

Project	Name1	Name2	Project Title	School
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55TH ANNUAL NRSEF AWARDS

Canadian Forces Reserves – The Lincoln and Welland Regiment Award

2005-a	Jinja Shepherd		How Well Do Different Materials Create Static Electricity?	Glynn A. Green Public Elementary School
1046-b	Aurelio Repetto		Stealth Technology	Wheatley School
1027-c	Rayirth Sivakumar		Blue light emissions on the eye	Niagara Academy of Tennis
1075-d	Suehyun Cho		Conformations of Antibody SPE7 Generated by Molecular Dynamics Simulations	Sir Winston Churchill Secondary School

American Meteorological Society Certificate

1076-b	Maggie Huang		Evaporation	Cardinal Newman Catholic Elementary School
2022-b	Chloe Cook		Humidity	Ridley College

Ridley College Engineering Award

2044-a	Caileigh Hanna		Is It Time To Re-Tire?	Power Glen Public Elementary School
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Ridley College Programming Award

3018-b	Naia Crowley		3-D Printing	St. Mark Catholic Elementary School
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Royal College of Astronomy Niagara Award

3015-d	Daniel Mateus		Study of Sedimentary Rock Layers in Valles Marineris Canyon System, Mars	Sir Winston Churchill Secondary School
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Elementary Teacher's Federation of Ontario (ETFO)

2038-a	Juliette Freure	Liam Shapland	What Materials Block A Wifi Signal?	Glynn A. Green Public Elementary School
1005-a	Layla Allen		Germ, Germs everywhere Germs	Glynn A. Green Public Elementary School
1020-b	Tyler Woodland		Living Batteries	Lakeview Public Elementary School
2008-b	Tessa Jeffery	Christine Kim	A Sticky Situation	Glynn A. Green Public Elementary School

Brock University Earth Science Award

2025-b	Kayleigh Murray		Falling To The Centre Of Earth	Cardinal Newman Catholic Elementary School
3015-d	Daniel Mateus		Study of Sedimentary Rock Layers in Valles Marineris Canyon System, Mars	Sir Winston Churchill Secondary School

Brock University Social Sciences Award

2035-b	Jessica Cullen	Lauren DiPietro	Reducing Sound for Sensory	Grand Avenue Public Elementary School
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Brock University Psychology Award

3022-b	Devyn Boutin		Drawn To Learning Sketchnotes vs Written Notes	Power Glen Public Elementary School
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Brock University Mathematics Award

2036-d	Madison Greenough		Transitioning from Grade 12 Mathematics to University Calculus: How are we doing?	Sir Winston Churchill Secondary School
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Brock University Niagara College Photonics Award

1052-b	Richard Schaefer		LED's On Overdrive	Diamond Trail Public Elementary School
2030-d	Gary Feng	Gavin Madden	Sound of Data	Holy Cross Catholic High School / A.N. Myer Secondary School

Brock University Biology Award

1043-a	Romero Nicolazzo		How to Grow a Healthy Bean Plant	St. Mark Catholic Elementary School
3029-a	Johnny Kamendy		Do Pesticides Affect The Regrowth Of Potatoes?	Power Glen Public Elementary School
2037-b	Dheiksha Jayasankar		NanoGrow: Nanoparticles as Plant Growth Enhancer	Power Glen Public Elementary School
1009-d	Nicole Dewey		Development of colorimetric polymerase chain reaction for rapid diagnosis of infectious diseases	Sir Winston Churchill Secondary School

Brock University Chemistry Award

1012-b	Isha Walia		Purification of Water	Ridley College
1040-b	Alexandra Nickel		The Dangers of Petroleum Based Plastics - Bioplastics to the Rescue!	Independent
1009-d	Nicole Dewey		Development of colorimetric polymerase chain reaction for rapid diagnosis of infectious diseases	Sir Winston Churchill Secondary School
1045-d	Lucas Penny		A Novel Isothermal Microfluidic Device to Detect Salivary microRNAs in Breast Cancer	Grimsby Secondary School

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Brock University Physics Award

2044-a	Caileigh Hanna		Is It Time To Re-Tire?	Power Glen Public Elementary School
2021-d	Bob Wei		Solitary Wave Propagation in a Novel Granular Chain Setup	Sir Winston Churchill Secondary School

Accipiter Radar Technologies Award for Engineering Innovation

2015-c	Bethany Poltl		"Sole Power" A Novel Approach to Energy Harvesting using Piezoelectric Technology	Saint Paul Catholic High School
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Ontario Institute of Agrology, Niagara Branch

1016-b	Sara Butler		Does colour affect plant growth	Power Glen Public Elementary School
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Water Environmental Association of Ontario (WEAO)

1042-b	Ella Belfry		A Kid's Solution To Water Transport	Ridley College
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Mancuso Chemical Award

1075-d	Suehyun Cho		Conformations of Antibody SPE7 Generated by Molecular Dynamics Simulations	Sir Winston Churchill Secondary School
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Statistical Science Award

1075-d	Suehyun Cho		Conformations of Antibody SPE7 Generated by Molecular Dynamics Simulations	Sir Winston Churchill Secondary School
1028-b	Syni Solanki		A Novel Approach to Causing Apoptosis in Ovarian Cancer Cells	Ridley College

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Niagara Electrical Association Award

2013-a	Cassie Corbett		Energy Efficiency, and Eco-Friendliness of Most Common Lightbulbs	St. Mark Catholic Elementary School
1020-b	Tyler Woodland		Living Batteries	Lakeview Public Elementary School
2015-c	Bethany Poltl		"Sole Power" A Novel Approach to Energy Harvesting using Piezoelectric Technology	Saint Paul Catholic High School

Canadian Federation of University Women - St. Catharines

1015-d	Emily Hunter		Study of the antiproliferative effects of oleuropein and olive leaf extract on adenocarcinoma alveolar basal epithelial (A549) cells via clonogenic cell survival assays	Saint Michael Catholic High School
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Marijane Doyle Award

1028-b	Syni Solanki		A Novel Approach to Causing Apoptosis in Ovarian Cancer Cells	Ridley College
1009-d	Nicole Dewey		Development of colorimetric polymerase chain reaction for rapid diagnosis of infectious diseases	Sir Winston Churchill Secondary School

Ontario Power Generation Award

3001-a	Vincent Pucci		Energy Efficiency of Light Bulbs	St. Mark Catholic Elementary School
1034-b	Mackenzie Tomins		Electrolyte Faceoff	Power Glen Public Elementary School
2015-c	Bethany Poltl		"Sole Power" A Novel Approach to Energy Harvesting using Piezoelectric Technology	Saint Paul Catholic High School

LifeLabs Award

2048-c	Athena Liu	Cynthia Wan	Testing Expired Drug Potency	Sir Winston Churchill Secondary School
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Ontario Horticulture Association - District 9

1037-a	Sophie Lamothe		Ail, réveille-toi!	École élémentaire catholique Immaculée-Conception
3012-b	Tommy Friesen	Andrew DePetris	A Slippery Situation: Environmentally Friendly Ways to Melt Ice	Power Glen Public Elementary School
2020-b	Katey Crawford		Let It Grow	Power Glen Public Elementary School
1021-d	Ajay Patel		Development of an Efficient Method to Detect the Authenticity of Olive Oil	Sir Winston Churchill Secondary School

Hatch Award

2015-c	Bethany Poltl		"Sole Power" A Novel Approach to Energy Harvesting using Piezoelectric Technology	Saint Paul Catholic High School
1045-d	Lucas Penny		A Novel Isothermal Microfluidic Device to Detect Salivary microRNAs in Breast Cancer	Grimsby Secondary School

CEO Niagara Chapter: Consulting Engineers of Ontario Award

2021-d	Bob Wei		Solitary Wave Propagation in a Novel Granular Chain Setup	Sir Winston Churchill Secondary School
2015-c	Bethany Poltl		"Sole Power" A Novel Approach to Energy Harvesting using Piezoelectric Technology	Saint Paul Catholic High School
3006-b	Ian Safranyos		Making A Battery Using Items Found Around The House	Glynn A. Green Public Elementary School

Innovation Science Award

2008-b	Tessa Jeffery	Christine Kim	A Sticky Situation	Glynn A. Green Public Elementary School
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Sikamani Memorial Award

1057-b	Madeline Lee		Water Filtration	Power Glen Public Elementary School
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IEEE Prize for Basic Electricity and Magnetism

1023-a	Robbie Law		Energy Consumption of Appliances	Glynn A. Green Public Elementary School
3001-a	Vincent Pucci		Energy Efficiency of Light Bulbs	St. Mark Catholic Elementary School
1052-b	Richard Schaefer		LED's On Overdrive	Diamond Trail Public Elementary School

Club Richelieu

1037-a	Sophie Lamothe		Ail, réveille-toi!	École élémentaire catholique Immaculée-Conception
1006-b	Tristan Sampl		Le graphène...au courant	École élémentaire catholique Immaculée-Conception

Gallea Environmental Award

2040-a	Carter Lalonde	Jacqueline Lalonde	L'importance des plantes et l'érosion	École élémentaire catholique Saint-Antoine
1040-b	Alexandra Nickel		The Dangers of Petroleum Based Plastics - Bioplastics to the Rescue!	Independent

James Draper Memorial Award

2015-c	Bethany Poltl		"Sole Power" A Novel Approach to Energy Harvesting using Piezoelectric Technology	Saint Paul Catholic High School
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Vineland Research and Innovation Centre

1032-b	Amelia Upper		Can Proof of Communication Between Plants Be Found After Experiencing High Saline Conditions?	Independent
2020-b	Katey Crawford		Let It Grow	Power Glen Public Elementary School
2037-b	Dheiksha Jayasankar		NanoGrow: Nanoparticles as Plant Growth Enhancer	Power Glen Public Elementary School
1069-d	Sama Nanayakkara		The Effects of Drought on Bee Abundance in Niagara	Governor Simcoe Secondary School

University of Guelph Plant Science Award

2040-a	Carter Lalonde	Jacqueline Lalonde	L'importance des plantes et l'érosion	École élémentaire catholique Saint-Antoine
3013-a	Zain Ahmed	Yusuf Salame	Banana Peels As An Alternative Fuel Source	Niagara Islamic School
1054-b	Munajat Najmudin		Let Them Eat N-P-Kake	Niagara Islamic School
1021-d	Ajay Patel		Development of an Efficient Method to Detect the Authenticity of Olive Oil	Sir Winston Churchill Secondary School

Niagara Peninsula Fruit & Vegetable Growers Association

2032-a	Jack Carriere		Do Plants Prevent Soil Erosion?	Wheatley School
2037-b	Dheiksha Jayasankar		NanoGrow: Nanoparticles as Plant Growth Enhancer	Power Glen Public Elementary School
1069-d	Sama Nanayakkara		The Effects of Drought on Bee Abundance in Niagara	Governor Simcoe Secondary School

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Ontario Tender Fruit Marketing Board

2020-b	Katey Crawford		Let It Grow	Power Glen Public Elementary School
1032-b	Amelia Upper		Can Proof of Communication Between Plants Be Found After Experiencing High Saline Conditions?	Independent

Professional Engineers of Ontario

2015-c	Bethany Poltl		"Sole Power" A Novel Approach to Energy Harvesting using Piezoelectric Technology	Saint Paul Catholic High School
3021-d	Nicholas Ierfino	Eimaan Khan	Pupil-Movement Tracking for Human Computer Interface Communication	Saint Michael Catholic High School

CATEGORY AWARDS (CERTIFICATES, MEDALLIONS)**JUVENILE - OPG****Honourable Mention**

3013-a	Zain Ahmed	Yusuf Salame	Banana Peels As An Alternative Fuel Source	Niagara Islamic School
1043-a	Romero Nicolazzo		How to Grow a Healthy Bean Plant	St. Mark Catholic Elementary School
1035-a	Skye Newman		Can You Scream In Space	Glynn A. Green Public Elementary School
1053-a	Kate Stuchberry		What Enzymes will work best Natural or Manmade	Power Glen Public Elementary School

Bronze Medal

2026-a	Madison Palabay		Can Water Float On Water?	Power Glen Public Elementary School
1037-a	Sophie Lamothe		Ail, réveille-toi!	École élémentaire catholique Immaculée-Conception
3001-a	Vincent Pucci		Energy Efficiency of Light Bulbs	St. Mark Catholic Elementary School
2032-a	Jack Carriere		Do Plants Prevent Soil Erosion?	Wheatley School
2017-a	Isra Alsahli		Soapy Spheres	Niagara Islamic School

Silver Medal

2044-a	Caileigh Hanna		Is It Time To Re-Tire?	Power Glen Public Elementary School
1065-a	Aaliyah Alfieri		Spherification	Power Glen Public Elementary School

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JUNIOR - Walker

Honourable Mention

2041-b	Taylor Searle		Which lotion is best for dry skin?	Ridley College
3014-b	Rachel Martin		Stress on Body Temperature	Lakeview Public Elementary School
3024-b	Olivia Massis		Water Filtration	Ridley College
1032-b	Amelia Upper		Can Proof of Communication Between Plants Be Found After Experiencing High Saline Conditions?	Independent
1006-b	Tristan Sampl		Le graphène...au courant	École élémentaire catholique Immaculée-Conception
2027-b	Devon Causley	Rhys Richards	How does pH affect the development of pre grown ivy and the germination time of radish seeds	Lakeview Public Elementary School
1020-b	Tyler Woodland		Living Batteries	Lakeview Public Elementary School
1052-b	Richard Schaefer		LED's On Overdrive	Diamond Trail Public Elementary School

Bronze Medal

1070-b	Aisha Chowdary	Malak Matus	Is Your Sunscreen Working?	Niagara Islamic School
1040-b	Alexandra Nickel		The Dangers of Petroleum Based Plastics - Bioplastics to the Rescue!	Independent
1012-b	Isha Walia		Purification of Water	Ridley College
1049-b	Hannah Wayland		The Effect of Artificial and Alternative Sweeteners on Fermentation in Yeast	Power Glen Public Elementary School

Silver Medal

1028-b	Syni Solanki		A Novel Approach to Causing Apoptosis in Ovarian Cancer Cells	Ridley College
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INTERMEDIATE - Niagara College

Bronze Medal

3027-c	Daniel Genkin		An Innovative Way To Control Your Computer	Sir Winston Churchill Secondary School
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Silver Medal

1027-c	Rayirth Sivakumar		Blue light emissions on the eye	Niagara Academy of Tennis
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SENIOR - Brock Faculty of Mathematics and Science

Honourable Mention

1015-d	Emily Hunter		Study of the antiproliferative effects of oleuropein and olive leaf extract on adenocarcinoma alveolar basal epithelial (A549) cells via clonogenic cell survival assays	Saint Michael Catholic High School
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Bronze Medal

1033-d	Akshay Patel		The Role of Proctolin in Turning Behaviour of Drosophila Melanogaster Larvae	Sir Winston Churchill Secondary School
1021-d	Ajay Patel		Development of an Efficient Method to Detect the Authenticity of Olive Oil	Sir Winston Churchill Secondary School

Silver Medal

2021-d	Bob Wei		Solitary Wave Propagation in a Novel Granular Chain Setup	Sir Winston Churchill Secondary School
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SCHOOL AWARDS

Juvenile: Studio T3 Engineering PLLC Award

Winner: Power Glen Public Elementary School

Junior: Lisa's Trophy Shop Award

Winner: Ridley College

Secondary School: Vale Award

Winner: Sir Winston Churchill Secondary School

SCHOLARSHIPS

Brock University Entrance Scholarships

1033-d	Akshay Patel		The Role of Proctolin in Turning Behaviour of Drosophila Melanogaster Larvae	Sir Winston Churchill Secondary School
1075-d	Suehyun Cho		Conformations of Antibody SPE7 Generated by Molecular Dynamics Simulations	Sir Winston Churchill Secondary School
2021-d	Bob Wei		Solitary Wave Propagation in a Novel Granular Chain Setup	Sir Winston Churchill Secondary School
3003-d	Kayla Lyndon		The Effects of a 12-Week Exercise Program on Body Image and Physical Fitness in Older Adults	DSBN Academy Secondary School

OUTSTANDING SCIENCE FAIR TEACHER AWARD

NRSEF Plaque for Outstanding Science Fair Teacher

Winner: Rikki DaCosta Power Glen Public Elementary School

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CATEGORY AWARD WINNERS

Juvenile - Ontario Power Generation Trophy

1031-a	Leena Jalees		Does sleep affect brain performance and grades?	Wheatley School
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Junior - Walker Environmental Group Trophy

2037-b	Dheiksha Jayasankar		NanoGrow: Nanoparticles as Plant Growth Enhancer	Power Glen Public Elementary School
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Intermediate - Niagara College Trophy

2015-c	Bethany Helaine Poltl		"Sole Power" A Novel Approach to Energy Harvesting using Piezoelectric Technology	Saint Paul Catholic High School
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Senior - Brock Faculty of Mathematics and Science Award

1045-d	Lucas Penny		A Novel Isothermal Microfluidic Device to Detect Salivary microRNAs in Breast Cancer	Grimsby Secondary School
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INTEL INTERNATIONAL SCIENCE FAIR - Los Angeles, California

Intel International Science Fair

1045-d	Lucas Penny		A Novel Isothermal Microfluidic Device to Detect Salivary microRNAs in Breast Cancer	Grimsby Secondary School
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CANADA WIDE SCIENCE FAIR - Regina, Saskatchewan

1033-d	Akshay Patel		The Role of Proctolin in Turning Behaviour of Drosophila Melanogaster Larvae	Sir Winston Churchill Secondary School
1021-d	Ajay Patel		Development of an Efficient Method to Detect the Authenticity of Olive Oil	Sir Winston Churchill Secondary School
1028-b	Syni Solanki		A Novel Approach to Causing Apoptosis in Ovarian Cancer Cells	Ridley College
1027-c	Rayirth Sivakumar		Blue light emissions on the eye	Niagara Academy of Tennis
2021-d	Bob Wei		Solitary Wave Propagation in a Novel Granular Chain Setup	Sir Winston Churchill Secondary School
2037-b	Dheiksha Jayasankar		NanoGrow: Nanoparticles as Plant Growth Enhancer	Power Glen Public Elementary School
2015-c	Bethany Poltl		"Sole Power" A Novel Approach to Energy Harvesting using Piezoelectric Technology	Saint Paul Catholic High School

N.R.S.E.F. BEST IN FAIR AWARD

1045-d	Lucas Penny		A Novel Isothermal Microfluidic Device to Detect Salivary microRNAs in Breast Cancer	Grimsby Secondary School
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