

YSC receives NSERC PromoScience grant to inspire students to do STEM projects

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Featured Image:



Youth Science Canada granted \$540,000 over three years to enable 30,000 Grade 5-12 students and their teachers to visit the Canada-Wide Science Fair.

Youth Science Canada (YSC) is pleased to announce its continued support for inspiring and challenging the next generation of Canadian scientists and engineers made possible with \$540,000 over three years [1] in NSERC PromoScience [2] funding.

YSC fuels the curiosity of Canadian youth and challenges them to transform their questions and ideas into science, technology, engineering and mathematics (STEM) projects that tackle real and important issues. The results are astounding. The funding from PromoScience will help YSC inspire and engage 30,000 students and their teachers, in three cities and four provinces, by enabling them to experience Canada's largest youth STEM outreach event - the Canada-Wide Science Fair/Expo-sciences pancanadienne.

The weeklong event in May features 400 remarkable STEM projects presented by 500 grade 7-12/Cégep students from every province and territory; 100 interactive hands-on STEM exhibits from post-secondary institutions, agencies, companies, museums, and other youth STEM promotion partners; as well as demonstrations and presentations that inspire, engage, and excite. Each year, 10,000 middle and early secondary school students (primary 5-6 and secondary 1-2 in Québec) and their teachers will prepare for, be transported to, and experience a day of STEM immersion at the flagship national youth event of Science Odyssey, Canada's ten-day celebration of discovery and innovation, powered by NSERC.

"For almost 60 years, YSC has worked to inspire young Canadians to develop STEM skills by investigating intriguing questions and finding solutions to challenging problems through STEM projects," said Reni Barlow, YSC Executive Director. "Together with over 100 member organizations in every province and territory, we inspire, support and celebrate Canada's young scientists and engineers at regional science fairs, the Canada-Wide Science Fair and on the international stage as Team Canada. Our Smarter Science/Éducascience program helps K-12 teachers successfully develop STEM skills and projects in their classroom. We've trained thousands of teachers, in every grade, from coast to coast to coast. Support from NSERC PromoScience is most appreciated as it will help us inspire and engage students and teachers across the country.?"

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About NSERC NSERC invests over \$1.2 billion each year in natural sciences and engineering research in Canada. Our investments deliver discoveries?valuable world-firsts in knowledge claimed by a brain trust of over 11,000 professors. Our investments enable partnerships and collaborations that connect industry with discoveries and the people behind them. Researcher-industry partnerships established by NSERC help inform research and development and solve scale-up challenges.

NSERC also provides scholarships and hands-on training experience for more than 30,000 post-secondary students and post-doctoral fellows. These young researchers will be the next generation of science and engineering leaders in Canada. PromoScience provides financial support for organizations working with young Canadians to promote an understanding of science and engineering (including mathematics and technology).

About Youth Science Canada Founded in 1962, Youth Science Canada (YSC) is one of the country?s leading national youth STEM outreach networks. Roughly 500,000 K-12/Cégep students in Canada do a STEM project every year using YSC?s standards. Powered by 8,000 volunteers in every province and territory, our network of over 100 community-based member organizations hosts 25,000 of these students at regional science fairs. These young scientists interact with STEM professionals who review their projects and select 500 finalists for the weeklong Canada-Wide Science Fair/Expo-sciences pancanadienne. Other programs include: Team/Équipe Canada, which develops and selects students to represent the country at international youth STEM competitions and events; and Smarter Science/Éducascience, a professional development program of full-day workshops and resources that helps K-12 teachers successfully implement STEM investigations and projects in their classroom. For more information, please visit youthscience.ca [5].

Source URL: <https://youthscience.ca/news/ysc-receives-nserc-promoscience-grant-inspire-students-do-stem-projects>

Links

[1] http://www.nserc-crsng.gc.ca/Promoter-Promotion/PromoScience-PromoScience/Recipients-Laureats/index_eng.asp

[2] http://www.nserc-crsng.gc.ca/Promoter-Promotion/PromoScience-PromoScience/About-Apropos_eng.asp

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[5] <https://youthscience.ca>