

CMOS
Canadian Meteorological and
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Société canadienne de météorologie
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The New Wave

May 2026 Addendum



Our last regular edition of *The New Wave* for 2025/26 contained some errors related to Toronto Chapter activities in local science fairs. This special short edition corrects those errors with our apologies to Toronto Chapter members.

All CMOS members are automatically subscribed to ***The New Wave***. However, if you wish to opt out at any time, simply click the unsubscribe link at the bottom of the newsletter. **We would love to hear from you!** Please send any suggestions, comments or constructive criticisms you may have to wave-comments@cmos.ca. Thank you for being part of our community!

Previews & Updates

Centers

Toronto CMOS Centre 2026 Science Fair Awards

Since 2019, the Toronto CMOS Centre has been sponsoring monetary awards to Grades 7-12 students competing at 3 different Science Fairs in the Greater Toronto area: Toronto Science Fair, Bay Area Science and Engineering Fair (BASEF) and York Region Science and Technology Fair (YRSTF). The CMOS Awards are given to the students with the best, and 2nd best, projects in atmospheric, oceanic and related science disciplines. Several of the CMOS Award winning students have won additional prizes at their respective Fairs. A number of these students have been subsequently selected by their Fair representatives to compete at the annual Canada-Wide Science Fair. A select few have competed at International Fairs, winning additional prizes.

Toronto Science Fair

The **2026 Toronto Science Fair** was held at University of Toronto Scarborough on March 28, 2026. Steve Jacobs, a Toronto CMOS Centre Executive, judged projects at the Fair and selected the CMOS Award winners.

The first place CMOS prize of \$150 was awarded to **Jacob Chowdhury** (below), a Grade 7 student, for his winning project “*A Practical Way to Remove Carbon Dioxide from the Atmosphere*”. Jacob was also presented with the Fair’s *Silver Medal*.



A second place CMOS prize of \$75 was given to **Aryaman Tripathi** (below) for his project “*Phoenix: Advanced Satellite Monitoring for Early Onset Holdover of Fire Detection*”. Aryaman was also presented with the Fair’s *Silver Medal*.



York Region Science and Technology Fair

The **2026 York Region Science and Technology Fair** took place at York University (Markham campus) on April 10 and April 11, 2026. Oscar Koren, a Toronto CMOS Centre Executive, judged projects at the Fair.

CMOS awarded the first place prize of \$150 to **Yan Xu**, a Grade 11 student, for his project “*Coastal Risk Analyzer*”.

The second place winner of the \$75 CMOS Award was **Sofiya Baksht**, a Grade 11 student, for her project “*SaltSmart: An Engineered Approach to Reducing Chloride Sidewalk Waste One Driveway At a Time*”.

Photos of the students receiving their CMOS Awards at the Fair’s Awards Ceremony were not available at the time of publishing.

Bay Area Science and Engineering Fair

The **2026 Bay Area Science and Engineering Fair (BASEF)** was held at Hillfield Strathallan College, Hamilton on March 11 to 14, 2026. Dominique Brunet, a Toronto CMOS Centre Executive, judged projects at the Fair and selected the CMOS Award winners.

CMOS awarded the first place prize of \$100 to **Evan Budz** (Grade 10; below left) for his project “*In Situ Microplastic Detection using Holographic Imaging and AI on an Autonomous Bionic Sea Turtle*”. Evan also earned the Fair’s Gold Medal, a trip to the Canada-Wide Science Fair and two additional Fair Awards.

The second place winner of the \$50 CMOS Award was **Maria Polyanska** (below right), a Grade 10

student, for her project “*WindDrift: Engineered Real Time Adaptive Platform for Atmospheric and Marine Sensing*”. Maria also earned the Fair’s Gold Medal, three additional Fair Awards and a trip to the Regeneron International Science and Engineering Fair (ISEF). (Note: Maria was awarded the winning CMOS prize at BASEF 2025, and along with two other Fair Awards, she won third place at the DECA International Career Development Conference).

