

2022 WWSEF Awards

Award of Excellence

| Name | Project Title |
|-------------|--|
| Cindy Cheng | A Novel Biomimetic Skin Substitute for Accelerated Wound Healing |

Awards of Merit

| Name | Project Title |
|-------------------|--|
| Hudson Jantzi | Using Robotics to Naturally Trim the Dandelion Cycle |
| Cindy Cheng | A Novel Biomimetic Skin Substitute for Accelerated Wound Healing |
| Nuha Akhand | Inhibition of Cancer Cells through Algae Derived EPA |
| Mariya Turetska | Inhibition of Cancer Cells through Algae Derived EPA |
| Abigail Chan | Regulating Digital Eye Strain Using Similarity Index |
| Ashish Chettimada | Bacteriophages: curing one infection with another |
| Jasmine Schneider | Phosphate Removal from Groundwater Using Mussel Shell Biochar |
| Derek Sheen | A Novel Approach to Detecting Melanoma Using Deep Learning |
| Roocha Shukla | Nano-greens for Healthy Microgreens |

Best in Division Awards

| Name | Project Title |
|-------------------|--|
| Jasmine Schneider | Phosphate Removal from Groundwater Using Mussel Shell Biochar |
| Cindy Cheng | A Novel Biomimetic Skin Substitute for Accelerated Wound Healing |
| Derek Sheen | A Novel Approach to Detecting Melanoma Using Deep Learning |

Stephen J. Little Award

| Name | Project Title |
|----------------|--------------------|
| Matthias Hupel | Electrified Waters |

Sci-Tech Ontario Stepping Stone Award

| Name | Project Title |
|--------------|---|
| Gurnoor Kaur | Drink-Safe : A Low-Cost Portable Water Sensor |
| Iman Mohamed | Reacting Reactions! |
| Coralie Hare | Disinfectant Debunk |
| Nadia Radwan | Can You Identify Me? |

Best Written Reports

| Name | Project Title |
|-------------------|--|
| Aadrika Bhakt | Electromagnetic Radiation vs. Human ingenuity – The Faraday Cage |
| Katelyn Wu | Tay-Sachs Disease: Mechanisms of Neuronal Cell Death |
| Iman Mohamed | Reacting Reactions! |
| Hudson Jantzi | Using Robotics to Naturally Trim the Dandelion Cycle |
| Brendon Ney | Award or Abuse?: The effect of rewards and punishments |
| Jasmine Schneider | Phosphate Removal from Groundwater Using Mussel Shell Biochar |

Gold Medals

| Name | Project Title |
|--------------------|---|
| Coralie Hare | Disinfectant Debunk |
| Iain Sunday | Double Dipped: A study on the risks of double dipping. |
| Matthias Hupel | Electrified Waters |
| Laila Sales | Memory Lane: A Study of Different Modes of Studying |
| Sol Kwak | Change a drone's rhythm with an algorithm! |
| Shayla Nobels | Crazy Colours: How Does Colour Affect Reaction Time and Memory? |
| Hailey Gervais | Paper VS Digital: Who will win? |
| Nuha Akhand | Inhibition of Cancer Cells through Algae Derived EPA |
| Mariya Turetska | Inhibition of Cancer Cells through Algae Derived EPA |
| Abigail Chan | Regulating Digital Eye Strain Using Similarity Index |
| Roocha Shukla | Nano-greens for Healthy Microgreens |
| Carson Toonstra | Tough Crowd: a study of task selection and the Audience Effect. |
| Veronika Markovich | Energetic Basil |

Silver Medals

| Name | Project Title |
|-------------------|---|
| Nadia Radwan | Can You Identify Me? |
| Gurnoor Kaur | Drink-Safe : A Low-Cost Portable Water Sensor |
| Zoe Woods | OMGF, is it going to kill me? |
| Ashish Chettimada | Bacteriophages: curing one infection with another |
| Sarah Jakob | Does Music Affect Animal Behaviour |
| Eva Weber | Salamander Study |
| Angelina Li | Pigment Variety in Different Leafy Greens |
| Mahum Imtiaz | The Painkiller Race |
| Mike Aykut | Sounds Like a Melody: Let Music Carry Away Your Stress |
| Yash Patel | Coding in the Classroom |
| Fatima Aamir | Digital Technology Solutions for ADHD |
| Aisha Aamir | Digital Technology Solutions for ADHD |
| Timothy Lu | Northern Hemisphere Warming by Sea-Ice Loss Artic Amplification |

| Name | Project Title |
|-----------------------|---------------|
| Kalli-Ann Sevaptsidis | Frying Diodes |

Bronze Medals

| Name | Project Title |
|--------------------------|--|
| Logan Ge | Choosing a Speedcube |
| Calum Kocher | EMF Radiation Effects on Plants |
| Lucas Lloyd-Bee | Light's Landing |
| Sawyer Healy | The Oil Separation Basin |
| Kairus (Kairie) McKillop | Escape the Scrape |
| Zahra Saji | Bacteria Be Gone |
| Manaal Sohail | Sustainability Station |
| Meha Zubair | Sustainability Station |
| Thomas Wu | The Risk of Time |
| Aadrika Bhakt | Electromagnetic Radiation vs. Human ingenuity – The Faraday Cage |
| Keya Dattani | Which cleaning product cleans the most bacteria? |
| Heidi Knight | Which cleaning product cleans the most bacteria? |
| Jiayu (Diana) Chen | Buffer Balls |
| Jong-Eon Kim | Sugar: Sweet Literally but not Metaphorically! |
| Anahat Bedi | Adding Iron & Calcium to Plants |
| Arhona Bhadra | Algorithm to Optimize Energy Consumption with Internet of Things |

Pewter Medals

| Name | Project Title |
|-----------------------|---|
| Lucy Thomas | Flour Power |
| Payton Clyde | Does doo-doo do good? |
| Maryam Sheikh | Do You Learn What You See? |
| Brenna Allen | How Classical Music Affects Memory |
| Abdullatif Alarakhia | Impulse Coordination |
| Muhammad Imran | The Role of Citric+Malic Acid in Electrochemical Cells |
| Frederick Hofbauer | Green is mean? A study in color to emotion. |
| Kristina Novakovic | Sleep, Speak, Repeat |
| Hannah Bannister | Cookie Recipes & Ingredients |
| Marshall Cline | Sound Localization at Differing Frequencies |
| Isra Ashraf | Beeswax-Creating a Buzz |
| Vladislav Gryshchenko | Generation of Hydrogen During Electrolysis |
| Hasan Syed Ali | Video Game Addiction |
| Saeed Rasheed | The Effect of COVID-19 Pandemic on School-Aged Children |
| Nayaa Singh | Softening the sound |