List of Primary Presenters & Titles

Posters and Exhibits by number:

1. **Investigation of the antimicrobial activity of Native Medicinal Plant Nyssa Sylvatica var. Biflora against commensal human microflora.** Uvina Allen
2. **Understanding the interaction of vegetation, soil, and ant communities** La-Teisha Allen
3. **Uncovering the Lumber River’s Microbial Diversity** Cassandra Barlogio
4. **Personality Profiling in Eastern Box Turtles** Maria Chavez
5. **Cellular Pathway Modulations by Potential Alzheimer’s Disease Therapeutics** Ayanna Edwards
6. **Comparing Home Ranges of the Eastern Box Turtle** Amy Kish
7. **Dissecting the synthetic lethality between htz1Δ and RPB2-2SL: an analysis of a second site suppressor** Cora Bright
8. **Antimicrobial Effects of St. John the Worker Plant Based Native American Tea** Cheyenne Lee
9. **Scoliosis: A Silent Medical Condition** Julienne Lim
10. **Searching for new antibiotics in the soils of southeastern North Carolina** Brenna Sifford
11. “Evidence for Antimicrobial Properties in Fresh Aloe vera Gel Extracts” Ashley Lytle
12. **The Virulence Properties of Photorhabdus luminescens and Its Potential Application in Pest Management** Elijah Mebens
13. **Antimicrobial properties of Sassafras Albidum** Fredejah Royer
14. **The Effects of Invasive Fire Ants (Solenopsis invicta) On Ant Diversity in Coastal North Carolina Longleaf Pine Savannas** Hannah Swartz
15. **Noema and Varroa Mite Monitoring in UNCP Honey Bee Colonies** Marica Thomas
16. **In Vitro Development and Reproduction of the Entomoparasitic Nematode (EPN) Steinernema carpocapsae in Monoxenic Liquid Culture** Jeison Valencia
17. **Changes in Social Form Dominance of Invasive Fire Ants in a Carolina Bay (Antioch)** Grant Wood
18. **Height and Student Recognition on Campus** Korrinne Bethel
19. **Cathodoluminescence and Energy Dispersive Spectroscopy analysis of Kidney Stones – A first approach** Yara Abumohsen
20. **Benzoin Condensation** Jose Acosta
21. **Development of Microscale Chemical Assays Using Raman Spectroelectrochemistry** Britney Alcira
22. **Manufacturing an Integrated Apparatus to Measure Boltzmann Constant** James Barstrom
23. **A Spectroelectrochemical Assay for Vitamin C** Xin Dong
24. **Biological Pesticide Application and Technology Utilizing Heterorhabditis bacteriophora and Steinernema carpocapsae** Gabrielle Downs
25. **A Highly Accurate Analysis Method for Large Angle Physical Pendula** Mariam Gerges
26. **Measuring Linear Expansion Using the Fraunhofer Diffraction Pattern** Sandra Huneycutt
27. **Developmental polycyclic aromatic hydrocarbons reduces cardiac sarcomere size and cell morphology in zebrafish** Amelia Brown
28. **Types of food and lifestyle effect on Diabetes and Cholesterol.** Neveen Issa
29. **Investigation of Mercury Content in the Lumber River** Dana Lamberton
30. **Malus Law Teaching Apparatus: High Quality at Near Zero-Cost** Dakota Lee
31. **On the Universality of Frequency Swept Driven Oscillators** Zach Miller
32. **The Effects of Acculturation on Mexican American Population** Dominique Perez
33. **Acto Latino - La Quinta Temporada** Keily Ramirez
34. **The Robeson County Groundwater Project: A Partnership With The Community** William Prutzman
35. **A Geography of Dystopia** Aaliyah Weatherington
36. **National Farmworker Awareness** Aaliyah Weatherington
List of Primary Presenters & Titles

Posters and Exhibits by number:

37. African-American Women During Jim Crow
   Aaliyah Weatherington
38. State Historic Marker for the Battle of Hayes Pond
   Chapell Brock
   Matthew Hancock
40. Is Reagan's America a "Paradise City?"
   Avery Locklear
41. Nazis, Propaganda and the Press
   Levy Pait
42. Establishment of the Modern Olympic Games
   Nathaniel Nash
43. National Parks
   Arjay Navalta
44. Automated Aeroponics System using IoT for smart farming
   Stephen Kerns
45. Investigating the relationship between gut microbiota and glucose regulation in type 2 diabetes
   Cody Morazan
46. Metis Fiddling: A Matter of Identity
   Sarah Middleton
47. Gentrification & Displacement Resulting from Urban Renewal Efforts, and Planning Policies to Combat These Effects
   Jacob Newton
48. Gender Differences when Coping with Depression
   Jerica Janney
49. Does the Fear of Self-Compassion Lead to a More Negative Rejection Response?
   Gwendolyn Coker
50. The Impacts of Gender and Dependency on Cell Phone Use While Driving
   Summer Brown
51. Happiness and Physical Activity in Pet Owners
   Barbara Dieringer
52. Does Facebook dependency impact college students' GPA and romantic relationship satisfaction?
   Faith Elder
53. The Relationship between PTSD, Family Support, Combat-Experience, and Post-battle Experience
   Kiana Perez-Jimenez
54. The Effect of Carbohydrates on the Growth and Bioluminescence of Photorhabdus luminescens
   Joshua Cade
55. Bringing More Attention To National Farmworkers Awareness Week
   Joshua Cade
56. National Farmworkers Awareness Week Social Media Campaign
   Regina Ryan
57. Farmworker Awareness Site Visit
   Heather Boggess
58. Prison Life: Female Prisoners
   Whitney Givens
59. Experiences Unique to the Female Correctional Officer: Effects on Job Satisfaction and Stress
   Kathleen Lindsey
60. Dreams of Graduate School? Advice from Professors in the Sociology and Criminal Justice Department
   Kayla McCarty

Exhibits:
1. WoodBlock Relief Printing
   Andrew Alekseev
2. Experimental Processes of Printmaking and Sculpture
   James Jacobs
3. The Artistic Representation of Mental Illnesses
   Ashley Nordquist
4. Pop-up Engineering
   Brittany Crocker
5. A Study of Established Photographic Styles through Practice as Research
   Dakota Young