

County	Name	Award	School	Grade	Category	Project Name
Allegany	Elizabeth Lohmer	Allegany County Science Champion Unsinkable Competition	Canaseraga Central School	10	Animal Sciences (AS)	Survival Challenge
Broome	Adam Deuel	High Honors	St. John the Evangelist	5	Physics & Astronomy (PH)	Rubber Band Trajectory
Broome	Alana Rundell	U.S. Army Award High Honors	Seton Catholic Central High School	7	Energy & Transportation (ET)	Thermal Energy in Biodiesel
Broome	Austin Sadlemire Alexander Rando Wesley Thompson	Honors	Union-Endicott High School	12	Engineering: Electrical & Mechanical (EE)	Spike Guard
Broome	Briana Alford	Honors	Union-Endicott High School	11	Environmental Management (EM)	Beneficial Pest and Invasive Species
Broome	Christina Brennan	Highest Honors Ying Scholar Scholarship Ying TRSEF Grand Award ISEF Alternate United States Air Force Award	Union-Endicott High School	12	Behavioral and Social Sciences (BE)	Brain Injury and Crime Severity: Findings from an Incarcerated Sample
Broome	Clarissa Lett	Honors	Union-Endicott High School	11	Medicine and Health Sciences (ME)	The Effect of Exercise on HbA1c Levels on People with Type 1 Diabetes
Broome	Connor Goham	Highest Honors U.S. Metric Association Award NSPE Engineering Excellence Award	Union-Endicott High School	12	Engineering: Electrical & Mechanical (EE)	The Effect of Reflow Time and Temperature on Lead-Free Solder Undercooling and Internal Morphology
Broome	Danielle Testani Hailey Fox	High Honors	St. John the Evangelist	6	Engineering: Electrical & Mechanical (EE)	Magnet Magic: What Factors Affect the Strength of an Electromagnet?
Broome	Erin Koral	Honors	Union-Endicott High School	11	Behavioral and Social Sciences (BE)	Synesthesia and the Human Brain

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Broome	Ethan Valentine	Highest Honors U.S. Army Award	Maine-Endwell Middle School	8	Engineering: Electrical & Mechanical (EE)	How Does The Difference in Temperature in a Thermoelectric Generator Affect The Amount of Energy Produced?
Broome	Jacob Pylypciw	Honors	Jennie F. Snapp Middle School	8	Energy & Transportation (ET)	Which Metal Conducts Heat the Quickest
Broome	Jonah Allen Mojouk Ajak	High Honors	St. John the Evangelist	6	Engineering: Electrical & Mechanical (EE)	Need for Speed
Broome	Kaitlin Abrantes	Highest Honors Broadcom Masters	Seton Catholic Central High School	7	Microbiology (MI)	Genetic Transformation of Bacteria
Broome	Keirsten Frair	Honors American Meteorological Society Certificate	Windsor Middle School	8	Environmental Management (EM)	What Barrier Protects the Most Against Tsunami Damage to Land?
Broome	Keith Tschang	High Honors	St. John the Evangelist	5	Microbiology (MI)	What's Up With Water
Broome	Lauren Young	Highest Honors Broadcom Masters Unsinkable Competition	St. John the Evangelist	6	Plant Sciences (PS)	Hydroponics
Broome	LeeAnn Marcello	Highest Honors United States Air Force Award	Seton Catholic Central High School	10	Plant Sciences (PS)	Net Rate of Photosynthesis with Varying Wavelengths of Light
Broome	Lily Combs Anna Yuhnck	High Honors	St. John the Evangelist	5	Engineering: Materials & Bioengineering (EN)	Behr vs. Glidden Paint
Broome	Melanie Lyons	Highest Honors Broadcom Masters County Science Champion Broome Selby Hancox Engineering Award U.S. Army Award United States Air Force Award				

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Broome	Mia Calleo	Honors	Seton Catholic Central High School	7	Medicine and Health Sciences (ME)	How Exercise Affects Blood Pressure and Heart Rate
Broome	Michelle Knuepfer	High Honors Mu Alpha Theta Award	Union-Endicott High School	12	Environmental Sciences (EV)	Effect of Different Levels of Feeding on Growth and Survival of Young Ciscos (C. artedi)
Broome	Ryan Klein	Honors	Maine-Endwell Middle School	8	Energy and Transportation (ET)	How Does The Amount of Energy Generated by a Photovoltaic Cell Change Over Time
Broome	Shannon Daino Kristin Daino	High Honors	Maine-Endwell Middle School	8	Earth and Planetary Science (EA)	Which Color Light Evaporates Liquid the Fastest
Broome	Tanner Witt Justin Wintergrass Evan Shelp	Honors USNMC Distinguished Achievement Award United States Air Force Award	Union-Endicott High School	12	Engineering: Electrical & Mechanical (EE)	Easy Use Pencil Sharpener
Broome	Taylor Voorhis	Honors	Windsor Middle School	8	Environmental Sciences (EV)	Life's a Beach
Broome	Turner Pecen	High Honors Ying Scholar Finalist United States Air Force Award	Union-Endicott High School	12	Cellular and Molecular Biology (CB)	Determining the Differences in Detection Ability Between Chemiluminescent and Colorimetric Detection Systems Through Western Blot Analysis
Broome	Tyler Mucci	Highest Honors Broadcom Masters Science & Art of Photography Best of Show	Windsor Middle School	8	Physics and Astronomy (PH)	Design and Testing of a Dual Optic Refracting Telescope
Broome	William Eccleston	Honors Onondaga Community College STEM Initiatives Campus Award	Chenango Valley High School	9	Environmental Management (EM)	E-Waste, Are You Part of the Problem?
Cattaraugus	Ashlee Putt	Honors	Hinsdale Central School	11	Medicine and Health Sciences (ME)	Now You See It, Now You Don't!

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Cattaraugus	Brooke Johnson	High Honors	Hinsdale Central School	12	Behavioral and Social Sciences (BE)	Short Term Memory
Cattaraugus	Kristin Chapman	Honors	Hinsdale Central School	7	Medicine and Health Sciences (ME)	How Alcohol Affects Your Body
Cattaraugus	Kristyn Hayman	Highest Honors	Hinsdale Central School	12	Behavioral and Social Sciences (BE)	You See That?
Cattaraugus	Kyleigh Nolder	Highest Honors Broadcom Masters	Hinsdale Central School	7	Animal Sciences (AS)	Oil Spills Kill, Soaps can Rescue
Cattaraugus	Matthew Davis	Honors	Hinsdale Central School	12	Behavioral and Social Sciences (BE)	Don't Flinch
Cattaraugus	Michael Chapman	Highest Honors Broadcom Masters Cattaraugus County Science Champion U.S. Army Award	Hinsdale Central School	8	Engineering: Electrical & Mechanical (EE)	The Energy Wheel
Cattaraugus	Seth Sklar	M.E. Wood & Associates Award U.S. Army Award Mu Alpha Theta Award	Hinsdale Central School	8	Physics and Astronomy (PH)	Your Ticket to the Sky
Cattaraugus	Tobias Nelson	Highest Honors Broadcom Masters	Hinsdale Central School	7	Microbiology (MI)	Bacteria
Cattaraugus	Zachary Wilber	High Honors	Hinsdale Central School	10	Behavioral and Social Sciences (BE)	Power of Suggestion
Chautauqua	Bryce Gibbons	Bobbi Alcock Founders Award	Frewsburg Central	7	Biochemistry (BI)	Which orange gets the A for C?
Chautauqua	David Gregory	Honors	Frewsburg Central	8	Biochemistry (BI)	The Basil Tester
Chautauqua	Sara Marg Heidi Fabian	High Honors Chautauqua County Science Champion	Frewsburg Central	10	Biochemistry (BI)	The Spice Girls

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Chemung	Ada Wightman	High Honors	Chemung Valley Montessori School	8	Animal Sciences (AS)	The effect of artificial lighting on poultry
Chemung	Altan Kocatulum	Highest Honors Chemung County Science Champion	Chemung Valley Montessori School	7	Medicine and Health Sciences (ME)	Importance of Kick to Speed in Front-Crawl Swimming
Chemung	Matthew Rebis	Highest Honors Ernstsons Memorial Make a Difference Award Ricoh Sustainable Development Award U.S. Army Award United States Air Force Award	Chemung Valley Montessori School	7	Environmental Sciences (EV)	The Seasonal Effect on Macro-invertebrate and Water Quality in a Stream
Clinton	Grace Sayward	Highest Honors Unsinkable Competition Clinton County Science Champion	Stonebeck Academy	5	Animal Sciences (AS)	Icelandic Sheep Genetics
Clinton	Sullivan Kyle Liam Sayward	High Honors	Stonebeck Academy	8	Engineering: Electrical & Mechanical (EE)	Use of Gears in Robotics Design
Clinton	Trent Yourdon Christopher Neureuther	Highest Honors	Homeschool-Yourdon	5	Engineering: Electrical & Mechanical (EE)	Evaluation of Motion Options for NXT Robotics Design
Erie	Connor Huck	Honors	Buffalo City Honors School	10	Biochemistry (BI)	The separation and analysis of the fungal duplication of S5p
Erie	Jamerdon Dean	Honors	Buffalo City Honors School	12	Biochemistry (BI)	Evolution through Ribosomal Proteins

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Erie	Jordan Tick	Highest Honors Ying Scholar Finalist Ying TRSEF Grand Award Advancement to ISEF Yale Science & Engineering Assoc, Inc. Award	Buffalo City Honors School	11	Biochemistry (BI)	The Interactive Complex of Ribosomal Proteins S3, S10 and S14
Erie	Nadine Pershyn	Excellence in Cellular Biological Research Mu Alpha Theta Award	Buffalo City Honors School	12	Cellular and Molecular Biology (CB)	The Effect of Desferoxamine Mesylate on Aminolevulinic Acid Mediated Photodynamic Therapy of Cervical Cancer
Erie	Rex Herzberg	Honors	Buffalo City Honors School	10	Cellular and Molecular Biology (CB)	The Modulation of Expression levels of KLF9 using gene-silencing techniques to assess the degree of death caused by the induction of oxidative stress
Erie	Seamus Degan	Highest Honors Erie County Science Champion	Buffalo City Honors School	12	Cellular and Molecular Biology (CB)	The Role of Facilitates Chromatin Transcription (FACT) in Cancer
Erie	Yankang Yang	Highest Honors Ying Scholar Scholarship Ying TRSEF Grand Award Advancement to ISEF	Buffalo City Honors School	11	Cellular and Molecular Biology (CB)	Deletion of the P1 Promoter of Sialyltransferase ST6Gal-1 alters B-Cell Maturation in the Spleen
Essex	Benjamin Caito Vienna Ainsworth Bradley Neureuther	Highest Honors Essex County Science Champion	Homeschool- Neureuther	7	Engineering: Electrical & Mechanical (EE)	The "Helpmate"
Essex	Matthew Caito Alexandria Rock Harrison Kyle	High Honors Stockholm Junior Water Prize	Stone Ridge Academy	10	Environmental Sciences (EV)	Use and Design of the Cascading BioSand Pre-filter
Herkimer	Christopher Countryman	USNMC Distinguished Achievement Award	Mohawk Valley Christian Academy	5	Energy and Transportation (ET)	Awesome Attributes of the Abrams
Herkimer	Connie Frasier	Honors	Homeschool- Frasier	8	Animal Sciences (AS)	Bovine Pregnancy options

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Herkimer	Lexie Fisher	Honors Blast Shield Competition	Mohawk Valley Christian Academy	7	Animal Sciences (AS)	How Kangaroos Survive in their Natural Habitat
Herkimer	Mariah Lee	Honors Herkimer County Science Champion Blast Shield Competition	Mohawk Valley Christian Academy	7	Medicine and Health Sciences (ME)	Does Caffeine Affect Your Heart Rate?
Jefferson	Ethan Benoit	Honors Jefferson County Science Champion	Carthage Middle School	5	Earth & Planetary Science (EA)	Fun With Craters
Jefferson	Tristan Benoit	Onondaga Award for Applied Mathematics	Carthage Middle School	7	Mathematical Sciences (MA)	Pick a card, any card
Otsego	Finn Hall	Highest Honors Otsego County Science Champion	Milford Central School	7	Animal Sciences (AS)	Fishy Behavior
Otsego	Gabrielle Bush	Honors	Milford Central School	8	Medicine and Health Sciences (ME)	Phantom Vibrations
Otsego	Grace Brennan	High Honors	Milford Central School	7	Plant Sciences (PS)	Electric Fruit
Otsego	Jake Jorgenson	Honors	Milford Central School	8	Environmental Sciences (EV)	Pelletizing Pencils
Otsego	Jazmine Gutierrez Marin Shepard	Jane and Barbara Helmer Volunteers' Award	Milford Central School	8	Cellular and Molecular Biology (CB)	Radiation Therapy
Otsego	Lauren Saggese	Honors	Milford Central School	7	Behavioral and Social Sciences (BE)	Push, Pinch, Pop
Otsego	Ryan Crean Josiah Wenck Caleb Barney	Highest Honors	Laurens Central School	12	Behavioral and Social Sciences (BE)	Effect of Facial Edema and Viewing Angle on the Ability to Recognize Expressions of Hospital Patients
Otsego	Sheridan Parker	High Honors	Milford Central School	7	Behavioral and Social Sciences (BE)	Visual Illusions

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Otsego	Toby Harmon	High Honors	Milford Central School	7	Animal Sciences (AS)	Horse Heart Rates
Otsego	Zeyneb Henderson	Honors	Milford Central School	7	Behavioral and Social Sciences (BE)	Spacing Out
St. Lawrence	Keith Boltt	Honors St. Lawrence County Science Champion National Oceanic & Atmospheric Administration Pulse of the Planet	Potsdam High School	10	Environmental Sciences (EV)	Black Spot Disease-Ecology In My Home Rivers
St. Lawrence	Scott Boltt	Highest Honors Ying TRSEF Grand Award Advancement to ISEF Selby Hancox Engineering Award NSPE Engineering Excellence Award	Potsdam High School	9	Energy and Transportation (ET)	Improving Car Aerodynamics: Testing CAD Models in a Self-Engineered Wind Tunnel
Steuben	Dominic Grinnell	Honors Steuben County Science Champion	Chemung Valley Montessori School	7	Chemistry (CH)	The Comparison of Energy Generated from Raw Verses Roasted Nuts
Sullivan	Truth Muller	Highest Honors Broadcom Masters Sullivan County Science Champion	Homeschool	8	Animal Sciences (AS)	Buddies for Bats
Tompkins	Chang Cai Xinyi Gao Michael Sloan	Honors	Cascadilla School	9	Cellular and Molecular Biology (CB)	Down's Syndrome
Tompkins	Chenyng Wang	Honors American Psychological Association Award	Cascadilla School	11	Behavioral and Social Sciences (BE)	Culture anxiety and Adolescence



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Tompkins	Jieun Sung	Honors	Cascadilla School	11	Medicine and Health Sciences (ME)	Athopy and the environmental impact
Tompkins	Lin Zhang	Honors	Cascadilla School	11	Plant Sciences (PS)	Rice Cultivation Using Hydroponics
Tompkins	SungHoon Park	Highest Honors	Cascadilla School	10	Medicine and Health Sciences (ME)	Inhibition of Necrosis via Apoptosis A quantitative analysis of caspase-3 post administrative of estradiol and Fucoidan
Tompkins	Xinxin Wang	Dr. Nelson Ying TRSEF Curiosity Award	Cascadilla school	11	Plant Sciences (PS)	Floral Melanism
Tompkins	Yue Zhang	Honors	Cascadilla School	11	Medicine and Health Sciences (ME)	Student Driven Pediatric Health Screening Program
Tompkins	Ziwei Liao	Highest Honors Tompkins County Science Champion	Cascadilla School	12	Behavioral and Social Sciences (BE)	Cognition in Lacertilian Herpetofauna