**Research Awards 2017-2018**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CONTEST** | **AWARD** | **STUDENT(S)** | **PROJECT TITLE** | **LAB MENTOR** | **SCHOOL MENTOR** |
| Regeneron Science Talent Search | Scholar | Spencer Lazar | Worth a Shot? The Impact of Various Public Health Factors on Participants’ Intent to Get Vaccinated | In-House | Dr. Allyson Weseley |
|  | Scholar | Vincent Yao | The Novel Isolation and Structural Analysis of Hyperoside from *Perilla frutescens* and its Therapeutic Molecular Mechanisms Against Colorectal Adenocarcinoma | Dr. Wei Zhu | Dr. Allyson Weseley |
| Siemens | Regional Finalist | Austin Lee | Synthesis and Evaluation of Novel Anti-Cancer Maleic Anhydride Derivatives for the Treatment of Cancer | Dr. Wei Zhu | N/A |
|  | Semifinalist | Vincent Yao | The Novel Isolation and Structural Analysis of Hyperoside from *Perilla frutescens* and its Therapeutic Molecular Mechanisms Against Colorectal Adenocarcinoma | Dr. Wei Zhu | Dr. Allyson Weseley |
| Long Island Science and Engineering Fair | 2nd Place (Behavioral Science) | Ellie Eisenberg | The Speed and Accuracy of Reactions Based on the Presence of Peripheral Limb Motion as Visual Cues | In-House | Dr. Allyson Weseley |
| 3rd Place (Cell & Molecular Biology) | Justin Leu | Identification of Clinically Derived COP1 Mutations in Melanoma | Dr. Jason Xie | Dr. Allyson Weseley |
| Honorable Mention (Cell & Molecular Biology) | Matthew Berman | The Pancreatic Cancer Microbiome Promotes Oncogenesis by Induction of Innate and Adaptive Immune Suppression | Dr. George Miller | Dr. Allyson Weseley |
| Honorable Mention (Behavioral Science) | Spencer Lazar | Worth a Shot? The Impact of Various Public Health Factors on Participants’ Intent to Get Vaccinated | In-House | Dr. Allyson Weseley |
| Long Island Science and Engineering Fair Junior Varsity (JV) | 2nd Place (Behavioral Science) | Maleeha Rahman | How to Raise a Healthy Eater: Parenting Methods as Long-term Predictors of Children's Eating Behavior | In-House | Dr. Allyson Weseley |
|  | 3rd Place (Medicine) | Ramneek Kaur | Hypothermia as an Inhibitor of Apoptotic Cell Death | Dr. Maria Delivoria  Papadopoulos | Dr. Allyson Weseley |
|  | 3rd Place (Behavioral Science) | Adrian Ke | The Effect of Graph Embellishment and Scientific Jargon on Perceived Trustworthiness, Memorability, and Comprehension | In-House | Dr. Allyson Weseley |
|  | Honorable Mention (Physics) | Justin Schiavo | The Effect of an Aerospike Nozzle on the Hybrid Rocket Engine | Mr. Michael Schiavo | Dr. Allyson Weseley |
| Long Island High School Psychology Fair | Best in Category | Ellie Eisenberg | The Speed and Accuracy of Reactions Based on the Presence of Peripheral Limb Motion as Visual Cues | In-House | Dr. Allyson Weseley |
|  | Best in Category | Sanwood Gim | Beethoven vs. Bublé: The Effect of Music on Creativity | In-House | Dr. Allyson Weseley |
|  | Best in Category | Johanna Kann  and  Mayeesa Rahman | The New F Word | In-House | Dr. Allyson Weseley |
| Long Island Science Congress | High Honors | Maddie Rubin and Lianna Friedman | The Effect of Resource pH on the Transgenerational Fitness of Drosophila melanogaster | In-House | Mr. Joseph Dispigno |
| High Honors | Sophie Fries and Gabby Fries | Too Many Looks at Online Grade Books: The Relationship Between Frequency of Access to Online Grade Books with Student Motivation and Academic Stress | In-House | Mrs. Alison Morin |
| Honors | Lauren Christenson | The Effects of Ethics Bowl Participation | In-House | Dr. Allyson Weseley |
| Honors | Joshua Flashner and Andrew Goldberg | Man and Machine: Comparing Accuracy of Long-Bone Fracture Identification between Convolutional Neural Networks and Radiologists | In-House | Mr. Joseph Dispigno |
| Honors | Adrian Ke | The Effect of Graph Embellishment and Scientific Jargon on Perceived Trustworthiness, Memorability, and Comprehension | In-House | Dr. Allyson Weseley |
| Honors | Feyi Rufai and Olivia Viruet-Quintero | The Effects of Gender and Gendered Traits on Perceived Qualifications | In-House | Mrs. Alison Morin |
| Honors | Jeffrey Yu | Developing A Low-Cost and Efficient Universal Liquid 3D Printer Apparatus | In-House | Dr. Allyson Weseley |
| WAC Lighting Research Association Fair | 1st Place Senior Division  (Behavioral & Social Science) | Johanna Kann | Black and Blue: Investigating the Role of Officer Race in Perceived Trust and Legitimacy | In-House | Dr. Allyson Weseley |
| 1st Place (Behavioral & Social Science) | Asher Bykov | The Effect of Power Posing, Gestures, and Gender on Credibility and Likability | In-House | Dr. Allyson Weseley |
| 1st Place (Prototype Engineering) | Jeffrey Yu | Developing A Low-Cost and Efficient Universal Liquid 3D Printer Apparatus | In-House | Dr. Allyson Weseley |
| 1st Place (Earth and Environmental Sciences) | Nicole Blattman and Makenzie Komack | Erase the Waste! The Use of Daphnia Magna as an Indicator of Pollution and Toxicity in Manipulated and Local Surface Waters | In-House | Mr. Joseph Dispigno |
| 1st Place (Computer Science and Modeling) | Josh Flashner and Andrew Goldberg | Man and Machine: Comparing Accuracy of Long-Bone Fracture | In-House | Mr. Joseph Dispigno |
| 1st Place (Behavioral & Social Science) | Feyi Rufai and Olivia Viruet-Quintero | The Effects of Gender and Gendered Traits on Perceived Qualifications | In-House | Mrs. Alison Morin |
| 2nd Place (Behavioral & Social Science) | Sophie Fries and Gabby Fries | Too Many Looks at Online Grade Books: The Relationship Between Frequency of Access to Online Grade Books with Student Motivation and Academic Stress | In-House | Mrs. Alison Morin |
| 2nd Place (General Biology) | William Borges and Spencer Tsao | At The Heart of ASMR: A Study on the Effects of ASMR on Students | In-House | Mr. Vincent Kreyling |
| 3rd Place (Behavioral and Social Science) | Drew Goldman | StriSynth vs PowerShell: The Measure of Efficiency | Mark Santalucito and Dr. Ruzika Piskac | Dr. Allyson Weseley |
| 3rd Place (Behavioral & Social Science) | Jasmine Ting | The Effects of Priming on Memory and Response Structure of Bilingual Participants | In-House | Dr. Allyson Weseley |
| Merit (Behavioral and Social Sciences) | Lauren Christenson | The Effects of Ethics Bowl Participation | In-House | Dr. Allyson Weseley |
| Merit Senior Division  (Behavioral and Social Science) | Jasmine Berger | When Colorblind is Color Bias: Effect of Multicultural and Colorblind Racial Attitudes on Victim Blaming Tendencies | In-House | Dr. Allyson Weseley |
| Merit (Physics and Astronomy) | Justin Schiavo | The Effect of an Aerospike Nozzle on the Hybrid Rocket Engine | In-House | Dr. Allyson Weseley |
| Merit (Behavioral & Social Science) | Daleep Grewal and Daniella Futoran | The Influence of Maternal Employment on Children’s Career Ambition and Perception of Gender Equality | In-House | Ms. Andrea Pearlman |
| Merit (Prototype Engineering) | Jessica Fox, Ethan Wachsman, Alexander Tepedino | The Effect of Propellers on UAV Noise Output | In-House | Dr. Allyson Weseley |
| Honors (Behavioral and Social Science) | Charlotte Levin and Isabella Antonuik | Let There Be Light: Natural and Artificial light and the Effect On Cognitive Achievement | In-House | Dr. Allyson Weseley |
| Honors (Behavioral and Social Science) | Jake Litvack and Jacob Stein | Stretching for Academic Opportunity: The Effect of Physical Activity on Academic Behavior | In-House | Mrs. Alison Morin |
| Honors (Behavioral & Social Science) | Ryan Chou, Alida Pahlevan, Sarah Klein, Katie Lam | The Effects of Location and Color on Recycling | In-House | Dr. Allyson Weseley |
| Honors (Behavioral & Social Science) | Yasin Badawy and Jake Stoller | The Hidden Key to Your Diet? How Straw Size Affects Consumption | In-House | Mrs. Alison Morin |
| Roslyn Research Fair | Best in Fair | Nicole Blattman and Makenzie Komack | Erase the Waste! The Use of Daphnia Magna as an Indicator of Pollution and Toxicity in Manipulated and Local Surface Waters | In-House | Mr. Joseph Dispigno |
| Best in Category | Lianna Friedman and Maddie Rubin | The Effect of Resource pH on the Transgenerational Fitness of Drosophila melanogaster | In-House | Mr. Joseph Dispigno |
| Best in Category | Gabby Fries and Sophie Fries | Too Many Looks at Online Grade Books: The Relationship Between Frequency of Access to Online Grade Books with Student Motivation and Academic Stress | In-House | Mrs. Alison Morin |
| Honorable Mention | Josh Flashner and Andrew Goldberg | Man and Machine: Comparing Accuracy of Long-Bone Fracture Identification between Convolutional Neural Networks and Radiologists | In-House | Mr. Joseph Dispigno |
| Honorable Mention | Truman Chong and Josh Kim | The Effect of Crude Protein Levels in Fish Food on Lettuce Growth in an Aquaponic System | In-House | Mr. Vincent Kreyling |
| Honorable Mention | Yasin Badawy and Jake Stoller | The Hidden Key to Your Diet? How Straw Size Affects Consumption | In-House | Mrs. Alison Morin |
| Honorable Mention | Ryan Chou, Sarah Klein, Katie Lam, and Alida Pahlevan | The Effects of Location and Color on Recycling | In-House | Dr. Allyson Weseley |
| Ecybermission | Honorable Mention | Jessica Fox, Ethan Wachsman, Alexander Tepedino, and Justin Weiser | The Effect of Propellers on UAV Noise Output | In-House | Dr. Allyson Weseley |