

## Research Awards 2021-2022

<b>CONTEST</b>	<b>AWARD</b>	<b>STUDENT(S)</b>	<b>PROJECT TITLE</b>	<b>LAB MENTOR</b>	<b>SCHOOL MENTOR</b>
Regeneron Science Talent Search	Finalist	Hailee Youn	Why We Vote: How Positive Descriptive Norms and Holding a Minority Political Viewpoint Increase Citizens' Intention and Responsibility to Vote	In House	Dr. Allyson Weseley
	Scholar	Lindsay Fabricant	The Construction and Simulation of a Four-Finger Soft Robotic Gripper	In House	Ms. Spyridon and Mr. Lee
	Scholar	Maya Groothuis	Climate Change Action: The Role of Environmental Efficacy Beliefs	In House	Dr. Allyson Weseley
	Scholar	Harshita Sehgal	Understanding the Evolutionary Development of Radio Resistance in the Brassicaceae Family	Nicolette Sipperly	Dr. Allyson Weseley
Long Island Science and Engineering Fair	1 <sup>st</sup> Place (Behavioral and Social Sciences)	Hailee Youn	Why We Vote: How Positive Descriptive Norms and Holding a Minority Political Viewpoint Increase Citizens' Intention and Responsibility to Vote	In House	Dr. Allyson Weseley
	2 <sup>nd</sup> Place (Biomedical and Health Sciences/Biomedical Engineering)	Maxx Yung	Activation of the Mu-Opioid Receptor on the Renin-Angiotensin System and Its Role in SARS-CoV-2 Treatment and Pathology	Dr. Wei Zhu	Dr. Allyson Weseley
	3 <sup>rd</sup> Place (Behavioral and Social Sciences)	Emily Yeh	The Effect of Genetically Modified Labeling of Plant and Animal Products on Consumer Perceptions	In House	Dr. Allyson Weseley
	Honorable Mention (Biomedical and Health)	Jessie Dong	Natural is Not Neutral: Dangers of Natural Compounds Found in Supplements/Nutraceuticals and	Dr. Wei Zhu	Dr. Allyson Weseley

	Sciences/Biomedical Engineering)		Therapeutic Mechanisms of Luteolin on Neuroblastoma and Lymphoma		
	Honorable Mention (Chemistry and Materials Science)	Sam Jacobson	The Effectiveness of Self Oscillating, Catalyzed Belousov-Zhabotinsky (BZ) Gel in Solving the Traveling Salesman Problem	Dr. Sabrina Sobel	Dr. Allyson Weseley
	Honorable Mention (Computational Biology and Bioinformatics/ System Software)	Brian Song	Northern Leaf Blight Detection in Natural Environment Using Optimized YOLOv3	Jeongkyu Lee	Dr. Allyson Weseley
Long Island Junior Science and Humanities Symposium	2 <sup>nd</sup> Place (Chemical Sciences)	Samuel Jacobson	The Effectiveness of Self Oscillating, Catalyzed Belousov-Zhabotinsky (BZ) Gel in Solving the Traveling Salesman Problem	Dr. Sabrina Sobel	Dr. Allyson Weseley
	2 <sup>nd</sup> Place (Engineering Sciences)	Lindsay Fabricant	The Construction and Simulation of a Four-Finger Soft Robotic Gripper	In House	Ms. Spyridon and Mr. Lee
	Semifinalist (Behavioral Sciences)	Bennett Levine	Should I stay or should I go...to school?: The Effects of Remote and Hybrid Schooling on High School Students	In House	Dr. Allyson Weseley
	Semifinalist (Behavioral Sciences)	Hailee Youn	Why We Vote: How Positive Descriptive Norms and Holding a Minority Political Viewpoint Increase Citizens' Intention and Responsibility to Vote	In House	Dr. Allyson Weseley
New York State Science and Engineering Fair	1 <sup>st</sup> Place (Biomedical and Health Sciences)	Jessie Dong	Natural is Not Neutral: Dangers of Natural Compounds Found in Supplements/Nutraceuticals and Therapeutic Mechanisms of Luteolin on Neuroblastoma and Lymphoma	Dr. Wei Zhu	Dr. Allyson Weseley

	2 <sup>nd</sup> Place (Computational Biology and Bioinformatics)	Brian Song	Northern Leaf Blight Detection in Natural Environment Using Optimized YOLOv3	Jeongkyu Lee	Dr. Allyson Weseley
	Honorable Mention (Behavioral Sciences)	Elle Kaplan	Player or “Player”: The Effect of Uniform and Pose on Perceptions of Female Athletes	In House	Ms. Andrea Pearlman
	Honorable Mention (Biomedical and Health Sciences)	Maxx Yung	Activation of the Mu-Opioid Receptor on the Renin-Angiotensin System and Its Role in SARS-CoV-2 Treatment and Pathology	Dr. Wei Zhu	Dr. Allyson Weseley
New York State Science Congress	Honors	HanahYoun and Aasiya Zaidi	Fight the Blue Light: The Effect of Dichroic Optical Filters on Blue Light Transmissions and Plant Photomorphogenesis	In House	Ms. Lisa Spyridon
Long Island Science Congress: Senior Division	State Nominees, Highest Honors	Elle Kaplan		Ms. Andrea Pearlman	Ms. Andrea Pearlman
		HanahYoun and Aasiya Zaidi	Fight the Blue Light: The Effect of Dichroic Optical Filters on Blue Light Transmissions and Plant Photomorphogenesis	In House	Ms. Lisa Spyridon
	Honors	Alexandra Kanner and Madeline Skopicki	Perceptions of Individuals with Autism	In House	Ms. Andrea Pearlman
		Jake Konigsberg	The Effect of Note Taking on Memory Retention	In House	Ms. Andrea Pearlman
		Evalia Koumpourlis and Blake Sohmer	The Saliience of PPP: The Effect of the Placement of a Price per Pill on Perceived Value and Likelihood to Purchase	In House	Dr. Allyson Weseley

		Sara Rosenbaum	Effect of Photoshop and Number of Lives on Self Esteem, Body Satisfaction, and Social Comparison	In House	Dr. Allyson Weseley
		Arya Sinha	The Effect of Different User Interface Designs on Reaction Times and Stress	In House	Ms. Andrea Pearlman
Long Island Science Congress: Junior Division	High Honors	Esha Chandra, Danielle Chen, and Anika Tolat			
		Audrey Chen and Adriana Zhao			
		Zachary Davidson and Joshua Mazarin			
		Sarah Fernbach, Lily Rosof, and Mia Streiner			
		Jessica Zucker, Annie Marcus, Mallory Sorkin			
	Honors	Ethan Berkowitz, Sophie Glass, and Justin Margulies			
		Rebecca Fabricant, Ava Ramsey, and Sarah Zwerling			
		Alex Jon and Yereem Kim			
		Sophie Song and Dana Wang			

WAC Lighting Invitational Science Fair/Research Association Fair	1 <sup>st</sup> Place (Behavioral/Social Science)	Alexandra Kanner and Madeline Skopicki	Perceptions of Individuals with Autism	In House	Ms. Andrea Pearlman
	1 <sup>st</sup> Place (Behavioral/Social Science)	Jake Konigsberg	The Effect of Note Taking on Memory Retention	In House	Ms. Andrea Pearlman
	1 <sup>st</sup> Place (Computer Science)	Brian Song	Northern Leaf Blight Detection in Natural Environment Using Optimized YOLOv3	Jeongkyu Lee	Ms. Lisa Spyridon
	1 <sup>st</sup> Place (General Biology)	Hanah Youn and Aasiya Zaidi	Fight the Blue Light: The Effect of Dichroic Optical Filters on Blue Light Transmissions and Plant Photomorphogenesis	In House	Ms. Lisa Spyridon
	2 <sup>nd</sup> Place (Behavioral/Social Science)	Elle Kaplan	Player or “Player”: The Effect of Uniform and Pose on Perceptions of Female Athletes	In House	Ms. Andrea Pearlman
	2 <sup>nd</sup> Place (Behavioral/Social Science)	Evalia Koumpourlis and Blake Sohmer	The Saliency of PPP: The Effect of the Placement of a Price per Pill on Perceived Value and Likelihood to Purchase	In House	Dr. Allyson Weseley
	2 <sup>nd</sup> Place (Behavioral/Social Science)	Arya Sinha	The Effect of Different User Interface Designs on Reaction Times and Stress	In House	Ms. Andrea Pearlman

	Honorable Mention (Behavioral/Social Science)	Shayla Ai	Risky Business: A Study of Gender, Age, and Financial Traits	In House	Ms. Andrea Pearlman
	Honorable Mention (Behavioral/Social Science)	Ethan Berkowitz, Sophie Glass, and Justin Margulies	Unmasking Masks	In House	Dr. Allyson Weseley
	Honorable Mention (Behavioral/Social Science)	Rachel Kwon	Investigating Bias Against Interracial Asian-White Couples	In House	Ms. Andrea Pearlman
	Honorable Mention (Medicine and Health)	Belinda Lin	The Effects of Meat Consumption on the Risk of Esophageal and Gastric Cancer		Dr. Allyson Weseley
	Honorable Mention (Behavioral/Social Science)	Daphne Lin and Stephanie Yeh	The Effect of Emojis in Advertisements on Consumer Purchase Intentions	In House	Ms. Andrea Pearlman
	Honorable Mention (Behavioral/Social Science)	Annie Marcus, Mallory Sorkin, and Jessica Zucker	The Concerning Effects of Distracted Driving	In House	Dr. Allyson Weseley
	Honorable Mention (Behavioral/Social Science)	Sara Rosenbaum	Effect of Photoshop and Number of Lives on Self Esteem, Body Satisfaction, and Social Comparison	In House	Dr. Allyson Weseley

	Honorable Mention (Medicine and Health)	Maxx Yung	Activation of the Mu-Opioid Receptor on the Renin-Angiotensin System and Its Role in SARS-CoV-2 Treatment and Pathology	Dr. Wei Zhu	Dr. Allyson Weseley
Roslyn Research Fair	1 <sup>st</sup> Place	Elle Kaplan	Player or “Player”: The Effect of Uniform and Pose on Perceptions of Female Athletes	In House	Ms. Andrea Pearlman
	2 <sup>nd</sup> Place	Shayla Ai	Risky business: A study of gender, age, and financial traits	In House	Ms. Andrea Pearlman
	2 <sup>nd</sup> Place	Audrey Chen and Adriana Zhao	Feast on Yeast: How yeast content influences drosophila melanogaster survival rate	In House	Mr. Vincent Kreyling
	3 <sup>rd</sup> Place	Hanah Youn and Aasiya Zaidi	Fight the Blue Light: The Effect of Dichroic Optical Filters on Blue Light Transmissions and Plant Photomorphogenesis	In House	Ms. Lisa Spyridon
	Honorable Mention	Esha Chandra, Danielle Chen, and Anika Tolat	How "Physical" is Physical Education?	In House	Dr. Allyson Weseley
	Honorable Mention	Sarah Fernbach, Lily Rosof, and Mia Streiner	Saving Our Oceans with Discount Psychology	In House	Dr. Allyson Weseley

	Honorable Mention	Daphne Lin and Stephanie Yeh	The Effect of Emojis in Advertisements on Consumer Purchase Intentions	In House	Ms. Andrea Pearlman
Ecybermission	1 <sup>st</sup> Place in NYS	Rebecca Fabricant, Ava Ramsey, and Sarah Zwerling	The effect of font on the perception of a charitable appeal	In House	Dr. Allyson Weseley
	2 <sup>nd</sup> Place in NYS	Esha Chandra, Danielle Chen, and Anika Tolat	How "Physical" is Physical Education?	In House	Dr. Allyson Weseley
	Honorable Mention in NYS	Ethan Berkowitz, Sophie Glass, Justin Margulies	Unmasking Masks	In House	Dr. Allyson Weseley