

# Award Ceremony

Miller Library Lobby: 12:00

Master of Ceremonies

*Benjamin J. Cline*

Keynote Speaker

*David Maxwell,  
CEO of Engineers Inc.*

Writing Contest Award Winners

*Kate Cumbre and Heather Steinman*

Presenting Awards to

*Sarah Anderson, Marissa Aguirre,  
Prudence Calabrese, & Miguel Gutierrez*

Presentation of Certificates

Conference Sponsors

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Miller Library

<http://www.wnmu.edu/symposium>

Steering Committee

*Michael Acosta; Laura Adcock; Sherry Bassi; Mary Billings; Benjamin Cline; Wen-chi Chen; Brittany Chiapetti; Po Chu; Scott Fritz; Mayilynn Grijalva; Magdaleno Manzanarez; Cindy Medrano; Vivian Myers; Miguel Narvaez; Katherine Cumbre; Gilda Baeza-Ortega; Felipe de Ortega y Gasca; Adele Springer; Jason Stahlhut; Heather Steinman; Trini Tolav; Vanessa Stroman; Kathleen Whiteman*

# 11<sup>th</sup> Annual Academic and Research Symposium & Career Fair Program



The excellence of WNMU is found in you!

May 3<sup>rd</sup>, 2016  
Miller Library  
9:00

Master of Ceremonies

*Brittany Chiapetti*

Morning Keynote Speaker

*Lawrence Garcia  
Outgoing Student President*

Career Fair

SMB Mall

Presentations

9:30-11:45

Award Ceremony

12:00

Miller Library Lobby

## Oral Presentations

### SMB Meeting Room

9:30-9:45	<i>Proprietary software versus Off-the-shelf software</i> Pichay Aditipun
9:45-10:00	<i>Aphasia</i> Breanna Aker
10:00-10:15	<i>Microhabitat Preference of Orconetes virilis</i> Brittany Chiapetti, Daniel Cones, & Amanda McGinnis
10:15-10:30	<i>Challenges of Feeding America</i> Makhtar Fall & Adam Kesler
10:30-10:45	<i>HRC Time to Thrive</i> Jaselynn Emery, Theresa Caldwell, Amy Wagner, AsiaMarie Garcia, Grecia Rivas, Jose Ramirez, Maria Montanez, Miguel Gutierrez, Myisha Coston
10:45-11:00	<i>Let's Save the Paws</i> Samantha Garcia, Dominic Barry, & Juwan Sumpter
11:00-11:15	<i>Fan-fiction The Mr. Hyde of The Literary World</i> Mary Lucero, Marissa Aguirre, Marivel Medel, Felicia Flores
11:15-11:30	<i>Art and Nature</i> Javier Marrufo, Maria Almanza, Charlene Mitchell, Dayana Baez
11:30-11:45	<i>Gospel Mission Drive</i> Shannon Rich, Kayla Gonzalez, Annette Perez, Sammy Lopez

### Bach Room

9:30-9:45	<i>Copper Little League Project</i> Randall Schylar, Elias Gallegos, Sammy Lopez, Andy Gomez
9:45-10:00	<i>AAUW Going to Washington D.C.</i> Jill Smith
10:00-10:15	<i>3D Printing</i> Kyler Severe
10:15-10:30	<i>Helping Those Who Help Others!</i> Nikki Vasquez, Shelby Turner, John Perkins, Marissa Bryant, Aujanae Gomez, & Casey Landes
10:30-10:45	<i>McKinney Vento Assistance</i> Azucena Vargas, Veronica Franco, Miguel Sotelo, Ivan Franco, Shanon Johnson-Davis, & Joseph Clary

## Oral Presentations

### SMB Seminar Room

9:30-9:45	<i>Volunteer work for the Gospel Mission</i> Brittany Jauriqui-Andrade, Alejandro Morales, Sinjin-Tomas Gordillo, Ashley Mataele, Javia Hall
9:45-10:00	<i>Bridge Community Project</i> Leyla Coba, Nathaniel Gomez, Jesus Valdez, Jazmine Flores, Angelica Erives, Tiva Andrews
10:00-10:15	<i>Food Drive for Silver City's Gospel Mission</i> Morgan Mesa, Anthony Maez, Isaac Wenning, Ariana Maldonado, & Heather Molleur
10:15-10:30	<i>Goodies for Pets</i> Geanna Montoya, Garrett Silvers, Ciarra Garcia, Elisa Bustamante, & Tiana Salazar
10:30-10:45	<i>Supporting the Community through Grant County Senior Olympics</i> Mellissa Rios, Zachary Cisco, & Autumn Hunte
10:45-11:00	<i>One Man's Fire Hazard is Another Man's Warmth</i> Alicia Soliz, Bill Heflin, Breanna DeV Vaughn, Matthew Galvan, & William Latham
11:00-11:15	<i>Let's Can Hunger</i> Siafega Umu, Jordan Enriquez, Jose Ramirez, Wayne Wills, Tariq Myricks, & Imani Mitchell
11:15-11:30	<i>High Desert Humane Society Pet Adoption, Donation of Pet Supplies, and 2016 Earth Day Event</i> David Wellburn, Angelic Hoover, Dystinee Romero, Brandi Alcorta, Carter Aby & Joseph Schaaf
11:30-11:45	<i>Cooperative and Competitive Game: Opposing Communications Climates</i> Claudie Thompson, Marivel Medel, & Henry Norman

## Media Presentations

- Visual Expressions of Math Concepts*  
Peter Bill, Sean Bryan, Victoria Contor, Sam Farr, Annabella Gomez, Brandon Jones, Katarina Quarrell, Marina Ramirez, Gerardo Zizumbo, Dillon Trumbo, Marissa Castro, Daniel Myers, Antonio D. Jacquez, Athena Garcia, Gabriel Atencio, & Maceo Jean-Pierre
- Drone Safety*  
Christopher Theulen
- Earth Day*  
John Thrasher, Isaih Reynolds, Amanda McGinnis, & Kelsie Bailey

## Poster Presentations

1. *Adaptive Bag Holder*  
Holly Adams
2. *Introduction of the Cut and Catch*  
Jessica Arndt
3. *Association ACTN3 genotype and enzymatic activity of CK and LDH with anaerobic capacity in physically activity subjects*  
Jaime Arvozuo
4. *Carbon structures and formation of nanocomposites*  
Adriana Gomez Barraza
5. *Play Therapy*  
Doris Berberic & Aretha Amundson
6. *Presenting the daily fluctuations of stock market prices of gold*  
John Briggs
7. *Chronic Pain*  
Melissa Bustamante
8. *Designing of a station to evaluate the elderly's functional capacity for scientific trials*  
Nora Bustamante
9. *Renewable Energy*  
Heath M Carroll
10. *Adaptive Lotion Applier*  
Rebecca Castellanos
11. *Huntington's Disease*  
Julian Cisneros
12. *Normality & Bank Stock*  
Nichole Courtney
13. *Solo Strap*  
Neil Michael Daan
14. *Adaptive Equipment*  
Han Dang
15. *Fetal Alcohol Spectrum Disorders*  
Jessica Dechert
16. *Adapted Fishing Pole*  
Georgiana Dominguez
17. *Guided Decision Making for Undeclared Students*  
Jessica Enriquez , Doris Berberic, Lauren Flowers, Marcus Smith, & Dena Irvin
18. *Chemistry Calculator*  
Kevin Finch, & Kiel Jones
19. *Adaptive Car Cane*  
Lucy Galaz, & Tien Nguyen
20. *My Unit Plan for Student Teaching*  
Crystal Garcia
21. *Epilepsy*  
Andria Gomez

## Poster Presentations

22. *Adapted Wheelchair Fishing Device*  
Sabrina Gomez
23. *Light Bulb Changer*  
Estrella Gonzalez
24. *The effect of tree growth on East and West facing slopes.*  
Cutter Gouker, & Eliot Kittrell
25. *Overweight and Obesity*  
Lacy Granger
26. *Gout*  
Linzy Granger
27. *Sickle Cell Anemia*  
Crystal Hall
28. *Relationships of slope aspect and lizard abundance*  
Matthew Hayes
29. *Adaptive Light switch*  
Blanca Hernandez
30. *Study of the independent and synergistic effect of Spirulina maxima with exercise on general fitness, lipid profile and antioxidant capacity in overweight and obese subjects*  
Marco Hernandez
31. *Congenital heart disease*  
Madeline Herrera
32. *Adaptive Washcloth*  
Jerrald Hines
33. *Bloom Syndrome*  
Tessa Jones
34. *External Factors Model of Mass Murder*  
Andrew Joy
35. *Social Applications of Evolutionary Theory and Group Selection*  
Andrew Joy & Tien Nguyen
36. *Adaptive tongue cleaner*  
Alpana Kirti
37. *Introduction of Modified Paint Brush*  
Jacob Lawrence
38. *The effects of various environments on the symbiotic relationship of fungal endophytes*  
Javier Ledesma
39. *Adapted Pocket for Insulin Pump Users*  
Kyle Legarda
40. *Assistive Shower Organizer*  
Levi Leyba
41. *DiGeorge Syndrome*  
Desere Lopez
42. *Adapted Cheese Slicer*  
Marissa Lopez

## Poster Presentations

43. *Impact of body shape and image on the health of people.*  
Jaime Octavio Lopez Galarza, Leon Gibran Sanchez, & Arnulfo Ramos Jiminez
44. *Oil Stock*  
Kelsey Marks
45. *Fragile X Syndrome*  
Araceli Marquez
46. *Can opener*  
Cindy Marquez
47. *The Effect of Erosional vs. Depositional Flow Areas on Population Patterns of Freemont Cottonwoods*  
Nathan Martin, & Joseph Morales
48. *Ayurvedic Medicine*  
Jamie McKinley
49. *A Visual History of Fort Cummings*  
Marivel Medel
50. *Effects of Sun, Shade and Powerbaits on Fish Abundance*  
Ayrin Meeks
51. *Is there a difference on annual growth of a juniper tree on north vs south facing slopes?*  
Diamond Morrill
52. *Gender Studies on Memory, Personality and Test Grades*  
Samantha Nagel
53. *Pickle ball at Cobre High*  
RaTanya Newsome
54. *To Be Announced*  
Francis Miller
55. *Extraction of Lipids from Chlorella sorokiniana*  
Holly Nummerdor, Lyndsay Ryan, Gregor Hamilton, Bruno Rita, & Brice Sitz
56. *Flexor Tendon Injury*  
Arow Parsons-Pineda
57. *Relationship of Tree Health on the New Bank and the Old Bank of the Gila River*  
Kathryn Placencio, & Derek Duran
58. *Physiologic and biologic acute response to maximal exercise efforts.* Jose Quezada Chacon
59. *Physical-mechanical characterization of prototypes Guiding Sheath catheters based on the statutes established by the FDA for use in cardiovascular interventions*  
Carlos Rodriguez
60. *Study of Cactus Population on Different Altitudes*  
Jose Ramirez, Bruno Rita, & Monica Ruiz
61. *Assessment of body composition and somatotype in college-level judo athletes*  
Brian Eduardo, & Rangel Torres

## Poster Presentations

62. *Developmental delays in children.*  
Oshun Rappa
63. *Braille Plate*  
Miranda Riesgo
64. *Menkes Disease*  
Esperanza Rodriguez
65. *DNA Synthesis with Genome Manipulation to Form Templates*  
Arely Rodriguez-Flores, Katherine Sanchez, Ryan Ruiz, Monica Rubio-Ruiz, Ian Nelson
66. *Adaptive Bottle Opener*  
Alexandria Romero
67. *Abundance of fecal coliform bacteria in stagnant, riffing, and running water in the Gila River.*  
Lyndsay Ryan, Rebecca Jordan, & Elias Varela
68. *A Cross-genus examination of chlorophyll content at varying points in leaves*  
Araceli Saldana, & Kaitlin Gregory
69. *Easy Wear Shoe*  
Lee Sam
70. *Modified Checkerboard*  
Emma Sanders
71. *Turbidity Measurements of Bacterial Cultures Using UV-Vis Spectrophotometry to Determine Growth Rates*  
Joseph Silva
72. *Adapted Walker*  
Davina Simmons
73. *Scoliosis*  
Julia Speir
74. *Clubbed feet*  
Shiloh Stailey
75. *Dwarfism*  
Andrew Strong
76. *Biochemistry Research*  
John Tarjan, Tara Whittle, Kevin Finch, John Briggs, & Kiel Jones
77. *Adapted Hair Brush*  
Kayla Tielking
78. *Safety Bracelete & Adaptive Tool*  
Nicole Trevino
79. *Physical activity during recess in children of different grade and socioeconomic status, in Ciudad Juarez.*  
Uriel Zuniga
80. *The life of Gays in America*  
Sky Klaus