**Research Awards 2020-2021**

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| **CONTEST** | **AWARD** | **STUDENT(S)** | **PROJECT TITLE** | **LAB MENTOR** | **SCHOOL MENTOR** |
| NYSSEF | 3rd Place | Owen Edelstein | Identifying Pancreatic Adenocarcinoma-Causing Proteins with Protein-Protein Interaction Networks Via Machine Learning | Eric Frankel | Dr. Allyson Weseley |
| JSHS | Semifinalist  3rd place in Room | Jake Azrolan | The Effect of High Glucose on APol1-microRNA193a in Podocytes and its Relevance in High Glucose and Puromycin Aminonucleoside (PAN) Induced Apoptosis | Dr. Malhotra, Dr. Fishbane, Dr. Singhal | Dr. Allyson Weseley |
| Semifinalist | Chelsea Kumar | The Development of a Unidirectional Vagus Nerve Stimulator | Dr. Aydin Farajidavar, Dr. Amir Javan-Khoshkholgh | Dr. Allyson Weseley |
| SAAWA | 1st Place – Behavioral Science | Luke Christenson | The Relationship Between Diction, and Word Count in Abstracts and Their Success in Competition | Ms. Ping Ya | Dr. Allyson Weseley |
| 3rd Place - Behavioral Science | Bennett Levine | Should I stay or should I go...to school? Stress, Loneliness, and Material Retention of High School Students during COVID-19 | In-House | Dr. Allyson Weseley |
| Honorable Mention – Behavioral Science | Yasmine Kaplan | The Effect of Communal or Agentic Traits on Vote Choice | In-House | Dr. Allyson  Weseley |
| Honorable Mention – Biology | Harshita Sehgal | Understanding the Evolutionary Development of Radio-Resistance in the Arabidopsis thaliana | Ms. Nicolette Sipperly | Dr. Allyson Weseley |
| Ecybermission | 1st Place – NYS  Regional Finalist | Aasiya Zaidi, Daphne Lin, Stephanie Yeh, Fariha Majumder | The Effect of Emojis on Perception of Character | In-House | Dr. Allyson Weseley |
| Honorable Mention - NYS | Elle Kaplan, Alexander Kanner, Sloane Simon | The Effect of Name and Decoration on Perceptions of a Baked Good | In-House | Dr. Allyson Weseley |
| WAC Lighting Research Association Fair - Senior Division | 1st place – Behavioral and Social Sciences | Luke Christenson | The Relationship Between Diction, and Word Count in Abstracts and Their Success in Competition | Ms. Ping Ya | Dr. Allyson Weseley |
| 1st place – Behavioral and Social Sciences | Emily Yeh | The Attitudes of Participants Towards Different Types of Genetically Modified Products | In-House | Dr. Allyson Weseley |
| 2nd place –Behavioral and Social Sciences | Natalia Hakimi | The Effect of Wording, Political Party Affiliation, and Source on Perception of the Covid-19 Vaccine and Intent to Obtain the Covid-19 Vaccine | In-House | Dr. Allyson Weseley |
| 2nd place –Behavioral and Social Sciences | Timothy Wang | Students' Attitudes Towards Different Proposed Physical Education Classes | In-House | Dr. Allyson Weseley |
| 2nd place –Behavioral and Social Sciences | Hailee Youn | To Vote or Not to Vote--The Effect of Descriptive Norms on Intention to Vote | In-House | Dr. Allyson Weseley |
| 2nd place – Computer Science and Modeling | Owen Edelstein | Identifying Pancreatic Adenocarcinoma- Causing Proteins with Protein-Protein Interaction Networks through Machine Learning | Eric Frankel | Dr. Allyson Weseley |
| 3rd place –Behavioral and Social Sciences | Yasmine Kaplan | The Effect of Communal or Agentic traits on Vote Choice | In-House | Dr. Allyson Weseley |
| 3rd place –Behavioral and Social Sciences | Bennett Levine | Should I stay or should I go...to school? Stress, Loneliness, and Material Retention of High School Students during COVID-19 | In-House | Dr. Allyson Weseley |
| 3rd place –Behavioral and Social Sciences | Brooke Williams | The Impact of Race on the Perception of Credibility in Cases of Workplace Sexual Harassment | In House | Dr. Allyson Weseley |
| Honorable Mention – General Biology | Harshita Sehgal | Understanding the Evolutionary Development of Radio-Resistance in the A. thaliana | Ms. Nicolette Sipperly | Dr. Allyson Weseley |
| Honorable Mention – Medicine and Health | Laura Chu | Novel Combinations of Plant Bioactive Chemicals Enhance Lenalidomide’s Efficacy against Colon Cancer Cells as Measured by Apoptosis - Migration - and Immune Regulation | Dr. Wei Zhu | Dr. Allyson Weseley |
| Honorable Mention – Medicine and Health | Jaideep Grewal | Future of Medicine? Perceptions and Applications of Telemedicine between Doctors and Patients amid Covid-19 Pandemic. | In House | Dr. Allyson Weseley |
| Honorable Mention – Behavioral and Social Sciences | Maya Groothuis | Climate change action: How does efficacy play a role? | In-House | Dr. Allyson Weseley |
| Honorable Mention – Behavioral and Social Sciences | Ethan Kessler | Racial Stereotypes of Athletes | In-House | Dr. Allyson Weseley |
| Honorable Mention – Behavioral and Social Sciences | Hailey Margulies | Compliance with the CDC's Mask Recommendations and the perceived risk of COVID-19? | In-House | Dr. Andrea Pearlman |
| Honorable Mention – Behavioral and Social Sciences | Trevor Kim | The Effect of Names on Employment: Analysis of Occupational Stereotypes | In-House | Dr. Allyson Weseley |
| Roslyn Research Fair | 1st Place | Kristi Lam, Emelie Nguyen, and Samara Yadegari | The Effects of Upspeak, Gender, and Job Position on Personality Perception and Hireability | In-House | Ms. Andrea Pearlman |
| 2nd Place | Rachel Kwon and Sara Rosenbaum | Factors Affecting Vaccine Hesitancy | In-House | Ms. Andrea Pearlman |
| 3rd Place | Jacob Gross, Noah Janowitz, Jim Kaplan | You are what you (M)eat  The Effect of Omnivore, Vegetarian, and Vegan diets on Perceptions of Masculinity and Greenness and the Likelihood of Each Gender Considering Changing Diet | In-House | Dr. Allyson Weseley |
| 4th Place | Hanah Youn, Isabella Shiff, Maddie Skopicki, and Sofia Lee | The Effect of Different Virtual Meeting Backgrounds on Perceptions of Intelligence and Approachability | In-House | Dr. Allyson Weseley |
|  | 4th Place | Aasiya Zaidi, Daphne Lin, Stephanie Yeh, Fariha Majumder | The Effect of Emojis on Perception of Character | In-House | Dr. Allyson Weseley |
|  | Honorable Mention | Jacob Kaftol, Sayem Kamal | The Social Perceptions of People Based on Style of Mask | In-House | Ms. Andrea Pearlman |
|  | Honorable Mention | Arya Sinha and Sonia Chandra | The Effect of the Clutter and Perception of a Virtual Environment on Creativity | In-House | Mrs. Andrea Pearlman |
| Honorable Mention | Jessie Dong, Maxx Yung | The Effectiveness of the Seaweed Sargassum on Absorbing and Neutralizing Iron from the Environment | In-House | Mr. Vincent Kreyling |
| Honorable Mention | Belinda Lin and Isabella Pozo | The Effects of Green Tea Consumption on Breast Cancer Risk | In-House | Mr. Joseph Dispigno |
| LISC (Long Island Science Congress) Senior Division | Highest Honors | Rachel Kwon and Sara Rosenbaum | Factors Affecting Vaccine Hesitancy | In-House | Ms. Andrea Pearlman |
|  | Honors | Arya Sinha and Sonia Chandra | The Effect of the Clutter and Perception of a Virtual Environment on Creativity | In-House | Ms. Andrea Pearlman |
|  | Honors | Kristi Lam, Emelie Nguyen, and Samara Yadegari | The Effects of Upspeak, Gender, and Job Position on Personality Perception and Hireability | In-House | Ms. Andrea Pearlman |
|  | Honors | Jessie Dong, Maxx Yung | The Effectiveness of the Seaweed Sargassum on Absorbing and Neutralizing Iron from the Environment | In-House | Mr. Vincent Kreyling |
|  | Honors | Shrimoyee Sen, Amanda Liswood | The Effect of Mask Material on Filtration | In-House | Mr. Joseph Dispigno |
| LISC (Long Island Science Congress) Junior Division | Highest Honors | Aasiya Zaidi, Daphne Lin, Stephanie Yeh, Fariha Majumder | The Effect of Emojis on Perception of Character | In-House | Dr. Allyson Weseley |
|  | Highest Honors | Hanah Youn, Isabella Shiff, Maddie Skopicki, and Sofia Lee | The Effect of Different Virtual Meeting Backgrounds on Perceptions of Intelligence and Approachability | In-House | Dr. Allyson Weseley |
|  | Highest Honors | Dante Turkaswand, Cole Goodman | Seas the Day! Building a Raft Powered by Surface Tension | In-House | Ms. Terisa Charles |
|  | High Honors | Jacob Zwerling, Mason Lee, and Zejane Lee | The Effect of Name on Public Perceptions of Communicable Diseases | In-House | Dr. Allyson Weseley |
|  | Honors | Ashley Kim, Shayla Ai | The Deceptive Allure of Graph Dimension: The Effect of Bar Graph Dimension on Data Comprehension and Perceived Aesthetic Value | In-House | Dr. Allyson Weseley |
|  | Honors | Noah Janowitz, Jacob Gross, Jim Kaplan | You are what you (M)eat  The Effect of Omnivore, Vegetarian, and Vegan diets on Perceptions of Masculinity and Greenness and the Likelihood of Each Gender Considering Changing Diet | In-House | Dr. Allyson Weseley |
|  | Honors | Elle Kaplan, Alexander Kanner, Sloane Simon | The Effect of Name and Decoration on Perceptions of a Baked Good | In-House | Dr. Allyson Weseley |
| NSPC Health Fair Winners | 4th Place – Biology-Medicine and Health | Ariana Matarangas | Simplifying the Prediction of Autism Spectrum Disorder: An Improved and Rescaled K-Nearest Neighbor Algorithm | Becca Kern and Kamyar Ghiam | Dr. Allyson Weseley |
| 8th Place – Health Related Biochemistry and Biophysics | Belinda Lin and Isabella Pozo | The Effects of Green Tea Consumption on Breast Cancer Risk | In-House | Mr. Joseph Dispigno |
| 9th place – Behavioral Science | Hailey Margulies | Behind the Mask: How Does the Perception of Masks Affect the Public’s Compliance with Health Recommendations and the Perceived Risk of COVID-19? | In-House | Ms. Andrea Pearlman |