

Press release  
For immediate release

**HYDRO-QUÉBEC EXPO-SCIENCES, REGIONAL FINAL OF  
MRSTF 2024**  
**Hydro-Québec First Prize goes to the  
*Guardian Helmet!***

Presenting partner



**Laval, March 26** – Adam Hamdaqa, Grade 7 students at Pierrefonds Community High School, in Montreal, is the winner of the highest distinction at the regional finals held from March 24 to 26, at Laval Senior Academy. Thanks to their design project in Engineering, Computer Science and Robotics, entitled *Guardian Helmet*, he won **the Hydro-Québec First Prize**, awarded to the best project in all categories, with a \$750 bursary and a trophy.

**Project summary**

The Guardian Helmet is designed with safety and security in mind. With a built-in accelerometer and fall detection, the Guardian Helmet can determine how fast a person is riding their bicycle and can contact your guardian (and emergency services) if a fall is detected, so that your loved ones can easily find your location and come to your safety.

Adam says he was truly inspired to participate in science fairs after attending a regional fair a few years ago, where his older sister was participating.

**Adam Hamdaqa also won the following awards:**

- Prize for participation in the Hydro-Québec Super Expo-sciences, Quebec final, to be held from April 19 to 21, 2024 at the Cégep du Vieux Montréal.
- Gold medalist – Junior category
- Curium of BLD Publications Award, a two (2) year subscription to the Curium Magazine
- ADRIQ Young Innovators Award, one (1) cash prize of \$150 for a design project with the most original solution to a concrete problem, and has the potential for commercialization.
- Highest Distinction

**Over \$30,000 in prizes were handed out!**

At the awards ceremony, some of the 131 exhibitors won several prizes. It was a great opportunity to reward the efforts of all participants!

**The science fair adventure continues**

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**MONTREAL REGIONAL SCIENCE & TECHNOLOGY FAIR (MRSTF), REGIONAL FINAL**  
LAVAL, QC • MARCH 24-26, 2024

A regional delegation of 15 projects, including the winner(s) of Hydro-Québec's top prize, will take part in the Hydro-Québec Super Expo-sciences, Quebec Final 2024.

You're invited to come and rediscover their project at this final, which will bring together the best projects in Quebec from April 19 to 21, 2024.

The competition doesn't stop there: the projects that stand out from the crowd could be selected for the Canada-Wide Science Fair, to be held from May 25 to June 1, 2024 in Ottawa.

Presenting partner



**Thanks to our partners**

The Hydro-Québec Expo-Sciences are a program of Réseau Technoscience and its regional organizations. They are made possible by the support of Hydro-Québec, the presenting partner. This annual science competition is financially supported by the "Ministère de l'Économie, de l'Innovation et de l'Énergie", through the NovaScience program. Réseau Technoscience also benefits from the support of major national partners such as the "Fédération du personnel professionnel des universités et de la recherche" and technology partner Ubisoft. BLD publications (Les Explorateurs, Les Débrouillards and Curium) are media partners of the Hydro-Québec Expo-sciences.

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For the Montreal Regional Science & Technology Fair, several regional partners also contributed to making the regional final a success: Laval Senior Academy, Sir Wilfrid Laurier School Board, English Montreal School Board, Lester B. Pearson School Board and QAIS.

Our regional prize donors also supported the event through their wonderful and thoughtful contributions: McGill University Faculty of Engineering, McGill University Faculty of Science, McGill University Faculty of Agricultural and Environmental Sciences, McGill University's POWE (Promoting Opportunities for Women in Engineering), Concordia University's Gina Cody School of Engineering and Computer Science, Marianopolis College, Vanier College, Bishop's University, Champlain College Saint-Lambert and Dawson College.

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All information about the Hydro-Québec Science Fair is available on the [technoscience.ca](http://technoscience.ca) website.

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**About the Educational Alliance for Science and Technology (EAST) and Réseau Technoscience :**

The Educational Alliance for Science & Technology is a non-profit organization whose mission is to promote science and technology, especially among young people.



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With members across Quebec, Réseau Technoscience stimulates and transmits a passion for science, technology and innovation among young people, while encouraging the emergence of the next generation of scientists. Réseau Technoscience offers the following programs in particular: Expo-sciences, Défis technologiques, Les Débrouillards - Animations scientifiques and Les Innovateurs à l'école. It also distributes a number of science teaching kits and activities for primary and secondary schools.

**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.

**For further information:**

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