
Klipsch School of Electrical & Computer Engineering, NMSU

up to 12 Scholarship Certificates for students if they enroll in the BSEE program

Up to 6 \$50 gift cards

Junior or Senior Division

Recognition

up to 12 Scholarship Certificates for students if they enroll in the BSEE program

Up to 6 \$50 gift cards

GISELLE N SARRACINO

Los Alamitos Middle School

Teacher/Sponsor: Daniela De Santiago

Title: Another Way of Seeing'

Alexander S Livescu

Los Alamos Middle School

Teacher/Sponsor: Eva Abeyta

Title: The not so weird world of quantum computing: Bits, Qubits, and Really Large Primes'

Scientific Paper Competition-NMJAS

To showcase student research, participation in science fairs, and an annual written and oral technical paper competition.

Junior Division

Honorable Mention

NM Academy of Science, Junior Div, Honorable Mention

NMJAS Scientific Paper Competition: Adam J Homs

His presentation on Using sentiment analysis to assess depression

NMJAS Scientific Paper Competition: Trey L Jones

His presentation on Effects of UV irradiation on regenerating planarians

Third Place

NM Academy of Science, Junior Div, 3rd Place, \$100 Cash Award

NMJAS Scientific Paper Competition: Sofia G Chavez

Her presentation on An Honest Placebo

Second Place

NM Academy of Science, Junior Div, 2nd Place, \$150 Cash Award

NMJAS Scientific Paper Competition: Milidu N Jayaweera

Her presentation on Designing a Cognitive Anti-Jamming Communications system ...

First Place

NM Academy of Science, Junior Div, 1st Place, \$250 Cash Award

NMJAS Scientific Paper Competition: Ksenia Sevostianov

Ksenia's presentation Play 'Spot the Difference' to fight cancer

Scientific Paper Competition, AVS Science & Technology Awards

Scientific Paper Competition

Junior Division

Second Place

\$175 Cash Award

Scientific Paper Competition: Daniel Borovina

His presentation on Parabolas and the Perfect Hot Dog

First Place

\$200 Cash Award

**AVS Science and Tech Paper Competition:
Sofia G Chavez**

Sofia's entry in the AVS Scientific Paper Competition

Teacher Award

\$200 to teacher of 1st place winner

**AVS Science and Tech Paper Competition:
Suzy Dunnum**

Sponsor for Sofia Chavez

Teacher Award

\$175 to teacher of 2nd place winner

**AVS Science and Teck Paper Competition:
Karen Borovina**

Sponsor for Daniel Borovina

Air and Waste Management Association - Rocky Mountain States Section

Projects that involve the fields of air quality science and engineering and/or solid waste management.

Junior Division

Third Place

Cash Award

Broc C DuBois

Desert Springs Christian Academy

Teacher/Sponsor: Don Lytton

Title: Keeping the Dust Down'

Second Place

Cash Award

Genesis I Gamboa

Milan Elementary School

Teacher/Sponsor: Kandas Gonzales

Title: Co2 For You'

First Place

Cash Award

Selia I Lozoya

Albq. Institute for Math and Science

Teacher/Sponsor: Alicia Ruch-Flynn

Title: How Does Metal Withstand Different Levels of Acid Rain When Coated in Metal Primer?'

Albuquerque Chapter of the American Statistical Association

Criteria: Best use of statistics in science fair project

Senior Division

Second Place

Cash Award

Lindsey J Dunbar

Jefferson Middle School

Teacher/Sponsor: Sherie Pennebaker

Title: Using Algae to Reduce Solar Heat Gain in Buildings'

American Chemical Society - Central New Mexico Local Section

To project that best demonstrates a thorough and logical approach to the investigation and observation of a chemical phenomena or property using the principles of the scientific method.

Junior Division

Recognition

Cash Award

Team Split

Ksenia Sevostianov

Sierra Middle School

Teacher/Sponsor: Igor Sevostianov

Title: Play "Spot the difference" to fight cancer'

Junior or Senior Division

Recognition

Discretionary Award

Selia I Lozoya

Albq. Institute for Math and Science

Teacher/Sponsor: Alicia Ruch-Flynn

Title: How Does Metal Withstand Different Levels of Acid Rain When Coated in Metal Primer?'

American Nuclear Society, Trinity Section

For best project related to nuclear science or nuclear engineering.

Junior Division

Recognition

Cash Award

Keenan H Greywolf

Taos Charter School

Teacher/Sponsor: Sally A Greywolf

Title: Killer Calls'

American Psychological Association

Outstanding research in psychological science under the category of behavioral and social sciences or any category related to psychology.

Junior or Senior Division

Recognition

Certificate

Adam J Homsj

Sierra Middle School

Teacher/Sponsor: Rana Mreiwed

Title: Using Sentiment Analysis To Assess Depression Amongst The Elderly'

New Mexico American Vacuum Society

For the most creative chemistry or physics entry that successfully followed the scientific method.

Junior Division**Second Place**

Cash Prize

Teacher will also receive \$150

Lane A Clavel

Roy Municipal School

Teacher/Sponsor: Loretta m Overberger

Title: Heavy Metal on the Rice: Phase II'

First Place

Cash Prize

Teacher will also receive \$200

Aditya K Koushik

AIMS@UNM

Teacher/Sponsor: Beverly Miller

Title: Which light source makes electrons excited for longer in phosphorescence?'

Anthony A. Ortiz Award

For best Behavioral and Social Sciences Project.

Junior or Senior Division**Recognition**

Plaque

Nathan C Hoxworth

Desert Springs Christian Academy

Teacher/Sponsor: Don Lytton

Title: The Science Behind Where's Waldo'

ASM International - Los Alamos Chapter

For Excellence in Materials Science-projects that emphasize the science of materials (metallurgy, ceramics, polymers, etc) and how the materials properties, processing or structure influences performance.

Junior or Senior Division**Third Place**

\$100 Cash Prize

Joseph M Espindola

Prince of Peace Lutheran

Teacher/Sponsor: Jeanne L Hatok

Title: Powered by Wind Phase II'

Association for Women Geoscientists

Projects created by female students who exemplify high standards of innovativeness and scientific excellence in the geosciences.

Junior or Senior Division**Recognition**

Certificate

Veronica S Parra

Mountain Elementary

Teacher/Sponsor: Eva Abeyta

Title: Locating the Epicenter for the 2017 Central Mexico Earthquake'

Ball Aerospace and Technologies Corp.

1st, 2nd and 3rd place awards will be given in the Junior and Senior categories for Experiments, mathematical models or engineering designs related to application of light or heat. Fields of interest: Physics, Chemistry, Mathematics, and Engineering.

Junior Division**Third Place**

\$100 Cash Award

Kathryn G Chester

Carlsbad Intermediate School

Teacher/Sponsor: Leah K Olivas

Title: Bizarre Stars'

Second Place

\$150 Cash Award

Lindsey J Dunbar

Jefferson Middle School

Teacher/Sponsor: Sherie Pennebaker

Title: Using Algae to Reduce Solar Heat Gain in Buildings'

First Place

\$250 Cash Award

Liam Nyikos

Carlsbad Intermediate School

Teacher/Sponsor: Leah K Olivas

Title: Your House May Be Putting You in Danger'

Brittini Romero Award

Project with research focused in water remediation and/or energy.

Junior Division

Recognition

\$100.0

Caitlyn M Birkby

Mesa View Middle School

Title: Emerging H2O from the Desert'

Teacher/Sponsor: Lacey Fitzgerald

Recognition

100.00

Larry L Meador

Milan Elementary School

Title: cleaning up oil spills'

Teacher/Sponsor: Kandas Gonzales

Broadcom MASTERS

Outstanding projects are eligible to compete for an all-expenses paid trip to Washington, DC, to participate in the Broadcom MASTERS National Finals.

Junior Division

Recognition

Certificate and Packet

Gianna G Nilvo

Sundance Elementary

Teacher/Sponsor: Heather Cannon

Title: The Digestion of Cat Food'

Adam J Homsj

Sierra Middle School

Teacher/Sponsor: Rana Mreiwed

Title: Using Sentiment Analysis To Assess Depression Amongst The Elderly'

Ksenia Sevostianov

Sierra Middle School

Teacher/Sponsor: Igor Sevostianov

Title: Play "Spot the difference" to fight cancer'

T# 1 Andres V Chappa

Carlsbad Intermediate School

Teacher/Sponsor: Leah K Olivas

Title: Motion in V.R.'

T# 2 David Maley

Carlsbad Intermediate School

Teacher/Sponsor: Leah K Olivas

Title: Motion in V.R.'

Natasha R Colon

Media Arts Collaborative Charter School

Teacher/Sponsor: Vary E Coates

Title: Sifting the Paleocene'

Milidu N Jayaweera

Albq. Institute for Math and Science

Teacher/Sponsor: Alicia Ruch-Flynn

Title: Designing a Cognitive Anti-Jamming Communication System with Machine Learning and Reconfig Antennae'

Evan R Tweedie

Heights Middle School

Teacher/Sponsor: Robin L Bellah

Title: Toxicity of the Water Bodies in the Animas River Valley'

Alexander S Livescu

Los Alamos Middle School

Teacher/Sponsor: Eva Abeyta

Title: The not so weird world of quantum computing: Bits, Qubits, and Really Large Primes'

Lane A Clavel

Roy Municipal School

Teacher/Sponsor: Loretta m Overberger

Title: Heavy Metal on the Rice: Phase II'

Kolton A. Bratzel

Grants High School

Teacher/Sponsor: Shelby Alexander

Title: What Types of Harmful Bacteria are Living Under Your Fingernails?'

Phillip L Ionkov

Los Alamos Middle School
Title: Dark Star'

Teacher/Sponsor: Eva Abeyta

Melia T Krikorian

AIMS@UNM
Title: How Does Light Affect the Growth of a Hydroponic Plant?'

Teacher/Sponsor: Alicia Ruch-Flynn

Isabella J Griego

AIMS@UNM
Title: Can I Build a Motorized Tricycle That Can Benefit Disabled Children'

Teacher/Sponsor: Alicia Ruch-Flynn

Climate Change New Mexico

Presented to the student whose project demonstrated the greatest insight into climate change using the scientific method.

Junior Division**Recognition**

Cash prize and Certification
Team Split

Joseph M Espindola

Prince of Peace Lutheran
Title: Powered by Wind Phase II'

Teacher/Sponsor: Jeanne L Hatok

David K. Shortess Award

Project exhibiting outstanding quality in logic and clarity of presentation.

Junior or Senior Division**Recognition**

Plaque

Ksenia Sevostianov

Sierra Middle School
Title: Play "Spot the difference" to fight cancer'

Teacher/Sponsor: Igor Sevostianov

"Excellence in Geoscience" Award

Geoscience awards will be based on research projects that demonstrate scholarship, creativity, and thoroughness within the broad area of geoscience.

Junior Division**Recognition**

Cash Award and Certificate

Lucia A Santoro-Velez

Jefferson Middle School
Title: The Protective Role of Marshlands in a Storm Surge'

Teacher/Sponsor: Suzy Dunnum

John Harty Award

For the project which makes the best use of readily available materials.

Junior or Senior Division**Recognition**

Plaque

Joseph M Espindola

Prince of Peace Lutheran

Title: Powered by Wind Phase II'

Teacher/Sponsor: Jeanne L Hatok

Theresa G. Johnson Memorial Award

In memory of Theresa G. Johnson, teacher and supporter of NMSEF.

Junior or Senior Division**Recognition**

\$100 Cash Award

Olivia D Cole

Jefferson Middle School

Title: The "Far Out" Spectrum of a Quasar'

Teacher/Sponsor: Suzy Dunnum

NASA Earth System Science Award

Presented to the Student whose project offers the greatest insight into Earth's interconnected systems.

Junior or Senior Division**Recognition**

Certificate

Lucia A Santoro-Velez

Jefferson Middle School

Title: The Protective Role of Marshlands in a Storm Surge'

Teacher/Sponsor: Suzy Dunnum

Olivia D Cole

Jefferson Middle School

Title: The "Far Out" Spectrum of a Quasar'

Teacher/Sponsor: Suzy Dunnum

Taking the Pulse of the Planet Award

Recognized for a research project that emphasizes NOAA related science.

Junior or Senior Division**Recognition**

Letter of Congratulations, Award Certificate, and NOAA medallion

Broc C DuBois

Desert Springs Christian Academy

Title: Keeping the Dust Down'

Teacher/Sponsor: Don Lytton

Naval Science Award Program

Recognition of individual project at the NM Science and Engineering Fair for production and presentation of quality science and engineering projects.

Junior Division**Recognition**

Certificate of Achievement, Letter of Congratulations, and Medallion

Phillip L Ionkov

Los Alamos Middle School

Teacher/Sponsor: Eva Abeyta

Title: Dark Star'

Cloe E Godret - Miertschin

Jefferson Middle School

Teacher/Sponsor: Suzy Dunnum

Title: On the Road to Harvesting Energy'

Alexander S Livescu

Los Alamos Middle School

Teacher/Sponsor: Eva Abeyta

Title: The not so weird world of quantum computing: Bits, Qubits, and Really Large Primes'

Teja A Williams

Laguna Middle School

Teacher/Sponsor: Gladines Harris

Title: Bridges'

New Mexicans for Science and Reason (NMSR)

In recognition of the thought and effort that went into producing a successful project.

Junior or Senior Division**Recognition**

\$200 Cash Award

Team Split if needed

Mattealle R Calhoun

Portales Junior High School

Teacher/Sponsor: Shelly Morgan
Morgan

Title: Nutrition Labels: How Accurate Are They?'

New Mexico Network for Women in Science and Engineering

Given to projects which best match NMNWSE's goal to encourage young women to develop their potential as future leaders in scientific and technical fields.

Junior or Senior Division

Recognition

\$50 Cash Prize, certificate and tote bag with career materials.

Cloe E Godret - Miertschin

Jefferson Middle School

Teacher/Sponsor: Suzy Dunnum

Title: On the Road to Harvesting Energy'

Gianna G Nilvo

Sundance Elementary

Teacher/Sponsor: Heather Cannon

Title: The Digestion of Cat Food'

Ksenia Sevostianov

Sierra Middle School

Teacher/Sponsor: Igor Sevostianov

Title: Play "Spot the difference" to fight cancer'

Isabella J Griego

AIMS@UNM

Teacher/Sponsor: Alicia Ruch-Flynn

Title: Can I Build a Motorized Tricycle That Can Benefit Disabled Children'

Dominique Vigil

Taos Middle School

Teacher/Sponsor: Ella M. Rael

Title: The Impact of Acidic Foods on Eggshells '

Junior or Senior Division

Honorable Mention

Certificate and tote bag with career materials (\$25 value)

Haiven Schoolcraft

Carlsbad Intermediate School

Teacher/Sponsor: Thomas J Langowski

Title: Hydroponics Water vs. Soil'

Alexia H Knittel

Carlsbad Intermediate School

Teacher/Sponsor: Thomas J Langowski

Title: Absorption:Dyeing Fabrics with Kool-Aid'

Cassandra Sanchez

Taos Middle School

Teacher/Sponsor: Ella M. Rael

Title: Fruit Fly Cafe'

GISELLE N SARRACINO

Los Alamitos Middle School

Teacher/Sponsor: Daniela De Santiago

Title: Another Way of Seeing'

Lucia A Santoro-Velez

Jefferson Middle School

Teacher/Sponsor: Suzy Dunnum

Title: The Protective Role of Marshlands in a Storm Surge'

Rose C Osborne

Taos Middle School

Teacher/Sponsor: Ella M. Rael

Title: Bio power'

New Mexico Optometric Association

Projects related to visual, ocular (eyes), optics, color vision, or medical ocular problems.

Junior Division

Honorable Mention

**TEAM: EACH MEMBER RECEIVES Certificate

T# 1 Maya H Clausen

Los Alamos Middle School

Title: Eyewitness Accuracy'

Teacher/Sponsor: Eva Abeyta

T# 2 Katrina E Sanchez

Los Alamos Middle School

Title: Eyewitness Accuracy'

Teacher/Sponsor: Eva Abeyta

T# 3 Grace J Xie

Los Alamos Middle School

Title: Eyewitness Accuracy'

Teacher/Sponsor: Eva Abeyta

Honorable Mention

Certificates

Nathan L Porter

Jose Barrios Elementary

Title: The Color of Life'

Teacher/Sponsor: Lynn Lane

Third Place

Cash Prize and Certificate

Analicia D Hernandez

Carlsbad 6th Grade Academy

Title: Do You Hear What You See?'

Teacher/Sponsor: Rebecca L Hicks

Second Place

Cash Prize and Certificate

Iman N Aggad

Salam Academy

Title: "Sight or Audio:who will win?'"

Teacher/Sponsor: Aamna Nayyar

First Place

Cash Prize and Certificate

GISELLE N SARRACINO

Los Alamitos Middle School

Title: Another Way of Seeing'

Teacher/Sponsor: Daniela De Santiago

New Mexico Solar Energy Association

Outstanding projects in solar energy, renewable energy or sustainable living.

Junior Division

Third Place

\$35 Cash Award

McKenzie L. Fleehart

Carlsbad 6th Grade Academy

Title: Make the Wind Work for You'

Teacher/Sponsor: Amy K Hollis

Dominic J Serrano

Santo Nino Regional Catholic School

Title: Insulation 101'

Teacher/Sponsor: DiAnna Ruiz

Second Place

\$50 Cash Award

Eleanor M Hynson

AIMS@UNM

Title: Solar Distillation'

Teacher/Sponsor: Beverly Miller

First Place

\$75 Cash Award

Joseph M Espindola

Prince of Peace Lutheran

Title: Powered by Wind Phase II'

Teacher/Sponsor: Jeanne L Hatok

RealD Perfecting the Visual Image Award

There will be one award for each division (jr & Sr) Awards go to the projects the RealD judge represent the most interesting optical, human visual, or technology for entertainment project.

Junior Division

Recognition

Gift Card

Alexia L Munson

Milan Elementary School

Title: Breaking Telescopes'

Teacher/Sponsor: Kandas Gonzales

Ricoh Sustainable Development Award

Presented to the student whose research has demonstrated the Principles and Technical Innovations that offer the greatest potential for Sustainable Development.

Junior or Senior Division

Recognition

Certificate

Lindsey J Dunbar

Jefferson Middle School

Title: Using Algae to Reduce Solar Heat Gain in Buildings'

Teacher/Sponsor: Sherie Pennebaker

Junior Category: Animal SciencesTop of Category

Junior Division

Honorable Mention

Ribbon and Certificate

Hayden Navarrette

Carlsbad 6th Grade Academy

Teacher/Sponsor: Amy K Hollis

Title: Which Bait Is Best?'

Lily P Macfarlane

Melrose Elementary school

Teacher/Sponsor: Kendra Lewis

Title: Do Peanuts Help Chickens Lay Bigger Eggs? Eggcellent Eggs '

Third Place

Medal and Certificate

Kaitlin F Sutberry

Penasco Middle School

Teacher/Sponsor: Valerie T Esquibel

Title: Put Your Paws Up'

Second Place

Medal and Certificate

Trey L Jones

Hermosa Middle School

Teacher/Sponsor: Cindy Colomb

Title: The Effects of Ultraviolet Irradiation on Regenerating Planarians'

First Place

\$50 Cash Award, Medal, Certificate

Gianna G Nilvo

Sundance Elementary

Teacher/Sponsor: Heather Cannon

Title: The Digestion of Cat Food'

Junior Category: Behavioral and Social SciencesTop of Category

Junior Division

Honorable Mention

Certificate and Ribbon

Nathan M Hobbs

Los Alamitos Middle School

Teacher/Sponsor: Daniela De Santiago

Title: Placebo Effect and the Middle School Brain'

Francesca G Benavidez

AIMS@UNM

Teacher/Sponsor: Beverly Miller

Title: The People Behind Bumper Stickers'

Nathan C Hoxworth

Desert Springs Christian Academy

Teacher/Sponsor: Don Lytton

Title: The Science Behind Where's Waldo'

Third Place

Medal and certificate

Kate A McDaniel

Tibbetts Middle School

Teacher/Sponsor: Cindy Lanier

Title: What's the Tempo?'

Second Place

Medal and certificate

Sofia G Chavez

Jefferson Middle School

Teacher/Sponsor: Suzy Dunnum

Title: An Honest Placebo'

First Place

\$50 Cash Award, medal, and certificate

Adam J Homs

Sierra Middle School

Teacher/Sponsor: Rana Mreiwed

Title: Using Sentiment Analysis To Assess Depression Amongst The Elderly'

Junior Category: ChemistryTop of Category

Junior Division

Honorable Mention

Certificate and Ribbon

Aditya K Koushik

AIMS@UNM

Teacher/Sponsor: Beverly Miller

Title: Which light source makes electrons excited for longer in phosphorescence?'

Selia I Lozoya

Albq. Institute for Math and Science

Teacher/Sponsor: Alicia Ruch-Flynn

Title: How Does Metal Withstand Different Levels of Acid Rain When Coated in Metal Primer?'

Harrison C Coe

Barranca Mesa Elementary

Teacher/Sponsor: Audrey Juliani

Title: Molecular Gastronomy: The Chemistry of Making Edible Spheres'

Third Place

Medal and Certificate

Mattealle R Calhoun

Portales Junior High School

Teacher/Sponsor: Shelly Morgan
Morgan

Title: Nutrition Labels: How Accurate Are They?'

Second Place

Medal and certificate

Isaac Z Huber

Eisenhower Middle School

Teacher/Sponsor: Ashley Daniels

Title: Using a Homemade Colorimeter to Determine the Fluoride Concentration from Various Water Sources'

First Place

\$50 Cash Prize, Medal and Certificate

Ksenia Sevostianov

Sierra Middle School

Teacher/Sponsor: Igor Sevostianov

Title: Play "Spot the difference" to fight cancer'

Junior Category: Computer ScienceTop of Category

Junior Division

Third Place

Medal and Certificate

Maxwell K Steingreaber

Annunciation Catholic School

Title: WiFi Problems?'

Teacher/Sponsor: Chris Spurlin

Second Place

Medal and Certificate

samuel sz zhong

St. Teresa of Avila School

Title: go fish'

Teacher/Sponsor: Maria Mirabal

First Place****TEAM: MEMBERS SPLIT \$50 Cash Prize, Medal and Certificate****T# 1 Andres V Chappa**

Carlsbad Intermediate School

Title: Motion in V.R.'

Teacher/Sponsor: Leah K Olivas

T# 2 David Maley

Carlsbad Intermediate School

Title: Motion in V.R.'

Teacher/Sponsor: Leah K Olivas

Junior Category: Earth Sciences

Top of Category

Junior Division

Honorable Mention

Certificate and Ribbon

Caitlyn M Birkby

Mesa View Middle School

Title: Emerging H2O from the Desert'

Teacher/Sponsor: Lacey Fitzgerald

Third Place

Certificate and Medal

Samuel E Hagele

Academy Technology Classics

Title: The Accuracy of Viking Compasses'

Teacher/Sponsor: Lori Brown

Second Place

Certificate and Medal

Veronica S Parra

Mountain Elementary

Title: Locating the Epicenter for the 2017 Central Mexico Earthquake'

Teacher/Sponsor: Eva Abeyta

First Place

\$50 Cash Prize

Natasha R Colon

Media Arts Collaborative Charter School

Title: Sifting the Paleocene'

Teacher/Sponsor: Vary E Coates

Junior Category: Energy and Transportation

Top of Category

Junior Division

Third Place

Certificate and Medal

Dominic J Serrano

Santo Nino Regional Catholic School

Title: Insulation 101'

Teacher/Sponsor: DiAnna Ruiz

Second Place

Certificate and Medal

Joseph M Espindola

Prince of Peace Lutheran

Title: Powered by Wind Phase II'

Teacher/Sponsor: Jeanne L Hatok

First Place

\$50 Cash Award, Medal and Certificate

Isabella J Griego

AIMS@UNM

Title: Can I Build a Motorized Tricycle That Can Benefit Disabled Children'

Teacher/Sponsor: Alicia Ruch-Flynn

Junior Category: EngineeringTop of Category

Junior Division

Honorable Mention

Certificate and Ribbon

Oliver M Reuben

Jefferson Middle School

Teacher/Sponsor: Suzy Dunnum

Title: Testing Shear Stress and Jaw Deflection of Three Different Adhesives'

Teja A Williams

Laguna Middle School

Teacher/Sponsor: Gladines Harris

Title: Bridges'

GISELLE N SARRACINO

Los Alamitos Middle School

Teacher/Sponsor: Daniela De Santiago

Title: Another Way of Seeing'

Third Place

Medal and Certificate

Cole C Lill

Jefferson Middle School

Teacher/Sponsor: Sherie Pennebaker

Title: Tensile Strength of 3D Printed Parts'

Second Place

Medal and Certificate

Robert R Strauss

Los Alamos Middle School

Teacher/Sponsor: Eva Abeyta

Title: Dry Liquid Sand: Buoyancy in a Fluidized Bed'

First Place

\$50 Cash Award, Medal and Certificate

Milidu N Jayaweera

Albq. Institute for Math and Science

Teacher/Sponsor: Alicia Ruch-Flynn

Title: Designing a Cognitive Anti-Jamming Communication System with Machine Learning and Reconfig Antennae'

Junior Category: Environmental SciencesTop of Category

Junior Division

Honorable Mention

Certificate and Ribbon

Lucia A Santoro-Velez

Jefferson Middle School

Teacher/Sponsor: Suzy Dunnum

Title: The Protective Role of Marshlands in a Storm Surge'

Lindsey J Dunbar

Jefferson Middle School

Teacher/Sponsor: Sherie Pennebaker

Title: Using Algae to Reduce Solar Heat Gain in Buildings'

Third Place

Medal and Certificate

Larry L Meador

Milan Elementary School

Teacher/Sponsor: Kandas Gonzales

Title: cleaning up oil spills'

Second Place

Medal and Certificate

Broc C DuBois

Desert Springs Christian Academy

Teacher/Sponsor: Don Lytton

Title: Keeping the Dust Down'

First Place

\$50 Cash Award, Medal, and Certificate

Evan R Tweedie

Heights Middle School

Teacher/Sponsor: Robin L Bellah

Title: Toxicity of the Water Bodies in the Animas River Valley'

Junior Category: Mathematical SciencesTop of Category

Junior Division

Third Place

Medal and Certificate

Reuben W Goettee

Los Alamos Middle School

Teacher/Sponsor: Eva Abeyta

Title: Bet You Can't Hit Me The Science of Catapult Statistics'

Second Place

Medal and Certificate

Weston G Keller

Desert Academy at Santa Fe

Teacher/Sponsor: William Neuwirth

Title: The Musical Equation'

First Place

\$50 Cash Award, Medal, and Certificate

Alexander S Livescu

Los Alamos Middle School

Teacher/Sponsor: Eva Abeyta

Title: The not so weird world of quantum computing: Bits, Qubits, and Really Large Primes'

Junior Category: Medicine & Health SciencesTop of Category

Junior Division

Honorable Mention

Ribbon and Certificate

Hana _ Walter

Tse'Bit'ai Middle School

Teacher/Sponsor: Amy J John

Title: The Best Method to Bleach Dark Hair Using Pravanna'

Magdalene R Sanchez

Magdalena

Teacher/Sponsor: Amanda Allen

Title: Glucose in Common Foods '

Third Place

Medal and Certificate

Joshua C Cardenas

Hope Christian School

Teacher/Sponsor: Kathy Parfet

Title: Rethink Your Drink'

Second Place

Medal and Certificate

Gwendolyn Z Tull

Hermosa Middle School

Teacher/Sponsor: Cindy Colomb

Title: Take Away an Ingredient'

First Place

\$50 Cash Award, Medal, and Certificate

Lane A Clavel

Roy Municipal School

Teacher/Sponsor: Loretta m Overberger

Title: Heavy Metal on the Rice: Phase II'

Junior Category: MicrobiologyTop of Category

Junior Division

Honorable Mention

Ribbon and Certificate

Marielle N Gomez

Taos Charter School

Title: Medicinal Halo'

Teacher/Sponsor: Sally A Greywolf

Maximus C Posada

Barranca Mesa Elementary

Title: Eggs with a side of Bacteria?'

Teacher/Sponsor: Audrey Juliani

Third Place

Medal and Certificate

Jocelyn J Gutierrez

Taos Middle School

Title: Clean Bud'

Teacher/Sponsor: Ella M. Rael

Second Place

Medal and Certificate

Olivia S Raymond

Media Arts Collaborative Charter School

Title: Biological Soil Crust'

Teacher/Sponsor: Vary E Coates

First Place

\$50 Cash Award, Medal and Certificate

Kolton A. Bratzel

Grants High School

Title: What Types of Harmful Bacteria are Living Under Your Fingernails?'

Teacher/Sponsor: Shelby Alexander

Junior Category: Physics and AstronomyTop of Category

Junior Division

Honorable Mention

Ribbon and Certificate

Cloe E Godret - Miertschin

Jefferson Middle School

Title: On the Road to Harvesting Energy'

Teacher/Sponsor: Suzy Dunnum

Mark M Perini

Carlsbad Intermediate School

Title: The Perfect Shot'

Teacher/Sponsor: Leah K Olivas

Liam M Thomas

AIMS@UNM

Title: Which Athletic Cup is the Most Affective'

Teacher/Sponsor: Alicia Ruch-Flynn

Third Place

Medal and Certificate

Alexia L Munson

Milan Elementary School

Title: Breaking Telescopes'

Teacher/Sponsor: Kandas Gonzales

Second Place

Medal and Certificate

Olivia D Cole

Jefferson Middle School

Title: The "Far Out" Spectrum of a Quasar'

Teacher/Sponsor: Suzy Dunnum

First Place

\$50 Cash Award, Medal and Certificate

Phillip L Ionkov

Los Alamos Middle School

Title: Dark Star'

Teacher/Sponsor: Eva Abeyta

Junior Category: Plant SciencesTop of Category

Junior Division

Honorable Mention

Ribbon and Certificate

Selma R Baca

Roy Municipal School

Title: Plant Enhancement with a Zap'

Teacher/Sponsor: Loretta m Overberger

Jalie L Meadors

Carlsbad Intermediate School

Title: Pollination Study'

Teacher/Sponsor: Thomas J Langowski

Third Place

Medal and Certificate

Henry P Dryden

Jefferson Middle School

Title: The Phenology of Native Southwestern Plants'

Teacher/Sponsor: Sherie Pennebaker

Second Place

Medal and Certificate

Nathan L Porter

Jose Barrios Elementary

Title: The Color of Life'

Teacher/Sponsor: Lynn Lane

First Place

\$50 Cash Award, Medal and Certificate

Melia T Krikorian

AIMS@UNM

Title: How Does Light Affect the Growth of a Hydroponic Plant?'

Teacher/Sponsor: Alicia Ruch-Flynn

Junior Division, Life Sciences Grand Award

Highest award given by New Mexico Science and Engineering Fair to a project in the Junior Division in the field of Life Sciences.

Junior Division

Excellence

Graphing Calculator, \$100 Cash Award, and subscription to Science News

Gianna G Nilvo

Sundance Elementary

Title: The Digestion of Cat Food'

Teacher/Sponsor: Heather Cannon

Junior Division Physical Sciences Grand Award

Highest award given by New Mexico Science and Engineering Fair to a project in the Junior Division in the field of Physical Sciences.

Junior Division

Excellence

Graphing Calculator, \$100 Cash Award, and subscription to Science News

Milidu N Jayaweera

Albq. Institute for Math and Science

Teacher/Sponsor: Alicia Ruch-Flynn

Title: Designing a Cognitive Anti-Jamming Communication System with Machine Learning and Reconfig Antennae'