First Place

Team School
NM School for the Arts

Team Members
Rowan Jansens, Madelyn Kingston, Maya Landess, Grandon Morrison

Teacher Sponsor
Mohit Dubey

Mentor
Stephen Guerin

59, Modeling Forest Fire Risks in NM
Second Place

20, Activity-By-Contact Model to Predict Enhancer-Gene Connections: A Tool to Increase our Understanding of Cancer

School
Los Alamos High

Team Member
Lillian Petersen

Mentor
Graham McVicker
Third Place

Team
66, Project CO-OP

School
Socorro High

Team Members
Cody Johnston, Elias Zheng, Lucas Ward, Rio Sessions

Teacher Sponsor
Jay Garcia
I Took the Challenge!
Returning School

New Mexico Military Institute

Yoo Younggun  Ryan Lee  Nguyen Long  Khoa Do  Jaejoon Lee

Team 58
Newcomer Award

Team 17, Encouraging Anti-Diabetic Lifestyles in NM Communities

School Grady High

Team Members Alexis Brandsma, Erynn Vetterly, Tristen Pool

Teacher Sponsor Leah Lee

Mentor Alan Daugherty
Magellan Award

Teams 1008, 1010, 1020
School Gadsden Mid School
Members Melody Pantoja, Yakov Esparza, Manuel Lopez, Carlos Villegas, Jesus Baca, Haleigh Garcia
Teacher Sponsor Danielle McFarland
Professional Presentation

Team School
59, Modeling Forest Fire Risks In NM
NM School for the Arts

Team Members
Rowan Jansens, Madelyn Kingston, Maya Landess, Brandon Morrison

Teacher Sponsor
Mohit Dubey

Mentor
Stephen Guerin
Agent-based Model using NetLogo Award

Team 17, Encouraging Anti Diabetic Lifestyles in NM Communities

School Grady High

Team Members Alexis Brandsma, Erynn Vetterly, Tristen Pool

Teacher Sponsor Leah Lee
LANL Environmental Modeling Award

Team 1016, Wildfire Spread
School Monte Del Sol
Team Members Nefi Guevara, Hebert Soto, Maximillian Montoya, Shayla Anthony
Teacher Sponsor Rhonda Crespo
Senator Udall’s Climate Change Challenge Award

Team: 58, Deforestation Simulation Project
School: NM Military Institute
Team Members: Yoo Younggun, Jaejoon Lee, Nguyen Long, Ryan Lee, Khoa Do
Teacher Sponsor: Mark Stone
Mentor: Elizabeth Kallman, Chris Brown
Technical Writing Award

Team

20, Activity-by-Contact Model to Predict Enhancer-Gene Connections: A Tool to Increase our Understanding of Cancer

School
Los Alamos High

Team Member
Lillian Petersen

Mentor
Graham McVicker
Community Impact Award

Team 56, Albuquerque Fire Department Wait Times
School Cottonwood Classical/Del Norte
Team Members Ayvree Urrea, Kiara Onomoto
Teacher Sponsor Karen Glennon
Innovation in Programming Award

Team 1003, Automatic Differentiation and AI Applied to Computational Physics

School Los Alamos High

Team Member Robert Strauss
Web Presentation of Final Report Award

Team 66, Project CO-OP
School Socorro High
Team Members Cody Johnston, Elias Zheng, Lucas Ward, Rio Sessions
Teacher Sponsor Jay Garcia
Middle School Award

Team School

Team Members

Mentors

21, How to Win Monopoly
Los Alamos Middle
Asher Koh, Hyunoo Kim

Aik-Siong Koh & S. Jun Kim
Teacher Appreciation Award

Recipient
Tracie Mikesell
Mesilla Valley Leadership Academy
NMTIE Research Award

NMTIE
Furthering Education through Technology

Team 13, Gun Block: Detecting Guns in Video Stream Using Machine Learning

School Capital High

Team Members Edwardo Pena, German Rojo, Oscar Sandoval Torres

Teacher Sponsor Barbara Teterycz, Irina Cislaru

Mentor David Gunter
NMTIE Teamwork Award

NMTIE
Furthering Education through Technology

Team
16, It’s Raining Seeds. Hallelujah!

School
Eldorado High

Team Members
Brendan Kuncel, Savannah Phelps

Teacher Sponsor
Karen Glennon

Mentor
Patty Meyer
Science Rocks

Team
School
Team Members
Teacher Sponsor

22, Fuel for Our Future
Los Lunas High
Delsin Jaramillo, Edwin Fernandez (not pictured)
Anne Loveless
Creativity and Innovation Award

Team School
Melrose Middle

Team Members
51, Deep Space Travel
Heidi Macfarlane,
Levi Garrett (not pictured)

Teacher Sponsor
Alan Daugherty
New Mexico Network for Women in Science and Engineering

Team

25, Internet of Things Security: How to Keep IoT Devices Secure at Home

School

Eldorado/Manzano High

Team Members

Nancy Avila, Gwenevere Caouette, Priscila Flores, Kyreen White

Teacher Sponsors

Sharee Lunsford, Karen Glennon

Mentor

Patty Meyer
Judges’ Special Award
Artificial Intelligence in Medicine

Team 1017, Visual Detection of Melanoma with A.I.

School Los Alamos Middle

Team Members Andrew Morgan, Harry McKigney (Not Pictured)

Mentors Ed McKigney, Nathaniel Morgan
Judges’ Special Award
Ecological Engineers

Team 28, Avian Oasis Creating Water for Endangered Birds
School Media Arts Charter School
Team Member Colbie Boyd
Teacher Sponsor Creighton Edington
Judges’ Special Award
Pioneering in Neural Networks

15, Giving Signatures a Purpose
Desert Academy

Team Members
Jonatan Kaare-Rasmussen, Ethan Garcia

Teacher Sponsor
Steff Eiter

Mentor
Chris Zappe
Judges’ Special Award
Medical Imaging for Research

Team 1005, Comparing Sparse and Dense Neural Network Using A.I. to Detect Cancer

School Los Alamos High

Team Member Charles Strauss

Mentor Garrett T. Kenyon
Human Computer Interaction
Sponsored by
Stephen Guerin, SimTable

Team School
Eldorado High

Team Members
Brendan Kuncel, Savannah Phelps

Teacher Sponsor
Karen Glennon

Mentor
Patty Meyer
<table>
<thead>
<tr>
<th>Scholarship Recipients</th>
<th>University</th>
<th>High School</th>
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</thead>
<tbody>
<tr>
<td>Brendan Kuncel</td>
<td>New Mexico Tech</td>
<td>Eldorado HS</td>
</tr>
<tr>
<td>Maximillian Montoya</td>
<td>New Mexico Tech</td>
<td>Monte Del Sol</td>
</tr>
<tr>
<td>Nefi Guevera Perez</td>
<td>New Mexico Tech</td>
<td>Monte Del Sol</td>
</tr>
<tr>
<td>Lillian Petersen</td>
<td>Harvard University</td>
<td>Los Alamos HS</td>
</tr>
<tr>
<td>German Rojo</td>
<td>University of Denver</td>
<td>Capital HS</td>
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<tr>
<td>Scholarship Recipients</td>
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<tr>
<td><strong>Gracie Sanchez</strong></td>
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<td><strong>University</strong></td>
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<td><strong>High School</strong></td>
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<tr>
<td>Melrose HS</td>
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</tbody>
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| **Charles Strauss**    |
| **University**         |
| Co. School of Mines    |
| **High School**        |
| Los Alamos HS          |

| **Oscar Torres**       |
| **University**         |
| NMSU                   |
| **High School**        |
| Capital HS             |

| **Jerrel White**       |
| **University**         |
| CNM                    |
| **High School**        |
| Manzano HS             |