

Award Name	Awardee	Project Title	Region
AbCellera TechBio Award	Julian Generaux	Inexpensive, Portable EKG for Remote Monitoring of Heart Conditions	Cariboo Mainline
AbCellera TechBio Award	Sam Leatherdale	Just Breathe	Central Interior
AbCellera TechBio Award	Keanu Chan	PRrecision Exospinal Constructive Innovative Stereotactic Evolution (PRECISE)	East Kootenay
AbCellera TechBio Award	Sumeet Dhillon	Differentiated Arthritis	Fraser Valley
AbCellera TechBio Award	Ann Wang	Battling Bacterial Biofilms	Greater Vancouver
AbCellera TechBio Award	Maryam Khanum	Feasibility assessment of MFC to treat oil and gas produced water and generate electricity	Northern BC
AbCellera TechBio Award	Joel McRae	Brain - How Does it Process Music?	Northern Vancouver Island
AbCellera TechBio Award	Soleil Brookes	Moss Filters: How they Affect Air Quality	Pacific Northwest
AbCellera TechBio Award	Ryvan Hammoud	Smart Naloxone Kit	South Fraser
AbCellera TechBio Award	Richard Lee	"Expanded Polystyrene Foam" That Grows on Trees	Vancouver Island
AbCellera TechBio Award	Kail Keyes	Plant Watering Scale and Time + AI	West Kootenay
AbCellera TechBio Award	Wyatt Ireland	Uncanny Valley	Yukon-Stikine

Award Name	Awardee	Project Title	Region
BC Agriculture in the Classroom Award	Zoe Andersen	How Does Lettuce Grow	Cariboo Mainline
BC Agriculture in the Classroom Award	Ella Johnston	Grow Grass Grow the Fertilizer Experiment	Central Interior
BC Agriculture in the Classroom Award	Lorraiya Blurton	Plants in Space!	East Kootenay
BC Agriculture in the Classroom Award	Gurmannat Samra	Recycling Greywater	Fraser Valley
BC Agriculture in the Classroom Award	Adara Shilling	Plastic Roots	Greater Vancouver
BC Agriculture in the Classroom Award	Shrimate Ghosh	Erosion in Motion: Soil Erosion Experiment	Northern BC
BC Agriculture in the Classroom Award	Jocelyn Lansdowne	Horse Had Shaking	Northern Vancouver Island
BC Agriculture in the Classroom Award	Ocean Connaty	Bees	Northern Vancouver Island
BC Agriculture in the Classroom Award	Avy Boonstra	Preserving Apples	Pacific Northwest
BC Agriculture in the Classroom Award	Sienna Juco	Proliferation Photosynthesis	South Fraser
BC Agriculture in the Classroom Award	Kaitlyn Chan	How Do the Impacts of Wildfires Affect the Growth of Plants	Vancouver Island
BC Agriculture in the Classroom Award	Kendal Carnahan	Invasive Plants	West Kootenay
BC Agriculture in the Classroom Award	Evan Howells	Flight of the Bumble Bee - A novel study exploring the foraging patterns of native bumble bees in the Southern Lakes region of Yukon	Yukon-Stikine

Award Name	Awardee	Project Title	Region
BC Game Developer's Award	Intermediate: Julian Generaux	Inexpensive, Portable EKG for Remote Monitoring of Heart Conditions	Cariboo Mainline
BC Game Developer's Award	Junior: Ezra Livingstone	Think Fast	Central Interior
BC Game Developer's Award	Senior: Prabhnoor Sidhu	Mitigating the Effects of Debris Flows Part 2	Central Interior
BC Game Developer's Award	Junior: Amber Attalla	Social Straw	East Kootenay
BC Game Developer's Award	Senior: Julian Loloacher	Predicting Graphs: skill or luck	East Kootenay
BC Game Developer's Award	Junior: Raninder Litt	Solar Powered Robot	Fraser Valley
BC Game Developer's Award	Intermediate: Mehtab Singh Rai	Pneumatic Engines	Fraser Valley
BC Game Developer's Award	Senior: Navtaj Singh Sooch	What Happened to Flying Wings	Fraser Valley
BC Game Developer's Award	Junior: Romina Paridel	Garbage Matters	Greater Vancouver
BC Game Developer's Award	Intermediate: Tara Zhan	HemiStride: Building a Low-Cost and Backdrivable Lower-Limb Exoskeleton for Hemiplegic Patients	Greater Vancouver
BC Game Developer's Award	Senior: Angela Cao	IOTA: a text to audio web application	Greater Vancouver
BC Game Developer's Award	Intermediate: Taha Ahmed	Vidiscite: Distraction Free Video Resources	Northern BC

BC Game Developer's Award	Junior: Grace Brand and Autumn Lyndgea	Micrometeorites	Northern Vancouver Island
BC Game Developer's Award	Intermediate: Regina Kellington-Jones	Astrobiology on Mars	Northern Vancouver Island
BC Game Developer's Award	Senior: Heather Kornylo	Auto Pend Lab	Northern Vancouver Island
BC Game Developer's Award	Junior: Stefan Grasmeyer and Teagan Koopmans	Dump 'n Run	Pacific Northwest
BC Game Developer's Award	Intermediate: David and Eric VanderWaart	Think Fast	Pacific Northwest
BC Game Developer's Award	Junior: Ali Soufi and Antony Zhang	Refugee Pal	South Fraser
BC Game Developer's Award	Intermediate: Vanness Chang	PlayTouchless	South Fraser
BC Game Developer's Award	Senior: Ze Wei Li	The Anxiety Monitor	South Fraser
BC Game Developer's Award	Junior: Michaela Yee	Is Screen Use Ruining Your Sleep?	Vancouver Island
BC Game Developer's Award	Intermediate: Alyosha Sylvester	Converting Sound Energy to Electrical Energy	Vancouver Island
BC Game Developer's Award	Senior: Richard Lee	"Expanded Polystyrene Foam" That Grows on Trees	Vancouver Island
BC Game Developer's Award	Junior: Mohammad Zakria Abdulrahimzai	Black Hole	West Kootenay
BC Game Developer's Award	Senior: Oscar Willems	NiMH Hybrid Batteries	West Kootenay
BC Game Developer's Award	Junior: Uriah Brown-Durham	Viscosity of Slimeology	Yukon-Stikine

Award Name	Awardee	Project Title	Region
BC Greenhouse Growers' Association Award	Alex Thorburn	The Effects of Mechanical Stress on Plants	Fraser Valley
BC Greenhouse Growers' Association Award	Benjamin Lee	AI-Powered Smart Plant Lighting	Greater Vancouver
BC Greenhouse Growers' Association Award	Nicholas Creanga	B.B.Paper	South Fraser

Award Name	Awardee	Project Title	Region
BC Hydro Power Pioneers Award	Carson Gauer	Dam Good Power	Cariboo Mainline
BC Hydro Power Pioneers Award	Kieran McDonald	Electric Lemons & Potatoes	Central Interior
BC Hydro Power Pioneers Award	Alexander MacGregor	Hydrogen: The Fuel Of The Future	East Kootenay
BC Hydro Power Pioneers Award	Gurmanav Brar and Saksham Sareen	Solar Polared Multi Use Student Backpack	Fraser Valley
BC Hydro Power Pioneers Award	Yona Sadaghdar	Save with a Stove	Greater Vancouver
BC Hydro Power Pioneers Award	Meron Fentabil and Anika Lovett	This Will Shock You!	Northern BC
BC Hydro Power Pioneers Award	Kenny Sevinski	Earth Battery	Northern Vancouver Island
BC Hydro Power Pioneers Award	Xavier Fleck	Boiling Over Efficiency	Pacific Northwest

BC Hydro Power Pioneers Award	William Rozmus	Renewable Tidal Energy Collection Prototype	South Fraser
BC Hydro Power Pioneers Award	Kaisheng Ma	Three-Track Transformable Robot for Emergency Rescue Detecting	Vancouver Island
BC Hydro Power Pioneers Award	Wyatt Thomas	Does temperature affect batteries and why	West Kootenay
BC Hydro Power Pioneers Award	Benjamin McFadyen	Kinetic Energy Battery	Yukon-Stikine

Award Name	Awardee	Project Title	Region
BC Nature Award	Junior: Lynnora Blurton	Wynne Davidson - Rocking Rope	East Kootenay
BC Nature Award	Senior: Sage Elliott	Should you Spray? The effects of common pesticides on ecosystems	Northern BC
BC Nature Award	Junior: Charlotte Banting-Spooner	How Does Mycelium Sequester Carbon?	Vancouver Island
BC Nature Award	Senior: Kaitlyn Chan	How Do the Impacts of Wildfires Affect the Growth of Plants	Vancouver Island
BC Nature Award	Junior: Catherine Penner	Such A Grape Project	West Kootenay

Award Name	Awardee	Project Title	Region
BC Science Teachers' Association Award	Flynn Honeyman	Testing Earthquake Soil Liquefaction on Different Foundations	Cariboo Mainline
BC Science Teachers' Association Award	Davis Benson	Slow Burn	Central Interior
BC Science Teachers' Association Award	Peighten Catsirelis	Tsunami Disaster	East Kootenay
BC Science Teachers' Association Award	Amraj Khangura and Mehtabinder Mondair	How Does Music Effect Concentration?	Fraser Valley
BC Science Teachers' Association Award	Colin Werner	Stop or Slide How Does Tire Wear Affect Stopping Distance?	Greater Vancouver
BC Science Teachers' Association Award	Mia Skauge	Dish is the Flow	Northern BC
BC Science Teachers' Association Award	Malcolm Cadwaladr	Molecular Gastronomy	Northern Vancouver Island
BC Science Teachers' Association Award	Abby Horner and Morgan Hamhuis	Exploration Carbonation	Pacific Northwest
BC Science Teachers' Association Award	Carmen Eastland and Aisha Khan	Oxidation	South Fraser
BC Science Teachers' Association Award	Andrei Marti	Sweet Scores	Vancouver Island
BC Science Teachers' Association Award	Della Berney	How does colour influence taste	West Kootenay
BC Science Teachers' Association Award	Lily Janssens	The Rubber Egg	Yukon-Stikine

Award Name	Awardee	Project Title	Region
Engineers and Geoscientists of BC Award	Jacob Malley and Ahmed Sheikh	In Ground Geological Engineer	Cariboo Mainline
Engineers and Geoscientists of BC Award	Prabnoor Sidhu	Mitigating the Effects of Debris Flows Part 2	Central Interior
Engineers and Geoscientists of BC Award	Rosalie Renaud-Lloyd, Reese Thumma	EXPLORER 1	East Kootenay
Engineers and Geoscientists of BC Award	Justin Yu	Zap the Lead Problem!	Fraser Valley
Engineers and Geoscientists of BC Award	Junior: Yana Choudhary	N.E.2Paste	Greater Vancouver
Engineers and Geoscientists of BC Award	Intermediate: Tara Zhan	HemiStride: Building a Low-Cost and Backdrivable Lower-Limb Exoskeleton for Hemiplegic Patients	Greater Vancouver
Engineers and Geoscientists of BC Award	Senior: Aaron Zhao	ExoTremor: A Low-Cost, 3D-Printed Exoskeleton that Suppresses Hand Tremors in Movement Disorder Patients	Greater Vancouver
Engineers and Geoscientists of BC Award	Rhett Bourgeau-Harnack	Shapes in a Cage	Northern BC
Engineers and Geoscientists of BC Award	Arsemia Fentabil	H2 for me and you	Northern BC
Engineers and Geoscientists of BC Award	Heather Kornylo	Auto Pend Lab	Northern Vancouver Island
Engineers and Geoscientists of BC Award	Kyler Roodzant	The Box to End All Boxes	Pacific Northwest
Engineers and Geoscientists of BC Award	Conner Farrell	Operation Anti-Algae	Pacific Northwest
Engineers and Geoscientists of BC Award	Soleil Brookes	Moss Filters: How they Affect Air Quality	Pacific Northwest
Engineers and Geoscientists of BC Award	Henry Xu	Sun Following Solar Panel	South Fraser

Engineers and Geoscientists of BC Award	Ayden Kuo	Exploration of An Energy Sustainable Approach to Enhance Heat Exchange	Vancouver Island
Engineers and Geoscientists of BC Award	Kylie Chow	Science of Slime	West Kootenay
Engineers and Geoscientists of BC Award	Melina Bouvier	Ooey Gluey	Yukon-Stikine

Award Name	Awardee	Project Title	Region
Genome BC Award	Jasmeet Sidhu	How are LNPS Crucial in the Covid-19 Vaccine and in Cancer Cure?	Fraser Valley
Genome BC Award	Arshjot Kaur Brar and Manmeet Dhaliwal	Fingerprint Analysis	Fraser Valley
Genome BC Award	Ann Wang	Battling Bacterial Biofilms	Greater Vancouver
Genome BC Award	Emily Pan	The Effect of pH on Antibiotic Resistance of E. coli K-12 Against Neomycin	Greater Vancouver
Genome BC Award	Tessa Russell	Dominant and Recessive Genes in Me	Northern Vancouver Island
Genome BC Award	Brycen Lefort	Strawberry DNA	Northern Vancouver Island
Genome BC Award	Russell Lewis and Angelo Loki	Electrolyte You	Pacific Northwest
Genome BC Award	Jonathan Gong	COVID-19 Chest X-ray Image Classification and Improved U-Net Segmentation	South Fraser
Genome BC Award	Albert Guo	Alzheimer's in 16x16 Words: Transformers for Biomarker-Based Diagnosis	South Fraser

Genome BC Award	Noah Grand	Environmentally Friendly Anti-Bacterial Cleaner	Vancouver Island
Genome BC Award	Marina-Jiayan Xie	Difference Between Lactose Intolerance and Dairy Allergy	Vancouver Island
Genome BC Award	Jasmin Schuff	What is the best way to melt ice off your pathways?	West Kootenay
Genome BC Award	Lila Beckmann and Isobel Clarke	How different contaminations effects plants	West Kootenay
Genome BC Award	Elissa Hoyt, Mackenzie Knutson	Bunny genetics	Yukon-Stikine

Award Name	Nominee	Project Title	Region
Genome BC Scholarship Nomination	Keanu Chan	PRrecision Exospinal Constructive Innovative Stereotactic Evolution (PRECISE)	East Kootenay
Genome BC Scholarship Nomination	David Li	The Peak of My Existence	Greater Vancouver
Genome BC Scholarship Nomination	Albert Guo	Alzheimer's in 16x16 Words: Transformers for Biomarker-Based Diagnosis	South Fraser
Genome BC Scholarship Nomination	Richard Lee	"Expanded Polystyrene Foam" That Grows on Trees	Vancouver Island
Genome BC Scholarship Nomination	Evan Howells	Flight of the Bumble Bee - A novel study exploring the foraging patterns of native bumble bees in the Southern Lakes region of Yukon	Yukon-Stikine

Award Name	Awardee	Project Title	Region
Julia Lane Award	Jacob Malley and Ahmed Sheikh	In Ground Geological Engineer	Cariboo Mainline
Julia Lane Award	Elencia Hazelton-Plante & Callie Peterson	Turn Off Your Phone	Central Interior
Julia Lane Award	Lynnora Blurton, Wynne Davidson	Rocking Rope	East Kootenay
Julia Lane Award	Loanna Affleck and Ayva Perras	The Health of the Local Waterways	Fraser Valley
Julia Lane Award	Zuzanna Klimkowska	The Unbe-leaf-able Solution to Deforestation	Greater Vancouver
Julia Lane Award	Swas Ghosh	Green pools of CO ₂ : The effects of CO ₂ on household plants	Northern BC
Julia Lane Award	Regina Kellington-Jones	Astrobiology on Mars	Northern Vancouver Island
Julia Lane Award	Allyson Boonstra and Danae Jaarsma	What Method of Water Purification Kills the Most Bacteria?	Pacific Northwest
Julia Lane Award	Sienna Juco	Proliferation Photosynthesis	South Fraser
Julia Lane Award	Reagan Morley	Say So Long to Soggy Straws!	Vancouver Island
Julia Lane Award	Ava Acree	Eroded!	West Kootenay
Julia Lane Award	Lillian Eberhard	Salty!	Yukon-Stikine

Award Name	Nominee	Project Title	Region
Julia Lane Scholarship Nomination	Jacob Malley and Ahmed Sheikh	In Ground Geological Engineer	Cariboo Mainline

Julia Lane Scholarship Nomination	Prabnoor Sidhu	Mitigating the Effects of Debris Flows Part 2	Central Interior
Julia Lane Scholarship Nomination	Adara Shilling	Plastic Roots	Greater Vancouver
Julia Lane Scholarship Nomination	Heather Kornlyo	Auto Pend Lab	Northern Vancouver Island
Julia Lane Scholarship Nomination	Sienna Juco	Proliferation Photosynthesis	South Fraser
Julia Lane Scholarship Nomination	Alexis Kuo	An Environmentally Friendly Approach to Extracting Heavy Metals from Solutions Utilizing Melanin Found in Hair	Vancouver Island

Award Name	Awardee	Project Title	Region
Michaels Crooks Physics Prize	Justin Farmer	Make The Wind Work for You	Cariboo Mainline
Michaels Crooks Physics Prize	Kacey Wilson	Light the Night	Central Interior
Michaels Crooks Physics Prize	Alex Aschacker	More Blades are Better than One	East Kootenay
Michaels Crooks Physics Prize	Deepraj Singh Gill	How Does a Commercial Jetliner Function?	Fraser Valley
Michaels Crooks Physics Prize	Ekjot Gill and Eknor Gill	Static Electricity	Fraser Valley
Michaels Crooks Physics Prize	Mackenna Brown	Is The Grass Really Greener?	Greater Vancouver
Michaels Crooks Physics Prize	Lucy Toews	Aerodynamic Efficiency in Paper Airplane Design	Northern BC
Michaels Crooks Physics Prize	Heather Kornlyo	Auto Pend Lab	Northern Vancouver Island

Michaels Crooks Physics Prize	Paul Wiebe	Holey Parachute	Pacific Northwest
Michaels Crooks Physics Prize	Siddharth Gumballi	The Future with Maglev	South Fraser
Michaels Crooks Physics Prize	Wakako Hagiwara	Paper Airplane	Vancouver Island
Michaels Crooks Physics Prize	William Li	Certrifugal Space Fitness Centre	West Kootenay
Michaels Crooks Physics Prize	Callum Nehring	Acceleration Point	Yukon-Stikine

Award Name	Nominee	Project Title	Region
Ministry of Transportation and Infrastructure Scholarship Nomination	Jacob Malley and Ahmed Sheikh	In Ground Geological Engineer	Cariboo Mainline
Ministry of Transportation and Infrastructure Scholarship Nomination	Prabhnoor Sidhu	Mitigating the Effects of Debris Flows Part 2	Central Interior
Ministry of Transportation and Infrastructure Scholarship Nomination	Alexander Niazi	Designing an Oxyhydrogen generator to innovate combustion engines to be zero emission by running on water	Greater Vancouver
Ministry of Transportation and Infrastructure Scholarship Nomination	Kaisheng Ma	Three-Track Transformable Robot for Emergency Rescue Detecting	Vancouver Island
Ministry of Transportation and Infrastructure Scholarship Nomination	Oscar Willems	NiMH Hybrid Batteries	West Kootenay

Award Name	Awardee	Project Title	Region
SCWIST Award	Lily Davis	Flight Plan	Central Interior
SCWIST Award	Isla Barron	CASH IN YOUR FASHION - A Local Solution to a National Problem	East Kootenay
SCWIST Award	Xauni de Figueiroa	Garbage Dust Solar Shield	Fraser Valley
SCWIST Award	Yana Choudhary	N.E.2Paste	Greater Vancouver
SCWIST Award	Maryam Khanum	Feasibility assessment of MFC to treat oil and gas produced water and generate electricity	Northern BC
SCWIST Award	Marquizha Rabinitas	Losing Time	Northern Vancouver Island
SCWIST Award	Ashley Penner and Ameya McEwen	Rust Busters	Pacific Northwest
SCWIST Award	Fayhaa Kafi	The Orange Brick 2.0	South Fraser
SCWIST Award	Kaitlyn Chan	How Do the Impacts of Wildfires Affect the Growth of Plants	Vancouver Island
SCWIST Award	Jasmine Chow	Can chip bags be used as an emergency blanket?	West Kootenay
SCWIST Award	Vada Kireti	No Sugar? No Problem!	Yukon-Stikine

Award Name	Awardee	Project Title	Region
Vancouver RASC Martha Pearse Award	Ramneek Singh	Satellite	Fraser Valley
Vancouver RASC Martha Pearse Award	Rodin Shokravi and Shilin Yuan	Using Piezo Actuators & AI to Efficiently Replicate Surface Characteristics of Various Materials	Greater Vancouver
Vancouver RASC Martha Pearse Award	Rhett Bourgeau-Harnack	Shapes in a Cage	Northern BC
Vancouver RASC Martha Pearse Award	Henry Xu	Sun Following Solar Panel	South Fraser
Vancouver RASC Martha Pearse Award	Nathan Hellner-Mestelman	I Need More Spacetime	Vancouver Island
Vancouver RASC Martha Pearse Award	Tianna Brisbin and Briar MacDonald	The Evolution of Earth	West Kootenay

Award Name	Awardee	Project Title	Region
Women in Engineering and Geoscience Award	Lexi Galbraith	Hydroponics: Gardening Without Soil	Cariboo Mainline
Women in Engineering and Geoscience Award	Prabhnoor Sidhu	Mitigating the Effects of Debris Flows Part 2	Central Interior
Women in Engineering and Geoscience Award	Olivia Sombrowski	The Naloxone Pen	East Kootenay
Women in Engineering and Geoscience Award	Seeret Bhatthal	Balloon Powered Car	Fraser Valley

Women in Engineering and Geoscience Award	Gurmannot Samra	Recycling Greywater	Fraser Valley
Women in Engineering and Geoscience Award	Selena Du and Stephanie Tamkee	Earthquake-Detecting Electricity Shut-Off Device	Greater Vancouver
Women in Engineering and Geoscience Award	Maryam Khanum	Feasibility assessment of MFC to treat oil and gas produced water and generate electricity	Northern BC
Women in Engineering and Geoscience Award	Sophia Von Schilling	Rainbow Milk	Northern Vancouver Island
Women in Engineering and Geoscience Award	Ashtyn Gingras	Save Our Soil	Pacific Northwest
Women in Engineering and Geoscience Award	Fayhaa Kafi	The Orange Brick 2.0	South Fraser
Women in Engineering and Geoscience Award	Reagan Morley	Say So Long to Soggy Straws!	Vancouver Island
Women in Engineering and Geoscience Award	Sadie Bruen and Farah Van't Land	What type of water works best through the process of electrolysis	West Kootenay
Women in Engineering and Geoscience Award	Arleigh Hierlihy	AwardH2O to Go	Yukon-Stikine