

Hydro Québec
Montreal Regional Science & Technology Fair
2026

Prize Winners by School

Laval Senior Academy
March 31, 2026

www.sciencetech.ca

Dawson College / Vanier College

ERgo

Bronze Medal - Collegial
 Highest Distinction
 McGill University - Faculty of Science - Math and Statistics Award
 McGill University - Faculty of Science - Redpath Museum Award
 Super expo-sciences Hydro Québec (SESHQ) Participation Award

Zhijian Sun

Nu Kim Anh Ton

Herzliah High School

AI Sentry

Highest Distinction
 McGill University - Faculty of Engineering Award
 Regeneron International Science & Engineering Fair (ISEF) Participation Award - Alternate 2
 Super expo-sciences Hydro Québec (SESHQ) Participation Award

David Salasidis

Clearing Up Contraception

Distinction

Sadie Harris

Shireen Cale

Concrete Solutions

Distinction

Gabriella Hazan

Kate Shlien

Dance Styles and Cardiac Fitness

Great Distinction

Olivia Afilalo

Eco Step

Great Distinction
 McGill University - Peter Guo-hua Fu School of Architecture

Neil Weizman

Forever Friend

Distinction
 McGill University - Faculty of Science - Psychology Award

Stephanie Salis

Orly Goodman

Motor-Rehab Electrical Muscle Stimulator

Great Distinction

Jonah Yalovsky

Muscle Vision

Great Distinction
 Gina Cody School of Engineering and Computer Science: Award for Outstanding Achievement in Mechanical & Industrial Engineering

Nathaniel Afilalo

Kells Academy

<i>Automatic Chicken Coop Door</i> Great Distinction	Chloe de Staercke	Maria Elizaga
<i>Double-Slit Experiment</i> Distinction	Aaron Hamel	
<i>Eco-Irrigation System</i> Distinction	Leah Graça Chicogo Nisa	
<i>Human Battery Device</i> Great Distinction McGill University - Department of Materials & Mining Engineering Award	sari elkhoury	
<i>Joint Deterioration in the Knee How do</i> Distinction	Selena Raad	
<i>Medi Guess</i> Distinction	Adam Yaacoub	Sara Hafez
<i>Meteorological Radar</i> Distinction McGill University - Faculty of Science - Geography Award	Emil Halvorsen	
<i>No Fly</i> Great Distinction	Gabin de Staercke	
<i>Operation Superalgae</i> Great Distinction McGill University - Department of Materials & Mining Engineering Award	Maria Valera	
<i>Reconstruction of Spider Webs</i> Distinction	Yuri Yoshikawa	Kevin Torkzadeh
<i>Reusing Warm Water to Heat New Cold</i> Great Distinction McGill University - Faculty of Science - Physics Award	Shuojia Wang	Jad Faraj
<i>T-Identity</i> ADRIQ Young Innovators Award ExperiUM Award Gold Medal - Senior Highest Distinction McGill University - Faculty of Engineering Award Prix de l'Université de Montréal Regeneron International Science & Engineering Fair (ISEF) Participation Award - Alternate 1 Super expo-sciences Hydro Québec (SESHQ) Participation Award Yale Science & Engineering Association Award	Yuecheng Ma	

Kuper Academy

<i>3D Holographic Projection</i> Honorable Mention	Meiyan Ye	Cheuk Wing Nadia Chan
<i>A'N'D Smart Farms</i> Distinction	Armaan Saxena	Sze Chun Lee
<i>From Cup to Crop: Soil Booster</i> Great Distinction McGill University - Faculty of Science - Earth and Planetary Sciences Award	Athisna Nadarajah	Valerie Lam
<i>Smart Puck</i> Distinction	Mateo Acosta	
<i>The Tension is High!</i> Distinction	Jackson Wright	
<i>The Tr-AI-sh Sorter</i> Distinction	Abir Manocha	
<i>Turning Trash Into Treasure</i> Great Distinction Marianopolis College Science Award	Sarah Rego	Anvitha Gudumasu

Lakeside Academy

<i>Grasping the Future</i> Great Distinction	Isaac Baldwin-Reid	
<i>Is it Safe to Use Expired Makeup?</i> Distinction	Maeve Mercuri	Selena Ferrante
<i>Life comes in waves</i> Honorable Mention	Raphael Ismailov	
<i>Spot the Bot!</i> Great Distinction Marianopolis College Science Award	Blake McDonald	Mykyta Galin
<i>Straighten up! A smarter backpack design!</i> Great Distinction John Abbott College Science Award	Kayla Bassermann	

Laval Junior Academy

<i>Seeing VS Sensing: Vision-Based vs.</i> Gina Cody School of Engineering and Computer Science: Women in Engineering & Computer Science Award Highest Distinction Super expo-sciences Hydro Québec (SESHQ) Participation Award - Alternate 3	Trisha Singh	
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Laval Senior Academy

Algae-Based Bioplastic
Distinction

Leila Rakhsane

Amélie Langlois

ARC - Automated Rider Companion

Marc-Anthony Mourad

ExperiUM Award
Highest Distinction
McGill University - Faculty of Engineering Award
Ministère des Transports et de la Mobilité durable Award
Prix de l'Université de Montréal
Regeneron International Science & Engineering Fair (ISEF) Participation Award
Silver Medal - Senior
Super expo-sciences Hydro Québec (SESHQ) Participation Award

Automatic Pill Dispenser

Elizabeth Lew

Great Distinction
McGill University - School of Computer Science (Robotics) Award

Bioplastics and Daphnia Heart Rate

Michelle Baker

Noor Morsi

Great Distinction
McGill University - Faculty of Science - Atmospheric and Oceanic Sciences Award

Driving the Future

Natalia Valente

Distinction

Early Disease Detection program

Alishba Shah

Great Distinction
McGill University - Faculty of Science - Biology Award

Line Imagery: An Optimized Model

Marie-Pierre Tardif

Bronze Medal - Intermediate
Highest Distinction
McGill University - Faculty of Science Award
McGill University - School of Computer Science (Non Robotics) Award
Shad Community Changemaker Awards
Super expo-sciences Hydro Québec (SESHQ) Participation Award

Lower Canada College

From Hostile to Healing: A Nanozyme Jonathan Dong
 Bronze Medal - Senior
 Highest Distinction
 McGill University - Department of Bioengineering Award
 Regeneron International Science & Engineering Fair (ISEF) Participation Award
 Super expo-sciences Hydro Québec (SESHQ) Participation Award

NeuroNav for Map Learning Amelia Geng
 American Psychological Association Award
 Highest Distinction
 McGill University - Faculty of Science - Geography Award
 McGill University - Faculty of Science - Psychology Award
 Super expo-sciences Hydro Québec (SESHQ) Participation Award - Alternate 2

The Tau Train: A One-Way Trip to Eliana Li
 Great Distinction
 Marianopolis College Science Award

Loyola High School

Bâtir pour résister! Anthony Coirazza
 Curium of BLD Publications Award
 Great Distinction
 McGill University - Department of Civil Engineering Award

Changer la science avec de la cuisine Adrien Williams
 Curium of BLD Publications Award
 Distinction

The Effect of Homemade Air Filters on CO2 Gianmassimo Pietrangelo Justin Chiocchio
 Great Distinction

Macdonald High School

Bullseye Ronan Ivess
 Distinction

Flexexpectations Xavier Niemi Liam Rochon
 Gina Cody School of Engineering and Computer Science: Award for Outstanding Achievement in the Field of Engineering and/or
 Great Distinction

GoSeat Destiny Lyric Rivera
 Honorable Mention

PortaSun Oluwa(tobi)loba Opadokun Rebecca Johnson
 Highest Distinction
 Hydro-Quebec Energy Award
 Super expo-sciences Hydro Québec (SESHQ) Participation Award

The Magnitube Alex Lalonde
 Distinction

Marianopolis College***Automated Malaria Detection Framework***

Lucas Zhu

Gina Cody School of Engineering and Computer Science: Award for Outstanding Achievement in Building, Civil and Environmental
Great Distinction

Scalable Quantum Error Decoding with

Bill Xu

Kuan Yi Wang

Highest Distinction
McGill University - Department of Electrical & Computer Engineering Award
Regeneration International Science & Engineering Fair (ISEF) Participation Award
Réseau ACTION TI-Youth Award in Information Technology, Collegial Level
Silver Medal - Collegial
Super expo-sciences Hydro Québec (SESHQ) Participation Award

Spinocerebellar Ataxia Type 27B

Sophie Iny

Champlain College, St. Lambert Campus Science Award
Gold Medal - Collegial
Highest Distinction
McGill University - Faculty of Science - Math and Statistics Award
Prix de l'Université de Montréal
Super expo-sciences Hydro Québec (SESHQ) Participation Award

Weighing with Sound: Acoustic Levitation

Jason-Jichen Li

Josh Guan

Highest Distinction
McGill University - Faculty of Science - Physics Award
McGill University - Faculty of Science - Redpath Museum Award
Super expo-sciences Hydro Québec (SESHQ) Participation Award - Alternate 1
Turak Functional Nanomaterials Innovation Internship

MIND***Effect of Increased Conjugation in Organic***

Mohammadmatin Saedi

Highest Distinction
McGill University - Faculty of Science - Chemistry Award
Super expo-sciences Hydro Québec (SESHQ) Participation Award

Miss Edgar's & Miss Cramp's

<p><i>BioStik</i></p> <p>Highest Distinction McGill University, Faculty of Agricultural and Environmental Sciences Award Ricoh Sustainable Development Award Shad Community Changemaker Awards Silver Medal - Intermediate Young Talent Award / Prix Jeunes Talents</p>	<p>Karen Chen</p>	<p>Audrey Ciura</p>
<p><i>Bobby Bioplastic</i></p> <p>Highest Distinction McGill University - Department of Chemical Engineering Award</p>	<p>Vivian Liu</p>	<p>Lina Sadani</p>
<p><i>Fine-tuning Artificial Cartilage</i></p> <p>Great Distinction McGill University - Faculty of Science - Biology Award</p>	<p>Amelia Vinh</p>	<p>Rishika Sarkar</p>
<p><i>Forget Me Not</i></p> <p>Concordia University Entrance Scholarship Gold Medal - Intermediate Highest Distinction Hydro Québec FIRST PRIZE - Best Overall Project Award Promoting Opportunities for Women in Engineering (POWE) McGill University Réseau ACTION TI-Youth Award in Information Technology, Secondary Level Shad Community Changemaker Awards Super expo-sciences Hydro Québec (SESHQ) Participation Award</p>	<p>Aviana Machnes</p>	
<p><i>The Greener Guard</i></p> <p>Highest Distinction McGill University - Faculty of Science - Chemistry Award Super expo-sciences Hydro Québec (SESHQ) Participation Award Vanier College Science and Technology Award</p>	<p>Emily Archer</p>	<p>Catherine Lloyd</p>
<p><i>Warm Walks</i></p> <p>Distinction</p>	<p>Gulsah Gumus</p>	<p>Emma Greenspon</p>

North Star Academy

<p><i>Fueling the Future with Waste</i></p> <p>Distinction</p>	<p>Mina Marotta</p>	
<p><i>Homemade Biodegradable Straws - Which</i></p> <p>Honorable Mention</p>	<p>Chloe Cook</p>	<p>Any Jaramillo</p>
<p><i>Salt vs Plants: Face-Off!</i></p> <p>Great Distinction</p>	<p>Talina Colombo</p>	<p>Aya Faleeh</p>
<p><i>Solar Sunflower Tracker</i></p> <p>Gold Medal - Junior Honorable Mention Super expo-sciences Hydro Québec (SESHQ) Participation Award</p>	<p>Harini Kathirgamanathan</p>	

Pierrefonds Community High School

<i>Bana-Aids: Biodegradable Band-Aids</i> Highest Distinction McGill University, Faculty of Agricultural and Environmental Sciences Award Super expo-sciences Hydro Québec (SESHQ) Participation Award	Aaliyah Segal	Zoë Drogaris
<i>Designed to Disappear</i> Great Distinction John Abbott College Science Award	Kayla Gandia	Maryam Chughtai
<i>Formula 1 Windtunnel</i> Distinction	Mason Fasulo	
<i>Get a Grip</i> Great Distinction McGill University - School of Computer Science (Robotics) Award	Aidan Kerkhoven	
<i>Shutoff, The Program</i> Distinction	Bianca Guy	
<i>SusLock</i> Gina Cody School of Engineering and Computer Science: Award for Outstanding Achievement in Electrical and Computer Great Distinction	Adam Hamdaqa	

Royal West Academy

<i>Are "Clean" Hygiene Products Healthier</i> Great Distinction McGill University - Faculty of Science - Atmospheric and Oceanic Sciences Award	Jazmine Georgi	
<i>Home (Drey) Is Where the Squirrel Is!</i> Great Distinction McGill University - Faculty of Science - Earth and Planetary Sciences Award	Aoife Follett	
<i>How lens distance affects VR clarity</i> Distinction	Gino Bianco	
<i>Invisible Emissions - Collecting Tire Wear</i> Canadian Meteorological and Oceanographic Society (CMOS) Award Great Distinction McGill University - Faculty of Science Award	Rebecca O'Neill	Kathie Wei
<i>Less Scroll More Soul</i> Honorable Mention	Lilya Chea	
<i>Notula</i> Gina Cody School of Engineering and Computer Science: Award for Outstanding Achievement in Computer Science & Software Highest Distinction Shad Community Changemaker Awards Super expo-sciences Hydro Québec (SESHQ) Participation Award	Srijith Pradeep Kumar	Sparsh Nishit Shah
<i>PitchTrackML</i> Distinction	Archie Robbins	Lloyd Urminsky
<i>The Cookie Cutter Case</i> Distinction	Rosamaria Daniele	
<i>Which H2O Helps it Grow?</i> Distinction	Hunter Gonzalez	Alivia Carruthers

Selwyn House School

<i>Comparing the Strength & Flexibility of</i> Distinction	Tomás Faro Guerreiro	
<i>Creating a DIY Robotic Gripper</i> Honorable Mention	Abner Hu	
<i>Every Step Counts: Generating Renewable</i> Great Distinction	Alexandre Maietta	
<i>Form Meets Function</i> Distinction	Haiyuan Wang	Nico Ward
<i>From Pot to Crop</i> Distinction	Edi Obenaus	
<i>Time to Read the Fine Print: The AI Bias</i> Great Distinction McGill University - School of Computer Science (Non Robotics) Award	Liam Sarhan	Liam Velan

The Study

<i>3, 2, 1... say "Teeth"!</i> Distinction	Emily Chen	
<i>Metal Battle</i> Distinction	Emma Racicot-Charara	Helene Sun
<i>Siphon Says</i> Distinction	Sissi (Xinke) Yu	
<i>The Pull2Go Hanger</i> Great Distinction McGill University - Department of Mechanical Engineering Award	Tin Sik Sima Cheung	Lin (Emily) Sun