Pro				
Num	Name1	Name2	Title	School

## **SPECIAL AWARDS**

#### Niagara Peninsula Conservation Authority Award

1035-A	Amritha		What's in my Water: An Analysis of Water Quality	Independent
	Rameshkanna		across the Niagara Region	
3026-C	Crystal Coyne	Sarah Schaefer	The Bee Hydration Station	Independent

#### American Meteorological Society Certificate

2024-d	Emily Warren	Reconstructing Historical Fires In Southern Northwest Territories	Holy Cross Catholic High School
3030-d	Roslin Chen	Walden Pond: Palynology Through Time	Sir Winston Churchill Secondary School

#### The Ontario Association of Certified Engineering Technicians and Technologists Award (OACETT Niagara Chapter)

3005-d	Matthew Hyeun	Studying Celestial Mechanics with Python Programming	Sir Winston Churchill Secondary
			School

#### Manian Memorial Award

3023-a	Emma LaValle	Red Wine Stain Removal	St. Michael Catholic Elementary
			School

#### **Ridley College Engineering Award**

2041-A	Emma DiPinto	Kala Laflèche-	Botte pelle	École élémentaire catholique
		Lauzon		Immaculée-Conception

### **Astronomy and Physics Award**

3005-d	Matthew Hyeun	Studying Celestial Mechanics with Python Programming	Sir Winston Churchill Secondary
			School

Pro				
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#### **Ontario Elementary Catholic Assocation (OECTA)**

1002-a	Benedict Snow	Electromagnetic Train	St. Vincent de Paul Catholic
			Elementary School
2011-a	Treesha Ray	Soil Enrichment Through Organic Diet of Earthworms	St. Michael Catholic Elementary
			School
2017-b	Rhylen Lambert	INCOGNITO	St. Vincent de Paul Catholic
			Elementary School
3004-b	Amber French	Can old dogs learn new tricks?	Mother Teresa Catholic
			Elementary School

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

1033-a	Mandy Clark	Bristle Bots	Central French Immersion Public
			Elementary School
1004-a	Luca Radtke-Harris	Quelles substances absorbent l'eau le plus	Central French Immersion Public
			Elementary School
2034-b	Carter Broom	Densities Of Water	Lakeview Public Elementary
			School
3002-b	Michaela MacGillivray	Où est le meilleur endroit pour projeter ta voix?	Central French Immersion Public
			Elementary School

### **Brock University Earth Science Award**

1074-b	Ellise Rigby	Ava Rose	Slow the Flow	St. Peter Catholic Elementary
		Sheppard		School
2024-d	Emily Warren		Reconstructing Historical Fires In Southern Northwest Territories	Holy Cross Catholic High School
3030-d	Roslin Chen		Walden Pond: Palynology Through Time	Sir Winston Churchill Secondary
				School

### **Brock University Social Sciences Award**

2014-b	Zain Ahmed		A Wake-Up Call: Cell Phone Use and Reaction Time	MAC Niagara Islamic School
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Pro				
Num	Name1	Name2	Title	School

#### **Brock University Psychology Award**

1019-b	Abby Kitcher	I Will Remember Hue	Power Glen Public Elementary
			School

### **Brock University Mathematics Award**

3016-b	Aaliyah Alferi	Phi-Bonacci	Power Glen Public Elementary
			School

## **Brock University Biology Award**

1055-a	Cole Thompson	Cole Sicard	The 5 Second Rule: Fact or Fiction?	St. Mark Catholic Elementary
				School
1005-b	Laura Pogoda		Is My Dog Colour Blind?	St. Martin Catholic Elementary
				School
3026-c	Crystal Coyne	Sarah Schaefer	The Bee Hydration Station	Independent
1006-d	Hunter Murdoch		Effects of an Insect Hormone on Fictive Locomotion in	Saint Michael Catholic High
			Fruit Fly Larvae	School

### **Brock University Chemistry Award**

1063-a	Hannah Evans	What ratio of Baking Soda and Vinegar Creates the	Oakridge Public Elementary
		Largest Reaction	School
3023-a	Emma LaValle	Red Wine Stain Removal	St. Michael Catholic Elementary
			School
1040-b	Sarah Abourida	determining the effectiveness of household disinfectants	Wali ul Asr Learning Institute

### **Brock University Physics Award**

2019-b	Madison Palabay	Keep It Cool	Power Glen Public Elementary
			School
1039-d	Jack Wu	Investigating the Behaviors of Waves with the iOLab	Sir Winston Churchill Secondary
			School

Pro				
Num	Name1	Name2	Title	School

#### Accipiter Radar Technologies Award for Engineering Innovation

1016-D	Hailin Wang	Affordable Mechatronics Solution for Independent	Sir Winston Churchill Secondary
		Movement Assistance	School
3015-D	Ahmed Ibrahim	BRAIN-Brain-computer Resonance Assistive INterface - Novel method to detect neural activities using dynamic electromagnetic resonance; revolutionary assistive technology for physical disabilities.	Grimsby Secondary School

#### Ontario Institute of Agrology, Niagara Branch

1050-c	Angel Zeng	Bioengineering C3 plants to CAM plants	Sir Winston Churchill Secondary
			School

### Water Environmental Association of Ontario (WEAO)

1065-a Kevin Angle Clean Up on Aisle Ocean Independent
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### Mancuso Chemical Award

1031-d	Bianca Marcella	Models for Enzymatic Si-C Formation	Saint Paul Catholic High School

#### **Statistical Science Award**

2012-b	Rhea Sivakumar	Spectroscopic Analysis of the atmospheric	Niagara Academy of Sports
		electromagnetic spectrum and protection	

#### **Niagara Electrical Association Award**

1041-a	Karlee Sawatzky		Twirling Ballerina Testing 3 Different Batteries	St. Theresa Catholic Elementary
				School
1024-b	Jack Marotta		The Drain is Just for Rain - An Investigation Into Storm	St. Michael Catholic Elementary
			Grate Design	School
3026-c	Crystal Coyne	Sarah Schaefer	The Bee Hydration Station	Independent
1023-d	Pooja Senthil		Frozen in Time: Inhibition of the PI3K Pathway in Fruits	E. L. Crossley Secondary School
			using Wortmannin	

Pro				
Num	Name1	Name2	Title	School

### Canadian Federation of University Women - St. Catharines

3001-C	Oishi Ray		Automated Detection Tool for Breast Cancer Prediction	A. N. Myer Secondary School
3026-C	Crystal Coyne	Sarah Schaefer	The Bee Hydration Station	Independent

## Marijane Doyle Award

1006-d	Hunter Murdoch	Effects of an Insect Hormone on Fictive Locomotion in	Saint Michael Catholic High
		Fruit Fly Larvae	School

#### **Ontario Power Generation Award**

1014-a	Graham Tomori	Solar Power for the Home	Wheatley School
3006-b	Mariane Tiwa	·	École élémentaire catholique Immaculée-Conception
1039-d	Jack Wu	8 8	Sir Winston Churchill Secondary School

### LifeLabs Award

1076-b Eshan Islam Anticoagulants and Blood Clotting Ridley College
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### **Ontario Horticulture Association - District 9**

1025-a	Cameron Robillard	0	Get Dirty!	Power Glen Public Elementary
				School
2004-b	Dheiksha Jayasankar	Ν	NanoAOX: Localization of Antioxidants via Carbon	Power Glen Public Elementary
		Ν	Nanoparticles to Enhance Plant Growth	School
1050-c	Angel Zeng	E	Bioengineering C3 plants to CAM plants	Sir Winston Churchill Secondary
				School
1023-d	Pooja Senthil	F	Frozen in Time: Inhibition of the PI3K Pathway in Fruits	E. L. Crossley Secondary School
		u	using Wortmannin	

Pro				
Num	Name1	Name2	Title	School

#### Hatch

1016-d	Hailin Wang	Affordable Mechatronics Solution for Independent Movement Assistance	Sir Winston Churchill Secondary School
3001-c	Oishi Ray	Automated Detection Tool for Breast Cancer Prediction	

#### **CEO Niagara Chapter: Consulting Engineers of Ontario Award**

3016-b	Aaliyah Alfieri	Phi-Bonacci	Power Glen Public Elementary
			School
1016-d	Hailin Wang	Affordable Mechatronics Solution for Independent	Sir Winston Churchill Secondary
		Movement Assistance	School
3015-d	Ahmed Ibrahim	BRAIN-Brain-computer Resonance Assistive INterface - Novel method to detect neural activities using dynamic electromagnetic resonance; revolutionary assistive technology for physical disabilities.	Grimsby Secondary School

### **Innovation Science Award**

1037-a	Sophie Filion		Independent
		Idamage	

## Sikamani Memorial Award

1022-b	Victoria Lalonde	Le rôle de la compression des fluides et l'intégrité structurelle du plastique	École élémentaire catholique Saint-Antoine
1044-b	Tommy Friesen	Awesome Acoustics: The Science of Sound	Power Glen Public Elementary School

#### **IEEE Prize for Basic Electricity and Magnetism**

2040-b	Areen Iqbal	Can Liquid Be Magnetic	Ridley College
3006-b	Mariane Tiwa	La pile à eau salée	École élémentaire catholique
			Immaculée-Conception

Pro				
Num	Name1	Name2	Title	School

### **Club Richelieu**

1067-a	Rhiannon Pietrangelo	Jacqueline Lalonde	Le secret pour croître les plantes	École élémentaire catholique
				Saint-Antoine
3018-b	Monet Leone	Sofia Cafarelli	Les germes	École élémentaire catholique
				Saint-Antoine

## Gallea Environmental Award

2024-d	Emily Warren	Reconstructing Historical Fires In Southern Northwest Territories	Holy Cross Catholic High School
3030-d	Roslin Chen	Walden Pond: Palynology Through Time	Sir Winston Churchill Secondary School

## James Draper Memorial Award

1016-d	Hailin Wang	Affordable Mechatronics Solution for Independent	Sir Winston Churchill Secondary
		Movement Assistance	School

### **Vineland Research and Innovation Centre**

1020-a	Paige Coles	L'eau magique	École élémentaire catholique
			Immaculée-Conception
1025-a	Cameron Robillard	Get Dirty!	Power Glen Public Elementary
			School
2004-b	Dheiksha Jayasankar	NanoAOX: Localization of Antioxidants via Carbon	Power Glen Public Elementary
		Nanoparticles to Enhance Plant Growth	School
1023-d	Pooja Senthil	Frozen in Time: Inhibition of the PI3K Pathway in Fruits	E. L. Crossley Secondary School
		using Wortmannin	

Pro				
Num	Name1	Name2	Title	School

### **University of Guelph Plant Science Award**

1025-a	Cameron Robillard	Get Dirty!	Power Glen Public Elementary
			School
1057-a	Ryan Robillard	Liquids and Beans	Power Glen Public Elementary
			School
2004-b	Dheiksha Jayasankar	NanoAOX: Localization of Antioxidants via Carbon	Power Glen Public Elementary
		Nanoparticles to Enhance Plant Growth	School
1023-d	Pooja Senthil	Frozen in Time: Inhibition of the PI3K Pathway in Fruits	E. L. Crossley Secondary School
		using Wortmannin	

## Niagara Peninsula Fruit & Vegetable Growers Association

1020-a	Paige Coles	L'eau mag	que École élémentaire catholique
			Immaculée-Conception
1075-a	Alex Yan	Can Plants	Survive in Lights of Different Colours? Oakridge Public Elementary
			School

#### Ontario Tender Fruit Marketing Board

1020-a	Paige Coles	L'eau magique	École élémentaire catholique
			Immaculée-Conception
1023-d	Pooja Senthil	Frozen in Time: Inhibition of the PI3K Pathway in Fruits	E. L. Crossley Secondary School
		using Wortmannin	

## **Professional Engineers of Ontario**

2013-c Ai	Nimée Kushniruk	Can 3D bioprinting replace organ transplants?	Sir Winston Churchill Secondary
			School
1039-d Ja	ack Wu	Investigating the Behaviors of Waves with the iOLab	Sir Winston Churchill Secondary School

Pro				
Num	Name1	Name2	Title	School

# CATEGORY AWARDS (CERTIFICATES, MEDALLIONS)

## **JUVENILE CATEGORY - HONOURABLE MENTIONS**

1008-a	Viki Priftis		Does Age Affect Taste Buds?	Power Glen Public Elementary School
1043-a	Simone Williams		Can you stop global warming?	Wheatley School
2018-a	Jamieson Schilz		Le pH de l`eau	École élémentaire catholique Saint-Antoine
2041-a	Emma DiPinto	Kala Laflèche- Lauzon	Botte pelle	École élémentaire catholique Immaculée-Conception
2043-a	Giovanni Mascia	Noah Walters	Homopolar Motor	St. Vincent de Paul Catholic Elementary School
3007-a	Shonagh Colclough		Under Pressure	Wheatley School

## JUVENILE - BRONZE MEDAL

1065-a	Kevin Angle	Clean Up on Aisle Ocean	Independent
3021-a	Sophie Lamothe	Les cèdres sont-ils toxiques?	École élémentaire catholique
			Immaculée-Conception

## **JUVENILE - SILVER MEDAL**

1055-a	Cole Thompson	Cole Sicard		St. Mark Catholic Elementary School
1035-a	Amritha Rameshkanna		What's in my Water: An Analysis of Water Quality across the Niagara Region	Independent

Pro				
Num	Name1	Name2	Title	School

## JUNIOR CATEGORY - HONOURABLE MENTIONS

1051-b	Mustafa Ali	How to Clean and Distill Dirty Water by Examining the Efficiency of Distillation and Filtration?	MAC Niagara Islamic School
1060-b	Mariam Rida	glucose versus sunlight on plants	Wali ul Asr Learning Institute
1062-b	Olivia Negrinotti	Put Stress to The Test	Lakeview Public Elementary School
1066-b	Maddy Farquhar	Combien d'énergie est vraiment sur ton assiette?	Central French Immersion Public Elementary School
1076-b	Eshan Islam	Anticoagulants and Blood Clotting	Ridley College
2014-b	Zain Ahmed	A Wake-Up Call: Cell Phone Use and Reaction Time	MAC Niagara Islamic School
2019-b	Madison Palabay	Keep It Cool	Power Glen Public Elementary School
3006-b	Mariane Tiwa	La pile à eau salée	École élémentaire catholique Immaculée-Conception

## JUNIOR CATEGORY - BRONZE MEDAL

2012-b	Rhea Sivakumar	Spectroscopic Analysis of the atmospheric	Niagara Academy of Sports
		electromagnetic spectrum and protection	
1040-b	Sarah Abourida	determining the effectiveness of household disinfectants	Wali ul Asr Learning Institute
1011-b	Amelia Upper	Can The Application Of Electricity And Hydrogen Have An Impact On The Growth Patterns Of Epipremnum Aureum?	Independent
3016-b	Aaliyah Alfieri	Phi-Bonacci	Power Glen Public Elementary School

## JUNIOR CATEGORY - SILVER MEDAL

1019-	Abby Kitcher	I Will Remember Hue	Power Glen Public Elementary School
			301001

Pro				
Num	Name1	Name2	Title	School

## **INTERMEDIATE CATEGORY - HONOURABLE MENTION**

1081-c	Rayirth Sivakumar	Angle Kappa in Myopes and Hyperopes and its Role in	Niagara Academy of Sports
		Multifocal Lens Implants	

## **INTERMEDIATE CATEGORY - BRONZE MEDAL**

3001-c	Oishi Ray	Automated Detection Tool for Breast Cancer Prediction	A. N. Myer Secondary School

## **SENIOR CATEGORY - BRONZE MEDAL**

1023-d	Pooja Senthil	Frozen in Time: Inhibition of the PI3K Pathway in Fruits	E. L. Crossley Secondary School
		using Wortmannin	

## **SENIOR CATEGORY - SILVER MEDAL**

1016-d	Hailin Wang	Affordable Mechatronics Solution for Independent	Sir Winston Churchill Secondary
		Movement Assistance	School

## SCHOOL AWARDS

JUVENILE CATEGORY - Studio T3 Engineering PLLC Award WINNER WHEATLEY SCHOOL

JUNIOR CATEGORY - Lisa's Trophy Shop Award WINNER POWER GLEN PUBLIC ELEMENTARY SCHOOL

SECONDARY SCHOOL - Valé Award WINNER

SIR WINSTON CHURCHILL SECONDARY SCHOOL

Pro				
Num	Name1	Name2	Title	School

# BROCK UNIVERSITY ENTRANCE SCHOLARSHIPS

2009-d	Jacob Zhang	Temperament: Friend or Foe? Risk and Protective factors of Anxiety	Saint Michael Catholic High School
1031-d	Bianca Marcella	Models for Enzymatic Si-C Formation	Saint Paul Catholic High School
3010-d	Anusha Chacko	How A Newly Encountered Face Become Familiar	Saint Michael Catholic High School

#### NRSEF PLAQUE FOR OUTSTANDING SCIENCE FAIR TEACHER NINNER RIKKI DACOSTA. POWER GLEN PL

RIKKI DACOSTA, POWER GLEN PUBLIC ELEMENTARY SCHOOL

## **CATEGORY AWARDS - GOLD MEDALISTS**

## **JUVENILE GOLD - Ontario Power Generation Trophy**

1037-a	Sophie Filion	The Carpenter Bee Trap – How to minimize barn	Independent
		damage	

## JUNIOR GOLD - Niagara Regional Science and Engineering Fair Junior Category Trophy

2004-b	Dheiksha Jayasankar	NanoAOX: Localization of Antioxidants via Carbon	Power Glen Public Elementary
		Nanoparticles to Enhance Plant Growth	School

## **INTERMEDIATE GOLD - Niagara College Trophy**

3026-c Crystal Coyne Sarah Schaefer The Bee Hydration Station	Independent
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## **SENIOR GOLD - Brock Faculty of Mathematics and Science Award**

1006-d	Hunter Murdoch	Effects of an Insect Hormone on Fictive Locomotion in	Saint Michael Catholic High
		Fruit Fly Larvae	School

Pro				
Num	Name1	Name2	Title	School

# CANADA WIDE SCIENCE FAIR

OTTAWA, ONTARIO (MAY 12-19)

1019-b	Abby Kitcher		I Will Remember Hue	Power Glen Public Elementary
				School
1016-d	Hailin Wang		Affordable Mechatronics Solution for Independent	Sir Winston Churchill Secondary
			Movement Assistance	School
2004-b	Dheiksha Jayasankar		NanoAOX: Localization of Antioxidants via Carbon	Power Glen Public Elementary
			Nanoparticles to Enhance Plant Growth	School
3026-c	Crystal Coyne	Sarah Schaefer	The Bee Hydration Station	Independent
1006-d	Hunter Murdoch		Effects of an Insect Hormone on Fictive Locomotion in	Saint Michael Catholic High
			Fruit Fly Larvae	School

## **BEST IN FAIR TROPHY**

1006-d	Hunter Murdoch	Effects of an Insect Hormone on Fictive Locomotion in	Saint Michael Catholic High
		Fruit Fly Larvae	School