

Fraser Valley Regional Science Fair Award Winners 2025

SPECIAL AWARD WINNERS:

Abacus Dental Centre Award

- Ajit Singh Bhullar | Photo App | Khalsa School of the Fraser Valley
- Arithika Grover | Artificial Organs Using 3D Bio Printing | Dasmesh Punjabi School

Abbotsford-Mission Nature Club Award

- Connor Jones | The Importance of Wetlands | Ecole Mission Secondary School
- Agam Samra | Cryosphere Depletion | Dasmesh Punjabi School

Abbotsford/Sumas Rotary Club Award

- Angad Sidhu | Harvesting Wind Energy – A Working Model of a Wind Powered House | Dasmesh Punjabi School
- Navtaj Bhangu | Biodegradable Plastic: A Sustainable Alternative to Pollution | Dasmesh Punjabi School
- Huen Xie & Guntas Bawa | Implications of Diverse Vital Lung Capacity | Abbotsford Senior Secondary
- Dennis Golubev | Sticky Situation: Achieving Pesticide- Free Pollen with Enzymatic Synthesis | R.E. Mountain Secondary School

BC Agriculture in the Classroom Award

- Japji Kaur Buttar | How pH Level Affects Plants Growth | Khalsa School of the Fraser Valley

BC Green House Growers' Award

- Matthew Thorburn & Ali Shadid | The Effects of Hydrogels on Agriculture | Chilliwack Secondary School

BC Hydro Power Pioneers Award

- Harvinder Singh Gill | Nuclear Model | Khalsa School of the Fraser Valley

BC Nature Club Award

- Hargun Kaur Samra & Manriaya Johal | Thermal Energy: Conduction and Convection | |Khalsa School of the Fraser Valley
- Emily Thatcher & Madison Claeys-Chauvin | Water Filters | Hillside Traditional Elementary School
- Deepraj Singh Gill | Groundwater Conservation | Dasmesh Punjabi School
- Agam Samra | Cryosphere Depletion | Dasmesh Punjabi School

BC Science Teachers' Award

- Koursafia Randhawa | Turning Water into Hydrogen and Oxygen | Dasmesh Punjabi School Ibadat Gill

Dasmesh School Award - Secondary

- Caleb Vandergaag | Colour Affecting Plant Growth | Credo Christian High School
- Micah Friesen | The Effects of Dissolved Oxygen on Plants Grown in an Aquaponics | Chilliwack Secondary School

Dasmesh School Award - Middle

- Saheeb Kang & Harjaap Singh Tatla | Do Video Games Rot Your Brain | Dasmesh Punjabi School
- Kirat Gill | Airplanes Science Behind Sky's | Dasmesh Punjabi School

Dasmesh School Award - Elementary

- Gurnoor Thind | Self Watering System | Dasmesh Punjabi School
- Millar Clifton & Alex Stenner | Flower Power: The Power of Pollination | Mission Central Elementary School

Fraser Valley Rose Farm Award

- Millar Clifton & Alex Stenner | Flower Power: The Power of Pollination | Mission Central Elementary School

Genome BC Award

- Jiya Toor & Harsimran Dhillon | Animals Perception of the World | Dasmesh Punjabi School
- Dennis Golubev | Sticky Situation: Achieving Pesticide-Free Pollen with Enzymatic Synthesis Kang | RE Mountain Secondary School

IQ Engineering Award (Grade K-8)

- Fateh Malhi | Harnessing Gravity | Eugene Reimer Middle School

IQ Engineering Award (Grade 9-12)

- Daniel Kim | The Impact on Internal Temperature by Commercial Roofing Materials in the City of Vancouver | Chilliwack Secondary School

Julia Lane Award

- Kartar Sidhu | Do Plants Have Feelings? | Dasmesh Punjabi School

Langley Environmental Partners Society Award (Grade 6 – 8)

- Jasyn Litt | Power in Every Step: Piezoelectric Energy | Dasmesh Punjabi School

Langley Environmental Partners Society Award (Grade 9 – 12)

- Daneil Kim | The Importance on Internal Temperature by Commercial Roofing Materials in the City of Vancouver | Chilliwack Secondary School

Michael Crooks Physics Prize

- Koursafia Randhawa | Turning Water into Hydrogen and Oxygen | Dasmesh Punjabi School

Pat Tracey Innovation Award

- Nonit Gupta | Early Voices of Parkinson's: Discovering Machine Learning Methods for Optimal Parkinson's Detection | RE Mountain Secondary

SHAD Award

- Paares Kaur Baath | The Impacts of Screen Time on the Adolescent Brain | Dasmesh Punjabi School
- Ibadat Gill | Living Drugs for Type 1 Diabetes: CD19 CAR T Cells | Langley Fundamental Secondary
- Gurmuskaan Dhaliwal | Cognitive Disorders | Dasmesh Punjabi School

Society for Canadian Women in Science & Technology (SCWIST) Award

- Japji Mann | Facial Recognition Code | Dasmesh Punjabi School

UFV Agriculture Technology Award

- Rehmat Kaur Parmar | Reclaimed Water | Hillside Traditional Academy

UFV Biology Award (Grade K-8)

- Harsehaj Shergill & Karmun Shergill | Animals | Dasmesh Punjabi School

UFV Biology Award (Grade 9-12)

- Taron Kang | Acoustic Fertilization: Music and Plants | Credo Christian High School
- Huen Xie & Guntas Bawa | Implications of Diverse Vital Lung Capacity | Abbotsford Senior Secondary

UFV Chemistry Award

- Vitovt Chy Zhou | Temperature Versus Time during Distillation | Ecole Heritage Park Middle School

Dean of Science Award (Grade K-6)

- Veerpartap Curry | The Magic of Pulleys | Dasmesh Punjabi School
- Yuvraj Gill | Renewable Energy | Dasmesh Punjabi School

Dean of Science Award (Grade 7-12)

- Prabsimr Singh Samra | Conversion of Sound into Digital Signal | Khalsa School of the Fraser Valley
- Paares Kaur Baath | The Impacts of Screen Time on the Adolescent Brain | Dasmesh Punjabi School
- Nonit Gupta | Early Voices of Parkinson's: Discovering Machine Learning Methods for Optimal Parkinson's Detection | RE Mountain

UFV Mathematics Award

- Prabsimr Singh Samra | Conversion of Sound into Digital Signal | Khalsa School of the Fraser Valley

UFV Physics Award (Grade K-8)

- Sully Callaghan & Marcos Azevedo & Clarke Beattie | Aerodynamics: How it Works | Topham Elementary School

UFV Physics Award (Grade 9-12)

- David Liu | Soft Pneumatic Actuator Glove | Meadowridge School

UFV Statistics Award

- Sukhshan Buttar & Tajman Singh Ranu | Music and Motion | Dasmesh Punjabi School

Vancouver RASC Martha Pearse Award

- Ridhaan Gupta | Investigating How Different Colours Affect Solar Panel Energy Output | Peter Ewert Middle School

Science World Class Trip Award

- Lucas Alcock & Ben Severn | Cupcake Chemistry: Exploring Gluten-Free Flours for Celiac-Friendly Treats | Terry Fox Elementary

UFV Entrance Scholarship Award

- Mya Cheema & Harleen Mahal | United by Unique | Dasmesh Punjabi School

DIVISIONAL AWARD WINNERS

Honourable Mention

- Micah Friesen | The Effects of Dissolved Oxygen on Plants Grown in an Aquaponics System
- Sidak Dial & Mankirat Kang | Does your Hockey Stick Affect your Gameplay?
- Kirat Gill | Airplanes Science Behinds Sky's
- Ruhaani Khattra | The Effects of Space and Microgravity on the Human Body
- Sean Zhao | Effects of Light Pollution
- Pawanjot Jhaj | RC car technology
- Muskaan Grewal & Pushti Mittal | Importance of Trees
- Chanvir Kular | Sustainable Highways
- Kirat Gill | Neuroplasticity

Bronze

- Sumeet Dhillon | How Will AI and Technology Shape Our Future Brains?
- Matthew Thornburn & Ali Shahid | The Effects of Hydrogels on Agriculture
- Mandeep Sandhu | Hydraulic Elevator
- Ibadat Gill | Living Drugs for Type 1 Diabetes: CD19 CAR T Cells
- Raipartap Curry | Future Treatment for Anterior Uveitis
- Isabel Blades & Ivi Anderson | How does Pollution Affect Sea Animals
- Connor Jones | The Importance of Wetlands
- Jasmeet Dhaliwal & Tamisha Bains | Gene Therapy
- Olivia O'Neil & Anika Hanus | Dreams
- Gurleen Bhogal & Gurnoor Litt | The Hidden World of Bacteria: Friends or Foes?
- Sanchi Grover & Nimrat Sandhu | Dams

Silver

- Ajit Singh Bhullar | Photo App
- Jasleen Gill & Seeret Dhaliwal | Magnetic Mayhem
- Kaurasfia Randhawa | Turning Water into Hydrogen and Oxygen
- Max Larson | Rise of the Resistance
- Ezra Vanlaar | Altura Cima
- Kloee Dykstra | Horse Diseases
- Pavit Sharma & Manshan Samra | Lutetium-177
- Niyamat Dhaliwal | Water Electrolysis
- Jasmyrn Litt | Power in every step: Piezoelectric Energy
- Harjas Kanwar | Energy Harvesting using Casimir Forces and Vacuum Fluctuations
- Seerat Sidhu | Earthquake Structures
- Agam Samra | Cryosphere Depletion
- Ethan de Boer | When senses collide: a brief summary and analysis of synesthesia
- Arithika Grover | Artificial Organs Using 3D Bio printing
- Deepraj Singh | Groundwater conservation

Gold

- Dennis Golubev | Sticky Situation: Achieving Pesticide-Free Pollen with Enzymatic Synthesis
- Tammana Mand | Skin Cancers
- Gurmuskaan Dhaliwal | Cognitive Disorders
- Nonit Gupta | Early Voices of Parkinson's: Discovering Machine Learning Methods for Optimal Parkinson's Detection
- Huen Xi & Buntas Bawa | Implications of Diverse Vital Lung Capacity
- Harvinder Singh Gill | Nuclear Fusion
- Fateh Malhi | Harnessing Gravity
- Daniel Kim | The Impact on Internal Temperature by Commercial Roofing Materials in the City of Vancouver
- Anayat Dhillon | Beneath the Breakout
- Paares Kaur | The Impacts of Screen Time on the Adolescent Brain
- David Liu | Soft Pneumatic Actuator Glove
- Gurleen Dhaliwal & Abigail Trites | The Effects of Forest Fires on Plants and Soil

CANADA WIDE SCIENCE FAIR INVITATION WINNERS

- Dennis Golubev | Sticky Situation: Achieving Pesticide-Free Pollen with Enzymatic Synthesis | RE Mountain
- Nonit Gupta – Early Voices of Parkinson's: Discovering Machine Learning Methods for Optimal Parkinson's Detection | RE Mountain Secondary School
- Gurleen Dhaliwal & Abigail Trites | The Effects of Forest Fires on Plants and Soil | Chillwack Secondary School