

Poster Session 3

1. *Views on Climate Change*
Olivia Diaz, Henry Castillo, Eric Levy and Monica Escaleras, Florida Atlantic University
2. *A Landmarks-Based Navigation Application using Geographic Coordinates.*
Yohannes Almaw and Reddivarie Sandeep, University of North Florida
3. *Modulation of Fear Memory Extinction by Prelimbic SK Channels*
Ronithe Senatus and Robert Stackman, Florida Atlantic University
4. *Effects of Cogongrass and Climate Change on Ant Communities*
Sara Alvarez and Andrea Lucky, University of Florida
5. *Aloe Vera as a Bactericide*
Lorraine Bermudez and Flora Chisholm, Valencia College
6. *The Effects of 17 α -ethinyl-estradiol (EE2) on Sexually Selected Banding Patterns of the Sexually Dimorphic Gulf Pipefish, *Syngnathus scovelli**
Guadalupe Sepúlveda Rodríguez and Emily Rose, University of Tampa
7. *CXL146: A Novel Therapeutic Agent That Selectively Targets Multidrug Resistant Leukemia*
Jordy Botello and Chengguo Xing, University of Florida
8. *Beatin' into Submission: Trauma Bonding in "The Dark Tower" and "The Walking Dead"*
Michelle Scrogam and Warren Jones, Eastern Florida State College
9. *Investigating the Resistance and Sensitivity of *Rhizopus delemar* Strains on Various Drugs and Utilizing the CRISPR/Cas9 Endonuclease to Create Auxotrophic Mutants*
Arianna Broad and Ping Wang, Florida State University
10. *The Distribution of Antibiotic Resistant Bacteria in the Indian River Lagoon*
Anthony Cervone and William Stewart, Eastern Florida State College
11. *Preservation Project Jacksonville: A History*
Kaley Crawford and Maria Mark, University of North Florida
12. *The Influence of Parental Behavior on Children with Anxiety and Comorbid Attention Deficit/Hyperactivity Disorder.*
Isabella Herrera and Jeremy Pettit, Florida International University

13. *Framing Ebola: A Textual Analysis of Ebola Coverage in the New York Times between March 2014 and August 2014*
Alexis Cruz and Jelena Petrovic, Stetson University
14. *Influence of Geometry-Induced Frequency Dispersion on the Impedance of Rectangular Electrodes*
Katherine Davis and Mark Orazem, University of Florida
15. *Helicopter Parenting in Emerging Adulthood: Influence of Personal Experience on Perceptions Of Parenting*
Nicole Bouchard, Lovia Feliscar, Wendy Rote and Renee Patrick, University of Tampa
16. *Chitosan as an Oral Phosphate Binder*
Michele Dill and Christopher Batich, University of Florida
17. *Mutual Gaze Among Strangers*
Allie Vaknin and Sally Hastings, University of Central Florida
18. *Social Network Theory and the Developing Aquaculture Industry in Wakulla County*
Maggie Dowd, Jordan Rundle, Allen Byrd and Wen-Chi Shie, Florida State University
19. *Exploring Emotional Processing with fNIRS*
Carly Doyon, Vernon Volante, Sara Fagan, Jesse Macyszko, Rachel Carpenter and Katherine Hooper, University of North Florida
20. *Water Injection with CO₂: A Perspective for Carbon Sequestration.*
Kevin Garcia and Myoengsb Kim, Florida Atlantic University
21. *Genre, Identity, and Queer Maghrebi Literature*
Ravital Goldgof and Corbin Treacy, Florida State University
22. *Does A Sample of College Football Players with Sickel Cell Trait Differ from a Control Sample in Anthropometric Measures?*
Deandre White and Lorena Madrigal, University of South Florida
23. *The Role of Macrophages in Skin Regeneration in African Spiny Mouse (*Acomys Spp.*)*
Jamarcus Robertson and Malcolm Maden, University of Florida
24. *Feasibility of School Gardens to Address Childhood Obesity*
De'Vohn Roman, Norrelle Walker, Thomas Rentz, and Dawn Witherspoon, University of North Florida
25. *Psychoactive Medications in Skilled Nursing Facilities*
Kayleigh Graves, Scott Wilkes and LeRee Moody, University of North Florida

26. *La Palabra Publicada Para Apoderar y Aterrorizar: The Creative Resistance and Third Practices of tatiana de la tierra*
Sara Gregory and Sonia Labrador-Rodriguez, New College of Florida
27. *The Nature of Maps in the Digital Age*
Nicholas Hearing and Jesse Klein, Florida State University
28. *How Does Consociational Power Sharing Impact Ethnic Divisions in Northern Ireland?*
Sarah Hollmann, Eugene Huskey and David Hill, Stetson University
29. *Sanitized Diversity: Disney Channel and White America*
Keaton Hughes and Queen Zabriskie, New College of Florida
30. *Notch Signaling is Required for Brittle Star Arm Regeneration*
Maleana Khoury and Vladimir Mashanov, University of North Florida
31. *The Development of a Screening Assay for the Detection of Substrate Specificity Among Bacterial Agmatine Deiminases*
Ilma Kovac and Bryan Knuckley, University of North Florida
32. *Growth and Characterization of Titanium Nitride Using Reactive Sputtering Physical Vapor Deposition.*
AnaElisa Linhares and Stephen Stagon, University of North Florida
33. *Understanding the Dietary Preferences of The Sea Slug Elysia papillosa: A Story of Conflicting Observations*
Michael McKibben and Michael Middlebrooks, University of Tampa
34. *Which came first - the Republican or the Business major?*
Erin Bisesti and JeffriAnne Wilder, University of North Florida
35. *Identification of Gamma-glutamyltransferase 6 as a key player in the oncogenic viral life cycle*
Naeem Motlagh, Richard Smindak, Seung Jin Jang, Aria Sharma, Zsolt Toth, and Bernadett Papp, University of Florida
36. *Predicting Patients' Trust in Physicians from Personality Variables, Ethnicity, and Gender*
Zoreed Mukhtar and Charles Negy, University of Central Florida
37. *The Molecular Mechanism for Cholera Toxin Disassembly by Protein Disulfide Isomerase*
Morgan O'Donnell and Ken Teter, University of Central Florida
38. *Characterizing Giant Exoplanets through Multiwavelength Transit Observations: HAT-P-5 b*
David PeQueen and Daniel Dale, Embry-Riddle Aeronautical University

39. *Examination of The Magnetic Interactions Between Divacant Fe Dimers In Graphene*
Ronald Putnam and Jason Haraldsen, University of North Florida
40. *The Exploration of Resveratrol and Its Oligomers*
Michael Richter and Christos Lampropoulos, University of North Florida
41. *Starburst Clusters as the Origin of Cosmic Rays*
Alison Roxburgh and John Hewitt, University of North Florida
42. *Human Immunodeficiency Virus Testing Barriers Among College-Aged Asian American Students*
Lily Sant and Su-I Hou, University of Central Florida
43. *Culture Through Color Perception in West Side Story*
Marissa Secades and Barbara Mennel, University of Florida
44. *The American Perception and Ideology Towards Refugees*
Onur Basman, Esteban Cardenas, Eric Levy and Monica Escaleras, Florida Atlantic University
45. *How Exposure to Pretrial Publicity Influences Gender Biases in Deliberations, Discussion of Trial Evidence and Judicial Instructions, and Verdicts*
Stephanie Diaz Ortega and Christine Ruva, University of South Florida Sarasota-Manatee
46. *The Distinction of Plants Using the Barcode of Life*
Nikea Debidin and Nalini Odapalli, Valencia College, West Campus
47. *Vote Choice: The Impact of Ideology Distance and Specific Policy Stance Distance*
Lauren Sharp and Michael Binder, University of North Florida
48. *Exploration of the Critical Habitat of Hawaiian Monk Seals*
Madison Dowdy and Bridgette Froeschke, University of Tampa
49. *Peace and Dissolution of Terrorist Groups: A Comparative Analysis of Euskadi Ta Askatasuna (ETA) and The Revolutionary Armed Forces of Colombia (FARC).*
Galilhea Calderon and Zenel Garcia, Florida International University
50. *The Graphic Display of Quantitative Suicidality Data: S-Plots*
Jennifer Giddens and Dr. David Sheehan, University of South Florida
51. *Code-switching Within the Noun Phrase in Spanish-English Bilinguals*
Macarena Gonzalez-Del Riego and Antje Muntendam, Florida State University
52. *North Korea: A Linguistic Analysis on Deviation From Standardized Korean*

Kathalia Irizarry and Addie Sayers-China, University of South Florida

53. *Integrating Community Knowledge with Citizen Science and Geographic Information Systems to Explore Climate Change Concerns in Hopkins, Belize*
Julia Jeanty and Timothy Hawthorne, University of Florida
54. *The Role of Dgt4 in the Neural Stem Cells*
Wajiha Khalid and Timothy Megraw, Florida State University
55. *Do Parents Who Smoke Protect Their Children from Secondhand Smoke at Home?*
Selena Leonardo and Julia Soulakova, University of Central Florida
56. *Individual Differences and Perception of Risk of Personal Care Products*
Cristina Gimenez and Rober Riedel, and Cassandra Korte, Lynn University
57. *Controlling Ultrafast Energy Exchanges in Optical Metamaterials*
Devon Loughran, Pedro Spingola, Kaleb Exposito, and Greg Wurtz, University of North Florida
58. *Functionalized Intrabodies as Novel Therapeutics for Alzheimer's Disease and Other Tauopathies*
Ramapaada Medam and Yona Levites, University of Florida
59. *Effect of pH on Calcium Uptake by Branchiostegite of the American Lobster*
Lilian Nagle and Gregory Ahearn, University of North Florida
60. *Muslim Slaves in Cuba and the Caribbean: Practice, Belief, and Legacy*
Allison Overholt and Adam Gaiser, Florida State University
61. *Cooperativity and Competition in the Simultaneous Binding of Intercalating and Groove Binding Agents to DNA*
Paula Pimiento and Stephen Winkle, Florida International University
62. *Fascinating Built and Natural Environments' Effects on Mood and Impulsivity*
Devin Plant, Drew Brett, George Rocek, Nick Mazza, Marica Grahla and Christina Salnaitis, University of South Florida Saint Petersburg
63. *Involvement of Endocannabinoid System in Innate Immune Responses to Salmonella typhimurium Infection*
Larry Reser and Mariola Edelman, University of Florida
64. *VR> IRL ;)?... Nope OMG!: How Ready Player One Forefronts Debord's Spectacle*
Justin Sachariason and Warren Jones, Eastern Florida State College
65. *Molecular Basis of N-B Transition of Human Serum Albumin, HSA on Ligand Binding Studied by Fluorescence Justice*

Justice Albury, Raenell Dorsey and Vishwa Trivedi, Bethune Cookman University

66. *Developing a Synthetic Sea Urchin Exoskeleton to Reduce Carbon Dioxide Emissions and form a Calcium Carbonate Precipitate*
Alexis Base, Peng Yi and Mike Kim, Florida Atlantic University
67. *Investigating SREBP2 as a Potential Zika Virus Host Cofactor*
Alexander Bell and Hengli Tang, Florida State University
68. *The Effects of Hyper-categorization on the Political Efficacy of LGBTQ+ Movements*
Nathalia Carneiro and Maggie Cobb, University of Tampa
69. *Barbie Meets Fiona: Conflicting Discourses of Beauty in Sci-fi Films*
Rabecca Connors and Warren Jones, Eastern Florida State College
70. *Skeletal Muscle's Circadian Rhythm in Health and Disease*
Emilia De Jesus and Karyn Esser, University of Florida
71. *Aviation Weather Conditions Prior to Tropical Cyclone Landfalls*
Alexander Donato and Randell Barry, Embry-Riddle Aeronautical University
72. *Current Distribution in a Segmented Bi-material Cathode with Battery and Capacitor Material*
Christain Gaya and Annadanesh Shelikeri, Florida State University
73. *Individual Differences as Antecedents of Performance on Cognitive Tasks*
David Hall, Eilidh Watson, Jasmine Gonzalez, Mark Hodae, Kelly Hall, and Randall Croom, Stetson University
74. *Direct and Indirect Contributions of Immune Cells in Xenograph Rejection*
Haley Katz and Mahyar Nouri-Shirazi, Florida Atlantic University
75. *Modeling Cholera Immunity Dynamics: The Role of Memory B-Lymphocytes*
Henry Chang and Zhisheng Shuai, University of Central Florida
76. *Testing a Deviance Regulation Theory Intervention in College Freshman*
Angelina Leary and Robert Dvorak, University of Central Florida
77. *Self-Assembly of Guanosine Derivatives as Building Blocks for Chemical and Material Research*
Julia Monasterio, David Thai and Ying He, University of South Florida
78. *Financial Systems and Assimilation of Chinese Diaspora in the American South*
James Novello and Aaron Lan, Florida State University
79. *Hydrofunctionalization of Alkenes and Alkynes with Iron Catalysts.*

Gisselle Pombar and Paul Chirik, University of Central Florida

80. *Effect of the Expression of the Lupus Associated Pbx1-d Isoform on Mesenchymal Stem Cells (MSCs) in a Mouse Model of Lupus*
Brian Robusto and Laurence Morel, University of Florida
81. *Safety of Chronic Intranasal Oxytocin Administration and Functional Benefits in Aging*
Dinia Salmeron, Jessie Somerville and Natalie Ebner, University of Florida
82. *Quantity vs Quality*
Kyle Ziegler, Derream Auguste, Monica Escaleras and Eric Levy, Florida Atlantic University
83. *Salmonella Meningitis in an Infant*
Brittany Garrett and Silvana Carr, University of South Florida
84. *Selective Detection of M. tuberculosis Utilizing Split Peroxidase-like Deoxyribozymes*
Anna Balenko and Yulia Gerasimova, University of Central Florida
85. *Focus on My Brains, Not My Booty: Perceptions and Experiences of Women Building Careers in Media*
Brooke Dann and William Berry, Bethune-Cookman University
86. *Infaunal Communities on Restored Oyster Reefs and Stabilized Shorelines*
Katherine Harris, Aiesha Stevens, Melinda Donnelly and Linda Walters, University of Central Florida
87. *Software Development*
Erika Cardenas, Connor Shorten, Eric Levy, and Monica Escaleras, Florida Atlantic University
88. *Initial Results of Eps15 Homology Domain Proteins Structural Analysis*
Connor Colby and Scott Stagg, Florida State University
89. *Healthy Eating and Physical Activity Interventions Based on Florida Department of Health-Volusia County Hospitalization/Emergency Department Data and Sociodemographic Profiles by Zip Code*
Edward Curry, Elena Finver and Laura Gunn, Stetson University
90. *The Study of Moringa oleifera Under Mars Lighting Conditions*
Deanna DeMattio and Peter Merkle, Embry-Riddle Aeronautical University
91. *Furries Now!: Situating Modern Art Communities*
Jay Dotson and Dillon Mahoney, University of South Florida

92. *Population Structure and Genetic Variation Associated with Morphological Differences of Eastern Mosquitofish, Gambusia holbrooki, in Florida Waterways*
Grayce Dyer and Natalia Belfiore, University of Tampa
93. *Circumvolve: Narratives and Responses to Life*
Rachel Huff Smith and Sheila Goloborotko, University of North Florida
94. *The Socio-Ecological Politics of Charcoal Production in the Ya'bad Region of the West Bank*
Jonathan Valentine, Tareq Abu Hamed, Lavi-Neeman and Robert Sullins, University of South Florida