

Award Recipients

Canada-Wide Science Fair 2025

Fredericton, New Brunswick



Youth Can Innovate Award

Junior

Sponsor: Gwyn Morgan & Patricia Trottier Foundation
\$500 cash, presentation award and certificate

Mason Chen – Calgary Youth – AB
masondx.chen@gmail.com

Safer Roads Ahead: AI-Assisted 3D Printing of Smart Baffles for Enhanced Liquid Transport

<https://projectboard.world/ysc/project/198463>

Sophia Faccin – Prince Edward Island – PE
sofa0445@cloud.edu.pe.ca

Pathogen AI: Using AI to detect fungi in your food.

<https://projectboard.world/ysc/project/199275>

Trisha Haldar – Windsor – ON
trishaldar@outlook.com

Visual Drug Interaction Checker

<https://projectboard.world/ysc/project/199423>

Isaiah Pereira – Vancouver Island – BC
isaiah.pereira@smus.ca

The SmartSleeper: Optimize Your Sleeping Environment

<https://projectboard.world/ysc/project/197778>

Intermediate

Sponsor: Gwyn Morgan & Patricia Trottier Foundation
\$750 cash, a presentation award and a certificate

Evan Budz – Bay Area – ON
evan.budz@gmail.com

Development of an Autonomous Bionic Sea Turtle Robot for Ecological Monitoring using AI

<https://projectboard.world/ysc/project/196876>

Xiuming Li, Zi Xin Wang – Greater Vancouver – BC
danielxm2009@gmail.com, shinshinwang2022@gmail.com

The Plastic Brain: Examining BDNF via Age, BMI, Sex, Depression, and Acute Exercise for TBI Research

<https://projectboard.world/ysc/project/198473>

Maria Polyanska – Bay Area – ON
ve3omv@gmail.com

PicoTrack: Solar Powered Real-Time Monitoring of Near-Stratospheric Conditions

<https://projectboard.world/ysc/project/197514>

Lukas Savkoff – Rideau-St. Lawrence – ON
lukas.savkoff@gmail.com

TALON: The Search and Rescue Drone of the Future

<https://projectboard.world/ysc/project/198392>

Award Recipients

Canada-Wide Science Fair 2025

Fredericton, New Brunswick



Senior

Sponsor: Gwyn Morgan & Patricia Trottier Foundation
\$1,000 cash, a presentation award and a certificate

Cindy Cheng – Waterloo-Wellington – ON
cqc680@gmail.com

3D Bioprinting Soft Microrobotic Niches for Stem Cell Delivery
<https://projectboard.world/ysc/project/198373>

Ashish Chettimada – Waterloo-Wellington – ON
chettimadaashish@gmail.com

Mycoshield: A Next-Gen Biopesticide Utilizing RNAi for Fungal Pathway Disruption
<https://projectboard.world/ysc/project/198039>

Chloe Rae Filion, Sophie Rose Filion – Niagara – ON
chloe.rae.filion@gmail.com, Sophie.rose.filion@gmail.com

The Home Smog Alarm: How clean is your home's air?
<https://projectboard.world/ysc/project/198372>

Keyu Hu – Réseau Technoscience – QC
keyuhu.ca@gmail.com

VisionnAlre: une approche IA innovante et prometteuse pour un diagnostic oculaire précis et accessible
<https://projectboard.world/ysc/project/198772>

Emily Huang – Waterloo-Wellington – ON
ehuang8818@gmail.com

QSAR-Based Virtual Screening for T. gondii Autophagy Inhibitors
<https://projectboard.world/ysc/project/198141>

Matthew Shen – York – ON
mtshen97@gmail.com

Explainable Artificial Intelligence to Diagnose Early Parkinson's Disease via Voice Analysis
<https://projectboard.world/ysc/project/171704>

Lucas Wang – Greater Vancouver – BC
lukewlh@gmail.com

Probing Galaxy Disk Sizes Using the Largest Ever Catalogue of Ca II Absorbers
<https://projectboard.world/ysc/project/198450>

Syd West – Annapolis Valley – NS
wsl869521@gnspe.ca

Active Light Blocking Glasses for Prevention of Photosensitive Episodes
<https://projectboard.world/ysc/project/199400>

Senior

Sponsor: Gwyn Morgan & Patricia Trottier Foundation
An additional \$7,000 cash award and certificate

Cindy Cheng – Waterloo-Wellington – ON
cqc680@gmail.com

3D Bioprinting Soft Microrobotic Niches for Stem Cell Delivery
<https://projectboard.world/ysc/project/198373>

Award Recipients

Canada-Wide Science Fair 2025
Fredericton, New Brunswick



Youth Science Canada
Sciences jeunesse Canada

Keyu Hu – Réseau Technoscience – QC

keyuhu.ca@gmail.com

VisionnAlre: une approche IA innovante et prometteuse pour un diagnostic oculaire précis et accessible

<https://projectboard.world/ysc/project/198772>

Matthew Shen – York – ON

mtshen97@gmail.com

Explainable Artificial Intelligence to Diagnose Early Parkinson's Disease via Voice Analysis

<https://projectboard.world/ysc/project/171704>

Lucas Wang – Greater Vancouver – BC

lukewlh@gmail.com

Probing Galaxy Disk Sizes Using the Largest Ever Catalogue of Ca II Absorbers

<https://projectboard.world/ysc/project/198450>