

Category	Award:	First Name	Last Name	School	Title
Senior Animal Sciences Plant Sciences	First Place	Opal	Mohs	NAVAJO PREPARATORY SCHOOL (FARMINGTON)	Maximizing Acheta Domesticus (house cricket) Lifespans by Creating Artificial Environments That Imitate Their Natural Habitat
Senior Animal Sciences Plant Sciences	Second Place	Ivan	Belyaev	New Mexico Military Institute	Using the Kirby Bauer Method to Test the Effectiveness of Phenols Extract from Pecan Shells and Saponin Extract from Prickly Pear Cactus in Inhibiting the Growth of E.Coli
Senior Animal Sciences Plant Sciences	Second Place	Ngoc	Pham	New Mexico Military Institute	Using the Kirby Bauer Method to Test the Effectiveness of Phenols Extract from Pecan Shells and Saponin Extract from Prickly Pear Cactus in Inhibiting the Growth of E.Coli
Senior Animal Sciences Plant Sciences	Third Place	Daviny	Amo-Kwao	ALBUQUERQUE INSTITUTE OF MATH SCIENCE	Basic Substantial Soil
Senior Animal Sciences Plant Sciences	Third Place	Jacqueline	Cattaneo	Albuquerque Institute of Math Science	Basic Substantial Soil
Senior Animal Sciences Plant Sciences	Honorable Mention	Leo	Gisler	ACADEMY FOR TECH CLASS	The Effect of Increasing Temperatures on Seed Germination in Radish
Senior Animal Sciences Plant Sciences	Honorable Mention	Samantha	Shaver	Rio Rancho High School	Removing Simulated Petrochemicals from Bird Feathers Using Natural Dish Soaps
Senior Biology Chemistry	First Place	Melody	Yeh	La Cueva High School	Effects of Different Combinations of Halogen Additions to anti-B18H22 Molecule on Absorption and Emission Wavelength
Senior Biology Chemistry	Second Place	Aaron	Phillip	LOS ALAMOS HIGH	Circuit Based Approach to Refining Nanopore DNA Sequencing Data
Senior Biology Chemistry	Second Place	Leonid	Svyatsky	LOS ALAMOS HIGH	Circuit Based Approach to Refining Nanopore DNA Sequencing Data
Senior Biology Chemistry	Third Place	Jordyn	Begay	NAVAJO PREPARATORY SCHOOL (FARMINGTON)	BIOINFORMATICS APPLIED TO THE Y-DNA HAPLOGROUP Q-M242: MALE NAVAJO GENETIC MARKER
Senior Biomedical and Health Sciences Behavioral and Social Sciences	First Place	Aditya	Koushik	La Cueva High School	CIRCA – CircularRNA for Cancer Active Immunotherapy: A machine learning model to predict liver cancer and top genes for cancer vaccine
Senior Biomedical and Health Sciences Behavioral and Social Sciences	Second Place	William	Burris	SAN JUAN COLLEGE HIGH SCHOOL	Optimizing Methods for Analysis of Novel Corona-Virus SARS-CoV-2 Receptor ACE2 Single Nucleotide Polymorphisms.
Senior Biomedical and Health Sciences Behavioral and Social Sciences	Third Place	Katherine	Shoulla	ACADEMY FOR TECH CLASS	Construction of Oxygen Permeable Veins from Biogel
Senior Biomedical and Health Sciences Behavioral and Social Sciences	Honorable Mention	Emilio	Brown	Albuquerque Institute of Math Science	How does the 'Mandela Effect' Affect Opposite Genders?
Senior Biomedical and Health Sciences Behavioral and Social Sciences	Honorable Mention	Pearl	Nguyen	Albuquerque Institute of Math Science	How does the 'Mandela Effect' Affect Opposite Genders?
Senior Computer Science Mathematics	First Place	Akilan	Sankaran	Albuquerque Academy	Modifying the ABCs of Number Theory
Senior Computer Science Mathematics	Second Place	Lucas	Blakeslee	SANTA FE HIGH	On the Genus of Random 3-Regular Graphs
Senior Computer Science Mathematics	Third Place	Henry	Tischler	ACADEMY FOR TECH CLASS	Tracking How You Write: Measuring the Impact of Conventional Styliometry Applied to Social Media
Senior Computer Science Mathematics	Honorable Mention	HYUNOO	KIM	Los Alamos High School (Los Alamos)	Agent-Based COVID19 Simulator
Senior Engineering Physics	First Place	Haoyu	Wang	CENTENNIAL HIGH SCHOOL	Clean Hydrogen Production from Photocatalytic Degradation of Plastic Wastes
Senior Engineering Physics	Second Place	Andres	Iturregui	LOS ALAMOS HIGH	Developing a Control Algorithm and Simulation for Thrust Vector Controlled Rockets
Senior Engineering Physics	Second Place	Daniel	Kim	LOS ALAMOS HIGH	Developing a Control Algorithm and Simulation for Thrust Vector Controlled Rockets
Senior Engineering Physics	Third Place	Landon	Flemming	EXPLORE ACADEMY	A Low Cost Artificial Pancreas System with Integrated Machine Inference
Senior Engineering Physics	Honorable Mention	Michael	Bane	LOS ALAMOS HIGH	Aerofoil Optimization
Senior Engineering Physics	Honorable Mention	Katie	Tran	Albuquerque School Of Excellence	Engineering: Replication of Traffic Lights (Shrinking Scale)
Senior Environmental Sciences	First Place	Eliana	Juarez	V. Sue Cleveland High School	Urban Ozone Forecasting and Policy Recommendations Through Photochemical Modeling and Machine Learning
Senior Environmental Sciences	Second Place	Benjamin	Varos	TAOS ACADEMY	Nature Breathe 2: Plant Material Development for Nanoparticle Filtration
Senior Environmental Sciences	Third Place	Minh	Pham	New Mexico Military Institute	Utilizing Cow Dung Ash and Volcanic Ash to Manufacture Eco-friendly Building Materials to Solve Environmental Pollution and Provide Accessibility to Cheap Housing
Senior Environmental Sciences	Third Place	William	Rosser	New Mexico Military Institute	Utilizing Cow Dung Ash and Volcanic Ash to Manufacture Eco-friendly Building Materials to Solve Environmental Pollution and Provide Accessibility to Cheap Housing
Senior Environmental Sciences	Third Place	Danylo	Starepravo	New Mexico Military Institute	Utilizing Cow Dung Ash and Volcanic Ash to Manufacture Eco-friendly Building Materials to Solve Environmental Pollution and Provide Accessibility to Cheap Housing
Senior Environmental Sciences	Honorable Mention	Alexia	Munson	GRANTS HIGH	Biodigition: Turning Nothing into Something
Senior Environmental Sciences	Honorable Mention	Hailey	Thomas	NAVAJO PREPARATORY SCHOOL (FARMINGTON)	Best In-Law Firewood
Senior Environmental Sciences	Bureau of Geology	Brooke	Baeza	Rio Rancho High School	

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Junior Animal Science Plant Science	First Place	Anderson	Stoker	Albuquerque Institute of Math Science	Olfactory Testing on Ants
Junior Animal Science Plant Science	Second Place	Harry	Lee, III	MILAN ELEMENTARY	Medicago Sativa
Junior Animal Science Plant Science	Third Place	Jerzee	Maestas	TAOS ACADEMY	ToxSick Straws
Junior Animal Science Plant Science	Honorable Mention	John	Fung	BARRANCA MESA ELEMENTARY	Fertilizing: Friends and Foes
Junior Animal Science Plant Science	Honorable Mention	Holland	Null	Hózhó Academy	No Planet B
Junior Animal Science Plant Science	Honorable Mention	Natan	Svyatsky	BARRANCA MESA ELEMENTARY	Fertilizing: Friends and Foes
Junior Animal Science Plant Science	Honorable Mention	Sophia	Zhang	Albuquerque School Of Excellence	Which Type of Recycled Water Benefits the Pinto Bean Best?
Junior Behavioral and Social Science	First Place	Ryhab	Jrifat	Salam Academy	Does Fear Change with Age?
Junior Behavioral and Social Science	Second Place	Lilly	Kuan	Albuquerque Institute of Math Science	Do Fidgets Relieve Stress?
Junior Behavioral and Social Science	Third Place	Atianna	Quiroz	Albuquerque Institute of Math Science	Can your Nose Tell the Difference Between Real and Synthetic Smells?
Junior Behavioral and Social Science	Honorable Mention	Abraham	Azua	Hózhó Academy	Tech or Terminator
Junior Behavioral and Social Science	Honorable Mention	Matthea	Fung	LOS ALAMOS MIDDLE	Liar, Liar, Pants on Fire
Junior Biology Biomedical and Health Sciences	First Place	Liv	Niklasson	LOS ALAMOS MIDDLE	ABCD: Abundance of Bacteria Contaminating Daily Lives
Junior Biology Biomedical and Health Sciences	First Place	Anna	Simakov	LOS ALAMOS MIDDLE	ABCD: Abundance of Bacteria Contaminating Daily Lives
Junior Biology Biomedical and Health Sciences	Second Place	Oliver	Groves	Jefferson Middle School	Soil and Soil Substitutes for Children's Play Areas
Junior Biology Biomedical and Health Sciences	Third Place	Neha	Adavelly	Albuquerque Institute of Math Science	Where is the Most Bacteria in AIMS?
Junior Biology Biomedical and Health Sciences	Honorable Mention	Jayden	Carwile	MILAN ELEMENTARY	Liquid Identification
Junior Chemistry	First Place	Jaylynn	Hughes	Immanuel Lutheran School	Which Materials Filter Water the Best?
Junior Chemistry	Second Place	Claire	Lyle	Holy Child Catholic School	Three Fascinating Phenomena
Junior Chemistry	Third Place	Oscar	Prospero	Albuquerque Sign Language Academy	The Viscosity of Honey
Junior Chemistry	Third Place	Manuelito	Singer	Albuquerque Sign Language Academy	The Viscosity of Honey
Junior Chemistry	Honorable Mention	Ethan	Garcia	LOS ALAMITOS MIDDLE	Does temperature affect the lifespan of a battery.
Junior Computer Science Math	First Place	Seviana	Monforte	The Ask Academy	Ultrasonic Code for the Blind
Junior Computer Science Math	Second Place	Michael	Petersen	MOUNTAIN ELEMENTARY	What is the best strategy for Master Mind?
Junior Computer Science Math	Third Place	Journey	Allison	Albuquerque Institute of Math Science	Tooth Brushing Reminder Device
Junior Engineering Energy and Transportation	First Place	Sowmya	Sankaran	Albuquerque Academy	Building a Wind Tunnel to Analyze the Aerodynamics of Cars
Junior Engineering Energy and Transportation	Second Place	June	Loukinas	HERMOSA MIDDLE SCHOOL	Totally RAD!
Junior Engineering Energy and Transportation	Third Place	Aislinn	Marshall	LOS ALAMOS MIDDLE	How Did the Digger Survive?
Junior Engineering Energy and Transportation	Honorable Mention	Valerie	Gurule	Albuquerque Institute of Math Science	How does Wind Speed Affect Vertical Axis Wind Turbine Power Output?
Junior Engineering Energy and Transportation	Honorable Mention	Maxim	Stout	Albuquerque Institute of Math Science	What Type of Rocket Fin is the Most Aerodynamic
Junior Environmental Sciences	First Place	Sebastian	Stoker	Albuquerque Institute of Math Science	Isolating Aquatic Microplastics
Junior Environmental Sciences	Second Place	Ahana	Koushik	Albuquerque Institute of Math Science	Microplastics and BPA
Junior Environmental Sciences	Third Place	Stephen	Mangu	Albuquerque Institute of Math Science	What Materials Insulate the Best?
Junior Environmental Sciences	Honorable Mention	Audrey	Finkelstein	Albuquerque Academy	Does the Color of an Object on the Landing Board of Beehives Affect the Time it takes for the Bees to Notice It and does Temperature Affect this Time?
Junior Environmental Sciences	Honorable Mention	Payton	Sutherland	BARRANCA MESA ELEMENTARY	Cloud Cover
Junior Physics and Astronomy	First Place	Hannah	Aldrich	Holy Child Catholic School	Just Winging It!
Junior Physics and Astronomy	Second Place	Alfred	Jones	Albuquerque Institute of Math Science	Do Different Pitch or Pitches Cause Differing Vibrational Movements?
Junior Physics and Astronomy	Third Place	Tate	Plohr	LOS ALAMOS MIDDLE	Relationship between Boiling Temperature of Water and Altitude; Also, Can I Guess How Salty Ocean Water Is?
Junior Physics and Astronomy	Honorable Mention	Rylee	Chisamore	Hózhó Academy	Magnets: Hot! or Cold?
Junior Physics and Astronomy	Honorable Mention	Cameron	Martindell	Albuquerque School Of Excellence	Air Volume with Water Rockets 2
Bureau of Geology		Alfred	Jones	Albuquerque Institute of Math Science	