

**NM Science and Engineering Fair 2015  
JR CATEGORY AWARDS**

**2015 Junior Division Category Results**

Category	Place	First Name	Last Name	Title	School
Behavioral & Social Sciences	HON Mention	Joshua	Yeboah	Memory: Old School vs. New School	Camino Real Middle School
	HON Mention	Asia	Chavez	Musical Heart Rates	Portales Jr High School
		Makenzie	Hacker		
	HON Mention	Samantha	Bartl	WOMEN VERSES MEN: RECALL OF NUMBERS AND LETTERS	Aspen Community Magnet School
		Justice	Thompson		
	Third Place	Aminadah	Corral Arras	THE LEFT-RIGHT BRAIN THEORY	Hermosa Jr. High School
		Mckayla	Gilbert		
Botany	Second Place	Oscar	Laird	Color's Effect on Short Term Memory	Jefferson Middle School
	First Place	Diana	Mullen	Can Mozart Maximize Minds? The Effect of Music on Cognitive Ability	Jefferson Middle School
	HON Mention	Joshua	Burns	Propagating African Violets	Hoover Middle School
	HON Mention	Delaney	Galligan	Oxysynthesis: The reversal of Pollution through Carbon Sink Production	Taos Jr. High School
	HON Mention	Natalie	Rychener	To Freeze or Not to Freeze?	St Teresa of Avila School
	Third Place	Joseph	Erwin	Would You Like Salt With That?	Portales Jr High School
	Second Place	Joseph	Grogan	Optimal Conditions Regarding Soil pH for Pinto Beans	Holy Child Catholic School
Chemistry	First Place	Amaya	Coblentz	Safe Havens For Trees	Los Alamos Middle School
	HON Mention	Mathias	Hadgu	DO FOODS HIGH IN Fats or Foods HIGH IN CARBOHYDRATES CONTAIN MORE CALORIES	AIMES at UNM
	HON Mention	Kenna	Roberts	Cool Oil	Holy Ghost School
	HON Mention	Ethan	Short	Electrolyte Challenge: Orange Juice vs. Sports Drinks	Portales Jr High School
	Third Place	Cristian	Martinez-Delgado		
		Tejas	Kandath	EFFECTIVE METHODS OF CHLORINE REMOVAL FROM HAIR	Albuquerque School of Excellence
	Second Place	Natalia	Chavez	Byoplastics	Taos Jr. High School
Computer Science	First Place	Isabela	Ceniceros	Speedy Salts	Bernalillo Jr. High School
	Third Place	Aiden	Cabelduc	Line Following Robot	Portales Middle School
		KC	Alatorre		
	Second Place	Donald	Martinez	Battle of the Ciphers	Cottonwood Valley Charter School
		Bryce	Jacobs		
	First Place	Samuel	Crooks	Solving a Line Maze	Los Alamos Middle School
	HON Mention	Asa	White	Supercharged Solar 2	Tibbetts Jr. High School
Earth & Planetary Sciences	HON Mention	Morgan	Willie	Adobe Brick Power	St Charles Borromeo School
	HON Mention	Miles	Lewis	Ice Erosion	Carlsbad Intermediate School
	Third Place	Alicia	Rael	Buck Forage Jungle	Taos Jr. High School
	Second Place	Teresita	Ellison	Super Soil	LCACS Holy Cross-Campus
	First Place	Jacob	Utzler	After Shock	St Bonaventure High School
	HON Mention	Hannah	Beason	Converting Mechanical to Potential Energy	Carlsbad 6th Grade Academy
	HON Mention	Bryce	Shoemaker	Ogranic Wet Cell Battery: Which is better, fruit or vegetable?	AIMES at UNM
Energy & Transportation	HON Mention	Eliza	Evans	CONSTRUCTING AND COMPARING FUNCTIONAL SOLAR CELLS TO GENERATE ELECTRICITY	Barranca Mesa Elementary
	Third Place	Indigo	Acosta	POWER PLANTS 2: COMPARATIVE ANALYSIS OF Redox Electro/Thermal Conductivity using repurposed electro	Taos Jr. High School
	Second Place	Jessie	Dixon	Travel Safety	Hope Christian Schools Inc.
	First Place	Adittyo	Paul	GENERATING ELECTRICITY FROM ROTATING WHEELS OF AN AUTOMOBILE	AIMES at UNM
	HON Mention	Oscar	Arroyos	Egg Projection	Red Mountain Middle School
	HON Mention	Kevin	Jones	Trusses, Types, & Strength	Hope Christian Schools Inc.
	HON Mention	Ryan	Evans	Super Egg	Sierra Middle School
Engineering	Third Place	Celeste	Lucero	ENVIRONMENTALLY SAFE Building Materials and Heat Retention	Holy Ghost School
	Second Place	Ruth	Mueller	Developing a Low-Cost Prosthetic Arm	Jefferson Middle School
	First Place	Juliana	Byrd		
		Zachary	Fitzgerald	World's Least Expensive X_Y Cartesian 3D Printer	AIMES at UNM
	HON Mention	Megan	Mings	Measuring the Effect of Organic Material on Soil Water Retention	St Mary Middle School
	HON Mention	Sean	McNally	CATHODIC PROTECTION AND WATER QUALITY IN DIFFERENT SOILS	Heights Jr. High School
	HON Mention	Molly	Schroeder	ICE PURITY IN FAST FOOD RESTAURANTS	Sierra Middle School
Environmental Sciences	Third Place	Kaia	Nunley	Forrest Flame Flora	Jefferson Middle School
	Second Place	Ronja	Steinbach	Cut Off The Runoff (Reducing Agricultural Run Off)	Jefferson Middle School
	First Place	Richard	Walker	Holey Crabs! Production Of a Water Filtration System for Contaminants Using Chitosan	Taos Jr. High School
	HON Mention	Gabriel	McMahon	Finding the Fibonacci Sequence in Nature	Santo Nino Regional Catholic School
	HON Mention	Isreal	Reyes	Nothing but Net	Red Mountain Middle School
	Third Place	Joel	DuBois	Complexity in the Mandelbrot Set	Desert Spring Christian Academ
	Second Place	Mike	Adams	A Mathematical Study of Slopes for High Speed Rolling	Grant Middle School
Mathematical Sciences	First Place	Lillian	Petersen	Will it be a good ski season? Correlation between El Nino and snowfall	Los Alamos Middle School
	HON Mention	Taylor	Baca	What a Relief	Mesa View Elementary School
	HON Mention	Isabella	Garcia	How Do Hidden Sugars Affect Our Glucose Levels?	St Mary Middle School
	Third Place	Danyel	Johnson	Sage (Ts'ah) Conquers Vitamin C Over Daily C Foods	Tse'Bit'ai Jr. High School
	Second Place	Devin	Padilla-Munson	Wheat: the Good, the Bad, the Ugly - Part 2	St Teresa of Avila School
	First Place	Rusty	Ludwigsen	Passive Reduction of Involuntary Arm/Hand Tremors: Phase II	Stockham Home School
	HON Mention	Augustus	Yeager	Power from Pond Scum	Aspen Elementary School
Microbiology	HON Mention	Kunal	Puppala	Does Salt Concentration Prevent The Growth of Bacteria?	W.D. Gattis Middle School

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Physics & Astronomy	Third Place	Tyler	MacHardy	Viscosipolymers: Making Antibiotics More Effective	Taos Jr. High School
	Second Place	Kamea	Cooper	Bacterial Resistance	Heights Jr. High School
	First Place	Angelina	Espindola	Science Vs. Culture : Can Cultural Remedies work as well as Modern Antibiotics	Prince of Peace Lutheran Schoo
	HON Mention	Brendan	Salceies	CAN TEMPERATURE AFFECT MAGNETISM?	Our Lady of Fatima
	HON Mention	Henry	Hidalgo	Creating Lift- What a Drag	AIMES at UNM
	HON Mention	Robert	Kitcey III	COIL OVER TOIL	Desert Spring Christian Academ
	Third Place	Koby	Kwiecinski	Catch 22: A Ballistics Evaluation	AIMES at UNM
	Second Place	Josh	Cordova	What is the best angle to place a solar panel in order to gain the most power?	AIMES at UNM
	First Place	Liam	Ryan	MODELING EARLY SOLAR SYSTEM PLANETESIMAL FORMATION	Cottonwood Valley Charter School
Zoology	HON Mention	Caden	Schwartz	The "egg"cellent chicken "egg"speriment	W.D. Gattis Middle School
	HON Mention	Gopal	Nadiga	CHOPPED WORMS	Los Alamos Middle School
	HON Mention	Noelle	Morning-Star	Musical Eggs	Turquoise Trail Charter School
	Third Place	Kiera	Ramirez-Tabor	How Do Lizards Find Their Lunch	Carlsbad 6th Grade Academy
	Second Place	Kyla	King	Are EMF's Harmful to Mammals?	Heights Jr. High School
	First Place	Arianna	Urquidi	DANCING ON A SPIDER WEB	Sierra Middle School

**NM State Science Engineering Fair 2015  
JR DIVISION SPECIAL AWARDS**

AWARDING ORGANIZATION	AWARD	STUDENT01 FIRST NAME	STUDENT01 LAST NAME	STUDENT02 FIRST NAME	STUDENT02 LAST NAME	STUDENT SCHOOL	PROJECT TITLE
American Chemical Society, Central New Mexico Section	Cash award	Kaity	Burke			Burke Home School	Really? Water is made up of gases?
American Chemical Society, Central New Mexico Section	Cash award	Mathias	Hadgu			AIMES at UNM	DO FOODS HIGH IN Fats or Foods HIGH IN CARBOHYDRATES CONTAIN MORE CALORIES
American Psychological Association Educational Directorate	Certificate	Oscar	Laird			Jefferson Middle School	Color's Effect on Short Term Memory
ASM International - Los Alamos Chapter	Second Place - \$150 cash award	Tyler	Valencia			Taos Jr. High School	What Different Concentrates of Gypsum work as better insulators
ASM Materials Education Foundation	Certificate and Medallion	Celeste	Lucero			Holy Ghost School	ENVIRONMENTALLY SAFE Building Materials and Heat Retention
ASM Materials Education Foundation	Certificate and Medallion	Ryan	Pena			Los Alamos Middle School	New Mexico Gone Green
Association for Women Geoscientists	Certificates	Amaya	Coblentz			Los Alamos Middle School	Safe Havens For Trees
AVS Science and Technology Society, New Mexico Chapter	Junior Division, 2nd Place - \$150 cash award plus award for teacher	Sebastian	Bujoi			AIMES at UNM	Which Type of Winglet Works Best
AVS Science and Technology Society, New Mexico Chapter	Junior Division, 1st Place - \$200 cash award plus award for teacher	Tejas	Kandath			Albuquerque School of Excellence	EFFECTIVE METHODS OF CHLORINE REMOVAL FROM HAIR
AVS Science and Technology Society, New Mexico Chapter	Junior Division, 1st Place - \$200 cash award plus award for teacher	Molly	Schroeder			Sierra Middle School	ICE PURITY IN FAST FOOD RESTAURANTS
Broadcom MASTERS Program	Nominee Packet	Juliana	Byrd	Ruth	Mueller	Jefferson Middle School	Developing a Low-Cost Prosthetic Arm
Broadcom MASTERS Program	Nominee Packet	Amaya	Coblentz			Los Alamos Middle School	Safe Havens For Trees
Broadcom MASTERS Program	Nominee Packet	Kamea	Cooper			Heights Jr. High School	Bacterial Resistance
Broadcom MASTERS Program	Nominee Packet	Samuel	Crooks			Los Alamos Middle School	Solving a Line Maze
Broadcom MASTERS Program	Nominee Packet	Jessie	Dixon			Hope Christian Schools Inc.	Travel Safety
Broadcom MASTERS Program	Nominee Packet	Teresita	Ellison			LCACS Holy Cross-Campus	Super Soil
Broadcom MASTERS Program	Nominee Packet	Angelina	Espindola			Prince of Peace Lutheran Schoo	Science Vs. Culture : Can Cultural Remedies work as well as Modern Antibiotics
Broadcom MASTERS Program	Nominee Packet	Zachary	Fitzgerald			AIMES at UNM	World's Least Expensive X_Y Cartesian 3D Printer
Broadcom MASTERS Program	Nominee Packet	Joseph	Grogan			Holy Child Catholic School	Optimal Conditions Regarding Soil pH for Pinto Beans
Broadcom MASTERS Program	Nominee Packet	Tamra	Hogge			Milan Elementary School	Which Antacid or Natural Herb Works Best
Broadcom MASTERS Program	Nominee Packet	Bryce	Jacobs			Cottonwood Valley Charter School	Battle of the Ciphers
Broadcom MASTERS Program	Nominee Packet	Kyla	King			Heights Jr. High School	Are EMF's Harmful to Mammals?
Broadcom MASTERS Program	Nominee Packet	Oscar	Laird			Jefferson Middle School	Color's Effect on Short Term Memory
Broadcom MASTERS Program	Nominee Packet	Diana	Mullen			Jefferson Middle School	Can Mozart Maximize Minds? The Effect of Music on Cognitive Ability
Broadcom MASTERS Program	Nominee Packet	Adittyo	Paul			AIMES at UNM	GENERATING ELECTRICITY FROM ROTATING WHEELS OF AN AUTOMOBILE
Broadcom MASTERS Program	Nominee Packet	Ronja	Steinbach			Jefferson Middle School	Cut Off The Runoff (Reducing Agricultural Run Off)
Broadcom MASTERS Program	Nominee Packet	Arianna	Urquidi			Sierra Middle School	DANCING ON A SPIDER WEB
Broadcom MASTERS Program	Nominee Packet	Jacob	Utzler			St Bonaventure High School	After Shock
Broadcom MASTERS Program	Nominee Packet	Richard	Walker			Taos Jr. High School	Holey Crabs! Production Of a Water Filtration System for Contaminants Using Chitosan
Clay T. Smith Award	Plaque	Richard	Walker			Taos Jr. High School	Holey Crabs! Production Of a Water Filtration System for Contaminants Using Chitosan
Coalition for Excellence in Science & Math Education	Junior Division, \$200 Award	Rusty	Ludwigsen			Stockham Home School	Passive Reduction of Involuntary Arm/Hand Tremors: Phase II

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AWARDING ORGANIZATION	AWARD	STUDENT01 FIRST NAME	STUDENT01 LAST NAME	STUDENT02 FIRST NAME	STUDENT02 LAST NAME	STUDENT SCHOOL	PROJECT TITLE
Excellence in Geoscience (NM Bureau of Geology, NM Geological Society, NMT Dept. of Earth & Enviro. Science)	Junior Division - Cash award, subscription to New Mexico Geology, and publication of the student's abstract in New Mexico Geology	Ronja	Steinbach			Jefferson Middle School	Cut Off The Runoff (Reducing Agricultural Run Off)
IEEE	PC Oscilloscope	Zachary	Fitzgerald			AIMES at UNM	World's Least Expensive X_Y Cartesian 3D Printer
Junior Division Life Sciences Grand Award	A graphing calculator; a \$100 cash award; and subscription to Science News	Rusty	Ludwigsen			Stockham Home School	Passive Reduction of Involuntary Arm/Hand Tremors: Phase II
Junior Division Physical Sciences Grand Award	A graphing calculator; a \$100 cash award; and subscription to Science News	Sebastian	Bujoi			AIMES at UNM	Which Type of Winglet Works Best
Junior Division Physical Sciences Grand Award	A graphing calculator; a \$100 cash award; and subscription to Science News	Zachary	Fitzgerald			AIMES at UNM	World's Least Expensive X_Y Cartesian 3D Printer
Junior Division Sponsor of the Year	Certificate and \$50 Award	Laura	Tenorio			Taos Middle School	
Lovelace Respiratory Research Institute	\$1000 Scholarship to college of the student's choice	Tyler	MacHardy			Taos Jr. High School	Viscosipolymers: Making Antibiotics More Effective
Materials Achievement Award - NMT Materials Science and Engineering Dept.	\$100 Award + Playing Cards	Kevin	Jones			Hope Christian Schools Inc.	Trusses, Types, & Strength
National Oceanic and Atmospheric Administration (NOAA)	Certificate + Medallion	Adittyo	Paul			AIMES at UNM	GENERATING ELECTRICITY FROM ROTATING WHEELS OF AN AUTOMOBILE
New Mexico Garden Clubs, Inc.	First Place - \$100 cash award	Delaney	Galligan			Taos Jr. High School	Oxysynthesis: The reversal of Pollution through Carbon Sink Production
New Mexico Garden Clubs, Inc.	Third Place - \$50 cash award	Joseph	Grogan			Holy Child Catholic School	Optimal Conditions Regarding Soil pH for Pinto Beans
New Mexico Garden Clubs, Inc.	Second Place - \$75 cash award	Marlene	Lorber			Holy Ghost School	Chemical, Natural or Nothing? Part 2
New Mexico Museum of Natural History and Science	\$200 cash award, museum certificate, and museum t-shirt	Delaney	Galligan			Taos Jr. High School	Oxysynthesis: The reversal of Pollution through Carbon Sink Production
New Mexico Network for Women in Science and Engineering	Tote Bag and \$50 award	Eliza	Evans			Barranca Mesa Elementary	CONSTRUCTING AND COMPARING FUNCTIONAL SOLAR CELLS TO GENERATE ELECTRICITY
New Mexico Network for Women in Science and Engineering	Tote Bag and \$50 award	Anyssa	Lopez-Gaston			Our Lady's Assumption	What Toothpaste Cleans the Best?
New Mexico Network for Women in Science and Engineering	Tote Bag and \$50 award	Arianna	Urquidi			Sierra Middle School	DANCING ON A SPIDER WEB
New Mexico Optometric Association	Certificate	Juliana	Byrd	Ruth	Mueller	Jefferson Middle School	Developing a Low-Cost Prosthetic Arm
New Mexico Optometric Association	\$50 Cash Award	Mckayla	Gilbert			Hermosa Jr. High School	THE LEFT-RIGHT BRAIN THEORY
New Mexico Optometric Association	Certificate	Miles	Guerin			Desert Academy	LUX VS. ILLUMINATION
New Mexico Optometric Association	\$100 Cash Award	Oscar	Laird			Jefferson Middle School	Color's Effect on Short Term Memory
New Mexico Optometric Association	\$75 Cash Award	Avery	Ledesma			LCACS Holy Cross-Campus	Does Your Eye Color Affect Your Vision
New Mexico Science Teachers Association	\$50 Award	Gabriel	McMahon			Santo Nino Regional Catholic School	Finding the Fibonacci Sequence in Nature
New Mexico Solar Energy Association	Junior Division, 2nd Place	Eliza	Evans			Barranca Mesa Elementary	CONSTRUCTING AND COMPARING FUNCTIONAL SOLAR CELLS TO GENERATE ELECTRICITY
New Mexico Solar Energy Association	Junior Division, 1st Place	Celeste	Lucero			Holy Ghost School	ENVIRONMENTALLY SAFE Building Materials and Heat Retention
New Mexico Tech - ACS Chem Club, "NMT ACS Aspiring Chemist Award"	\$25 Amazon Gift Card	Tejas	Kandath			Albuquerque School of Excellence	EFFECTIVE METHODS OF CHLORINE REMOVAL FROM HAIR

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JR DIVISION SPECIAL AWARDS**

AWARDING ORGANIZATION	AWARD	STUDENT01 FIRST NAME	STUDENT01 LAST NAME	STUDENT02 FIRST NAME	STUDENT02 LAST NAME	STUDENT SCHOOL	PROJECT TITLE
Office of Naval Research - Naval Science Awards	Junior Division - Medallion and Certificate	Logan	Antiporda			Carlsbad Intermediate School	Shielding Against Radiation
Office of Naval Research - Naval Science Awards	Junior Division - Medallion and Certificate	Bryce	Jacobs			Cottonwood Valley Charter School	Battle of the Ciphers
Office of Naval Research - Naval Science Awards	Junior Division - Medallion and Certificate	Koby	Kwiecinski			AIMES at UNM	Catch 22: A Ballistics Evaluation
Office of Naval Research - Naval Science Awards	Junior Division - Medallion and Certificate	Richard	Walker			Taos Jr. High School	Holey Crabs! Production Of a Water Filtration System for Contaminants Using Chitosan
Rex Robinson Award	Plaque + \$50 Cash	Aidan	Stewart			Albuquerque School of Excellence	Rocket Science
Ricoh Sustainable Development Award	Certificate	Adittyo	Paul			AIMES at UNM	GENERATING ELECTRICITY FROM ROTATING WHEELS OF AN AUTOMOBILE
Rocky Mountain Water Environment Assoc. (RMWEA)	Cash Award	Sean	McNally			Heights Jr. High School	CATHODIC PROTECTION AND WATER QUALITY IN DIFFERENT SOILS
Rocky Mountain Water Environment Assoc. (RMWEA)	Cash Award	Richard	Walker			Taos Jr. High School	Holey Crabs! Production Of a Water Filtration System for Contaminants Using Chitosan
Scientific Paper Competition, sponsored by the New Mexico Academy of Science and Sandia National Labs/Lockheed Martin	American Vacuum Society, Junior Div, 2nd Place - \$100 award	Rusty	Ludwigsen			Stockham Home School	Passive Reduction of Involuntary Arm/Hand Tremors: Phase II
Scientific Paper Competition, sponsored by the New Mexico Academy of Science and Sandia National Labs/Lockheed Martin	NM Academy of Science, Junior Div, 1st Place - \$200 Award	Rusty	Ludwigsen			Stockham Home School	Passive Reduction of Involuntary Arm/Hand Tremors: Phase II
Scientific Paper Competition, sponsored by the New Mexico Academy of Science and Sandia National Labs/Lockheed Martin	NM Academy of Science, Junior Div, 2nd Place - \$100 award	Sean	McNally			Heights Jr. High School	CATHODIC PROTECTION AND WATER QUALITY IN DIFFERENT SOILS
Scientific Paper Competition, sponsored by the New Mexico Academy of Science and Sandia National Labs/Lockheed Martin	NM Academy of Science, Junior Div, 3rd Place - \$50 award	Devin	Padilla-Munson			St Teresa of Avila School	Wheat: the Good, the Bad, the Ugly - Part 2
Scientific Paper Competition, sponsored by the New Mexico Academy of Science and Sandia National Labs/Lockheed Martin	American Vacuum Society, Junior Div, 1st Place - \$125 award	Lillian	Petersen			Los Alamos Middle School	Will it be a good ski season? Correlation between El Nino and snowfall
Scientific Paper Competition, sponsored by the New Mexico Academy of Science and Sandia National Labs/Lockheed Martin	NM Academy of Science, Junior Div, Honorable Mention	Lillian	Petersen			Los Alamos Middle School	Will it be a good ski season? Correlation between El Nino and snowfall
Trinity Section of the American Nuclear Society	\$125 Cash Award	Logan	Antiporda			Carlsbad Intermediate School	Shielding Against Radiation
Vannetta Perry Award	Plaque	Isaiah	Baca			St Mary Middle School	"HOW DOES HONEY EFFECT THE SYMPTOMS ALLERGIES?"

# NM Science and Engineering Fair 2015

## SR CATEGORY AWARDS

Category	Place	Student First Name	Student Last Name	Title	School
Behavioral & Social Sciences	HON Mention	Aretzby	Bonilla	Conformity as a function of Collectivism and Individualism	AIMS at UNM
		Alley	Hanna		
	HON Mention	Diego	Salcido Morales	Musical Memory	Grants High School
	HON Mention	Emily	Brown	You're Lying: it's as plain as the nose on your face.	Portales High School
	Third Place	Priyanka	Velappan	Work-Life Balance: Women Around the World	Los Alamos High School
	Second Place	Sarah	Taylor	How do Stereotypical reactions differ from real reactions when faced with fight or flight situations	AIMS at UNM
		Jahnesta	Killen		
	First Place	Sara	Manshad	Autonomous Digital Manipulatives for the Blind and Visually Impaired	Arrowhead Park Early College High School
Botany	HON Mention	Cameron	Zielinski	Algae Killer on the Dinner Table?	Rio Rancho High School
	HON Mention	Sophia	Lasche'	MORE OR LESS	Rio Grande Enrichment Home School
	HON Mention	Floyd	Duran	Climbing The Stalk Hydroponically	Roy Municipal School
	HON Mention	Danielle	Rael	Fresh Isn't Always Best	Grants High School
	Third Place	Stacy	Swope	Grow Grow Grow your algae	Deming High School
	Second Place	James	Valerio	Nutrisoil: Biosynthetically Produced Growth Medium for Sprout Regeneration	Taos High School
	First Place	Adriano	Tsinigine	Corn Growth with Various Types of Soil on the Navajo Reservation	Navajo Preparatory School Inc
Chemistry	HON Mention	Tyler	Johnson	Hint of Eugenol	Roy Municipal School
	HON Mention	Ethan	Cooper	Fire Proof Udders	Grants High School
	HON Mention	Harold	Gridley	Can You Taste The Heat	Saint Pius X High School
	Third Place	Ahmed	Muhyi	Generating Nonocrystalline Cellulose from Plants for Super Strong Fibers	Arrowhead Park Early College High School
	Second Place	Jennifer	Paige	Visible Spectroscopy: Allura Red	Los Alamos High School
	First Place	J.T.	Goodart	The Cancer Breathalyzer: Building a device that detects lung cancer from "breathprint"	Grants High School
Computer Science	HON Mention			Andriod- Arduino Controlled Robot	Navajo Preparatory School Inc
		Phyllis	Martinez		
	HON Mention	Amos	Gray	ThermAlert: Infrared Alert System for the Prevention of Vehicular Hyper/Hypothermic Death	Taos Cyber Magnet High School
	Third Place	Hiba	Muhyi	Robo-Glove: Designing a Low Cost Interactive System for the Deaf and Hearing Impaired	Arrowhead Park Early College High School
	Second Place	Marcus	Dominguez-Kuhne	Modeling the propagation of the I LOVE YOU and Code Red Computer Worm	Albuquerque Academy
	First Place	Che	Olavarria Gallegos	DEVELOPING A MORE EFFICIENT FUSION REACTOR THROUGH COMPUTER MODELING	Albuquerque Academy
		Jorge	Perez		
Earth & Planetary Sciences	HON Mention	Katherine	Misla	The Impact of Solar Storms on Earths MagneticField	Rio Rancho High School
	Third Place	Raily	Blankley	The Stegomastadon Fossil; Why Was it So Well Preserved	AIMS at UNM
	Second Place	Hayden	Randall	No Mo Mine 3: Chitin as a Delivery Agent for Remediation Nutrients	Taos High School
	First Place	Chali	Simpson	Getting the Dirt on Diversity	Grants High School
Energy & Transportation	HON Mention	Kelly	Charley	Developing a Self-Sufficient Solar Heating System	Navajo Preparatory School Inc
	HON Mention	Alexandria	Dennis	How Much is too Much 3.0	Piedra Vista High School
	HON Mention	Mark	Perea	Mud Power	Saint Pius X High School
	Third Place	Julia	Johnson	The Power of Si: Developing a Biopolymer/Silicon Conductance System that Produces & Stores Energy	Taos High School
	Second Place	Edward	Park	Sustainable bio-battery utilizing extracellular charge transfer mechanism	Las Cruces High School
	First Place	Jovan	Zhang	Modeling Gas Flow in Hydraulically Fractured Shale	Los Alamos High School

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## SR CATEGORY AWARDS

Engineering	HON Mention	Joselyn	Fink	Paper Defense	Grants High School
	HON Mention	Isaiah	Lang	Fire Fighting Robot	Los Alamos High School
	HON Mention	Shubham	Chadha	Implementing Artificial Neural Networks to Estimate the Distance between a WiFi Transmitter and Receiver	Manzano High School
	Third Place	Alan	Van Omen	Sodium Acetate Heat Capacitor	Rio Grande Enrichment Home School
	Second Place	Vladislav	Sevostianov	A Farewell To Thermal Expansion	Las Cruces High School
	First Place	EliseAnne	Koskelo	Biomimetic Skyscrapers Inspired by Dendroecismology	Los Alamos High School
Environmental Sciences	HON Mention	Ruby	Selvage	Self- Regulated Greenhouse	Los Alamos High School
	HON Mention	Tyra	Nicolay	Agricultural Contaminants in the San Juan River	Navajo Preparatory School Inc
	HON Mention	Kaylee	Dunnigan	Bio Filtration of Nitrogen Fertilizer	Rio Rancho High School
	Third Place	Jarek	Kwiecinski	Improving the Carbon Use Efficiency of Soil Microbial Communities: Field	AIMS at UNM
	Second Place	Jordan	Woodbury	Turf vs. Grass: Which Poses the Greatest Risk of Infection?	Grants High School
	First Place	Andrea Anthony	Chin-Lopez Archuleta	Crabotics: Novel Chitosan Water Filtration for Antibiotics Structure and Filtration Year 2	Taos High School
Mathematical Sciences	HON Mention	Donald	Poston	Distance is An-arc-hy	Los Alamos High School
	HON Mention	Natalie	Avitia	Jungle Fever: The Tipping Point of the Ebola Epidemic	Grants High School
	Third Place	Yoni	Xiong	The Effects of Physical Stress on Salivary Amylase and Starch Breakdown in Saliva	Carlsbad High School
	Second Place	Kathryn	Kasky	I'm All About That Base	Los Lunas High School
	First Place	Ruby	Aidun	An Investigation of Mathematical Hat Games	Albuquerque High School
Medicine & Health Sciences	HON Mention	Annaka	Westphal	Preliminary Testing for Better Drug Delivery	AIMS at UNM
	HON Mention	Kristin	Strosnider	Afterimages, Affected by Macular Degeneration (MD)?	Rio Rancho High School
	HON Mention	Meghan Katelynn	Hill James	Using a Concentrated Heat System to Shock P53 Protein to Direct Cancer Cells into Apoptosis	Monte Del Sol Charter School
	Third Place	Jonah	Ng	Automated ECG Signal Analysis and Arrhythmia Detection	Las Cruces High School
	Second Place	Lien	Tang	CLONING THE FLYING GENE: MOLECULAR GENETIC ANALYSIS OF THE HOLD UP (HUP) GENE IN DROSOPHILA	Manzano High School
	First Place	Priyanka	Jain	Novel Strategy for Removing Gene Inhibitors from DNA to Induce Apoptosis to Kill Cancer Cells	La Cueva High School
Microbiology	HON Mention	Lita	Cisco	Colloidal Silver Concentration: The Effects on Escherochi	AIMS at UNM
	HON Mention	Shelby	Gonzales	MSG (Monosodium Glutamate) Is It Really Toxic?	Grants High School
	Third Place	Sarah	Dallo	Phase V: Inhibiting Vertical Migration of Noctiluca scintillans using specific bandwidths of lasers	Sandia High School
	Second Place	Michael	Randall	By land or by sea; oil eating bacteria part V	Mayfield High School
	First Place	Esteban Ashvini	Abeyta Vaidya	Preventing Hospital Acquired Infections Using Permanent Nanostructure Surface Coatings on Invasive D	Los Alamos High School
Physics & Astronomy	HON Mention	John	Raymond	Prosthetic Grip	Amy Biehl Charter High School
	HON Mention	Katja	Klosterman	Innovation in Star Field Imaging Using an Array of Cameras	Cleveland High School
	HON Mention	Zachary	Goodrich	Asteroids	Grants High School
	Third Place	Katherine	Schneider	Demonstrating Wave-Partical Duality of a Quantum System	Cleveland High School
	Second Place	Wing	Lin	Analyzing Chemical Solutions with Light -Emitting Diodes	Grants High School
	First Place	Cole	Kendrick	Coupled Hydrodynamic Ocean and Atmospheric Simulation of El Nino	Los Alamos High School
Zoology	HON Mention	Phoebe	Rychener	Sugar vs. Sugar - Are They All The Same	Grants High School
	HON Mention	Samantha	Multari	Can Seaweed Save the Coral?	Saint Pius X High School
	HON Mention	Annelcyce	Hicks	Tasting Age	Grants High School

**NM Science and Engineering Fair 2015**  
**SR CATEGORY AWARDS**

Third Place	Colton	Shaw	Chew on This	Roy Municipal School
Second Place	Veronica	Espinoza	The Effects of Trimethylxanthine on the Longevity of Drosophila Melanogaster	Santa Teresa High School
First Place	Priscilla	Martinez	Cotagenics: Cota and Luteolin Impact on Earthworm Cellular and Tumorigenic Activity	Taos High School
	Arasely	Rodriguez		



**NM State Science Engineering Fair 2015  
SR DIVISION SPECIAL AWARDS**

AWARDING ORGANIZATION	AWARD	STUDENT01 FIRST NAME	STUDENT01 LAST NAME	STUDENT02 FIRST NAME	STUDENT02 LAST NAME	STUDENT SCHOOL	PROJECT TITLE
Senior Division Physical Sciences Grand Award	All-expenses paid trip to the International Science and Engineering Fair in Phoenix, AZ, where they are eligible to compete as exhibitors	Ruby	Aidun			Albuquerque High School	An Investigation of Mathematical Hat Games
Stockholm Junior Water Prize	Certificate and invitation to enter the Stockholm Junior Water Prize competition	Ariana	Baca			Taos High School	Cleanspin Vortex Removal of Microbial Contaminants
New Mexico Optometric Association	Certificate	Jordan	Bailey			Los Alamos High School	Breast Cancer and Metastasis
New Mexico Optometric Association	\$50 Award and Certificate	Kami	Bratzel			Grants High School	Sizzling Cells
American Psychological Association Educational Directorate	Certificate	Emily	Brown			Portales High School	You're Lying: it's as plain as the nose on your face.
Ashmore Award	\$50 Award	Emily	Brown			Portales High School	You're Lying: it's as plain as the nose on your face.
John Harty Award	Plaque	Jay	Burns			Amy Biehl Charter High School	Prosthetic Hand: Robotic
New Mexico Network for Women in Science and Engineering	Tote Bag and \$50 award	Kelly	Charley			Navajo Preparatory School Inc	Developing a Self-Sufficient Solar Heating System
Ricoh Sustainable Development Award	Certificate	Kelly	Charley			Navajo Preparatory School Inc	Developing a Self-Sufficient Solar Heating System
American Meteorological Society	Certificate	Andrea	Chin-Lopez	Anthony	Archuleta	Taos High School	Crabyotics: Novel Chitosan Water Filtration for Antibiotics Structure and Filtration Year 2
Rocky Mountain Water Environment Assoc. (RMWEA)	Senior Div, 1st Place - Award and Certificate	Andrea	Chin-Lopez	Anthony	Archuleta	Taos High School	Crabyotics: Novel Chitosan Water Filtration for Antibiotics Structure and Filtration Year 2
Dr. William A. Gross Memorial Award for Renewable Energy or Sustainable Living	\$100 Award	Alexandria	Dennis			Piedra Vista High School	How Much is too Much 3.0
Rocky Mountain Water Environment Assoc. (RMWEA)	Senior Div, 2nd Place - Award and Certificate	Kaylee	Dunnigan			Rio Rancho High School	Bio Filtration of Nitrogen Fertilizer
Stockholm Junior Water Prize	Certificate and invitation to enter the Stockholm Junior Water Prize competition	Kaylee	Dunnigan			Rio Rancho High School	Bio Filtration of Nitrogen Fertilizer
Senior Division Sponsor of the Year	Certificate and \$50 Award	Yolanda	Flores			Navajo Preparatory School	
New Mexico Network for Women in Science and Engineering	Tote Bag and \$50 award	Lea'	Godret Miertschin			Nex Gen Academy	Efficiency in Desalination: Conduction vs. Radiation
Office of Naval Research - Naval Science Awards	Senior Div - \$75 award, Medallion, and Certificate	Lea'	Godret Miertschin			Nex Gen Academy	Efficiency in Desalination: Conduction vs. Radiation
Stockholm Junior Water Prize	Certificate and invitation to enter the Stockholm Junior Water Prize competition	Lea'	Godret Miertschin			Nex Gen Academy	Efficiency in Desalination: Conduction vs. Radiation
United States Dept. of Health and Human Services, Office of the Surgeon General	Certificate and Medallion	Shelby	Gonzales			Grants High School	MSG (Monosodium Glutamate) Is It Really Toxic?
American Chemical Society, Central New Mexico Section	Award	J.T.	Goodart			Grants High School	The Cancer Breathalyzer: Building a device that detects lung cancer from "breathprint"
Scientific Paper Competition, sponsored by the New Mexico Academy of Science and Sandia National Labs/Lockheed Martin	NM Academy of Science, Senior Div, 3rd Place - \$50 award	J.T.	Goodart			Grants High School	The Cancer Breathalyzer: Building a device that detects lung cancer from "breathprint"
Senior Division Physical Sciences Grand Award	All-expenses paid trip to the International Science and Engineering Fair in Phoenix, AZ, where they are eligible to compete as exhibitors	J.T.	Goodart			Grants High School	The Cancer Breathalyzer: Building a device that detects lung cancer from "breathprint"

**NM State Science Engineering Fair 2015  
SR DIVISION SPECIAL AWARDS**

AWARDING ORGANIZATION	AWARD	STUDENT01 FIRST NAME	STUDENT01 LAST NAME	STUDENT02 FIRST NAME	STUDENT02 LAST NAME	STUDENT SCHOOL	PROJECT TITLE
New Mexico Medical Society	\$100 Award	Jonathan	Hulse			Rio Rancho High School	Application of the Sarcomere Length versus Tension Model to Muscle Fatigue Rates
New Mexico Medical Society	\$100 Award	Priyanka	Jain			La Cueva High School	Novel Strategy for Removing Gene Inhibitors from DNA to Induce Apoptosis to Kill Cancer Cells
New Mexico Network for Women in Science and Engineering	Tote Bag and \$50 award	Priyanka	Jain			La Cueva High School	Novel Strategy for Removing Gene Inhibitors from DNA to Induce Apoptosis to Kill Cancer Cells
Society for In Vitro Biology	Certificate	Priyanka	Jain			La Cueva High School	Novel Strategy for Removing Gene Inhibitors from DNA to Induce Apoptosis to Kill Cancer Cells
Senior Division Life Sciences Grand Award	All-expenses paid trip to the International Science and Engineering Fair in Phoenix, AZ, where they are eligible to compete as exhibitors	Priyanka	Jain			La Cueva High School	Novel Strategy for Removing Gene Inhibitors from DNA to Induce Apoptosis to Kill Cancer Cells
ASM International - Los Alamos Chapter	\$100 Award	Julia	Johnson			Taos High School	The Power of Si: Developing a Biopolymer/Silicon Conductance System that Produces & Stores Energy
New Mexico Solar Energy Association	Senior Div, 1st Place - Award and Certificate	Julia	Johnson			Taos High School	The Power of Si: Developing a Biopolymer/Silicon Conductance System that Produces & Stores Energy
American Meteorological Society	Certificate	Cole	Kendrick			Los Alamos High School	Coupled Hydrodynamic Ocean and Atmospheric Simulation of El Nino
Stockholm Junior Water Prize	Certificate and invitation to enter the Stockholm Junior Water Prize competition	Cole	Kendrick			Los Alamos High School	Coupled Hydrodynamic Ocean and Atmospheric Simulation of El Nino
United States Air Force	Laptop backpack, personal lunch bag, 3-in-1 Calculator/ Picture Frame/LCD Digital Clock, Helicopter pen	Mason	Kennitz	Nathan	Cordick	The Ask Academy	Piezoelectric Keyboard
Ashmore Award	\$50 Award	Khaled	Khweis			Taos High School	The Mathemagic of Words: Applying the Golden Ratio to the English Language
Mu Alpha Theta	Certificate	Khaled	Khweis			Taos High School	The Mathemagic of Words: Applying the Golden Ratio to the English Language
Mau/Kirschbaum Award	\$50 Award	Jahnesta	Killen	Sarah	Taylor	AIMES at UNM	How do Stereotypical reactions differ from real reactions when faced with fight or flight situations
New Mexico Museum of Natural History and Science	\$200 Award, museum certificate, and museum t-shirt	EliseAnne	Koskelo			Los Alamos High School	Biomimetic Skyscrapers Inspired by Dendroseismology
New Mexico Network for Women in Science and Engineering	Tote Bag and \$50 award	EliseAnne	Koskelo			Los Alamos High School	Biomimetic Skyscrapers Inspired by Dendroseismology
Scientific Paper Competition, sponsored by the New Mexico Academy of Science and Sandia National Labs/Lockheed Martin	American Vacuum Society, Senior Div, 2nd Place - \$125 award	EliseAnne	Koskelo			Los Alamos High School	Biomimetic Skyscrapers Inspired by Dendroseismology
Arizona State University; Rob and Melani Walton Sustainability Solutions Initiatives	Certificates	Jarek	Kwiecinski			AIMES at UNM	Improving the Carbon Use Efficiency of Soil Microbial Communities: Field
Excellence in Geoscience (NM Bureau of Geology, NM Geological Society, NMT Dept. of Earth & Enviro. Science)	Senior Div - Award, subscription to New Mexico Geology, and publication of the student's abstract in New Mexico Geology	Jarek	Kwiecinski			AIMES at UNM	Improving the Carbon Use Efficiency of Soil Microbial Communities: Field
New Mexico Biotechnology & Biomedical Association (NMBio)	2nd Alternate	Jarek	Kwiecinski			AIMES at UNM	Improving the Carbon Use Efficiency of Soil Microbial Communities: Field
United States Air Force	Laptop backpack, personal lunch bag, 3-in-1 Calculator/ Picture Frame/LCD Digital Clock, Helicopter pen	Jarek	Kwiecinski			AIMES at UNM	Improving the Carbon Use Efficiency of Soil Microbial Communities: Field
David K. Shortess Award	Plaque	Sophia	Lasche'			Rio Grande Enrichment Home School	MORE OR LESS

**NM State Science Engineering Fair 2015  
SR DIVISION SPECIAL AWARDS**

AWARDING ORGANIZATION	AWARD	STUDENT01 FIRST NAME	STUDENT01 LAST NAME	STUDENT02 FIRST NAME	STUDENT02 LAST NAME	STUDENT SCHOOL	PROJECT TITLE
New Mexico Garden Clubs, Inc.	\$75 Award	Sophia	Lasche'			Rio Grande Enrichment Home School	MORE OR LESS
Mau/Kirschbaum Award	\$50 Award	Sara	Manshad			Arrowhead Park Early College High School	Autonomous Digital Manipulatives for the Blind and Visually Impaired
New Mexico Optometric Association	\$75 Award and Certificate	Sara	Manshad			Arrowhead Park Early College High School	Autonomous Digital Manipulatives for the Blind and Visually Impaired
Professional Aerospace Contractors Association (PACA) of New Mexico	Senior Divi, 2nd Place - \$100 Award	Sara	Manshad			Arrowhead Park Early College High School	Autonomous Digital Manipulatives for the Blind and Visually Impaired
Senior Division Life Sciences Grand Award	All-expenses paid trip to the International Science and Engineering Fair in Phoenix, AZ, where they are eligible to compete as exhibitors	Sara	Manshad			Arrowhead Park Early College High School	Autonomous Digital Manipulatives for the Blind and Visually Impaired
Arizona State University; Rob and Melani Walton Sustainability Solutions Initiatives	Certificates	Roshii	Montato			Amy Biehl Charter High School	Utilization of Renewable Resources in Papermaking
Intel Excellence in Computer Science Award	\$200 Award + Certificate	Hiba	Muhyi			Arrowhead Park Early College High School	Robo-Glove: Designing a Low Cost Interactive System for the Deaf and Hearing Impaired
United States Air Force	Laptop backpack, personal lunch bag, 3-in-1 Calculator/ Picture Frame/LCD Digital Clock, Helicopter pen	Ahmed	Muhyi			Arrowhead Park Early College High School	Generating Nonocrystalline Cellulose from Plants for Super Strong Fibers
Office of Naval Research - Naval Science Awards	Senior Div - \$75 award, Medallion, and Certificate	Samantha	Multari			Saint Pius X High School	Can Seaweed Save the Coral?
New Mexico Biotechnology & Biomedical Association (NMBio)	All expenses paid trip to US National BioGENEius Challenge In Philadelphia, PA for the student and teacher	Jonah	Ng			Las Cruces High School	Automated ECG Signal Analysis and Arrhythmia Detection
Stockholm Junior Water Prize	Certificate and invitation to enter the Stockholm Junior Water Prize competition	Tyra	Nicolay			Navajo Preparatory School Inc	Agricultural Contaminants in the San Juan River
Intel Excellence in Computer Science Award	\$200 Award + Certificate	Che	Olavarria Gallegos	Jorge	Perez	Albuquerque Academy	DEVELOPING A MORE EFFICIENT FUSION REACTOR THROUGH COMPUTER MODELING
Professional Aerospace Contractors Association (PACA) of New Mexico	Senior Div, 2nd Place - \$100 Award	Che	Olavarria Gallegos	Jorge	Perez	Albuquerque Academy	DEVELOPING A MORE EFFICIENT FUSION REACTOR THROUGH COMPUTER MODELING
Trinity Section of the American Nuclear Society	\$125 Award	Che	Olavarria Gallegos	Jorge	Perez	Albuquerque Academy	DEVELOPING A MORE EFFICIENT FUSION REACTOR THROUGH COMPUTER MODELING
Yale Science and Engineering Association	Certificate	Brian	Olivas	Michael	Pacheco	Rio Rancho High School	The World Saving Muffler
New Mexico Network for Women in Science and Engineering	Tote Bag and \$50 award	Jennifer	Paige			Los Alamos High School	Visible Spectroscopy: Allura Red
AVS Science and Technology Society, New Mexico Chapter	Senior Div, 2nd Place - \$200 Award plus award for teacher	Edward	Park			Las Cruces High School	Sustainable bio-battery utilizing extracellular change transfer mechanism
New Mexico Biotechnology & Biomedical Association (NMBio)	All expenses paid trip to US National BioGENEius Challenge In Philadelphia, PA for the student and teacher	Edward	Park			Las Cruces High School	Sustainable bio-battery utilizing extracellular change transfer mechanism
New Mexico Solar Energy Association	Senior Div, 2nd Place - Award and Certificate	Edward	Park			Las Cruces High School	Sustainable bio-battery utilizing extracellular change transfer mechanism
American Meteorological Society	Certificate	Suchin	Patel			Grants High School	A Refreshing Glass of Sewer
Arizona State University; Rob and Melani Walton Sustainability Solutions Initiatives	Certificates	Suchin	Patel			Grants High School	A Refreshing Glass of Sewer
New Mexico Optometric Association	Certificate	Karishma	Patel			Grants High School	Killed By a Pro

**NM State Science Engineering Fair 2015  
SR DIVISION SPECIAL AWARDS**

AWARDING ORGANIZATION	AWARD	STUDENT01 FIRST NAME	STUDENT01 LAST NAME	STUDENT02 FIRST NAME	STUDENT02 LAST NAME	STUDENT SCHOOL	PROJECT TITLE
New Mexico Solar Energy Association	Senior Div, 3rd Place - Award and Certificate	Mark	Perea			Saint Pius X High School	Mud Power
New Mexico Garden Clubs, Inc.	\$50 Award	Danielle	Rael			Grants High School	Fresh Isn't Always Best
National Oceanic and Atmospheric Administration (NOAA)	Certificate + Medallion	Michael	Randall			Mayfield High School	By land or by sea; oil eating bacteria part V
Office of Naval Research - Naval Science Awards	Senior Div - \$75 award, Medallion, and Certificate	Michael	Randall			Mayfield High School	By land or by sea; oil eating bacteria part V
Stockholm Junior Water Prize	Certificate and invitation to enter the Stockholm Junior Water Prize competition	Michael	Randall			Mayfield High School	By land or by sea; oil eating bacteria part V
Society for In Vitro Biology	Certificate	Arasely	Rodriguez	Priscilla	Martinez	Taos High School	Cotagenics: Cota and Luteolin Impact on Earthworm Cellular and Tumorigenic Activity
AVS Science and Technology Society, New Mexico Chapter	Senior Div, 1st Place - \$300 Award plus award for teacher	Olivia	Schmelzel			Manzano High School	Why Resistance to Faraday's Law should be OHMITTED
New Mexico Network for Women in Science and Engineering	Tote Bag and \$50 award	Katherine	Schneider			Cleveland High School	Demonstrating Wave-Partical Duality of a Quantum System
Theresa G. Johnson Award	Senior Div, \$100 Award	Katherine	Schneider			Cleveland High School	Demonstrating Wave-Partical Duality of a Quantum System
ASM International - Los Alamos Chapter	\$200 Award	Vladislav	Sevostianov			Las Cruces High School	A Farewell To Thermal Expansion
Professional Aerospace Contractors Association (PACA) of New Mexico	Senior Div, 1st Place - \$300 award	Vladislav	Sevostianov			Las Cruces High School	A Farewell To Thermal Expansion
Scientific Paper Competition, sponsored by the New Mexico Academy of Science and Sandia National Labs/Lockheed Martin	NM Academy of Science, Senior Div, 2nd Place - \$100 award	Vladislav	Sevostianov			Las Cruces High School	A Farewell To Thermal Expansion
United States Air Force	Laptop backpack, personal lunch bag, 3-in-1 Calculator/ Picture Frame/LCD Digital Clock, Helicopter pen	Vladislav	Sevostianov			Las Cruces High School	A Farewell To Thermal Expansion
Scientific Paper Competition, sponsored by the New Mexico Academy of Science and Sandia National Labs/Lockheed Martin	American Vacuum Society, Senior Div, 1st Place - \$150 award	Abdullah	Shaw			Salam Academy	Systemic Effects of Conventional Mouth Rinse Vs Natural Mouth Rinse
Association for Women Geoscientists	Certificate	Chali	Simpson			Grants High School	Getting the Dirt on Diversity
Theresa G. Johnson Award	Senior Div, \$50 Award	Chali	Simpson			Grants High School	Getting the Dirt on Diversity
Arizona State University; Rob and Melani Walton Sustainability Solutions Initiatives	Certificates	Clara	Sims	Victoria	Troyer	School of Dreams Academy	Red Light Green light
New Mexico Network for Women in Science and Engineering	Tote Bag and \$50 award	Rene	Smith			Grants High School	Mutagenic Capabilities of Aromatic Hydrocarbons on Bacteria: How Safe Are You?
New Mexico Medical Society	\$100 Award	Kristin	Strosnider			Rio Rancho High School	Afterimages, Affected by Macular Degeneration (MD)?
New Mexico Optometric Association	\$100 Award and Certificate	Kristin	Strosnider			Rio Rancho High School	Afterimages, Affected by Macular Degeneration (MD)?
Anthony A. Ortiz Award	Plaque	Stacy	Swope			Deming High School	Grow Grow Grow your algae
New Mexico Biotechnology & Biomedical Association (NMBio)	1st Alternate	Lien	Tang			Manzano High School	CLONING THE FLYING GENE: MOLECULAR GENETIC ANALYSIS OF THE HOLD UP (HUP) GENE IN DROSOPHILA
New Mexicans for Science and Reason	\$200 Award	Ashvini	Vaidya	Esteban	Abeyta	Los Alamos High School	Preventing Hospital Acquired Infections Using Permanent Nanostructure Surface Coatings on Invasive D
United States Dept. of Health and Human Services, Office of the Surgeon General	Certificate and Medallion	Ashvini	Vaidya	Esteban	Abeyta	Los Alamos High School	Preventing Hospital Acquired Infections Using Permanent Nanostructure Surface Coatings on Invasive D

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SR DIVISION SPECIAL AWARDS**

AWARDING ORGANIZATION	AWARD	STUDENT01 FIRST NAME	STUDENT01 LAST NAME	STUDENT02 FIRST NAME	STUDENT02 LAST NAME	STUDENT SCHOOL	PROJECT TITLE
Senior Division Life Sciences Grand Award	All-expenses paid trip to the International Science and Engineering Fair in Phoenix, AZ, where they are eligible to compete as exhibitors	Ashvini	Vaidya	Esteban	Abeyta	Los Alamos High School	Preventing Hospital Acquired Infections Using Permanent Nanostructure Surface Coatings on Invasive D
New Mexico Garden Clubs, Inc.	\$100 Award	James	Valerio			Taos High School	Nutrisoil: Biosynthetically Produced Growth Medium for Sprout Regeneration
United States Metric Association	Certificate	James	Valerio			Taos High School	Nutrisoil: Biosynthetically Produced Growth Medium for Sprout Regeneration
Theresa G. Johnson Award	Senior Div, \$150 Award	Jordan	Woodbury			Grants High School	Turf vs. Grass: Which Poses the Greatest Risk of Infection?
Mu Alpha Theta	Certificate	Jovan	Zhang			Los Alamos High School	Modeling Gas Flow in Hydraulically Fractured Shale
Scientific Paper Competition, sponsored by the New Mexico Academy of Science and Sandia National Labs/Lockheed Martin	NM Academy of Science, Senior Div, 1st Place - \$200 award	Jovan	Zhang			Los Alamos High School	Modeling Gas Flow in Hydraulically Fractured Shale
Senior Division Physical Sciences Grand Award	All-expenses paid trip to the International Science and Engineering Fair in Phoenix, AZ, where they are eligible to compete as exhibitors	Jovan	Zhang			Los Alamos High School	Modeling Gas Flow in Hydraulically Fractured Shale