

Category	Place	Name	School	Project
Junior Animal & Plant Sciences	First Place	Marisa Madrid Larranaga	Jefferson Middle School	The Plant Paper Making Process
Junior Animal & Plant Sciences	Second Place	Harry Lee III	Los Alamitos Middle School	Oryctolagus cuniculus Urine Fertilizer
Junior Animal & Plant Sciences	Third Place	Anderson Stoker	Albuquerque Institute of Math & Science	Using Ant Graphs to Test Ant Communication Skills
Junior Animal & Plant Sciences	Honorable Mention	Ryan Loney	Heights Middle School	What Color of Light Will Increase a Corn Plant's Growth?
Junior Animal & Plant Sciences	Honorable Mention	Ma'ya Mershon	School Of Dreams Academy	The Effects of Seed Depth and Amount of Water on Drought Tolerant Plants
Junior Behavioral & Social Science	First Place	Emily Boognl	Hermosa Middle School	Why the Stress?
Junior Behavioral & Social Science	Second Place	Marli Prendergast	Los Alamitos Middle School	Make a Wish
Junior Behavioral & Social Science	Third Place	Saina Nyalakanti	Albuquerque Institute of Math & Science	Does the Brain Process Colors, Words, or Shapes First when Giving Conflicting Messages?
Junior Behavioral & Social Science	Honorable Mention	Alejandro Magallanes	Mesa View Middle School	Music of the Heart
Junior Biology, Biomedical, & Health Sciences	First Place	Oliver Groves	Jefferson Middle School	Children's Health and Contact with Microorganisms in Outdoor and Indoor Activities
Junior Biology, Biomedical, & Health Sciences	Second Place	John Fung	Los Alamos Middle School	Another Whey: Creating Yogurt Cultures
Junior Biology, Biomedical, & Health Sciences	Third Place	Lucas Rychener	St. Teresa of Avila Catholic School	The Effectiveness of Sunscreen
Junior Biology, Biomedical, & Health Sciences	Honorable Mention	Kenneth Hughes	Roy High	Top Starch Taters
Junior Biology, Biomedical, & Health Sciences	Honorable Mention	Joshua Bala	Acquia Madre Elementary School	What's In Your Water?
Junior Chemistry	First Place	Ella Huber	Eisenhower Middle School	The Kinetics of In-Situ Wood Delignification
Junior Chemistry	Second Place	Omar Terrazas	Albuquerque School Of Excellence	What Makes Ice Melt the Fastest?
Junior Chemistry	Third Place	Amrita Khalsa	El Dorado Community School	The Effect of Yeast Type on Bread Quality
Junior Chemistry	Honorable Mention	Amelia Richins	Bosque Farms Elementary School	Surface Tension and Temperature
Junior Chemistry	Honorable Mention	Mateo Madrid Larranaga	Jefferson Middle School	Comparing Name Brand Sunscreen to Generic
Junior Computer Science & Mathematics	First Place	Sowmya Sankaran	Albuquerque Academy	An Analysis of the Code Generation Capabilities of the Large Language Models ChatGPT and GitHub Copilot
Junior Computer Science & Mathematics	Second Place	Journey Allison	Albuquerque Institute of Math & Science	Oral Hygiene Notifier
Junior Computer Science & Mathematics	Honorable Mention	Ethan Metzger	Los Alamitos Middle School	Let There Be Light
Junior Energy & Transportation	First Place	Len Janert	Albuquerque Institute of Math & Science	Which Airfoil Created the Least Amount of Drag?
Junior Energy & Transportation	Second Place	Konik Pearl	Albuquerque Institute of Math & Science	Maglev Trains
Junior Energy & Transportation	Third Place	Isabella Halley	Los Alamitos Middle School	Row the Boat!
Junior Energy & Transportation	Honorable Mention	Orion Gonzales	Albuquerque Institute of Math & Science	Can I Create Power from Moonlight?
Junior Engineering	First Place	Natan Svyatsky	Los Alamos Middle School	Jets On Water
Junior Engineering	Second Place	Leandro Narvaez	El Dorado Community School	Minuteman Syrup Dispenser
Junior Engineering	Third Place	John LeBlanc	Taos Academy	Spidey Strength 2: TPU n' More
Junior Engineering	Honorable Mention	Aditi Ganti	Albuquerque Institute of Math & Science	Demonstration of a Reverse Osmosis Desalination System
Junior Environmental Sciences	First Place	Ahana Koushik	Albuquerque Institute of Math & Science	Detection of Real-World Microplastics and its Effect on Photosynthesis
Junior Environmental Sciences	Second Place	Aditya Viswanathan	Los Alamos Middle School	What can birds tell us about the changing climate
Junior Environmental Sciences	Third Place	Jazmin Noble	Taos Academy	Moly's Chewable Water
Junior Environmental Sciences	Honorable Mention	Sophia Zhang	Albuquerque School Of Excellence	Water Filters: How Can We Reuse Them?
Junior Environmental Sciences	Honorable Mention	Landon De Smet	Bosque Farms Elementary School	Biodigester
Junior Physics & Astronomy	First Place	Tate Plohr	Los Alamos Middle School	The Stability of Solar Flares
Junior Physics & Astronomy	Second Place	Alisha Wald	Wood-Gormley Elementary School	Breaking the Surface
Junior Physics & Astronomy	Third Place	Emma Munson	Mount Taylor Elementary School	Bending Light
Junior Physics & Astronomy	Honorable Mention	Joshua Yong	El Dorado Community School	How Magnet Orientation Affects Electricity Generation in AC Generators
Junior Physics & Astronomy	Honorable Mention	Jonah Gilroy	Taos Middle School	Green Glide on the Mountain
Life Sciences	Grand Award	Ahana Koushik	Albuquerque Institute of Math & Science	Detection of Real-World Microplastics and its Effect on Photosynthesis
Physical Sciences	Grand Award	Tate Plohr	Los Alamos Middle School	The Stability of Solar Flares
Senior Animal & Plant Sciences	First Place	Isaac Armenta Perez	New Mexico Military Institute	Utilizing Crop Starches Incorporating Capsaicinoids and Glucosinolates Extracted From Locally Produced Plants To Synthesize Bio-degradable Insect Deterrent And Weed Barrier Plastics As An Alternative To Commercially Produced Agricultural Plastics
Senior Animal & Plant Sciences	First Place	Evan Kennedy	New Mexico Military Institute	Utilizing Crop Starches Incorporating Capsaicinoids and Glucosinolates Extracted From Locally Produced Plants To Synthesize Bio-degradable Insect Deterrent And Weed Barrier Plastics As An Alternative To Commercially Produced Agricultural Plastics
Senior Animal & Plant Sciences	First Place	Lucas Tang	New Mexico Military Institute	Utilizing Crop Starches Incorporating Capsaicinoids and Glucosinolates Extracted From Locally Produced Plants To Synthesize Bio-degradable Insect Deterrent And Weed Barrier Plastics As An Alternative To Commercially Produced Agricultural Plastics
Senior Animal & Plant Sciences	Second Place	Claire Ross	V. Sue Cleveland High School	Optimizing Compost Teas for L. sativa Growth in a Hydroponics System
Senior Animal & Plant Sciences	Third Place	Kailynn Hernandez	Albuquerque Institute of Math & Science	What are the Effects of Nanosilver on Plant Growth and Soil Quality?
Senior Animal & Plant Sciences	Honorable Mention	Mario Vargas	Taos Academy	Endgame: Fire Recovery - Soil and Water Assessment of Wildfire Remediation Solutions through Daphnia and Earthworms
Senior Animal & Plant Sciences	Honorable Mention	Benjamin Froeschle	Taos Academy	PurSlime: Natural, Sustainable Wildfire Remediation Solution
Senior Behavioral, Social, Biomedical, & Health Sciences	First Place	Francesca Benavidez	Albuquerque Institute of Math & Science	Does Heart Rate Affect Academic Performance?
Senior Behavioral, Social, Biomedical, & Health Sciences	Second Place	Ariana Maestas	Taos Academy	To Dye For: FD&C Food Dye Impact on Morphology and Mortality of Daphnia magna and Lumbricus Terrestris
Senior Behavioral, Social, Biomedical, & Health Sciences	Third Place	Natashia Anderson	Navajo Preparatory School	Reactive Peppermint
Senior Behavioral, Social, Biomedical, & Health Sciences	Honorable Mention	Milania Macancela	Rio Rancho High School	The Rationale of Ethical Behavior
Senior Biology & Chemistry	First Place	Katherine Carrillo Ortiz	The Academy for Technology & The Classics	Construction of Oxygen Permeable Vessels Stage 2: Impact of Cellulose Fiber Length on Structure and Functionality
Senior Biology & Chemistry	Second Place	Jordyn Begay	Navajo Preparatory School	Artificial Synthesis of the Aromatic Amino Acid Tyrosine, Based on Pi-to-Pi* Absorbance Peaks
Senior Biology & Chemistry	Third Place	Wonu Choe	Albuquerque Institute of Math & Science	Is LiMnO2 a Good Cathode Material?
Senior Biology & Chemistry	Honorable Mention	Cadince Woody	Navajo Preparatory School	Measure and Compared Glucose Levels in Smoothie Brands
Senior Computer Science & Mathematics	First Place	Faith Valdez	Grants High School	ASL training glove
Senior Computer Science & Mathematics	Second Place	Ohafi Faruk	Albuquerque Institute of Math & Science	Using Artificial Intelligence and Machine Learning to Predict Criminal Activity in Albuquerque
Senior Computer Science & Mathematics	Third Place	Eliana Sanchez	Taos Academy	Temperature Rollercoaster: Comparative Data Analysis of Temperature Variations for Climate Prediction
Senior Computer Science & Mathematics	Honorable Mention	Haasika Reddy Jagirapu	Albuquerque Institute of Math & Science	Investigating the Periodicity of Prime Numbers
Senior Engineering	First Place	Haoyu Wang	Centennial High School	Toxicological Study of Treated Produced Water for Water Conservation, Reclamation, and Reuse
Senior Engineering	Second Place	Landon Flemming	Explore Academy	A Fault Management System for Deep Space CubeSats
Senior Engineering	Third Place	Khang Lau	UWC USA	Research For Synthesis Of Super-Absorbent Polymer Materials From Tapioca Starch And Applications Producing Fire-Resistant Hydrogel Products
Senior Engineering	Third Place	Thomas Wirta	UWC USA	Research For Synthesis Of Super-Absorbent Polymer Materials From Tapioca Starch And Applications Producing Fire-Resistant Hydrogel Products
Senior Engineering	Third Place	Ewa Zapala	UWC USA	Research For Synthesis Of Super-Absorbent Polymer Materials From Tapioca Starch And Applications Producing Fire-Resistant Hydrogel Products
Senior Engineering	Honorable Mention	Tamarron Austin	Navajo Preparatory School	Plasticized Asphalt: Solution to Pollution and Stronger Roads
Senior Engineering	Honorable Mention	Rosondo Lee	Navajo Preparatory School	Plasticized Asphalt: Solution to Pollution and Stronger Roads
Senior Engineering	Honorable Mention	Elias Braum	St. Pius X High School	Tracking Bee Activity Using Low-Powered Lasers
Senior Environmental Sciences	First Place	Ivan Belyaev	New Mexico Military Institute	Utilizing an experimental compost to accelerate the degradation process of low crystallinity PET plastics and employing molecular docking to analyze targeted binding pockets.
Senior Environmental Sciences	First Place	Steven Xu	New Mexico Military Institute	Utilizing an experimental compost to accelerate the degradation process of low crystallinity PET plastics and employing molecular docking to analyze targeted binding pockets.
Senior Environmental Sciences	First Place	Sylvia Xu	New Mexico Military Institute	Utilizing an experimental compost to accelerate the degradation process of low crystallinity PET plastics and employing molecular docking to analyze targeted binding pockets.
Senior Environmental Sciences	Second Place	Chloe Rychener	Grants High School	The Effect of Chemical Pollutants on Water Ecosystems
Senior Environmental Sciences	Third Place	Charlie Groves	Albuquerque High School	Health Hazard: Particulate Matter Present in Smoke: Climate Change--> Wildfires --> Human Illness

Senior Environmental Sciences	Honorable Mention	Cali Leonard	Albuquerque Institute of Math & Science	Bird Banding in the Bosque
Senior Environmental Sciences	Honorable Mention	Jonathan Bellson	Twin Buttes High School	Quantitative and Qualitative Analysis of the Level of Arsenic in Zuni, New Mexico Waters Using Using HACH Testing Procedures: Impact and Solutions
Senior Environmental Sciences	Honorable Mention	Angel Elstate	Twin Buttes High School	Quantitative and Qualitative Analysis of the Level of Arsenic in Zuni, New Mexico Waters Using Using HACH Testing Procedures: Impact and Solutions
Senior Physics & Astronomy	First Place	Alfred Jones	Albuquerque Institute of Math & Science	Constructing a De Laval Nozzle to Achieve Supersonic Flow
Senior Physics & Astronomy	Second Place	Marcus Nahalea	Navajo Preparatory School	Analysis of the Aguas Zarcas Carbonaceous Chondrite Meteorite and Comparison with Asteroids
Senior Physics & Astronomy	Third Place	Haylei Redhouse	Navajo Preparatory School	The Physics and Aerodynamics of Archery Arrows on A 20-Pound Recurve Bow with A 27 Inch Draw Length
Senior Physics & Astronomy	Honorable Mention	Brandi Bassett	Grants High School	The Bloody Clue
Senior Physics & Astronomy	Honorable Mention	Isaiah Flores	Rio Rancho High School	Propelling Man to the Red Planet
Senior Physics & Astronomy	Honorable Mention	Sabrina Montoya	Rio Rancho High School	Propelling Man to the Red Planet
	ISEF Runner-Up	Natashia Anderson	Navajo Preparatory School	Reactive Peppermint
	ISEF Runner-Up	Francesca Benavidez	Albuquerque Institute of Math & Science	Does Heart Rate Affect Academic Performance?
	ISEF Runner-Up	Alfred Jones	Albuquerque Institute of Math & Science	Constructing a De Laval Nozzle to Achieve Supersonic Flow
	ISEF Runner-Up	Chloe Iychener	Grants High School	The Effect of Chemical Pollutants on Water Ecosystems
	First ISEF Qualifier	Isaac Armenta Perez	New Mexico Military Institute	Utilizing Crop Starches Incorporating Capsaicinoids and Glucosinolates Extracted From Locally Produced Plants To Synthesize Biodegradable Insect Deterring And Weed Barrier Plastics As An Alternative To Commercially Produced Agricultural Plastics
	First ISEF Qualifier	Evan Kennedy	New Mexico Military Institute	Utilizing Crop Starches Incorporating Capsaicinoids and Glucosinolates Extracted From Locally Produced Plants To Synthesize Biodegradable Insect Deterring And Weed Barrier Plastics As An Alternative To Commercially Produced Agricultural Plastics
	First ISEF Qualifier	Lucas Tang	New Mexico Military Institute	Utilizing Crop Starches Incorporating Capsaicinoids and Glucosinolates Extracted From Locally Produced Plants To Synthesize Biodegradable Insect Deterring And Weed Barrier Plastics As An Alternative To Commercially Produced Agricultural Plastics
	Second ISEF Qualifier	Katherine Carrillo Ortiz	The Academy for Technology & The Classics	Construction of Oxygen Permeable Vessels Stage 2: Impact of Cellulose Fiber Length on Structure and Functionality
	Third ISEF Qualifier	Ivan Belyaev	New Mexico Military Institute	Utilizing an experimental compost to accelerate the degradation process of low crystallinity PET plastics and employing molecular docking to analyze targeted binding pockets.
	Third ISEF Qualifier	Steven Xu	New Mexico Military Institute	Utilizing an experimental compost to accelerate the degradation process of low crystallinity PET plastics and employing molecular docking to analyze targeted binding pockets.
	Third ISEF Qualifier	Sylvia Xu	New Mexico Military Institute	Utilizing an experimental compost to accelerate the degradation process of low crystallinity PET plastics and employing molecular docking to analyze targeted binding pockets.
	Fourth ISEF Qualifier	Haoyu Wang	Centennial High School	Toxicological Study of Treated Produced Water for Water Conservation, Reclamation, and Reuse
	Fifth ISEF Qualifier	Khang Luu	UWC USA	Research For Synthesis Of Super-Absorbent Polymer Materials From Tapioca Starch And Applications Producing Fire-Resistant Hydrogel Products
	Fifth ISEF Qualifier	Thomas Wirta	UWC USA	Research For Synthesis Of Super-Absorbent Polymer Materials From Tapioca Starch And Applications Producing Fire-Resistant Hydrogel Products
	Fifth ISEF Qualifier	Ewa Zapala	UWC USA	Research For Synthesis Of Super-Absorbent Polymer Materials From Tapioca Starch And Applications Producing Fire-Resistant Hydrogel Products
	Richard N. Overdorf Grand Prize	Isaac Armenta Perez	New Mexico Military Institute	Utilizing Crop Starches Incorporating Capsaicinoids and Glucosinolates Extracted From Locally Produced Plants To Synthesize Biodegradable Insect Deterring And Weed Barrier Plastics As An Alternative To Commercially Produced Agricultural Plastics
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