

64th Vancouver Island Regional Science Fair, April 2025

Major Awards

Overall Best Project Winners

1st Overall – Rotary Award + Blackball Ferry

- + The UVic President's Award
- + Dean of Science Scholarship
- + Rotary Club of Victoria-Saanich \$2000 Scholarship
- + UVic Engineering Award

99	Kevin Su	Aquatic Wireless Batteryless Telemetry: A Self-Sustaining Fish Tagging Device with Enhanced Data Transmission	Glenlyon Norfolk School	11
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2nd Overall – StarFish Award + Russell Books

101	Ethan Curtis Elmond Aphiwetsa	Oscar AI	St. Michaels University School	11
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3rd Overall – JASCO Award + Dance Victoria

100	Ke Xu	A Modular Peristaltic Robot with Origami Torsion Tower Structures Based on Diagonal Crease Methods	Pearson College UWC	11
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4th Overall – Schneider Electric + Cordova Bay Golf

- + UVIC Environment Award

95	Ethan Lee	Synthesis and Applications of Functionalized Graphene Oxide-Activated Carbon Composites for Advanced CO2 Adsorption	Glenlyon Norfolk School	11
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5th Overall – Eupraxia Pharmaceuticals Award + Russell Books

- + UVic Science Chairs' Award

108	Jason Zhang	Catching Cancer	Mount Douglas Secondary School	11
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6th Overall – Stantec Award + Russell Books

- + UVic Engineering Chairs' Award

26	Isaiah Pereira	SmartSleeper: Optimize Your Sleep Environment	St. Michaels University School	7
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Geminiano Awards

Nathan Geminiano Awards - Overall Winner 2 times

None awarded in 2025

Alexa Geminiano Awards - Overall Winner 3 or more times

None awarded in 2025

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Division Winners

Senior (Gr. 10-12)

Prizes: Victoria Harbourcats

First	110	Clara Lake	Effects of Essential Oils in Deterring Rats	Queen Margaret's School	10
Second	102	Manuchaya Chankhamhaengdecha	Machine Learning-Powered Ocean Pollution Reduction	Mount Douglas Secondary	11
Third	103	Zhuola Sun	Novel Wind Turbine Hub Design for Improved Efficiency	Queen Margaret's School	11
Fourth	106	Ronsher Dai	X-ray Based Solar Activity Forecasting	Mount Douglas Secondary School	11
Fifth	105	Liana Kim	Brain Detox: Investigating Ultrasound-Enhanced Waste Removal	Brentwood College School	11

Junior (Gr. 8-9)

Prizes: Munro's Books x 2; Miniature World x 3

First	67	Silke Behn Emma Hardcastle	Beauty on a Budget	St. Michaels University School	8
Second	91	Aeshan Bandechha	How mushrooms affect plant growth	Glenlyon Norfolk School	9
Third	83	Shiny (Qingyang) Wang	Help Rufous Hummingbirds	Aspengrove School	8
Fourth	93	Lily Curry	Can such small insects escalate climate change to a large extent?	Glenlyon Norfolk School	9
Fifth	79	Alexander Turner	How an automates system helps plant growth.	Glenlyon Norfolk School	9

Intermediate (Gr. 6-7)

Prizes: Maritime Museum

First	43	Alma Zilber	The Battle of The Beats	St Michaels University school	6
Second	60	Aaron Li	Investigating the greenhouse effect	Arbutus Global Middle School	6
Third	55	Thea Picardi	Plants on Mars	St. Michaels University School	6
Fourth	61	Caren Wang	Wonderful Wigglers Working???	St. Michaels University School	6
Fifth	59	Shuli Lu	Salinity Filtration : Which Filter Works the Best?	St. Michaels University School	6

Elementary (Gr. 4-5)

Prizes: Two Otters / Kaboodles x 3; Butterfly Gardens x2

First	17	Brielle Kendrew	Sun Safe?	Pacific Christian School	5
Second	23	Tobi Kuponiyi	Magnet Mania	Pacific Christian School	5
Third	8	Liam Wilson	Personal Water Filter	Westmont Montessori	4
Fourth	5	Aubree Dawes	The doggie bag breakdown	Pacific Christian School	5
Fifth	50	Theodore Brussow	Soil Solution	Pacific Christian School	5

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Science Fair Foundation of BC Awards

BC Agriculture in the Classroom Award

90	Magnus Loomer-Douglas	Sustainable kitchen Fertilizers	Christ Church Cathedral School	8
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BC Game Developers Innovation Award

Senior 101	Ethan Curtis Elmond Aphiwetsa	Oscar AI	St. Michaels University School	11
Junior 77	Jacob Ji	BlockReact	St. Micheal's University School	8
Intermediate 36	Rowan Thompson William Howard	Robot raccoon	Glenlyon Norfolk School	6

BC Hydro Power Pioneers Award

103	Zhuola Sun	Novel Wind Turbine Hub Design for Improved Efficiency	Queen Margaret's School	11
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BC Nature Award

Senior 99	Kevin Su	Aquatic Wireless Batteryless Telemetry: A Self-Sustaining Fish Tagging Device with Enhanced Data Transmission	Glenlyon Norfolk School	11
Junior 83	Shiny (Qingyang) Wang	Help Rufous Hummingbirds	Aspengrove School	8
Intermediate 61	Caren Wang	Wonderful Wigglers Working???	St. Michaels University School	6

BC Science Teachers' Award

64	Eleanore Fairhurst	Sunscreen Showdown	St. Michaels University School	8
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Genome BC Award

98	Youlan Li Damaris Kola-Asa	BEEDLE: A Microneedle-Based Implant for Targeted Neurorestorative Therapy in Traumatic Brain Injury and Neurodegenerative Disorders	St. Michaels University School	11
105	Liana Kim	Brain Detox: Investigating Ultrasound-Enhanced Waste Removal	Britannia Secondary School	12
105	Liana Kim	Brain Detox: Investigating Ultrasound-Enhanced Waste Removal	Brentwood College School	11

Julia Lane Award

97	Margaret Fournier	A Novel to Reforestation	Esquimalt High School	10
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Michael Crooks Physics Award

31	Fredric Han	Pendulum	Christ Church Cathedral School	6
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SCWIST Award

92	Reagan Morley	The Mushroom Meal - Can Blue Oyster Mushrooms Degrade Plastic Effectively?	Glenlyon Norfolk School	9
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SHAD Award

93	Lily Curry	Can such small insects escalate climate change to a large extent?	Glenlyon Norfolk School	9
91	Aeshan Bandechha	How mushrooms affect plant growth	Glenlyon Norfolk School	9
71	Anna Iqbal	The Effect of Wildfire Smoke Particles on Blood Clot Formation	Glenlyon Norfolk School	9

Vancouver RASC Martha Pearse Award

89	Des Farish	Solar Shadows	St. Michaels University School	8
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Provincial Awards - for nomination; application is to be made by student to SFFBC

Genome BC Scholarship Nomination

99	Kevin Su	Aquatic Wireless Batteryless Telemetry: A Self-Sustaining Fish Tagging Device with Enhanced Data Transmission	Glenlyon Norfolk School	11
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Julia Lane Scholarship Nomination

110	Clara Lake	Effects of Essential Oils in Deterring Rats	Queen Margaret's School	10
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Ministry of Transportation & Infrastructure Scholarship Nomination

95	Ethan Lee	Synthesis and Applications of Functionalized Graphene Oxide-Activated Carbon Composites for Advanced CO2 Adsorption	Glenlyon Norfolk School	11
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Organization and Individual Awards and Prizes

American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)

Gr. 4-8	54	Tori Xin Justine Zhou	Expiring Milk!	St. Michaels University School	6
Gr. 9-12	103	Zhuola Sun	Novel Wind Turbine Hub Design for Improved Efficiency	Queen Margaret's School	11

ASL Environmental Services Award

	99	Kevin Su	Aquatic Wireless Batteryless Telemetry: A Self-Sustaining Fish Tagging Device with Enhanced Data Transmission	Glenlyon Norfolk School	11
	45	Miles Horn Mariah Young	Glow-in-the-Dark Secrets: Investigating Bioluminescence	Frank Hobbs Elementary	5
	59	Shuli Lu	Salinity Filtration : Which Filter Works the Best?	St. Michaels University School	6
	37	Zenna Story	Nature's Descent: Beach Objects in Quicksand	Westmont Montessori School	6

Drs. Rosemary & Walter Balfour Award

1st	13	Liva Bennett Rae Lomas-Hamilton	Cats are smarter than Dogs	George Jay Elementary	4
2nd	57	George Xu Darwin Li	Showdown of the Superior pHs	St. Michael's University School	6

Drs Jane Browning & Dave Berry Award

	8	Liam Wilson	Personal Water Filter	Westmont Montessori	4
	24	Linnaia Myhre	It IS Rocket Science!	Pacific Christian School	5

BC Hydro - Power Smart Award (Plaque)

	100	Ke Xu	A Modular Peristaltic Robot with Origami Torsion Tower Structures Based on Diagonal Crease Methods	Pearson College UWC	11
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BC Hydro - Power Pioneers - South Island Office Award

	99	Kevin Su	Aquatic Wireless Batteryless Telemetry: A Self-Sustaining Fish Tagging Device with Enhanced Data Transmission	Glenlyon Norfolk School	11
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BC Hydro - Book Award

	20	Cheetah Dack	How much radiation do your daily devices generate?	Maria Montessori Academy	5
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BC Institute of Agrologists

1st	110	Clara Lake	Effects of Essential Oils in Deterring Rats	Queen Margaret's School	10
2nd	50	Theodore Brussow	Soil Solution	Pacific Christian School	5
3rd	28	Jasnoor Sundher Kate Berryman	Test Bacterial Growth in Different Sources of Water	Maria Montessori Academy	7
4th	79	Alexander Turner	How an automates system helps plant growth.	Glenlyon Norfolk School	9

BC Nature Award

Senior	99	Kevin Su	Aquatic Wireless Batteryless Telemetry: A Self-Sustaining Fish Tagging Device with Enhanced Data Transmission	Glenlyon Norfolk School	11
Junior	83	Shiny (Qingyang) Wang	Help Rufous Hummingbirds	Aspengrove School	8
Intermediate	61	Caren Wang	Wonderful Wigglers Working???	St. Michaels University School	6

BUGS (Biology Undergraduate Society) Award

	108	Jason Zhang	Catching Cancer	Mount Douglas Secondary School	11
	6	Anqi (Angelika) Yu Winter Macklam	Magnetic Earth	Westmont Montessori School	4 5

Carmanah Technologies - Clean Technology Award

	47	Catherine (Bless) Scott	Alternative Diaper Fillings	Westmont Montessori	5
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Dr Zonk Award (Bonnie Martin Restaurant sponsor)

	3	Olivia Kouwenberg Anaya Holmes	Red Wolves: The wolves that roamed southeatern USA	Victoria School For Ideal Education	5
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Canadian Meteorological & Oceanographic Society (CMOS) Award

	17	Brielle Kendrew	Sun Safe?	Pacific Christian School	5
	59	Shuli Lu	Salinity Filtration : Which Filter Works the Best?	St. Michaels University School	6
	74	Pahal Kaku	Buoyancy Battles	St. Michaels University School	8
	95	Ethan Lee	Synthesis and Applications of Functionalized Graphene Oxide-Activated Carbon Composites for Advanced CO2 Adsorption	Glenlyon Norfolk School	11

Gordon Patterson Award

	12	Charlee Alleyyn	Do dogs have a favourite colour?	Maria Montessori	5
	22	Alex Busch	Balloon Powered Car	Frank Hobbs Elementary School	4
	2	Lukas Erlank	Hungry Hamster	Pacific Christian School	5

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Ocean Network Canada Award

48	Mira Kempe Joan Dupuis	How noise pollution affects whales	Frank Hobbs	5
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Out of the Box

102	Manuchaya Chankhamhaengdecha	Machine Learning-Powered Ocean Pollution Reduction	Mount Douglas Secondary	11
103	Zhuola Sun	Novel Wind Turbine Hub Design for Improved Efficiency	Queen Margaret's School	11

Rotary Club of Victoria-Saanich Environment Award

1st	99	Kevin Su	Aquatic Wireless Batteryless Telemetry: A Self-Sustaining Fish Tagging Device with Enhanced Data Transmission	Glenlyon Norfolk School	11
2nd	78	Nikolas Toliias	The Polar Bear Coat: A hug from a Polar Bear	Glenlyon Norfolk School	9
3rd	49	Kellan McDowell	Do all compostable materials turn to dirt?	Christ Church Cathedral School	5
4th	57	George Xu Darwin Li	Showdown of the Superior pHs	St. Michael's University School	6

Royal Astronomical Society of Canada, Victoria Chapter (RASC) Award

24	Linnaia Myhre	It IS Rocket Science!	Pacific Christian School	5
55	Thea Picardi	Plants on Mars	St. Michaels University School	6

Schneider Electric - STEAM Awards

24	Linnaia Myhre	It IS Rocket Science!	Pacific Christian School	5
35	Lucas Bi Matthew McLuckie	Homemade Microbit Drone	Glenlyon Norfolk School	6
81	Ethan Dallin	How colour affects the gamma brainwave used for learning	Glenlyon Norfolk School	9
106	Ronsher Dai	X-ray Based Solar Activity Forecasting	Mount Douglas Secondary School	11

Science Fair Alumni Award

14	Brady Grant	Multitasking: do athletes have an advantage?	Westmont Montessori School	5
27	Raymond Watt	Vacuums: A brief overview , along with an experiment demonstration.	Westview Learning	7
68	Annabelle Craig	That's a Wrap!	St Michaels University School	8
111	Anya Zhang	Antibiotic Avengers: Old Meets New	Mount Douglas Secondary School	

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Victoria Natural History Society Award

97	Margaret Fournier	A Novel to Reforestation	Esquimalt High School	10
94	Jeremy Martin	Insects as Energy: A Young Founder Venture	Edward Milne Community School	10
95	Ethan Lee	Synthesis and Applications of Functionalized Graphene Oxide-Activated Carbon Composites for Advanced CO2 Adsorption	Glenlyon Norfolk School	11
96	Neo Chou	Study in Acid-Base Amphoterism and its Application in Hydrogen Gas Production	Mount Douglas Secondary	10

Victoria Symphony Award (to a teacher for special efforts)

Tracy Johns Frank Hobbs Elementary

Business Awards

Russell Books

80	Clarita Pelligra	Participation in Physical Activity in Teenagers	Glenlyon Norfolk School	9
73	Valentia Szuroka Katheryn Sun	The Brachistochrone Curve: A Scientific Path to Efficiency	St. Micheals University School	8

Shaw Centre for the Salish Sea

11	Kira Chabun Adelaide Layton	Who's the better superhero? The giant pacific octopus or Mystique?	George Jay Elementary	4
16	Ruth MacKenzie-Gornallz Se-rok Choi	Climate change	George Jay Elementary	4

Volunteer Choice Awards - Victoria Bug Zoo

39	Tessa Cheung Isla Kingsbury	Hygro-hair	St. Michaels University School	6
44	Lily Liedtke Sophie Zwicky	Where's Waldo	Christ Church Cathedral School	7
46	Evan Chakanyuka	How Well Does Water Capture CO? When You Add Different Substances?	Pacific Christian School	5
66	Ali Brooks Ella Buckley	Bottled Up	St. Michaels University School	8