

HYDRO-QUÉBEC SUPER EXPO-SCIENCES, QUEBEC FINAL 2024:
150,000 in prizes and bursaries awarded to the winners!

Montreal, April 21, 2024 - The awards ceremony for the 2024 edition of the Hydro-Québec Super Expo-sciences, Quebec final, was held today at the cégep du Vieux Montréal in Montreal. A total of **\$150,000 in prizes and bursaries was awarded to exhibitors aged 12 to 20 from all four corners of Quebec, for their ingenious projects!**

The event was held under the honorary chairmanship of Mr. François Brassard, Vice-President – Integrated Energy System Design and Operation at Hydro-Québec: “Mobilizing and stimulating curiosity, science fairs have been inspiring Quebecers' thirst for innovation for generations,” said Mr. Brassard. “That's why, year after year, we choose to support these events and encourage the exhibitors to showcase their talent and efforts.”

“This science fair gives every young participant the power to shape the world, in his or her own way. Once again this year, the Hydro-Québec Super Expo-sciences, Quebec final, has provided inspiring testimony to the creative force driving Quebec's next generation of scientists. Congratulations to all the participants, and to the winners who distinguished themselves with their projects! Best wishes to the young people who will be representing Quebec in a few weeks at the Canada-Wide Science Fair. We support you wholeheartedly,” said Marthe Poirier, Director General of Réseau Technoscience.

“The cégep du Vieux Montréal is delighted to have hosted this delegation of bright, curious and passionate young people. The quality of the projects presented was exceptional, and we're very proud to see so many young people rallying around the advancement of science and innovation. There's no doubt that Quebec's next generation of scientists is assured!” declared Mylène Boisclair, Director General of cégep du Vieux Montréal.

Here's the list of the many winners who stood out in the 2024 edition of this prestigious science competition.

HYDRO-QUÉBEC FIRST PRIZE

Yohann Abraham-Erhart, a Secondary 2 student at the Alexander von Humboldt German International School in Baie-d'Urfé, near Montreal, was awarded the Hydro-Québec First Prize for the project with the highest score assigned by the judges. Yohann Abraham-Erhart left the Hydro-Québec Super Expo-sciences, Quebec final with a bursary of \$1,500, a trophy and a trip for two to Baie-James for his project **Detecting Colour Blindness Using Brain Signals**.

PARTICIPATION IN THE CANADA-WIDE SCIENCE FAIR

The adventure continues for the 6 winners behind the 4 projects selected in the Quebec final, who will be attending the Canada-Wide Science Fair 2024, to be held in Ottawa from May 25 to June 1. It will be an opportunity for this talented up-and-coming generation to fly the flag for Quebec!

Here is the list of finalists who have received their passes for the Canada-wide final:

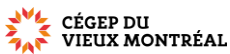
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Yohann Abraham-Erhart

Alexander von Humboldt German International School
Secondary 2
Region: Montreal Regional Science and Technology Fair
Project: Detecting Colour Blindness Using Brain Signals

Mickael Plante and Zachary Dostie

Polyvalente de Black Lake
Secondary 5
Region: Québec and Chaudière-Appalaches
Project: *Les algues sauvent les élèves!*

Nathan Vong and Rahul Patel

Marianopolis College
Pre-university program
Region: Montreal Regional Science and Technology Fair
Project: The Biological Shield

Myriam Yahia

Mont Notre-Dame School
Secondary 1
Region: Estrie
Project: *CAS-ser l'ADN!*

MEDAL WINNERS

Réseau Technoscience awarded medals to 15 young persons for their projects. The medals are accompanied by cash bursaries courtesy of Fasken.

COLLEGE CLASS

Réseau Technoscience Medal - College Gold - \$500

Nathan Vong and Rahul Patel

Marianopolis College
Pre-university program
Region: Montreal Regional Science and Technology Fair
Project: The Biological Shield

Réseau Technoscience Medal - College Silver - \$300

Jasmin Pelletier

Cégep de Jonquière
Pre-university program
Region: Saguenay - Lac-Saint-Jean
Project: *Science pour tous?*

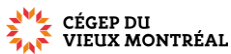
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Réseau Technoscience Medal - College Bronze - \$200

Juliette Caisse L.

École forestière de La Tuque
Technical program
Region: Mauricie and Centre-du-Québec
Project: *La santé par la forêt*

SENIOR CLASS

Réseau Technoscience Medal - Senior Gold - \$500

Mickael Plante and Zachary Dostie

Polyvalente de Black Lake
Secondary 5
Region: Québec and Chaudière-Appalaches
Project: *Les algues sauvent les élèves!*

Réseau Technoscience Medal - Senior Silver - \$300

William Pharand

École de la Montée
Secondary 5
Region: Estrie
Project: *L'ADN à la rescousse des amphibiens*

Réseau Technoscience Medal - Senior Bronze - \$200

Raphaël Landry-Versailles

École de la Montée
Secondary 5
Region: Estrie
Project: *Le trieur de Lego intelligent*

INTERMEDIATE CLASS

Réseau Technoscience Medal - Intermediate Gold - \$500

Yohann Abraham-Erhart

Alexander von Humboldt German International School
Secondary 2
Region: Montreal Regional Science and Technology Fair
Project: *Detecting Colour Blindness Using Brain Signals*

Réseau Technoscience Medal - Intermediate Silver - \$300

Éliam Lacroix

École secondaire de l'Odyssée / Lafontaine
Secondary 2
Region: Saguenay - Lac-Saint-Jean
Project: *De l'écran à la table*

Réseau Technoscience Medal - Intermediate Bronze - \$200

Maéli Grignon

Polyvalente Marcel-Landry
Secondary 3
Region: Montérégie
Project: *Lorsqu'il est impossible de voir ce qu'on observe*

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JUNIOR CLASS

Réseau Technoscience Medal - Junior Gold - \$500

Myriam Yahia

Mont Notre-Dame School
Secondary 1
Region: Estrie
Project: *CAS-ser l'ADN !*

Réseau Technoscience Medal - Junior Silver - \$300

Evelyne Lavoie

École secondaire de l'Odysée / Lafontaine
Secondary 1
Region: Saguenay - Lac-Saint-Jean
Project: Basket-ball: *Filles vs Garçons*

Réseau Technoscience Medal - Junior Bronze - \$200

Emma Thibault-Pelletier and Élisa Boulay

Collège Saint-Sacrement
Secondary 1
Region: Rive-Nord
Project: *Un animal dur à cuir*

EVEN MORE WINNERS!

Award from the Université du Québec network - Bursary for the next generation of scientists

Mickael Plante and Zachary Dostie

Polyvalente de Black Lake
Secondary 5
Region: Québec and Chaudière-Appalaches
Project: *Les algues sauvent les élèves!*

Award from the Université du Québec network - Discovery bursary

Myriam Yahia

Mont Notre-Dame School
Secondary 1
Region: Estrie
Project: *CAS-ser l'ADN !*

University of Ottawa Award

Nathan Vong and Rahul Patel

Marianopolis College
Pre-university program
Region: Montreal Regional Science and Technology Fair
Project: The Biological Shield

Université du Québec à Chicoutimi Award

Éliam Lacroix

École secondaire de l'Odysée / Lafontaine
Secondary 2
Region: Saguenay - Lac-Saint-Jean
Project: *De l'écran à la table*

Université de Sherbrooke Award

Jasmin Pelletier

Presenting partner



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Host establishment



Cégep de Jonquière
Pre-university program
Region: Saguenay - Lac-Saint-Jean
Project: *Science pour tous?*

Concordia University Award

Yohann Abraham-Erhart

Alexander von Humboldt German International School
Secondary 2
Region: Montreal Regional Science and Technology Fair
Project: Detecting Colour Blindness Using Brain Signals

Université Laval's Faculty of Science and Engineering Scholarship Award

William Pharand

École de la Montée
Secondary 5
Region: Estrie
Project: *L'ADN à la rescousse des amphibiens*

Raphaël Landry-Versailles

École de la Montée
Secondary 5
Region: Estrie
Project: *Le trieur de Lego intelligent*

Université de Montréal Award

Maéli Grignon

Polyvalente Marcel-Landry
Secondary 3
Region: Montérégie
Project: *Lorsqu'il est impossible de voir ce qu'on observe*

Université de Sherbrooke Scholarship Award

William Pharand

École de la Montée
Secondary 5
Region: Estrie
Project: *L'ADN à la rescousse des amphibiens*

Antoine Choinière

Collège Saint-Alexandre de la Gatineau
Secondary 4
Region: Outaouais
Project: *La trajectoire parfaite*

Marwane Seladji

Collège Français
Secondary 4
Region: Montérégie
Project: *Virus: fléaux ou héros? Quand les virus changent de camps...*

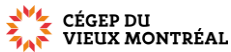
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Ilyas Yani Tazamoucht

Collège Saint-Louis
Secondary 5
Region: Montréal
Project: Skateboard Électrique

Boris Irissou and Nils Frejinger Robert

Collège Durocher Saint-Lambert
Secondary 4
Region: Montérégie
Project: *Imprimer l'avenir!*

Shlomo Sorokin

Azrieli Talmud Torah - Herzliah schools
Secondary 5
Region: Montreal Regional Science and Technology Fair
Project: Terminal Copilot

Léanne Foy

Polyvalente Marcel-Landry
Secondary 4
Region: Montérégie
Project: *Les cellules souches*

Simon Zhu

Collège Notre-Dame
Secondaire 4
Region: Montréal
Project: BuddyBoard: *échiquier automate*

Evelyne Lavoie

École secondaire de l'Odysée / Lafontaine
Secondary 1
Region: Saguenay - Lac-Saint-Jean
Project: Basket-ball: *Filles vs Garçons*

Innovateur en chef du Québec Award

David Salasidis

The Azrieli Talmud Torah - Herzliah schools
Secondary 3
Region: Montreal Regional Science and Technology Fair
Project: ProtoFlow

Polytechnique Montréal Award

Liam Dritsas-Sirois and Loïk Mallat

Collège Sainte-Anne
Secondary 5
Region: Montréal
Project: *Station Apollon*

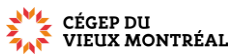
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Award from the ministère de l'Économie, de l'Innovation et de l'Énergie
Isolde Mckay and Sophia Ross

Pierrefonds High School
Secondary 4
Region: Montreal Regional Science and Technology Fair
Project: HydroPure

Irma-LeVasseur Scholarship from the Secrétariat à la Condition féminine
Alexandra Bradley-Dull and Nicole Goodman

Miss Edgar and Miss Cramp School
Secondary 5
Region: Montreal Regional Science and Technology Fair
Project: The EcoMunch Sticker

ADRIQ "Jeune Innovateur" Award

Raphaël Landry-Versailles

École de la Montée
Secondary 5
Region: Estrie
Project: *Le trieur de Lego intelligent*

Award from the Ordre des chimistes du Québec

Flavie Duchesne

Centre éducatif l'Abri
Secondary 3
Region: Côte-Nord
Project: *Cyanobactéries en croissance*

Ubisoft Education Award

Jean-Victor Gaudreault

Collège des Compagnons
Secondary 4
Region: Québec and Chaudière-Appalaches
Project: *Musique-Hal*

Oser la science Award

Léo Lamontagne and Tristan Veilleux

Polyvalente de Normandin
Secondary 3
Region: Saguenay - Lac-Saint-Jean
Project: *De la poubelle à la bobine*

Award from the ministère des Transports et de la Mobilité durable

Anubhab Bhowmick and Srijith Pradeep Kumar

Royal West Academy
Secondary 2
Region: Montreal Regional Science and Technology Fair
Project: SmartFlow Traffic System

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Alcoa Foundation Award

Mickael Plante and Zachary Dostie

Polyvalente de Black Lake
Secondary 5
Region: Québec and Chaudière-Appalaches
Project: *Les algues sauvent les élèves!*

ACFAS Award

Liam Dritsas-Sirois and Loïk Mallat

Collège Sainte-Anne
Secondary 5
Region: Montréal
Project: *Station Apollon*

Award from the Fédération du personnel professionnel des universités et de la recherche

Julianne Gagnon

Collège Saint-Charles-Garnier
Secondary 3
Region: Québec and Chaudière-Appalaches
Project: *Une pincée de feu pour le système nerveux*

Fouad Aimen Ounis

Collège Saint-Sacrement
Secondary 4
Region: Rive-Nord
Project: *Imprimer la vie de demain!*

Award from the Fédération du personnel professionnel des universités et de la recherche -
Social Sciences and Social Networks

Éliam Lacroix

École secondaire de l'Odyssée / Lafontaine
Secondary 2
Region: Saguenay - Lac-Saint-Jean
Project: *De l'écran à la table*

Award from the Association pour l'enseignement de la science et de la technologie au Québec
(AESTQ)

Boaz Krivirov

Azrieli Talmud Torah - Herzliah schools
Secondary 5
Region: Montreal Regional Science and Technology Fair
Project: *Revvng up Efficiency*

Fasken Award

Jasmin Pelletier

Cégep de Jonquière
Pre-university program
Region: Saguenay - Lac-Saint-Jean
Project: *Science pour tous?*

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Fasken Award

Juliette Caisse L.

École forestière de La Tuque
Technical program
Region: Mauricie and Centre-du-Québec
Project: *La santé par la forêt*

Prix Énergie Hydro-Québec

Bao-Vy Chiem and Samuel Cumming

Collège Jean-Eudes
Secondary 4
Region: Montréal
Project: *L'éolienne du futur?*

Camille Rousseau Award

Keyu Hu

Collège Saint-Louis
Secondary 4
Region: Montréal
Project: Tree-spAI: *Nouvelle approche de suivi forestier optimisé par un drone identifiant 20 espèces d'arbres*

Award from the Centre de Recherche du CHU de Québec-Université Laval

Sirine Djani

École Louis-Philippe-Paré
Secondary 5
Region: Montérégie
Project: *Les bienfaits neurologiques de la course à pied*

FRANCIS-BOULVA RECOGNITION AWARD

This honorary award recognizes the exceptional work of exhibitors who have achieved the feat of reaching the Hydro-Québec Super Expo-sciences, Quebec final three times. Each exhibitor received an honorary plaque and a \$400 bursary.

Alexander Skorobogatiy
Montréal

Chloé Beauchamp
Outaouais

Anastasia Skorobogatiy
Montréal

Sara Poulin
Saguenay–Lac-Saint-Jean

Québec Science Prize, electronic subscription to Québec Science magazine

This prize was awarded by random draw to 24 participants in the 2024 Quebec final.

Summaries of the projects presented at the Hydro-Québec Super Expo-sciences, Quebec final 2024 are available at technoscience.ca.

For those interested in watching the awards ceremony, the webcast is available on the [Réseau Technoscience YouTube](#) channel.

Follow us and stay informed!

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All information about the Hydro-Québec Expo-sciences is available at technoscience.ca. Find Expo-sciences on [Facebook](#) and [Instagram](#). To make sure you don't miss anything, just follow the #osezscience keyword.

Thanks to our valued partners

The Hydro-Québec Expo-sciences is a program of Réseau Technoscience and its member organizations. Expo-sciences is made possible by the support of Hydro-Québec, the presenting partner. This annual scientific competition is financially supported by the ministère de l'Économie, de l'Innovation et de l'Énergie, through the NovaScience program. The Technoscience Network also enjoys the support of major national partners such as the Fédération du personnel professionnel des universités et de la recherche (FPPU), the Alcoa Foundation, Fasken, Université Laval's Faculty of Science and Engineering, and Ubisoft. Publications BLD is a media partner of the Hydro-Québec Expo-sciences.

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Réseau Technoscience

Information and management of interviews

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About Réseau Technoscience

With members across Quebec, the Réseau Technoscience's mission is to stimulate and transmit a passion for science, technology and innovation among young people, while encouraging the emergence of the next generation of scientists. Each year, nearly 150,000 young people at primary, secondary and college levels are reached by its various programs: Expo-sciences, Défis technologiques, Les Débrouillards – Animations scientifiques, l'Odyssée de l'objet and Innovateurs à l'école et à la bibliothèque. The Réseau Technoscience also distributes a number of science teaching kits and activities for primary and secondary schools. Réseau Technoscience programs are financially supported by the ministère de l'Économie, de l'Innovation et de l'Énergie, through the NovaScience program.

About the NovaScience program

This program is designed to promote a greater understanding of science and technology among young people and the general public, and the development of the next generation of scientists and technologists.