

Award Recipients

Canada-Wide Science Fair 2026

Edmonton, Alberta



Youth Can Innovate Award

Junior

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

Akshath Anand – South Fraser – BC

akshath.champ@gmail.com

Veino — IV Safety Monitoring System

<https://projectboard.world/ysc/project/226651>

Lauren Chan – Toronto – ON

lauren.chan111@gmail.com

Pharma-Bot: An AI-Enabled Self Dispensing Pillbox

<https://projectboard.world/ysc/project/227166>

Ryan Varma – Frontenac, Lennox & Addington – ON

dr.sonal.varma@gmail.com

C-Strik: AI-powered precision medicine tool for breast cancer

<https://projectboard.world/ysc/project/218843>

Willem Vuurmans – Greater Vancouver – BC

willemvuurmans@icloud.com

EXODEC: A Rational Design Framework for BBB Ligand Evaluation and De Novo Peptide Engineering

<https://projectboard.world/ysc/project/228206>

Intermediate

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

Imran Allarakhia – Bay Area – ON

1allarakhimr@hdsb.ca

CareBotix in Motion II: Advanced Robotic Manipulation, Navigation, and Social Interaction

<https://projectboard.world/ysc/project/226585>

Evan Budz – Bay Area – ON

evan.budz@gmail.com

In Situ Detection of Aquatic Microplastics using Laser-Based Holographic Imaging and Deep Learning

<https://projectboard.world/ysc/project/225944>

Jainika Joshi – Edmonton – AB

joshi.jainika@gmail.com

B.A.R.T.: Biomarker Analysis for Respiratory Testing in Early Detection of Oro-dental Disease

<https://projectboard.world/ysc/project/227974>

Gayatri Sakharkar – Calgary Youth – AB

gayatridsakharkar@gmail.com

Bye-Bye Plastic Mulch!

<https://projectboard.world/ysc/project/227645>

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\$1,000 cash, a presentation award and a certificate

Caesar Chan – Windsor – ON

caesarxchan@gmail.com

Sustainable Carboxylated Cellulose Hydrogel Beads for Pb(II) Wastewater Treatment

<https://projectboard.world/ysc/project/227986>

Allen Guo-Lu, Luotong Shi – Calgary Youth – AB

allen.guolu@gmail.com, luotong.0301@gmail.com

Augmenting Balance and Spatial Awareness in Parkinson's Disease: A Wearable Assistive Tail

<https://projectboard.world/ysc/project/227989>

Gurnoor Kaur – Waterloo-Wellington – ON

gkgurnoorkaur1@gmail.com

Eigenpulse: Eliminating Demographic Bias in Pulse Oximetry and Remote PPG from First Principles

<https://projectboard.world/ysc/project/227176>

Karan Kirpalani – Ottawa – ON

karankirp@gmail.com

Novel Application of Acoustic Beamforming for Non-Invasive Profiling of Cardiac Fibrosis

<https://projectboard.world/ysc/project/226017>

Sreya Kurup – South Fraser – BC

sreyakurupsci@gmail.com

Targeted Stress Modulation in S. aureus to Combat Resistant Infections via Bioactive Hybrid Therapy

<https://projectboard.world/ysc/project/222683>

Avalon Lively – Halifax – NS

avalonpearl.l@gmail.com

Anorexia Nervosa in the Eyes of Neuroimaging: A Meta-Analysis of fMRI and MRI Studies

<https://projectboard.world/ysc/project/227330>

Matthew Shen – York – ON

mtshen97@gmail.com

A Multi-Omic 'Digital Embryo' Framework to Model Early Human Preimplantation Development In Silico

<https://projectboard.world/ysc/project/225068>

Leo Rui Qing Tang, Tyler Zeng – York – ON

leotangsoftware@gmail.com, tylerzeng09@gmail.com

NEXUS: A Multimodal Device for Deafblind Communication using Hybrid Dynamic Speaker Diarization

<https://projectboard.world/ysc/project/225995>

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An additional \$7,000 cash award and certificate

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allen.guolu@gmail.com, luotong.0301@gmail.com

Augmenting Balance and Spatial Awareness in Parkinson's Disease: A Wearable Assistive Tail

<https://projectboard.world/ysc/project/227989>

Gurnoor Kaur – Waterloo-Wellington – ON
gkgurnoorkaur1@gmail.com

Eigenpulse: Eliminating Demographic Bias in Pulse Oximetry and Remote PPG from First Principles

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Karan Kirpalani – Ottawa – ON
karankirp@gmail.com

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Avalon Lively – Halifax – NS
avalonpearl.l@gmail.com

Anorexia Nervosa in the Eyes of Neuroimaging: A Meta-Analysis of fMRI and MRI Studies

<https://projectboard.world/ysc/project/227330>