

## NIAGARA REGIONAL SCIENCE AND ENGINEERING FAIR - AWARDS - 60th FAIR

Name	Partner	Title	School
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### Science Process Awards

Maleah Sahota		Pup 'n Go	St. Anthony Catholic Elementary School
Sophie Clattenburg		M&M Colours: Predictable? Or Random?	Wheatley School
Adam Lefeuve		Fidget Friends	Pine Grove Public Elementary School
Quinn Vanaselja	Max Kanc	Man vs. Machine	Our Lady of Fatima Catholic Elementary School (Gr)

### Sanofi Biogenius Canada Award

Julia Dargacz		Functionalized Silatrane Lipid Head Groups	Saint Paul Catholic High School
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### Debbie Loeffen Women in Medical Sciences Award

Camela Temacini		Recreating a Tumour Microenvironment: Solving a Major Problem in Cancer Cell Cultures	Governor Simcoe Secondary School
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### Business and Professional Women of Niagara Falls Award

Camela Temacini		Recreating a Tumour Microenvironment: Solving a Major Problem in Cancer Cell Cultures	Governor Simcoe Secondary School
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### Martha Abra Use of Technology Award

Orlin Chowdhury		The Influence of Eye Gaze on Sentence Comprehension	Laura Secord Secondary School
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### The Ontario Association of Certified Engineering Technicians and Technologists Award (OACETT Niagara Chapter)

Elijah Cosby		Ultrasonic Visual Assistance Device	Thorold Secondary School
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### Manian Award

Zain Ahmed		Utilizing Siloxanes to Increase the Solubility of Biocatalysts in Organic Solvents	Holy Cross Catholic High School
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### American Meteorological Society Award

Antonio Geremia		Green Roofs: Are They a Cool Idea?	Wheatley School
Adi Sharma		Our Highways- The Untapped Source of Energy	Lakeview Public Elementary School

### Elementary Teacher's Federation of Ontario (ETFO)

Ty Duncan-Grant	Cole Mills	Truss Your Bridge	Pine Grove Elementary School
Mariana Tegua Garcia	Kylee McRae	Battery Tomato	Pine Grove Elementary School
Adam Lefeuve		Fidget Friends	Pine Grove Elementary School
Chloe Van Geest		Stress vs Memory. How Does Stress Affect Memory in Children and Adolescents	Lakeview Public School

### Ontario English Catholic Teachers' Association (OECTA)

Deacon Bray		Who has the Most Bacteria in the Mouth?	St. Anthony Catholic Elementary School
Maleah Sahota		Pup 'n Go	St. Anthony Catholic Elementary School
Adefemi Ijanusi		Detergents vs Bacteria	St. Martin Catholic Elementary School
John William ZZiwa	Grace James	The Five Second Rule	St. Anthony Catholic Elementary School

### Brock University Earth Science Award

Aidan Weltz		Learn Moh About Rocks and Minerals	St. Martin Catholic Elementary School
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### Brock University Social Sciences Award

Chloe Van Geest		Stress vs Memory. How Does Stress Affect Memory in Children and Adolescents	Lakeview Public Elementary School
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### Brock University Psychology Award

Audrey Pogoda		How Good is my Dog's Memory?	St. Martin Catholic Elementary School
Malak Farhat		Can Color Enhance Memory?	Al-Mahdi Learning Institute

## NIAGARA REGIONAL SCIENCE AND ENGINEERING FAIR - AWARDS - 60th FAIR

Name	Partner	Title	School
<b>Brock University Mathematics Award</b>			
Owen Root	Isaac Dyer	Volcano Vs. Math	Pine Grove Public Elementary School
<b>Brock University Biology Award</b>			
Karan Gill		Dazzling DNA	Wheatley School
Chloe Song	Jorja Miller	Human DNA vs. Fruit DNA	Notre Dame Catholic Elementary School
Izma Bokhari		Localization of Neuropilin-1 Receptors in Hippocampal CA1 Pyramidal Neurons	St. Francis Catholic High School
Camela Temacini		Recreating a Tumour Microenvironment: Solving a Major Problem in Cancer Cell Cultures	Governor Simcoe Secondary School
<b>Brock University Chemistry Award</b>			
Zeinab Faour		Natural vs. Manufactured Antacids	Al-Mahdi Learning Institute
Julia Dargacz		Functionalized Silatrane Lipid Head Groups	Saint Paul Catholic High School
<b>Brock University Physics Award</b>			
Sophia Reid	Phoebe Zeng	Temperature Vs. Golf Ball	Ridley College
Oscar Stipancic	Nico Alvarado	Balloon Powered Cars	Our Lady of Fatima Catholic Elementary School (Gr)
Amna Khairi		Exploring Correlations in High Density Packings	Sir Winston Churchill Secondary School
<b>Accipiter Radar Technologies Award for Engineering Innovation</b>			
Elijah Cosby		Ultrasonic Visual Assistance Device	Thorold Secondary School
<b>Ontario Institute of Agrology, Niagara Branch</b>			
Brielle Jones		Will It Grow?	St. Martin Catholic Elementary School
<b>Water Environmental Association of Ontario (WEAO)</b>			
Alaa Nouredine		Water Bottle Bacteria	Al-Mahdi Learning Institute

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### Niagara-on-the-Lake Rotary Club Award

Antonio Geremia		Green Roofs: Are They a Cool Idea?	Wheatley School
Safiya Ahmed		Hormonal Versus Organic Fertilizer	MAC Niagara Islamic School
Anna Maredia	Hannah Liu	Water Wave Generator	Sir Winston Churchill Secondary School

### Mancuso Award

Julia Dargacz		Functionalized Silatrane Lipid Head Groups	Saint Paul Catholic High School
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### Marijane Doyle Award

Grace Sargeant		Computational Simulation of the Effects of COVID-19 Therapeutics to SARS-CoV-2 Variants	Thorold Secondary School
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### Ontario Power Generation Award

Anthony Matamoros-Sagastume	Chase Kucharik	Antcha3000	St. Anthony Catholic Elementary School
Adi Sharma		Our Highways- The Untapped Source of Energy	Lakeview Public Elementary School
Anna Maredia	Hannah Liu	Water Wave Generator	Sir Winston Churchill Secondary School

### Innovation Science Award

Declan Bakker		Scrap Trap	Pine Grove Public Elementary School
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### Sikamani Memorial Award

Adi Sharma		Our Highways- The Untapped Source of Energy	Lakeview Public Elementary School
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### IEEE Prize for Basic Electricity and Magnetism

Aleeza Masood		Do fruits and vegetables produce electricity?	MAC Niagara Islamic School
Marcel Zych		What's in Our Water?	St. Anthony Catholic Elementary School

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Name	Partner	Title	School
<b>IEEE Niagara Branch Prize</b>			
Jose Pineda		The Train of the Future	St. Anthony Catholic Elementary School
<b>Gallea Environmental Award</b>			
Anna Maredia	Hannah Liu	Water Wave Generator	Sir Winston Churchill Secondary School
<b>James Draper Memorial Award</b>			
Alexander Lebedev		Effects on Background Radiation and Subatomic Particles with the use of a Cloud Chamber	Notre Dame Catholic Elementary School
<b>University of Guelph Plant Science Award</b>			
Antonio Geremia		Green Roofs: Are They a Cool Idea?	Wheatley School
Veronica Crocione		Grounded vs skyhigh	Pine Grove Public Elementary School
Charles Smith		Natural vs Synthetic Fertilizers	Ridley College
<b>Niagara Peninsula Fruit &amp; Vegetable Growers Association</b>			
Deniz Kucuk		Electromagnetic Radiation	Wheatley School
Safiya Ahmed		Hormonal Versus Organic Fertilizer	MAC Niagara Islamic School
<b>Ontario Tender Fruit Marketing Board</b>			
Mahdyar Ramezani		Effect of different behaviours on plants	Al-Mahdi Learning Institute
Valentina Crocione		Endophytes	Pine Grove Public Elementary School
<b>Professional Engineers of Ontario</b>			
Chloe Fillion	Sophie Fillion	The Air Cadet Rifle Pellet Speed Detector	Independent
Elijah Cosby		Ultrasonic Visual Assistance Device	Thorold Secondary School

## NIAGARA REGIONAL SCIENCE AND ENGINEERING FAIR - AWARDS - 60th FAIR

Name	Partner	Title	School
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### CATEGORY AWARDS (CERTIFICATES, MEDALLIONS)

OPG	Juvenile	Honourable Mention	
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Sophie Clattenburg		M&M Colours: Predictable? Or Random?	Wheatley School
Diya Rangi		Bendy Bones	Wheatley School
Raaha Chowdhury		The Teleporting Agenda	MAC Niagara Islamic School

OPG	Juvenile	Bronze Medal	
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Karan Gill		Dazzling DNA	Wheatley School
Anthony Matamoros-Sagastume	Chase Kucharik	Antcha3000	St. Anthony Catholic Elementary School

OPG	Juvenile	Silver Medal	NONE
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NRSEF	Junior	Honourable Mention	
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Hussein Farhat		Sip it Safe	Al-Mahdi Learning Institute
Maya Pasquale	Melania Ogreten-Mead	Internal Autocorrect	St. Teresa of Calcutta Catholic Elementary School
Sam Greavette		Who Needs a Tesla? Building an Electric Vehicle From Simple Materials	Wheatley School

NRSEF	Junior	Bronze Medal	
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Alexander Lebedev		Effects on Background Radiation and Subatomic Particles with the use of a Cloud Chamber	Notre Dame Catholic Elementary School
Oscar Stipancic	Nico Alvarado	Balloon Powered Cars	Our Lady of Fatima Catholic Elementary School (Gr)
Tau Sterling		Everyday Bacteria	Ridley College

NRSEF	Junior	Silver Medal	
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Jenessa Hilsden		2 Cool 4 School	Pine Grove Public Elementary School
Taylor Pirri		BananaRama - Testing How the Sugar Content in Ripening Bananas is Affected by Temperature and Environment	St. Teresa of Calcutta Catholic Elementary School

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### CATEGORY AWARDS (CERTIFICATES, MEDALLIONS)

Niagara College	Intermediate	Honourable Mention	NONE
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Niagara College	Intermediate	Bronze Medal	NONE
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Niagara College	Intermediate	Silver Medal	NONE
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Brock Faculty MS	Senior	Honourable Mention	
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Zain Ahmed		Utilizing Siloxanes to Increase the Solubility of Biocatalysts in Organic Solvents	Holy Cross Catholic High School
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Brock Faculty MS	Senior	Bronze Medal	
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Elijah Cosby		Ultrasonic Visual Assistance Device	Thorold Secondary School
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Brock Faculty MS	Senior	Silver Medal	
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Julia Dargacz		Functionalized Silatrane Lipid Head Groups	Saint Paul Catholic High School
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### School Awards

#### Schools with Outstanding Representations

**Juvenile: Studio T3 Engineering PLLC Award**

Wheatley School

**Junior: Lisa's Trophy Shop Award**

Ridley School and  
Al-Mahdi Learning Institute

## NIAGARA REGIONAL SCIENCE AND ENGINEERING FAIR - AWARDS - 60th FAIR

Name	Partner	Title	School
<b>Brock University Entrance Scholarships</b>			
Mark Sun		Analyzing Common Misconceptions Regarding Hypothetical Time Travel in Popular Media	Sir Winston Churchill Secondary School
Amna Khairi		Exploring Correlations in High Density Packings	Sir Winston Churchill Secondary School

<b>University of Ottawa Entrance Scholarship</b>			
Elijah Cosby		Ultrasonic Visual Assistance Device	Thorold Secondary School

### NRSEF Plaque for Outstanding Science Fair Teacher

Zahrae Nouredine, Al-Mahdi Learning Institute

## CATEGORY AWARD WINNERS

<b>Juvenile</b>		<b>Ontario Power Generation Trophy</b>	
Antonio Geremia		Green Roofs: Are They a Cool Idea?	Wheatley School

<b>Junior:</b>		<b>Walker Environmental Group - Junior Category Trophy</b>	
Sophia Reid	Phoebe Zeng	Temperature Vs. Golf Ball	Ridley College

<b>Intermediate:</b>		<b>Niagara College Trophy</b>	
Chloe Fillion	Sophie Fillion	The Air Cadet Rifle Pellet Speed Detector	Independent

<b>Senior:</b>		<b>Brock Faculty of Mathematics and Science Award</b>	
Camela Temacini		Recreating a Tumour Microenvironment: Solving a Major Problem in Cancer Cell Cultures	Governor Simcoe Secondary School



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### Canada Wide Science Fair

Chloe Fillion	Sophie Fillion	The Air Cadet Rifle Pellet Speed Detector	Independent
Camela Temacini		Recreating a Tumour Microenvironment: Solving a Major Problem in Cancer Cell Cultures	Governor Simcoe Secondary School
Julia Dargacz		Functionalized Silatrane Lipid Head Groups	Saint Paul Catholic High School

### NRSEF Best in Fair Award

Chloe Fillion	Sophie Fillion	The Air Cadet Rifle Pellet Speed Detector	Independent
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