

2021 WWSEF Awards

Award of Excellence

| Name | Project Title |
|--------------|--|
| Hardit Singh | Specular: 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 | Specular: 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 | Specular: 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 Georghiades | 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 | Specular: 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 of 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-Dentify |
| 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 |