

2021 WWSEF Awards

Award of Excellence

Name	Project Title
Hardit Singh	Speculator: A Novel Deep Learning Teleophthalmology Platform

Awards of Merit

Name	Project Title
Connor Jantzi	Detecting Disaster Preventing Devastation
Jasmine Schneider	A Protist Against Fertilizer Runoff
Neil Mitra	A Graphene Oxide Paper Microfluidic Device for Heart Attacks
Alka Devi Ukrani	Prevention of Agrobacterium Tumor Invasion in Plants and VIR
Nuha Akhand & Mariya Turetska	Electro-Culture: The Future of Agriculture
Cindy Cheng	A Modular Multi-Functional Wound Dressing
Julian Hall	Meow!! Analysis of the Benefits of the Feline Laser Toy
Hardit Singh	Speculator: A Novel Deep Learning Teleophthalmology Platform

Best Written Reports

Name	Project Title
Hannah Lee	Don't be Alarmed...
Iris Osborne	Acid in the Stream: A Study of pH in an Ontario Creek in Winter
Mahi Patel	Trouble With Tobacco
Hooman Reza Nezhad	A Novel High-Energy Propulsion System Through Ammonia Combustion
Timothy Lu	Montreal Protocol's Success in Recovering the Ozone Layer
Neil Mitra	A Graphene Oxide Paper Microfluidic Device for Heart Attacks

Best of Division Awards

Name	Project Title
Hardit Singh	Speculator: A Novel Deep Learning Teleophthalmology Platform
Cindy Cheng	A Modular Multi-Functional Wound Dressing
Alka Ukrani	Prevention of Agrobacterium Tumor Invasion in Plants and VIR ...

Stephen J. Little Award

Name	Project Title
Ayush Malhotra	talkhAPPi: A Novel Non-Confrontational Wellness App

Stepping Stone Awards

Name	Project Title
Adhara Collins Scholten	Biomass and Biogas
Coralie Hare	Brighten Up!
Drew Snyder	Training Synesthesia In Non-Synesthetes
Kate Berg	Finding Groundwater
Hudson Jantzi	Wireless Inductive EV Charging

Ted Rogers Innovation Award

Name	Project Title
Neil Mitra	A Graphene Oxide Paper Microfluidic Device for Heart Attacks

Gold Medals

Name	Project Title
Connor Jantzi	Detecting Disaster Preventing Devastation
Adhara Collins Scholten	Biomass and Biogas
Jasmine Schneider	A Protist Against Fertilizer Runoff
Markos Georgiades	A Security Analysis Framework for Interoperable Blockchains
Rebecca Grootendorst	Protection of your Complexion
Kate Berg	Finding Groundwater
Lucas Erwin & Hannah Waterfall	Can You Remember?
Neil Mitra	A Graphene Oxide Paper Microfluidic Device for Heart Attacks
Timothy Lu	Montreal Protocol's Success in Recovering the Ozone Layer
Hannah Lee	Don't be Alarmed...
Maya Schiedel	Sunscreen Boulevard
Alka Devi Ukrani	Prevention of Agrobacterium Tumor Invasion in Plants and VIR
Faraaz Hamid	Slippery Shapes
Nuha Akhand & Mariya Turetska	Electro-Culture: The Future of Agriculture
Katelyn Wu	Red Meat: A Carcinogen?
Mahi Patel	Trouble With Tobacco
Chloe Nguyen	Under the Mask
Sofia Babapulle & Rayna Payne	Will humans ever photosynthesize?
Cindy Cheng	A Modular Multi-Functional Wound Dressing
Kyri Friedman	Are You Kidding Me? Building The Perfect Joke

Name	Project Title
Julian Hall	Meow!! Analysis of the Benefits of the Feline Laser Toy
Aditya Keerthi	NeuroPET-M: A Novel Diagnostic Multimodal PET Scan Platform
Julia Lohuis	Getting the Right Angle on Phototropism
Elizabeth Coode	Playing with fire
Hardit Singh	Speculor: A Novel Deep Learning Teleophthalmology Platform

Silver Medals

Name	Project Title
Iman Mohamed	Enzymes at Work!
Leya Oommen & Ellen Brisley	Aiuto Solutions
William Chai	Machine Learning and Cell Discerning
Grace Van Wyngaarden	Think Before You Speak
Lily Ge	Group Pressure: Friend or Foe
Coralie Hare	Brighten Up!
Varsha Bandi & Varusha Osypa	Bacteria – Humans' Ally Against Cancer
Ayush Malhotra	talkhAPPi: A Novel Non-Confrontational Wellness App
Ella Andriotis & Ava Rai	Interpretation of Illumination
Drew Snyder	Training Synesthesia In Non-Synesthetes
Natalie Miners	Testing the Impact of Auxins on Germination
Hudson Jantzi	Wireless Inductive EV Charging
Keya Dattani & Heidi Knight	How Different Liquids Affect How Some Plants Grow?
Joshua Oliverio	How's the Connection?
Roocha Shukla	The Impact of COVID-19 on the Daily Life of Students
Chase Oudshoorn	Eye Want it That Way
Nabhan Ahmad	Heat Absorption by Colour
Anna Chen	What material affects the internet speed the most?
Dmitry Vakulenko	Ready Set Flow
Sol Kwak	Spin with their Kin
Beth Cleave	Nutrients or Gravity
Shiv Patel	A Graphene Based Dye Sensitized Solar Cell
Hooman Reza Nezhad	A Novel High-Energy Propulsion System Through Ammonia Combustion
Santoshi Nivarthi & Emerson Carmichael	Dead or Alive

Bronze Medals

Name	Project Title
Ariel Hare	Don't Judge a Book by its Colour
Noor Baseer	Invisible Danger
Akhil Bollapragada	The Chemistry of a Cookie
Qasim Desjardins	Does the Intensity of Light Change with Distance?
Hailey Gervais	Musical Memory
Maryyam Wasim	Eye-Identify
Maya Mathew	To Grow or not to Grow
Muhammad Imran	Does the 5-Second Rule Work?
Pratham Lonial	The Nose Knows
Maharshi Patel	Cognitive Ease and Cognitive Strain
Zeky Samhouri	Mask On
Zechen (Harry) Tian	Investigate the amount of iron in the egg yolk by spectrophotome
Alexander Locklin	Particle or Wave?
Saeed Rasheed	Perfect Mask
Chiamaka Emeadi	To Wash or Not To Wash?
Mahum Imtiaz	Keeping It Private

Pewter Medals

Name	Project Title
Julianne Berg	What Makes a Master Mask?
Aadrika Bhakt	Does Infrared Radiation Outshine Visible Light?
Sophie Brezina	Sip It Up
Sawyer Martin	SPH For Large Scale Real Time Liquid Fluid Simulation
Payton Clyde	Time Expand and Demand?
Ian Dearlove	Bird's-Eye View
Yurii Grodzevich	Studying Airflows via Laser Based Visualization
Malcolm Lewis-Donnelly	Folded Flyers
Joshua Ainsworth & Carter Hall	Muse It or Lose It
Iris Osborne	Acid in the Stream: A Study of pH in an Ontario Creek in Winter
Sara Ashraf	Typoglycemia
Lu Chen	Electromagnetic Vibration Energy Recovery System
Declan Down & Logan Burnett	Does Time Fly When You're Having Fun?
Riley Lubrick	Infrared Camera Blocking Hat
Kasra Fathi	Ready Set Stretch