

# First Place

**Team: 28 Los Alamos High**

**Title: A Novel Computational Tool to Inform  
Cost-Effective Nutrition Interventions in Sub-  
Saharan Africa**

**Team Members: Lillian Petersen, Garyk Brixi**

**Mentor: Mark Petersen**



# Second Place

**Team: 97 Los Alamos High**

**Title: Computer Simulation as a Tool for Risk Assessment of Coastal Areas**

**Team Members: Robert Strauss, Logan Dare**

**Mentor: Mark Petersen**



# Tie for Third Place

**Team: 30 Los Alamos High**

**Title: Data-Based Approach to Estimating Ice-Shelf Melt Rates**

**Team Members: Christie Djidjev**

**Mentor: Mark Petersen**



# Tie for Third Place

**Team: 4 Albuquerque High**

**Title: Traffic Model**

**Team Members: Rishi Yang**

**Sponsor: Joan Newsom**



# Cray High Performance Computing Award



<b>Team</b>	<b>97 Los Alamos High</b>
<b>Title</b>	<b>Computer Simulation as a Tool for Risk Assessment of Coastal Areas</b>
<b>Team Members</b>	<b>Robert Strauss &amp; Logan Dare</b>
<b>Sponsor/Mentor</b>	<b>Charles Strauss</b>



# Professional Presentation

Team: 28 Los Alamos High

Title: A Novel Computational Tool to Inform  
Cost-Effective Nutrition Interventions in Sub-Saharan Africa

Team Members: Lillian Petersen, Garyk Brixi

Mentor: Mark Petersen



# Technical Writing Award

**Team: 28 Los Alamos High**

**Title: A Novel Computational Tool to Inform  
Cost-Effective Nutrition Interventions in Sub-  
Saharan Africa**

**Team Members: Lillian Petersen, Garyk Brixi**

**Mentor: Mark Petersen**



# Newcomer Award

**Team: 74 Sarracino Middle School**

**Title: Cellular Automata**

**Team Members:**

**Sky Sessions, Angelica Jaquez, Elena Prieto**

**Sponsor: Teresa Apodaca, Lauri Capps**



# Community Impact Award

Team: 10 Multi Schools-Cleveland Middle School/Cottonwood Classical Charter

Title: Albuquerque Fire Department Wait Times

Team Members: Ayvree Urrea,  
Kiara Onomoto

Sponsor: Karen Glennon



# Magellan Award



**Team: 85**

**Technology Leadership High School**

**Title: Learning about NUCS**

**Team Members:**

**Reyanna Gutierrez-Fromme**

**Mentor: Drew Einhorn**

# Crowd Favorite



**Team: 81 Socorro High**

**Title: Mangrove Madness**

**Team Members:**

**Elias Zheng, Cody Johnston, Rio Sessions**

**Sponsor: Jay Garcia**



# Agent-based Model using NetLogo Award

Team: 87 Media Arts Charter School

Title: Finding the Battleships

Team Members: Seungbin Chung

Sponsor: Creighton Edington



# Environmental Modeling Award

**Team: 59 New Mexico Tech**

**Upward Bound Math & Science**

**Title: The Mission of Plastic**

**Decomposition: Fungi Edition**

**Team Members: Seth Griffen, Jeremy  
Lawrence, Danny Luong, Torrey Luong**

**Sponsor: Karen Glennon, Kurtis Griess**



# Web Presentation of Final Report Award



**Team** 81 Socorro High

**Title** Mangrove Madness

**Team Members** Elias Zheng, Cody Johnston,

**Rio Sessions**

**Sponsor**

Jay Garcia

# **Congressman Ben Ray Lujan's Middle School Award**

**Team: Sarracino Middle School 75**

**Title: Angry Boards**

**Team Members:**

**Elizabeth Moellenbrock,**

**Andrew Moellenbrock**

**Sponsor: Teresa Apodaca, Lauri Capps**



# Human – Computer Interaction



**Team: 80 Shiprock High**

**Title: Campus Alert System**

**Team Members: Adam Pettigrew, Mya Harvey,  
Shi'son Tsosie, Lawrence Kee, Destiny Domingo**

**Sponsor: Natalie Johnston**





# NMTIE Research Award

NMTIE

Furthering Education through  
Technology

**Team: 20 Jackson Middle School**

**Title: Glioblastoma**

**Team Members: Israel Chirino, Santiago Herrera**

**Sponsor: Sharee Lunsford**



# NMTIE Teamwork Award

**Team: 45 House High**

**Title: Turtles vs. Pollution**

**Team Members: Alexis Smith, Evelyn Garrett,  
Gracie Sanchez, Laci Meadors, Madison Garrett**

**Sponsor: Alan Daugherty**



# Creativity and Innovation Award



**Team: 46 Melrose High**

**Title: Till the Cows Come Home**

**Team Members: Hunter Hollaway, Rilee Priest**

**Sponsor: Alan Daugherty**



# Technical Poster Award



**Team: 12 Multi Schools-Eldorado High  
/NexGen**

**Title: Human Intelligence vs Machine Logic**

**Team Members: Brendan Kuncel, Quentin  
Dye, Savannah Phelps**

**Sponsor: Karen Glennon**



# Graphical Poster Award

**Team: 82 Taos High**

**Title: Moving Water**

**Team Members:**

**Jenay Barela, Eben Bellas, Kineo Memmer**

**Sponsor: Tracy Galligan**



# New Mexico Network for Women in Science and Engineering



**Team: 49 Melrose Middle**

**Title: Mustangs of America**

**Team Members: Lily Macfarlane, Lilly Gallagher**

**Sponsor: Alan Daugherty**

# Science Rocks Award



**Team: 1 Academy For Tech & Classics**

**Title: Detecting Developmental Delays**

**Team Members: Etta Pope, Shyla Sharma, Odin Frostad**

**Sponsor: Jenifer Hooten**



# Judge's Special Award: New Frontiers

**Team: 1006 Taos High**

**Title: Stem Cell Therapy**

**Team Members:**

**Delaney Galligan, Kyle Totman, Cyrus O' Hern**

**Sponsor: Tracy Galligan**





# Judge's Special Award: Medical Aid

**Team: 83 Taos High**

**Title: Doctors Assistant Program**

**Team Members: Sawyer Solfest, Henry Tosta,  
Skylar Spriggs, J Ryan Cox**

**Sponsor: Tracy Galligan**



# Judge's Special Award: Earth Sciences

**Team: 32 Los Alamos Middle School**

**Title: What is the Radius of the Earth's Core?**

**Team Members: Veronica Sofia Parra**

**Mentor: Mark Petersen**



# Judges Special Award: Food of the Future

**Team: 1001 Los Lunas High**

**Title: Ready Set Grow!**

**Team Members: Delsin Jaramillo**

**Sponsor: Anne Loveless**



# Judge's Special Award: Advancing Frontiers in Supercomputing

Team 29 Los Alamos High

Title: Using QAOA to Solve NP-Hard Problems on  
NISQ Computers

Team Members: Elijah Pelofski



# Judge's Special Award: Water Under Pressure

Team: 82 Taos High

Title: Moving Water

Team Members:

Jenay Barela, Eben Bellas, Kineo Memmer

Sponsor: Tracy Galligan

