



AWARDS CEREMONY



59th Annual Canada-Wide Science Fair
Ottawa, ON • May 17-21, 2021



2021



Youth Science Canada
Sciences jeunesse Canada

THANK YOU TO OUR SPONSORS

INNOVATORS



DEVELOPERS



MESSAGE FROM YOUTH SCIENCE CANADA



Reni Barlow
Executive Director

Youth Science Canada has been pleased to present our first ever virtual Canada-Wide Science Fair, showcasing and recognizing the country's top young scientists and innovators, and welcoming diverse partners to create an inspiring celebration of science, technology, engineering, and mathematics (STEM).

As always, the finalists have impressed us with the quality of their projects and their creativity in tackling eight important challenges that face our communities, the country, and the world. I commend every one for their perseverance and commitment to their projects through a most challenging year.

Throughout this week, over 100 adult delegates provided support and guidance, 250 volunteer judges shared their time and expertise, 75 community and national volunteers helped make this possible, and we welcomed

thousands of virtual visitors, including students, teachers, and the public.

None of this would be possible without our generous sponsors, who continue to demonstrate their belief in our commitment to fueling the curiosity of Canadian youth through STEM projects – and developing Canada's top young scientists and engineers.

Finally, it is my pleasure to thank the 2021 Host Team, our dedicated national volunteers and our staff for ensuring the success of this year's fair, despite the challenge of a global pandemic. They have provided CWSF 2021 participants and visitors with a unique and memorable virtual scientific, cultural and social experience.

YOUTH SCIENCE CANADA

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 cwsf.ysc  cwsf_esp  cwsf_esp  cwsf_esp

OTTAWA HOST TEAM

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Michelle Campbell Mekarski
Sabrina Chan
Pamela Iraheta Muniz
Chelsea Kealey
Valerie Lefebvre

Nika Elmi
Megan Howse
Madelaine Lazurko
Cyril Mani
Kelcie Miller-Anderson
Chantal O'Neil
Tamara Radovic
Shuaa Rizvi
Katie Schlosser
Aiden Simard
Samantha Stuart
Holly Tetzlaff
Ryan Wang
Jackson Weir
Manel Zeghal

AMBASSADORS

Laurissa Christie (Co-Coordinator)
Austin Sawyer (Co-Coordinator)
Katie Brent
Andrea Chan
Maria Duynisveld

YSC HOST TEAM

Reni Barlow (Executive Director)
Lori Murray (Admin Assistant)
Melina Found (Youth STEM Project Development Director)
Julia McDevitt (CWSF Fair Director)
Liette Philippe (STEM Expo & Outreach Manager)
Becky Geneau (Outreach Coordinator)
Dominic Tremblay (French Services, Smarter Science & IT)
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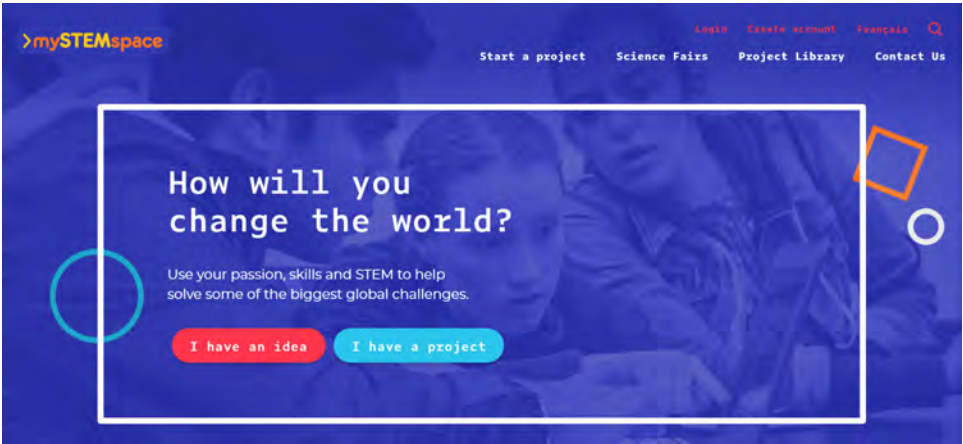


>mySTEMspace

HOW WILL YOU CHANGE THE WORLD?

Youth Science Canada is excited to announce our new STEM website, **mySTEMspace.ca**

This is the spot for any student in Canada to use their passion, skills and STEM to help solve some of the biggest global challenges. Make your idea become reality - follow the steps to creating a STEM project, create an account to access project workspace, and use the resources and videos to take your project to the next level. Whether it's your first project or you've got lots of experience, **mySTEMspace.ca** will support you in developing your idea, following your curiosity, and applying your passion to new discoveries and innovations.



RECOGNIZING EXCELLENCE

A week-long, national event, the Canada-Wide Science Fair (CWSF) brings together top students from across the country to compete for nearly \$1 million in cash, scholarships and exclusive science opportunities. Those who qualify have distinguished themselves from amongst the approximately 25,000 young Canadians who compete in regional science fairs.

Apart from the science, the fair is its own unique experience. The event, in a different part of Canada every year, brings together kids from the most remote regions of the country and their urban counterparts. Sightseeing tours, special events, dances – each Host Committee goes out of its way to showcase the cultural, natural and human qualities of their part of the country. In 2021, the experience is 100% virtual.

The purpose of the CWSF Awards is to reward outstanding scientific and technological achievements and excellence by Canada's young scientists at the national level and to recognize those national finalists at the Canada-Wide Science Fair whose achievement places them above the rest.

Youth Science Canada, with its National Judging Policy Committee, establishes the criteria for awards, sets the judging standards, oversees selection of the CWSF Chief Judge, recruits award sponsors and organizes the presentation of the awards.

The CWSF Chief Judge recruits and trains judges, coordinates the judging process and selects the Special, Challenge, and Excellence Award recipients. A special Youth Science Canada panel selects the Grand Award recipients from the gold medal winners.

Awards are assigned to the best eligible project on the basis of ranking projects relative to others at the current CWSF.



Jeff Hoyle, PhD
National Judge-in-
Chief



Paula Piilonen, PhD
Chief Judge



FROM INQUIRY TO INNOVATION

Established in 1962, Youth Science Canada fuels the curiosity of Canadian youth through science, technology, engineering and mathematics (STEM) projects. We work to ensure that Canadian youth have the capacity and skills to generate and answer questions and identify and solve problems.

To this end, we help to provide a variety of opportunities for interested youth to get involved in exciting and imaginative inquiry and project-based science. More than 8,000 dedicated volunteers nationwide help us to achieve this. And thanks to these combined efforts, every year in Canada, more than 500,000 bright, inquisitive minds get involved in project-based science — about the same number of Canadian youth as are registered in minor hockey. These young science enthusiasts are Canada's next generation of innovators and entrepreneurs.

We are proud to play a key role in inspiring these emerging science leaders to explore the world of science and to choose a career in Canada in science and science-related fields such as engineering and technology.

We are the leading youth STEM project organization in the country and the Canada-Wide Science Fair is the foremost annual youth STEM event in Canada. We encourage schools, teachers, parents, corporations, and governments across the country too, inviting them to join us in engaging, mentoring and supporting Canada's young scientists. We are firmly committed to building Canada as a science and innovation nation.



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CANADA'S YOUNG SCIENTISTS ON THE WORLD STAGE

International competitions and experiences give Canada's top young scientists the chance to showcase their projects and benchmark their work against the best in the world.

TEAM CANADA-ISEF

Team Canada-ISEF competes against more than 1,800 top science fair students and projects from 75 nations at the world's premier international competition, the Regeneron International Science and Engineering Fair (ISEF). Held during the same week as the CWSF, the event offers nearly \$4 million in scholarships, tuition grants, internships and scientific field trips to winning finalists. Team Canada-ISEF is generously supported by Youth Can Innovate.

Over the past 20 years, Team Canada-ISEF has enjoyed spectacular success, most recently winning the US\$75,000 top award in 2015 and again in 2016.

Each year the team is selected through a competitive national selection process that begins in October and concludes in March. For information about Team Canada-ISEF, including results for the 2021 team, visit tc.youthscience.ca.

Congratulations and our best wishes to Team Canada-ISEF 2021.

Dheiksha Jayasankar – St. Catharines, ON
*Identification of Antimicrobials for Topical Use in *Annona muricata**

Haolin Li & Jason Teng – Toronto, ON
Analysis of the Correlation between Immunogenomic Phenotype and Patient Outcomes for Prostate Cancer

William Li & Rowan Ross – Burnaby, BC
A Novel Approach to Bio-Friendly Microplastic Extraction with Ascidians

Gurik Mangat – Surrey, BC
FyreWatch: Deep Learning for Accurate Wildfire Environmental Conditions Detection

Tienlan Sun – Vancouver, BC
TeleAEye: Low-Cost Automated Eye Disease Diagnosis Using a Novel Smartphone Fundus Camera With AI

Angela Zhou – Vancouver, BC
An Investigation of a Dark Sector Interaction Model to Solve the Hubble Tension



BROADCOM MASTERS INTERNATIONAL DELEGATE – ISEF

Each year, Youth Science Canada selects one junior CWSF finalist to accompany Team Canada-ISEF to participate in the Broadcom MASTERS (Math, Applied Science, Technology and Engineering for Rising Stars) International program, which includes selected Regeneron ISEF events, outreach day, and other activities. Congratulations to Islay Graham, of Georgian Bluffs, Ontario – Platinum Award (Best Junior) winner at CWSF 2019, who represented Canada in the May 2020 virtual event. Also congratulations to Rowan Parkinson, of Ottawa, Ontario – Regional, National and Challenge ribbon winner in the 2020 YSC Online STEM Fair and representing Canada in the 2021 virtual event this month.

EUROPEAN UNION CONTEST FOR YOUNG SCIENTISTS



Since 2008, Youth Science Canada has selected young scientists to represent Canada at the European Union Contest for Young Scientists (EUCYS). EUCYS 2019 took place on September 13-18 in Sofia, Bulgaria. Manning Whitby and Bhavya Mohan represented Canada, thanks to the generous support of Youth Can Innovate. Manning won a special award sponsored by EUROfusion. The two CWSF 2021 Best Project Award (Discovery and Innovation) winners will represent Canada at the virtual EUCYS 2021 in September.



Students should be DOING science, not just talking about it! They need Smarter Science teachers.

Educators play a critical role in determining how students view and experience science. Smarter Science is Youth Science Canada's framework for K-12 science teaching and learning, and for developing the skills of inquiry, creativity, and innovation in any curriculum unit. Smarter Science workshops offer a simple and effective process for teachers to successfully implement scientific inquiry in their classroom – and prepare students for science fair projects. Our team has trained thousands of teachers, in every grade, from coast to coast.

We offer a series of three full-day workshops:

1. Introduction to Smarter Science
2. Assessment and Evaluation of Inquiry
3. Innovation and Creativity through Inquiry

Get started with Smarter Science:

BOOK a workshop – in English or French – for your school or district/board

ORDER classroom-ready posters, booklets, and resources

INVITE us to your provincial science teacher conference

To book a workshop or for more information, visit smarterscience.ca or call 866 341 0040.

THE ACTUARIAL FOUNDATION OF CANADA AWARD

Sponsor: The Actuarial Foundation of Canada

An outstanding project that demonstrates effective use of one or more of mathematics, database manipulation and statistical analysis, combined with written and oral communication skills and creativity to investigate or solve a complex problem. Preference may be given to projects that quantify potential losses or design creative ways to manage or reduce the likelihood or impact of undesirable events.

Junior: \$500 cash and certificate

Intermediate: \$750 cash and certificate

Senior: \$1,000 cash and certificate

THE BEATY CENTRE FOR SPECIES DISCOVERY AWARD

Sponsor: Canadian Museum of Nature

An outstanding project that increases our knowledge and understanding of biological, mineralogical or paleontological species, or species as indicators of change in the natural world. This includes species discovery and diversity, invasive species, economically important species, species at risk, conservation of species, etc.

Senior: \$1,000 cash, certificate and one-year Canadian Museum of Nature family membership

CANADIAN ACOUSTICAL ASSOCIATION AWARD

Sponsor: Canadian Acoustical Association

An outstanding senior project related to acoustics, the science of sound.

Senior: \$1,000 cash and certificate plus a subscription to the Canadian Acoustical Association's quarterly journal

CANADIAN SOCIETY FOR CLINICAL CHEMISTS AWARD

Sponsor: Canadian Society for Clinical Chemists

An outstanding senior project related to the use of laboratory testing to better patient care.

Senior: \$1,000 cash and certificate

CANADIAN STOCKHOLM JUNIOR WATER PRIZE

Sponsor: Canadian WEF Member Associations, the Canadian Water and Wastewater Association, and Jacobs

Outstanding senior projects related to one or more of: stormwater, water and wastewater quality, water resource-management, water protection, water or wastewater treatment, water education and other social or science related aspects of water.

Up to three projects selected at the CWSF will be required to submit a written report of their project for final selection. One winning project will be chosen. The two runner-up projects will each receive a \$300 cash prize.

Senior: Stockholm Junior Water Prize Competition Online Event, August 2-24, 2021, winning project to represent Canada at the International Stockholm Junior Water Prize Competition.

CANADIAN YOUNG RESEARCHER AWARD

Sponsor: Canadian Science Publishing and STEM Fellowship

An outstanding senior project that demonstrates excellence in planning, performing and communicating a scientific investigation and is worthy of publication.

Senior: \$1,000 cash and certificate plus peer review and guidance from the STEM Fellowship editorial board leading to open access publication of the project in the STEM Fellowship Journal by Canadian Science Publishing, Canada's largest scientific publisher.

CAP PHYSICS PRIZE

Sponsor: Canadian Association of Physicists

An outstanding project related to the science of physics.

Junior: \$500 cash and certificate

Intermediate: \$750 cash and certificate

Senior: \$1,000 cash and certificate

CARLSON WAGONLIT AWARD

Sponsor: Carlson Wagonlit Travel

An outstanding junior project related to transportation.

Junior: \$500 cash and certificate

CENTRE FOR CANADIAN NUCLEAR SUSTAINABILITY AWARD

Sponsor: Centre for Canadian Nuclear Sustainability

An outstanding intermediate project that demonstrates an innovative and/or creative approach to a question or problem.

Intermediate: \$750 cash and certificate

DEUTRAMED CHEMISTRY AND INNOVATION AWARD

Sponsor: deutraMed Inc.

An outstanding junior project that demonstrates an innovative and/or creative approach to a question or problem related to chemistry.

Junior: \$500 cash and certificate

ENGINEERING INNOVATION AWARD

Sponsor: Engineering Institute of Canada and Canadian Society of Senior Engineers

An outstanding senior project related to engineering demonstrating an innovative, creative and well-tested solution to a real world problem.

Senior: \$1,000 cash and certificate

EXCELLENCE IN ASTRONOMY AWARD

Sponsor: Royal Astronomical Society of Canada

An outstanding project related to astronomy – observational, instrument construction or other.

Junior: Telescope and certificate plus a one year youth membership in the RASC

Intermediate: Telescope and certificate plus a one year youth membership in the RASC

FIRST NATIONS UNIVERSITY OF CANADA AWARD

Sponsor: First Nations University of Canada

An outstanding junior project that celebrates Aboriginal people's accomplishments and traditional knowledge by showcasing, exploring, reinforcing and expanding intersections between Indigenous knowledge and Western science.

Junior: \$500 cash and certificate

FUTURE MOTION CREATIVITY IN ENGINEERING AWARD

Sponsor: Future Motion, Inc.

An outstanding project that creates a new product/invention with novel (patentable) technology that looks to make the future a better place and/or bridges the gap between technology and outdoor recreation or has a focus in outdoor recreation or the future of sports.

Intermediate: \$750 cash and certificate and a Onewheel+ XR

Senior: \$1,000 cash and certificate and a Onewheel+ XR

INTACT CLIMATE CHANGE RESILIENCE AWARD

Sponsor: Intact Financial Corporation

An outstanding project that demonstrates a practical solution to managing the impact of climate change. Eligible projects include those related to home, school or community infrastructure; flood prevention/management; forest fire prediction/prevention and minimizing the effects of extreme weather events.

Junior: \$500 cash and certificate

Intermediate: \$750 cash and certificate

Senior: \$1,000 cash and certificate and a virtual tour of the University of Waterloo and the Intact Centre on Climate Adaptation, Canada's leading research centre on climate change resilience, in Waterloo, Ontario.

INTERNATIONAL SUMMER SCHOOL FOR YOUNG PHYSICISTS AWARD

Sponsor: Perimeter Institute for Theoretical Physics

An outstanding senior CWSF finalist who demonstrates a keen interest and a strong aptitude in both physics and mathematics. The finalist's project need not be in the area of physics. The chosen finalist must be fluent in both written and spoken English.

The award consists of a full scholarship to participate in the International Summer School for Young Physicists 2021 (ISSYP 2021) from July 19-30, an intensive two-week enrichment program that will introduce the student to the fascinating picture of our universe as seen through the eyes of contemporary physicists: from the bizarre quantum world of atoms and subatomic particles to black holes, warped spacetime and the expanding universe. The student will also interact with professional physicists at Perimeter Institute in small group mentoring sessions, participate in field trips to leading experimental science laboratories, and forge new friendships with like-minded young people from around the world.

Senior: Full scholarship to participate in the Virtual International Summer School for Young Physicists 2021, July 19-30 (issyp.ca).

NUTRIENTS FOR LIFE FOUNDATION AWARD

Sponsor: Nutrients for Life Foundation Canada

An outstanding intermediate project related to fertilizers, plants and soil science.

Intermediate: \$750 cash and certificate

RENEWABLE ENERGY AWARD

Sponsor: Ontario Power Generation

An outstanding project related to both energy and air quality with a demonstrated interest in environmental stewardship.

Junior: \$500 cash and certificate

Intermediate: \$750 cash and certificate

Senior: \$1,000 cash and certificate

S.M. BLAIR FAMILY FOUNDATION AWARD

Sponsor: S.M. Blair Family Foundation

A project that merits application for a patent. According to the Canadian Intellectual Property Office... in order to be eligible for a patent, an invention must meet three basic criteria:

1. The invention must show novelty (be the first in the world).
2. It must show utility (be functional and operative).
3. It must show inventive ingenuity and not be obvious to someone skilled in that area.

Junior: \$500 cash and certificate

Intermediate: \$750 cash and certificate

Senior: \$1,000 cash and certificate



SHAD SCHOLARSHIP AWARDS

Sponsor: Shad

Two enthusiastic intermediate finalists who demonstrate a strong desire to attend Shad (a STEAM and entrepreneurship enrichment program) and interest in pursuing their potential as a Change Maker, with preference given to finalists from rural or remote areas.

To be eligible for the scholarship, the finalist must apply and be admitted to the program during the Shad 2022 application cycle.

Each year, Shad provides the opportunity for 750+ students from across Canada and internationally to attend a summer program focused on STEAM (science, technology, engineering, arts, and mathematics).

Intermediate: \$1,000 scholarship towards the program fee to attend Shad in July 2022

STATISTICAL SOCIETY OF CANADA AWARD

Sponsor: Statistical Society of Canada

An outstanding project in statistical theory, or one that makes use of sound statistical techniques in study design, data analysis and data presentation.

Intermediate: \$750 cash and certificate
Senior: \$1,000 cash and certificate

SUSTAINABLE AGRICULTURE AWARD

Sponsor: 4-H Canada

An outstanding junior project related to sustainable agriculture or farming.

Junior: \$500 cash and certificate

TED ROGERS INNOVATION AWARDS

Sponsor: Rogers Communications Canada Inc.

Ten outstanding finalists from any category with entrepreneurial spirit and/or projects that demonstrate commercial potential.

Full scholarship to support participation in the weeklong Youth Science Canada/York University STEM Entrepreneur Bootcamp online in August 2021.

UNIVERSITY OF OTTAWA UNDERGRADUATE RESEARCH SCHOLARSHIP (URS)

Sponsor: University of Ottawa, Faculty of Science

An outstanding senior project by a finalist (or finalists) in grade 11 or grade 12 (Secondary V, Cégep I or Cégep II in Quebec) who is admissible to pursue university studies

in science at uOttawa. In the case of a team project, each finalist will be eligible to receive a scholarship.

The recipient will work with scientists and take part in important scientific discoveries during two consecutive summers. In the summer preceding the first year of studies in an undergraduate program at the Faculty of Science, University of Ottawa, the recipient will earn \$5,000 as a research assistant to one of the world class professors. By succeeding in the first year of studies, the research experience will be extended to a second summer, during which he/she will earn \$6,500.

Senior: \$11,500 scholarship and certificate

UNIVERSITY OF TORONTO ENGINEERING AWARD

Sponsor: University of Toronto, Faculty of Applied Science and Engineering

Two outstanding projects that is related to engineering – demonstrating an innovative, creative and well-tested solution to a real-world problem.

Intermediate & Senior: Full scholarship to participate in the faculty of Applied Science & Engineering's weeklong Global Engineering Challenge in Summer 2021. Students will have the opportunity to engage with experts in engineering, mental health and sustainability. Students will participate in workshops that will provide them with a deeper understanding of the challenges engineers face and be guided towards developing effective solutions. This program supports the goals of the Faculty of Applied Science & Engineering in preparing students with the technical and trans-disciplinary competencies necessary for them to identify, learn, and apply along with engineering practices to resolve global challenges, create new technologies and contribute to the prosperity of society. One-week virtual online program.

YORK UNIVERSITY STEM ENTREPRENEUR BOOTCAMP SCHOLARSHIP AWARDS

Sponsor: York University, Lassonde School of Engineering

Two outstanding CWSF finalists from any category with entrepreneurial spirit and/or projects that demonstrate commercial potential.

Full scholarship to participate in the Youth Science Canada/York University STEM Entrepreneur Virtual Bootcamp in August 2021. The weeklong program is based on the award-winning Bergeron Entrepreneurs in Science and Technology (BEST) experiential learning approach, which combines the technical skills of building a new venture with creative problem-solving skills and personal reflection. Participants interact with successful entrepreneurs and leading academics from the Lassonde School of Engineering, Osgoode Hall Law School and the Schulich School of Business, as well as staff and ventures from the BEST lab.

EXCELLENCE AWARDS AND CHALLENGE AWARDS

EXCELLENCE AWARDS

Excellence Awards recognize science, technology, engineering, and mathematics (STEM) excellence. The judging is a relative process, with medals awarded based on the ranking of consensus scores for all projects within a grade category.

BRONZE MEDALS

Sponsor: Youth Science Canada

Medal and certificate

Junior

Intermediate

Senior



SILVER MEDALS

Sponsor: Youth Science Canada

Medal and certificate

Junior

Intermediate

Senior



GOLD MEDALS

Sponsor: Youth Science Canada

Medal and certificate

Junior

Intermediate

Senior



CHALLENGE AWARDS

The Youth Science Canada Challenges focus on issues that are important to Canada's youth, the future of our country and the world. They reflect the trend in Canadian science, technology and innovation to focus on multi- and interdisciplinary global, national and provincial issues. The Challenge Awards recognize the top project in each of the eight Youth Science Canada Challenges in each grade category.



AGRICULTURE, FISHERIES & FOOD

An outstanding project that helps ensure food security, sustainability or competitiveness in agriculture, fisheries or food production



CURIOSITY & INGENUITY

An outstanding project that helps improve our understanding or addresses a problem in an area of STEM not covered by the other challenges



DIGITAL TECHNOLOGY

An outstanding project that helps improve our quality of life or transforms existing products and services through digital devices, methods or systems



DISEASE & ILLNESS

An outstanding project that helps enhance our diagnosis, treatment or understanding of disease, or the management of physical or mental illness



ENERGY

An outstanding project that helps improve our use of current energy sources, enables the transition to alternative energy sources, or reduces our energy footprint



ENVIRONMENT & CLIMATE CHANGE

An outstanding project that helps ensure the quality of water, air, soil or the diversity of living things, or manages the impact of climate change



HEALTH & WELLNESS

An outstanding project that helps prevent disease or promotes physical, social, emotional, spiritual, environmental, occupational, or intellectual wellbeing



NATURAL RESOURCES

An outstanding project that helps ensure the sustainable management, use, reuse or recycling of Earth's finite or renewable natural resources



GRAND AWARDS

YOUTH CAN INNOVATE AWARDS

Sponsor: The Gwyn Morgan and Patricia Trottier Foundation

Exceptionally innovative and original science, technology, engineering and mathematics (STEM) projects that demonstrate a practical application in advancing the economic, medical, social or environmental well-being of society.

Junior: Four projects each receive a \$500 cash award and certificate

Intermediate: Four projects each receive a \$750 cash award and certificate

Senior: Eight projects each receive a \$1,000 cash award and certificate. Four will be announced as winners of an additional \$7,000 cash award

PLATINUM AWARDS

Sponsors: Youth Science Canada and Youth Can Innovate

Two of: Best Junior, Best Intermediate and Best Senior Project in each of Discovery and Innovation

Crystal award and certificate

BEST PROJECT AWARDS

Sponsors: Youth Science Canada and Youth Can Innovate

Best Project in each of Discovery and Innovation

Crystal award and certificate. Both winners will represent Canada at the virtual European Union Contest for Young Scientists (EUCYS), hosted in Salamanca, Spain in September.



DALHOUSIE UNIVERSITY FACULTY OF SCIENCE ENTRANCE SCHOLARSHIP

Sponsor: Dalhousie University, Faculty of Science

A Dalhousie University Faculty of Science entrance scholarship of \$5,000 is offered to each gold medal winning senior finalist. A Dalhousie University Faculty of Science entrance scholarship of \$2,500 is offered to each silver medal winning senior finalist.

UBC SCIENCE (VANCOUVER) ENTRANCE AWARD

Sponsor: The University of British Columbia (Vancouver)

A UBC Vancouver Science entrance scholarship is offered, \$4,000 to each senior gold medalist and \$2,000 to each senior silver medalist. To be eligible for the scholarships, finalists must be admitted to the UBC Faculty of Science (Vancouver campus) and register directly from secondary school. Winners who are in grade eleven may defer the award for one year.

A CWSF finalist is eligible to only one UBC science entrance scholarship. If a finalist receives multiple scholarships, at the regional or national level, s/he is entitled to claim the scholarship with the greater monetary value (if there is a difference).

UNIVERSITY OF MANITOBA ENTRANCE SCHOLARSHIP

Sponsor: University of Manitoba

The Office of the Vice-President (Research and International) at the University of Manitoba offers a renewable entrance scholarship for students who have been awarded a Gold Medal for a senior project at the Youth Science Canada's - Canada-Wide Science Fair. Each year, a maximum of twenty scholarships, valued at \$5,000 each, will be offered to undergraduate students who:

1. have been awarded a Gold Medal for a senior project at Youth Science Canada's Canada-Wide Science Fair within the previous two years;
2. qualify for admission to University 1 or any direct entry program;
3. subsequently enrol full-time (minimum 24 credit hours) in University 1 or any direct entry program.

UNIVERSITY OF NEW BRUNSWICK CANADA-WIDE SCIENCE FAIR SCHOLARSHIP

Sponsor: University of New Brunswick

A University of New Brunswick Canada-Wide Science Fair scholarship is offered to senior medalists of the 2021 Canada-Wide Science Fair. \$5,000 is offered to each gold medal winning senior finalists; \$2,500 to each silver medal winning senior finalist. Recipients must be enrolled in a UNB undergraduate degree program as a full-time student in Fall 2021.

UNIVERSITY OF OTTAWA ENTRANCE SCHOLARSHIP

Sponsor: University of Ottawa

A University of Ottawa entrance scholarship of \$4,000 is offered to each gold medal winning senior finalist; \$2,000 to each silver medal winning senior finalist; and \$1,000 to each bronze medal winning senior finalist.

WESTERN UNIVERSITY ENTRANCE SCHOLARSHIP

Sponsor: Western University

An entrance scholarship of \$4,000 is offered to each recipient of a gold medal, \$2,000 to each recipient of a silver medal and \$1,000 to each recipient of a bronze medal.



THANK YOU TO OUR SPONSORS

MOTIVATORS

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York University – Lassonde School of Engineering

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Canadian Association of Physicists
Canadian Museum of Nature
Canadian Science Publishing / STEM Fellowship
Canadian Society of Clinical Chemists
Canadian Society of Senior Engineers
Canadian WEF Member Associations,
the Canadian Water and Wastewater
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