Poster Session #1 Placement Assignment
2:00pm – 3:00pm

1: Between the Lines and Out of the Box: Critical Literacy
Poster Presentation
Undergraduate Student(s): Kinsey Shrewsbury
Research Mentor(s): Virginie Jackson

2: Translanguaging in Content Classes: A Study of a Trilingual Preschooler
Poster Presentation
Undergraduate Student(s): Shakira Bell, Mari Heimlich
Research Mentor(s): Jayoung Choi

3: Nitrogen Cycling in Seagrass Systems: Do Macroalgae Alter Sediment Conditions?
Poster Presentation
Undergraduate Student(s): Stephen Jones, Kelly Nguyen, Daniel Lord, Lina Tran
Research Mentor(s): Troy Mutchler

4: Influence of Chinese Privet on Riparian Soil Decomposition
Poster Presentation
Undergraduate Student(s): Victoria Romero
Research Mentor(s): Matthew Weand

5: Gender Differences in STEM Courses at KSU
Poster Presentation
Undergraduate Student(s): Emma Evans, Kaelyn Spiers, Jummy Nipo, Zeljka Zec, Ayo Awodu
Research Mentor(s): Amy Buddie

6: Student Perceptions of GMOs
Poster Presentation
Undergraduate Student(s): Tatiana Smithson, Amy Graham, Charlene Quainoo, Shae Sams, Jasmine Lopez, Samantha Swartzendruber
Research Mentor(s): Amy Buddie

7: Health Behaviors in College Students
Poster Presentation
Undergraduate Student(s): Sharonjeet Kaur, Alyssa Venn, Hannah Bauguess, Eun Sol Chang, Lauren Rohde, Fatma Aldihri, Ryan Page, Shawyun Khoshneviszadeh, Amna Glissa
Research Mentor(s): Amy Buddie

8: Worker Safety in Energy Production in America: A Comparative Analysis of Fuel Sources and Accompanying Occupational Risk
Poster Presentation
Undergraduate Student(s): Alyssa Venn
Research Mentor(s): Joe DeMaio

9: Il Silenzio
Poster Presentation
Undergraduate Student(s): Kenneth Samuel Presley
Research Mentor(s): Federica Santini

10: How Giulia Niccolai has Changed Italian Contemporary Literature
Poster Presentation
Undergraduate Student(s): Santiago Meneses
Research Mentor(s): Federica Santini

11: The Globalization of Korean Pop Music: An Analysis of the Cultural and Social Effects
Poster Presentation
Graduate Student(s): Isla Baldridge
Research Mentor(s): Jeongyi Lee

12: Year of India Study Abroad Seminar: The Attitudes Towards Mental Illnesses and Accessibility to Mental Health Services in Rural and Urban India
Poster Presentation
Undergraduate Student(s): Celessia Cannon, Brooke Satterfield
Research Mentor(s): Ginny Zhan

13: The Role of Diagnostic Labels on Perceptions of Behavior
Poster Presentation
Undergraduate Student(s): Madison Bodenhamer, Haley Smith, Alisanne Jensen, Sarah Deveau, Kenya Morgan, Kelly Watson, Morgan Moore, Bethany Shields
14: Gender Differences are Disappearing: Attitudes on Sex Trafficking Tactics and Rape Victimization
Poster Presentation
Undergraduate Student(s): Meghean Teefy, Mandy Losito, Elizabeth Perry, Jonathan McFarland
Research Mentor(s): Dorothy F. Marsil, Corinne McNamara

15: The Relationship Between Attitudes on Institutional Responses and Sex Trafficking Awareness and Myth Acceptance
Poster Presentation
Undergraduate Student(s): Jonathan McFarland, Alexandria Goldstein, Elizabeth Perry, Mandy Losito, Meghean Teefy
Research Mentor(s): Dorothy F. Marsil, Corinne McNamara

16: The Relationship between Sexual Assault Beliefs and Understanding of Consent
Poster Presentation
Undergraduate Student(s): Abrian Poole, Amber Wallace, Shelby Benson, Tommy Hampton
Research Mentor(s): Corinne McNamara, Dorothy F. Marsil

18: Watch Me Give: A Look at Narcissism as a Moderator to Donating to a Non-Profit
Poster Presentation
Undergraduate Student(s): Austin Prewett
Research Mentor(s): Paul Story

20: The Relationship between Motion Offset and Neural Inhibition with respect to EEG
21: The Lateralized Readiness Potentials and the Psychological Refractory Period
Poster Presentation
Undergraduate Student(s): Shawyun Khoshneviszadeh
Research Mentor(s): Tim Martin

22: Connectivity Analysis of Regions of Interest Between Regional Accents
Poster Presentation
Undergraduate Student(s): Amir T. Woods, Kevin Smith
Research Mentor(s): Tim Martin

23:

24: Self-Reported Willingness to Let Friends Falsely Take the Blame
Poster Presentation
Undergraduate Student(s): Dara Latimer, Karina Gartavel, Stephen Gilcrease
Research Mentor(s): Jennifer Willard

25: The Intergroup Sensitivity Effect Among Racial Groups
Poster Presentation
Undergraduate Student(s): Scarlet Hernandez, Amilynne McLeroy, Caleb Lang
Research Mentor(s): Katherine White

26: Using Fear Potentiated Startle Rate to Examine African American Women with Childhood Trauma Exposure: Are They at Higher Risk for Post-Traumatic Stress Diagnosis?
Poster Presentation
Undergraduate Student(s): Kayla Herren, Olivia Lauzon, Jesse Edmond, Bianca Sarrecchia, Royce Alfred, Olivia Tyler
Research Mentor(s): Ebony Glover

27:
28: *The Effects of Personality on the Stress Response*
Poster Presentation
Undergraduate Student(s): Kristina Thursby
Research Mentor(s): Sharon Pearcey

29:

30: *Namaste in the USA: The Growing Pains Yoga Faces in American Culture*
Poster Presentation
Undergraduate Student(s): Clay Wilderman, Tammy Le, Daniel McNabb, Autumn Richardson, Jake Vasquez
Research Mentor(s): Mona Sinha

31: *The Jungle of e-Commerce: Why Amazon is Failing in China*
Poster Presentation
Undergraduate Student(s): Kamila Daza, Susana Diaz, Devin Mann, Sinan Nurdogan, Adam Stasevich, Alexys Wilson
Research Mentor(s): Mona Sinha

32: *Vodafone: Digitizing India's Cash to Code with MPesa*
Poster Presentation
Undergraduate Student(s): Jackson Lott, Eady Connally, Kelly Herrera, Michael Phillips, Tyler Black, Tyler Bohn
Research Mentor(s): Mona Sinha

33: *The Great Wall of AirBnB China*
Poster Presentation
Undergraduate Student(s): Abbie Hillis, Gavin Cagle, Ryan Calhoun, Chris Wingate, Kaleigh Young, Alexus Tremble
Research Mentor(s): Mona Sinha

34: *AirBnB: Facing Late Entrant Disadvantage in China*
Poster Presentation
Undergraduate Student(s): Ryan Patel, Wes Davis, Drew Boles
Research Mentor(s): Mona Sinha
35: Disney’s Bollywood Battle
Poster Presentation
Undergraduate Student(s): Nikita Patel
Research Mentor(s): Mona Sinha

36: Ola v. Uber: The Blaring Battle between India’s Locally Trusted Transportation Company and Their New, Infamous Rival
Poster Presentation
Undergraduate Student(s): Elizabeth Beall, Kevin Testerman, Alexa Baumgartner, Anasasia Krunk, Greg Chafin, Kevin McKay
Research Mentor(s): Mona Sinha

37: Toto: A Game of Thrones Taking Place in the U.S.
Poster Presentation
Undergraduate Student(s): Georthon Correia do Carmo, Gabrielle Bordelon, Rachael Amatriain, Lauren Benson, Erin Lutz, Lauren Welch
Research Mentor(s): Mona Sinha

38: How Advertisers Can Use Social Media to Release More Dopamine to Improve the Affect on the Consumer Purchase Decision
Poster Presentation
Undergraduate Student(s): David Carter
Research Mentor(s): Sandra Pierquet

39: New bis(amidine) ligands for highly luminescent copper(I) complex array
Poster Presentation
Undergraduate Student(s): Alvaro Calderón Díaz, Nattasith Siwabut
Research Mentor(s): Michael Stollenz

40: A Conserved Role for ETS Genes in Paired Appendage and Urogenital Development
Poster Presentation
Undergraduate Student(s): Kira Monell
Research Mentor(s): Marcus Davis, Amanda Cass

41: Tactile versus Electrical Sensory Input to Stimulate the Zebrafish (Danio rerio) Escape Response
42: Characterization of CRISPR-mediated Gene Regulation in Myxococcus xanthus
Poster Presentation
Undergraduate Student(s): Kayla Vargas, Ashley Turcios
Graduate Student(s): Victoria Mendiola
Research Mentor(s): Lisa Ganser

43: The Hangry Behavior of Myxobacteria: Transcriptome Analyses of Starving Cells
Poster Presentation
Undergraduate Student(s): Maya Maarouf, Tiajah Sherman
Research Mentor(s): Ramya Rajagopalan

44: The Development Inhibitor and its Playmates
Poster Presentation
Undergraduate Student(s): Kara Kelley, Tiajah Sherman
Research Mentor(s): Ramya Rajagopalan

45: Does ngn-1 regulate the expression of daf-18 in the context of AIY axonal outgrowth?
Poster Presentation
Undergraduate Student(s): Alexandra Beasley
Graduate Student(s): Elyse Christensen
Research Mentor(s): Martin Hudson

46: Does Neurogenin Control the Expression of cnd-1 in Caenorhabditis elegans?
Poster Presentation
Undergraduate Student(s): Jessica Radchuk
Graduate Student(s): Elyse Christensen
Research Mentor(s): Martin Hudson

47: srw-85 expression is controlled by the basic-helix-loop-helix transcription factor cnd-1/NeuroD1
Poster Presentation
Undergraduate Student(s): Derrica McCalla
Research Mentor(s): Martin Hudson
**48: What is the Relationship between Neurogenin and Ephrin during Neuronal Development?**
Poster Presentation
Undergraduate Student(s): Benjamin L. Crews
Research Mentor(s): Martin Hudson

**49: Does ngn-1 regulate the expression of daf-18 in the context of AIY axonal outgrowth?**
Poster Presentation
Undergraduate Student(s): Alexandra Beasley
Graduate Student(s): Elyse Christensen
Research Mentor(s): Martin Hudson

**50: Does Neurogenin regulate vab-1 during neurogenesis?**
Poster Presentation
Undergraduate Student(s): Omar Daouk
Graduate Student(s): Elyse Christensen
Research Mentor(s): Martin Hudson

**51: The Transcription Factor ztf-29 is Required for C. elegans Nervous System Development**
Poster Presentation
Undergraduate Student(s): Ciara Hosea
Research Mentor(s): Martin Hudson

**52: The role of EphR/ephrin Signaling in a Food-Seeking Sensorimotor Neural Circuit**
Poster Presentation
Graduate Student(s): Miranda Arnold
Research Mentor(s): Martin Hudson

**53: Differential Analysis of Individual Centruroides vittatus Venom**
Poster Presentation
Undergraduate Student(s): Isabella S Batallas, Kelci R Knight, Whitney Smith
Research Mentor(s): Eric Albrecht, C. Neal McReynolds, Thomas McElroy

**54: Survey and Analysis of Georgia’s Most Contaminated Environmental Sites**
55: The DNA Regulator Lrp is involved with the Pseudomonas quinolone signal (PQS) quorum sensing network
Poster Presentation
Undergraduate Student(s): Sean Fletcher
Research Mentor(s): Melanie C. Griffin

56: Generation of new antibiotic selections for prokaryotic CRISPR gene editing
Poster Presentation
Undergraduate Student(s): Sheereen AbdulKabir
Graduate Student(s): Mareena Pitts
Research Mentor(s): Melanie C. Griffin

57: Preparation and Comparative Analysis of DNA Competence Among Enteric Bacteria
Poster Presentation
Undergraduate Student(s): Matthew Seth Oxford
Research Mentor(s): Melanie C. Griffin

58: Understanding the Regulation and Activity of Hyaluronidase Produced by Aeromonads
Poster Presentation
Undergraduate Student(s): Monica Sowder
Research Mentor(s): Donald McGarey, Pyeongsug Kim

59: Identifying Cadmium-Resistant, Probiotic Bacteria for Potential Protection Against Cadmium Toxicity in Drosophila Melanogaster
Poster Presentation
Undergraduate Student(s): Pardis Madjid, Olivia Brooks
Research Mentor(s): Donald McGarey, Pyeongsug Kim, Anton Bryantsev

60: The role of the Rbf1 tumor suppressor in the differentiation and maintenance of Drosophila muscles
Poster Presentation
Undergraduate Student(s): Kaveh Kiani
Research Mentor(s): Anton Bryantsev, Maria Chechenova

61: Absorbing epithelium of the midgut as the model to study toxicity mechanisms of the heavy metal cadmium
Poster Presentation
Undergraduate Student(s): Olivia Brooks, Brandi Huggins, Hannah Stratton
Research Mentor(s): Anton Bryantsev

62: Effects of Hemocytes and Hemocyte Signaling on Longevity in Drosophila
Poster Presentation
Undergraduate Student(s): Allyson Sams
Research Mentor(s): Anton Bryantsev

63: Expression of Telomerase mRNA in Nile Tilapia Tissues
Poster Presentation
Undergraduate Student(s): Alexis Smith, Kristina Howard
Research Mentor(s): Jennifer Louten

64: Thermal Stabilities of Foodborne Pathogen Salmonella enterica serovar Thompson and Bacteriophage ΦEnt
Poster Presentation
Undergraduate Student(s): Samantha Thompson, Andrew Marchant
Research Mentor(s): Jean Lu

65: Microbial Voltage-gated Ion Channels
Poster Presentation
Graduate Student(s): Kevin Bennett
Research Mentor(s): Tsai-Tien Tseng

66: Quantification of Human-, Dog-, and Total Animal-associated Bacteroides in Cobb County Creeks
Poster Presentation
Undergraduate Student(s): Jay Detillo
Research Mentor(s): Mike Beach

67: Development of TAT-CaM CPP Technology in Cryptecodinium cohnii
Poster Presentation
Undergraduate Student(s): Joshua Falkowski
Research Mentor(s): Jennifer Cooper

68: *Computational Study of Protonated Nitrogen Dimer and Interpretation of Infrared Spectra*
Poster Presentation
Undergraduate Student(s): Reagan Hooper, Dalton Boutwell
Research Mentor(s): Martina Kaledin

69: *Comparison of BMI and Weight-for-Age as a Growth Assessment of Preterm Infants*
Poster Presentation
Undergraduate Student(s): Anna Deeb, Julian Payne, Thomas Holmes, Rebecca Fowler
Graduate Student(s): Jonathan Boardman
Research Mentor(s): Louise Lawson, Nicole Ferguson

70: *Determination of the Cognitive Load of Modeling Tasks in Organic Chemistry*
Poster Presentation
Undergraduate Student(s): Lisa Bateganya, Aana Hampton-Ashford,
Graduate Student(s): Jenifer Calvert
Research Mentor(s): Kimberly Cortes, Adriane Randolph

71: *Determination of the Cognitive Load of Serine Protease 3-Dimensional Models*
Poster Presentation
Undergraduate Student(s): Lana Aleuy
Research Mentor(s): Kimberly Cortes, Adriane Randolph

72: *Determining the Interaction of Pex5 with Kinases and the Phosphorylation Status of Peroxisome Proteins*
Poster Presentation
Undergraduate Student(s): Christina Nguyen, Joshua Sukumar, Thomas Potts, Ki Dae Kim
Research Mentor(s): Rajnish Singh, Carol Chrestensen

73: *Multiple Criteria Evaluation of the Proposed Bus Rapid Transit System*
Poster Presentation
Undergraduate Student(s): Yunji Kim
Research Mentor(s): Jidong Yang
74: Development of a WiFi-Enabled Radiation Detector
Poster Presentation
Undergraduate Student(s): MaKayla Jacobs, Neil Grimsley
Research Mentor(s): Eduardo B. Farfan

75: Distributed and Connected Dosimeter
Poster Presentation
Undergraduate Student(s): Michael Jerrell, Joshua Johnson
Research Mentor(s): Eduardo Farfan

76: Niche Partitioning for an Assemblage of Bats in the Piedmont of Paulding County, Georgia
Poster Presentation
Undergraduate Student(s): Sarah Mashburn, Shaleah Daye
Research Mentor(s): Thomas McElroy

77: Slim-Modular-Flexible-Electric Bus
Poster Presentation
Undergraduate Student(s): Heath Sinclair, Chixiang Zhang
Graduate Student(s): Corey Brown
Research Mentor(s): Bill Diong

78: Digold bis(amidine) complexes upon insertion into NH···N’ hydrogen bonds: Synthesis, structures, and molecular dynamics in solution
Poster Presentation
Graduate Student(s): Omar Ugarte Trejo
Research Mentor(s): Michael Stollenz

79: Cross Cultural Perspectives of the Display of Human Remains
Poster Presentation
Undergraduate Student(s): Alicia Karrick
Research Mentor(s): Alice Gooding

80: Hematogenous Osteomyelitis in Juveniles: An Examination of Pathophysiology and Variation in Occurrence in the Archaeological Record and Contemporarily
Poster Presentation
Undergraduate Student(s): Hannah Bauguess  
Research Mentor(s): Alice Gooding

81: Using Geospatial Data to Determine a Least Cost Path Analysis of a Public Transport System for Atlanta  
Poster Presentation  
Undergraduate Student(s): Carly D’Allen  
Research Mentor(s): Robert Allen

82: Biological Control by Plant-Growth Promoting Rhizobacteria  
Poster Presentation  
Undergraduate Student(s): Brooke Warres  
Research Mentor(s): Christopher T. Cornelison

83: Comparison of Photosynthetic Rates for Two Evergreen, Temperate Species of Different Growth Forms (Tree versus Herb)  
Poster Presentation  
Undergraduate Student(s): Sarah Andrews, Sean Caton, Shaila Sabusa  
Research Mentor(s): Paula C. Jackson

Poster Presentation  
Undergraduate Student(s): Gannon Hampton  
Research Mentor(s): Gerald Mangine, Trisha VanDusseldorp, Yuri Feito

85: The Double Burden Phenomenon: A Much Needed Status Check  
Poster Presentation  
Undergraduate Student(s): Ngozi Hart  
Research Mentor(s): Mari-Amanda Dyal

86: The Intersection of Mental Health Literacy and Mental Health Stigma: A Literature Review  
Poster Presentation  
Undergraduate Student(s): Sefina Haque, Abeer Osman  
Research Mentor(s): Mari-Amanda Dyal
87: *A Diagnostic Direction for Workplace Health Promotion*
Poster Presentation
Undergraduate Student(s): Abeer Osman
Research Mentor(s): Mari-Amanda Dyal

88: *The People of the Cumberland Plateau: Yesterday, Today and Tomorrow*
Poster Presentation
Undergraduate Student(s): Macey Hurst
Research Mentor(s): Katherine Perrotta

89: *Sustaining the Future: Creating an Endowment Fund for Our Nonprofit Management Program*
Poster Presentation
Undergraduate Student(s): Christina Loud, Whitney Doss, Lenetta Graham, Kaliegha Pierce, Anna Hamilton
Research Mentor(s): Jennifer Wade-Berg

90: *Blurred Lines: Mission vs. Money*
Poster Presentation
Undergraduate Student(s): Vanessa Lanier
Research Mentor(s): Darlene Xiomara Rodriguez

91: *Listening Sessions: A Bridge to Trust and Change*
Poster Presentation
Undergraduate Student(s): Kaleigh Raulerson
Research Mentor(s): Darlene Xiomara Rodriguez

92: *Nonprofit Who? Using Storytelling as an Online Marketing Strategy*
Poster Presentation
Undergraduate Student(s): Norma Zúñiga
Research Mentor(s): Darlene Xiomara Rodriguez

93: *Volunteers Across the Generations, They are Not all the Same*
Poster Presentation
Undergraduate Student(s): Lennetta Graham
Research Mentor(s): Darlene Xiomara Rodriguez
Poster Presentation
Undergraduate Student(s): Victoria McCormick
Research Mentor(s): Darlene Xiomara Rodriguez

95: “Secure the Bag”: Collaborations
Poster Presentation
Undergraduate Student(s): Danita A. Austin
Research Mentor(s): Darlene Xiomara Rodriguez

96: Building and Sustaining the Feminist Future: Planned Giving
Poster Presentation
Undergraduate Student(s): Dartricia Rollins
Research Mentor(s): Darlene Xiomara Rodriguez

97: Cultural Competency towards the Middle Eastern Population as Seen Through the Lens of Middle Easterns
Poster Presentation
Undergraduate Student(s): Tania Jajeh
Research Mentor(s): Mary Beth Maguire, Doreen Wagner, Rita Bailey

98: Reducing the Risk: Effects of Different Educational Interventions on College Students’ Knowledge of HIV/AIDS
Poster Presentation
Undergraduate Student(s): Adaeze Okere
Research Mentor(s): Rachel Myers, Doreen Wagner

Poster Session #2 Placement Assignment
3:00pm – 4:00pm

1: Mitigating the Effects of Class Imbalance Using SMOTE and Tomek Link Undersampling in SAS®
Poster Presentation
Graduate Student(s): Jonathan Boardman, Kyle Biron
Research Mentor(s): Xuelei Ni
2: *Analysis of novel heart defects in akirin mutants*
Poster Presentation
Undergraduate Student(s): Hayley Milner, Madison Hupp
Graduate Student(s): Austin Howard
Research Mentor(s): Scott J. Nowak

3: *Improved Regional Sports Scheduling using SAS Optgraph*
Poster Presentation
Graduate Student(s): Andrew Henshaw
Research Mentor(s): Joe DeMaio

4: *An Optimized Route for Q100's Bert and Kristin to Visit all Jersey Mike's Subs in Atlanta for Charity*
Poster Presentation
Graduate Student(s): Sanjoosh Akkineni, Andrew Henshaw, Jessica Rudd, Lauren Staples
Research Mentor(s): Joe DeMaio, Lin Li

5: *A Comparison of Intrauterine Growth Chart’s Classification of Infants Birth Weight in the NICU*
Poster Presentation
Undergraduate Student(s): Daniel Waskiewicz, Bryan Yockey, Amanda Mendoza
Graduate Student(s): Cooper Jannuzzo, Kyle Biron
Research Mentor(s): Louise Lawson, Nicole Ferguson

6: *Investigating Predictors of Hypoglycemia*
Poster Presentation
Undergraduate Student(s): Thomas Holmes
Research Mentor(s): Louise Lawson, Nicole Ferguson

7: *A Graph Theoretic Analysis of the Vector Space Model of Research Papers Similarity*
Poster Presentation
Graduate Student(s): Mohammad Masum
Research Mentor(s): Joe DeMaio
8: *Social Network Analysis in Supreme Court Case Rulings by Precedence Using SAS Optgraph/Python*
Poster Presentation
Graduate Student(s): Symon Kimitei
Research Mentor(s): Joe DeMaio

9: *Shh/Gremlin/Fgf regulatory network genes are expressed during both fin and urogenital development in paddlefish*
Poster Presentation
Undergraduate Student(s): Liz Osburn, Bonnie McKinnon
Research Mentor(s): Marcus Davis, Amanda Cass

10: *Characterization of the Molecular Defects of 9p Deletion Syndrome using CRISPR Technology*
Poster Presentation
Undergraduate Student(s): Anna Gaede, Divine Forteh-Ngochi, Leilani Manera
Research Mentor(s): Xueya Hauge

11: *Detection of Chitinase and β-1, 3 Glucanase Genes Against Aspergillus flavus in Transformed Peanuts*
Poster Presentation
Undergraduate Student(s): Rilwan Solarin, Glodi Bokanya, Roxie Lazo-Gonzalez
Research Mentor(s): Premila Achar

12: *Effects of Essential Oils as Antifungal agents against Aspergillus flavus and Aspergillus parasiticus and detection of Aflatoxin B1*
Poster Presentation
Undergraduate Student(s): Yawa Zolome, Shideh Khorsandi
Research Mentor(s): Premila Achar

13: *Real-Time Analysis of Cellular Trafficking of APE1 in Cancer Cells*
Poster Presentation
Undergraduate Student(s): Steven Ho
Research Mentor(s): Jonathan McMurry, Julia LeCher

14: *Mitochondrial targeting of protein cargos exogenously delivered via a novel cell-penetrating peptide adaptor system*
Poster Presentation
Undergraduate Student(s): Hope Didier
Research Mentor(s): Jonathan McMurry, Julia LeCher

15:

16:

17: Designer Cell-Penetrating Peptides for the Treatment of Cervical Cancer
Poster Presentation
Undergraduate Student(s): Juana C. Bejarano
Research Mentor(s): Jonathan L. McMurry, Julia C. LeCher

18: Kinetic Characterization of Cellular Entry, Trafficking and Cargo Release by a Novel TAT-Derived Cell-Penetrating Peptide
Poster Presentation
Undergraduate Student(s): Hannah Moorman
Graduate Student(s): Robert L. Dickson
Research Mentor(s): Jonathan McMurry, Julia LeCher, Daniel Morris

19: Characterization of Candida auris a novel drug resistant fungal pathogen
Poster Presentation
Undergraduate Student(s): Ruby Rizvi, Carlye Lapham
Graduate Student(s): Ryan Parker
Research Mentor(s): Christopher Cornelison, Kyle Gabriel

20: Evaluating Volatile Organic Compounds for Contact-Independent Antagonism of Pseudogymnoascus destructans
Poster Presentation
Undergraduate Student(s): Ashley McDonald
Research Mentor(s): Christopher Cornelison, Kyle Gabriel

21: Leveraging Gene Disc® Real-Time PCR Technology for the Targeted Production of Unique Barrel-Aged Beer
Poster Presentation
Undergraduate Student(s): Michael Monsees
Research Mentor(s): Chris Cornelison, Kyle Gabriel

22: New Developments in the Chemistry of polyNHCs: Synthesis and Coordination
Poster Presentation
Undergraduate Student(s): Alexander Mason, Reagan Hooper
Graduate Student(s): Richard Justice
Research Mentor(s): Daniela Tapu

23: New Cerberus-type N-Heterocyclic Carbenes: Synthesis and Coordination
Poster Presentation
Undergraduate Student(s): Reagan Hooper, Natalie Harris, John Malone
Graduate Student(s): Maleek Montgomery
Research Mentor(s): Daniela Tapu

24: Toward the Development of a New tris-NHC. Coordination to Coinage Metals
Poster Presentation
Undergraduate Student(s): Shawn Allison, Andrew Duenas
Graduate Student(s): Maleek Montgomery
Research Mentor(s): Daniela Tapu

25: Synthesis of alpha-Alkynyl- and Aziridinyl-phosphonates from alpha-Phosphonovinyl Triflates
Poster Presentation
Graduate Student(s): M. Tanner Dawson, David Kercher
Research Mentor(s): Christopher W. Alexander

26: Silicone Wristbands as a Passive Personal Detection Device and the Creation of Calibration Curves using SAS
Poster Presentation
Undergraduate Student(s): Francisca L Small
Research Mentor(s): Christopher R. Dockery

27: Content of Diphenhydramine in Various Over-the-Counter Medications Using Ultraviolet/Visible Spectrometry
Poster Presentation
Undergraduate Student(s): Dalton Boutwell, Brianna Nicole Woolery
Research Mentor(s): Huggins Z. Msimanga
29: Specific Histidines Play A Role in pH Sensing
Poster Presentation
Undergraduate Student(s): James Scott, Emily Onyekwere
Research Mentor(s): Susan Smith

30: Evaluation of Leadership Styles and Teachers’ Self-Efficacy Among a Cohort of Chemistry and Physics Teachers
Poster Presentation
Undergraduate Student(s): Sarah Ake, Jared Long
Research Mentor(s): Michelle L. Head

31: Design of Silicone Based Composite Materials Consisting of Zinc Oxide Nanorods and Gold Nanoparticles: Photocatalytic Activity
Poster Presentation
Undergraduate Student(s): Kristi Moncja
Research Mentor(s): Bharat Baruah

32: Design of Graphene@Sand Composites for Water Purification
Poster Presentation
Undergraduate Student(s): Connie Wei
Research Mentor(s): Bharat Baruah

Poster Presentation
Undergraduate Student(s): Latanya S. Downer
Research Mentor(s): Bharat Baruah

34: Understanding Voltage-gated Sodium Channel Auxiliary Subunits via Bioinformatics
Poster Presentation
Undergraduate Student(s): Nathaly Maia, Daisy McGrath, Nicholas Revelas
Research Mentor(s): Tsai-Tien Tseng
35: Design of CF@AgNPs Composite Materials by in-situ Synthesis of AgNPs on Cotton Fabric: SERS Detection
Poster Presentation
Undergraduate Student(s): Michael Woods
Research Mentor(s): Bharat Baruah

36: Active Learning—The Key to Students’ Academic Success Within Science and Mathematics Courses?
Poster Presentation
Undergraduate Student(s): Cynney Walters
Research Mentor(s): Kadian M. Callahan, Scott A. Reese

37: A Data-Driven Framework for the Advancement of Disabled Persons
Poster Presentation
Undergraduate Student(s): Mizzani Walker-Holmes
Research Mentor(s): Meng Han

38: A Mathematical Model for the Effect of Domestic Animals on the Basic Reproduction Number of Human African Trypanosomiasis (Sleeping Sickness)
Poster Presentation
Undergraduate Student(s): Sagi Shaier
Research Mentor(s): Meghan Burke

39: Efficient Plant Arrangements
Poster Presentation
Undergraduate Student(s): Winston Smith
Research Mentor(s): Jennifer Vandenbussche

40: Inquiry on the Accuracy of Grades on Representing Acquired Knowledge
Poster Presentation
Undergraduate Student(s): Sourav Debnath
Research Mentor(s): Paola Spoletini

41: Animal Detection Using R-CNN
Poster Presentation
Undergraduate Student(s): John Jajeh, Masood Abdul Salam
Research Mentor(s): Mignon Kang

42: Food for Thought
Poster Presentation
Undergraduate Student(s): Mizzani Walker-Holmes
Research Mentor(s): Carl DiSalvo

43: A Design Study on Modular Transportation for Instructional Durston Mill
Poster Presentation
Undergraduate Student(s): Alain J. Santos, Christopher Roper, Franklin Woods, Alexander Bryant
Research Mentor(s): Valmiki Sooklal

44: Wireless Geiger Counter Development and Verification of Radiation Principles
Poster Presentation
Undergraduate Student(s): Scott Michael
Research Mentor(s): Eduardo B. Farfán

45: CFD Simulation of Pebble Bed Reactor for Various Gases
Poster Presentation
Undergraduate Student(s): Daniel Bain, Julian Spangler, Andrew Jones
Research Mentor(s): Tien Yee, Eduardo Farfan, Justin Park

46: Investigation of Cell Damage in Porcine Heart Tissue Irradiated by a 808-nm Wavelength Laser Source
Poster Presentation
Undergraduate Student(s): Daniela Rodriguez, Elaine Bradley, Jamey Ackley
Research Mentor(s): Valmiki Sooklal, Sathish Gurupatham

47: Compliant Translational Double Exact Dwell Mechanism
Poster Presentation
Undergraduate Student(s): Hongkuan Lin
Research Mentor(s): Ayse Tekes

48: Take Home Control Laboratory Equipment Design
Poster Presentation
Undergraduate Student(s): Jason Choo, Mitchell Bearden, Aaron Nauert
Research Mentor(s): Ayse Tekes

49: Learning While Flying – A Simulation Based Case Study
Poster Presentation
Undergraduate Student(s): Alain J. Santos, Christopher Roper, Andrew Pirrello
Research Mentor(s): Adeel Khalid

50: [Re]Defining Chandigarh
Poster Presentation
Undergraduate Student(s): Dhruvee Patel
Research Mentor(s): Ameen Farooq, Peter Pittman

51: Atlanta BeltLine: Ecological Utopia or Aestheticized Uneven Development?
Poster Presentation
Undergraduate Student(s): Griffin Matthews
Research Mentor(s): Sarasij Majumder

52: Indus Civilization in High School World History Textbooks
Poster Presentation
Undergraduate Student(s): Aubree Martin
Research Mentor(s): Teresa Raczek

53: A Spatial Analysis of Factors Influencing Beer Locations
Poster Presentation
Undergraduate Student(s): Erick Owens
Research Mentor(s): Mark Patterson

54: 

55: The Art and Production of Maya Eccentrics
Poster Presentation
Undergraduate Student(s): Ellie Stanley
Research Mentor(s): Terry Powis

56: How Students Feel Their Academic Performance is Impacted by Their Housing Situation
Poster Presentation
Undergraduate Student(s): Ryan Seedorf
Research Mentor(s): Brandon D. Lundy

57: Support for the Preservation of Cultural Heritage
Poster Presentation
Undergraduate Student(s): Lydia Wood
Research Mentor(s): Brandon D. Lundy

58: Energy Consumption at Kennesaw State University and Potential Conservation Strategies
Poster Presentation
Undergraduate Student(s): Rachel Langkau
Research Mentor(s): Brandon D. Lundy

59: To Be or Not to Be Effective: Negotiating NAGPRA Law in the Southeastern United States
Poster Presentation
Undergraduate Student(s): Alexandra Beckett
Research Mentor(s): Brandon D. Lundy

60: Dungeons and Dragons: Social Needs met through Gaming?
Poster Presentation
Undergraduate Student(s): Cassidy Steele
Research Mentor(s): Brandon D. Lundy

61: Historic Preservation in North Georgia: Effectiveness in Financial and Visitor Sustainability
Poster Presentation
Undergraduate Student(s): Camille Coe
Research Mentor(s): Brandon D. Lundy

62: Effects of Violent Entertainment Imagery on U.S. Society
Poster Presentation
Undergraduate Student(s): Kenya Cummings
Research Mentor(s): Brandon D. Lundy
**63: Diversity in Video Games: The Personal Experience of Gamers**
Poster Presentation
Undergraduate Student(s): Rebecca Ruggles
Research Mentor(s): Brandon D. Lundy

**64: Factors that Affect Veteran Employment and Reintegration**
Poster Presentation
Undergraduate Student(s): Jeff Roberts
Research Mentor(s): Brandon D. Lundy

**65: Many Faiths, One Beginning: Universality in Norse, Maya, Greek and Celtic Faiths**
Poster Presentation
Undergraduate Student(s): Adam Cusick
Research Mentor(s): Terry Powis

**66: Innovation of Design: Early Ceramic Vessel Traditions In The Southeast**
Poster Presentation
Undergraduate Student(s): Gary Owenby
Research Mentor(s): Terry Powis

**67: “And the Point Is?” An Analysis of Intact Projectile Points from a Middle Woodland Period Site**
Poster Presentation
Undergraduate Student(s): Will Heflin
Research Mentor(s): Terry Powis

**68: Geography of Birders: Spatial Connections Through the Lens of Birdwatching**
Poster Presentation
Undergraduate Student(s): Nicki Smith
Research Mentor(s): Ulrike Ingram

**69: HopeWorks**
Poster Presentation
Undergraduate Student(s): Matthew Henning
Research Mentor(s): Ulrike Ingram
70: The Spatial Relationship between Water Quality and Roads/Traffic in Northern Georgia, USA
Poster Presentation
Undergraduate Student(s): Emily Aust
Research Mentor(s): Jun Tu

71: Where We Get Our Information: Gender Representation in Archaeology Textbooks
Poster Presentation
Undergraduate Student(s): Chelsea Smith
Research Mentor(s): Teresa P. Raczek

72: Discovering Ierapetra: Arthritis in Roman Crete
Poster Presentation
Undergraduate Student(s): Alexandra Beckett
Research Mentor(s): Susan Kirkpatrick Smith

73: The Effect of Surface Runoff on the Water Quality of a Creek Located on the Campus of Kennesaw State University
Poster Presentation
Undergraduate Student(s): Benjamin Nwadike, Ben Harner
Research Mentor(s): Lisa Adams

74: Using Ion Competition to Evaluate the Collapse of Vermiculite Interlayers
Poster Presentation
Undergraduate Student(s): Samantha Swartzendruber
Graduate Student(s): James Thornhill
Research Mentor(s): Daniel Ferreira

75: The Effect of Biased Media on Degree of Opinion Change Concerning Nuclear Energy as a Function of Education Level
Poster Presentation
Undergraduate Student(s): Reed Walker
Research Mentor(s): Daniel Ferreira

76: Has Urbanization Had an Effect on the Spawning Season of Campostoma oligoplepis, Largescale Stonerollers?
Poster Presentation
Graduate Student(s): Kelly Linz
Research Mentor(s): William Ensign

77: War over Water. The Battle That Has Been Simmering for Decades.
Poster Presentation
Graduate Student(s): Kelly Linz
Research Mentor(s): Nancy Pullen

78: Call It Love or Call It Reason: The Rhetoric of Phil Ochs
Poster Presentation
Undergraduate Student(s): Annie Doragh
Research Mentor(s): Letizia Guglielmo

79: Tracing Misogyny in American Culture
Poster Presentation
Undergraduate Student(s): Jeremy Hall, Brayden Milam
Research Mentor(s): Letizia Guglielmo

80: “Corn and Tomatoes” – An Edible History Project Examining Their Historical Role in Southern Foodways
Poster Presentation
Graduate Student(s): Suzie McWhirter
Research Mentor(s): Tom Okie

81: Is it Stereotypical? The Language and Tone Presented by the Female Characters in "The Office"
Poster Presentation
Undergraduate Student(s): Chinonye Nwachukwu
Research Mentor(s): Jeanne Bohannon

82: Silently Struggling in a New World: Exploring English Language Learners with Language Disabilities
Poster Presentation
Undergraduate Student(s): Cindy Andrea Terrey
Research Mentor(s): Jeanne Bohannon

83: A Study on Social Media’s Influence Upon the Evolution of Slang
Poster Presentation
Undergraduate Student(s): Mary Kate Sturgeon
Research Mentor(s): Jeanne Bohannon

**84: Dialectal Differences in Literature**
Poster Presentation
Undergraduate Student(s): Katarina Kocsisova
Research Mentor(s): Jeanne Bohannon

**85: First-Year Student Comprehension of Graphic Textbooks**
Poster Presentation
Undergraduate Student(s): Matthew Tikhonovsky
Research Mentor(s): Amy Buddie

**86: “Girls Are Such a Drag”: A Sociolinguistic Analysis of Misogynistic Lyrics in Pop Punk Music**
Poster Presentation
Undergraduate Student(s): Ash Scarborough
Research Mentor(s): Jeanne Bohannon

**87: To Believe or Not to Believe? A Linguistic Analysis of Twitter Users’ Responses to Sexual Assault Allegations Against Prominent Male Figures**
Poster Presentation
Undergraduate Student(s): Madison Bodenhamer
Research Mentor(s): Jeanne Bohannon

**88: What’s Not to “Like”? University Police Departments’ Facebook Outreach**
Poster Presentation
Undergraduate Student(s): Brittany Brewer, Landon Carver, Kathryn Deaton, Tequila Jackson, Kelly Neal, Aimee Ouellet, Leah Reilly, Danielle Teemer
Research Mentor(s): Beverly Crank, Heidi Scherer

**89: Eliminating Drug Use: A Comparative Analysis of the Efficacy of Substance Abuse Intervention Programs**
Poster Presentation
Undergraduate Student(s): Karen Perdue, Debra Duggens, Kendell Kievit, Lindsay Sears
Research Mentor(s): Evelina Sterling
90: Cyberbullying Victimization and Psychological State
Poster Presentation
Graduate Student(s): Mark Walker
Research Mentor(s): Gang Lee

91: Criminal Activity in America’s Sanctuary Cities
Poster Presentation
Undergraduate Student(s): Alyssa Ross
Research Mentor(s): April Johnson

92: Uncovering the Truth Behind Chemical Weapons in the Syrian War
Poster Presentation
Undergraduate Student(s): Brandon Christopher Vines
Research Mentor(s): (not submitted)

93: Comparison of Predicted and Measured Resting Metabolic Rate Methods Among CrossFit-Trained Athletes
Poster Presentation
Undergraduate Student(s): Aylisis Rodriguez, Isabel Fabacher, Kathryn Brown
Graduate Student(s): Alyssa J. Holmes
Research Mentor(s): Yuri Feito, Trisha VanDusseldorp, Gerald Mangine, Tiffany Esmat

94: Mid-Thigh Pull Force-Time Characteristics in Elite and Recreational High-Intensity Functional Training (HIFT) Athletes
Poster Presentation
Undergraduate Student(s): Christian Almeda
Research Mentor(s): Gerald Mangine, Yuri Feito, Trisha VanDusseldorp, Tiffany Esmat

95: The Impact of Communitas and Liminality on Team Identification: What Should a New College Football Team’s Game Include to Attract More Students?
Poster Presentation
Graduate Student(s): Davetta Lackey
Research Mentor(s): Kyu-Soo Chung

96: National Football League’s Protests and its Effects on NFL Viewers
Poster Presentation
Undergraduate Student(s): Jacqueline Kisthardt
Research Mentor(s): Kyu-Soo Chung

97: Relationships Between Sprint Acceleration and Broad Jump Kinetics in NFL Draft Prospects
Poster Presentation
Undergraduate Student(s): Jacob McNabb
Research Mentor(s): Gerald Mangine, Yuri Feito, Trisha VanDusseldorp

98: Effects of Short-Term Resistance Training on Maximal and Rapid Torque Characteristics in Older Males
Oral Presentation
Graduate Student(s): Alex Olmos
Research Mentor(s): Garrett Hester

99: Age Does Not Attenuate Maximal Strength and Acceleration Adaptations To Unilateral Resistance Training
Poster Presentation
Undergraduate Student(s): Alyssa Bailly, Blakely Epperson
Graduate Student(s): Alex Olmos
Research Mentor(s): Garrett Hester

100: Perceptions of Phubbing: A Comparison of Self, Friends, and Romantic Partners
Poster Presentation
Undergraduate Student(s): Sarai Bauguess, Robbie Cronin
Research Mentor(s): Amy Buddie

Oral Presentation Schedule

Oral Session 1 (9:30am – 10:45am)
Bagwell Education Building 219

9:30am – 9:45am
Feminist Bookstores and Gender and Women's Studies Activism
Oral Presentation
Undergraduate Student(s): Dartricia Rollins
Research Mentor(s): Letizia Guglielmo
9:50am – 10:05am
Misogyny in American Culture: A Case Study on Radio and Journalism
Oral Presentation
Undergraduate Student(s): Jordan Hawthorn, Laine Magaletta, Andrea Putala
Research Mentor(s): Letizia Guglielmo

10:10am – 10:25am
Microaggressions of Gender Towards Women in the Gaming Community
Oral Presentation
Undergraduate Student(s): Girard Young Jr
Research Mentor(s): Jeanne Law Bohannon

10:30am – 10:45am
Potential for Change: The Power of Instagram as Space for Rhetorical Discourse on Disability
Oral Presentation
Undergraduate Student(s): Jade Rivers
Research Mentor(s): Letizia Guglielmo

Oral Session 1 (9:30am – 10:45am)
Bagwell Education Building 221

9:50am – 10:05am
Assessing Gender Differences in Sexual Trafficking Attitudes and Myth Acceptance
Oral Presentation
Undergraduate Student(s): Elizabeth Perry, Jonathan McFarland, Mandy Losito, Meghean Teefy, Alexandria Goldstein
Research Mentor(s): Dorothy F. Marsil, Corinne McNamara

10:10am – 10:25am
Individuals with Higher Education Levels Increase Voter Turnout Rates
Oral Presentation
Undergraduate Student(s): Lauren Wilhite
Research Mentor(s): April Johnson

10:30am – 10:45am
Public’s Perception of Legitimacy Regarding the US Supreme Court
Oral Presentation
Undergraduate Student(s): Justin Kelley
Research Mentor(s): April Johnson

Oral Session 1 (9:30am – 10:45am)
Bagwell Education Building 222

9:30am – 9:45am
Flight and Jump Muscles Respond Differently to Experimental Cachexia and Impaired Insulin Signaling
Oral Presentation
Graduate Student(s): Matthew Giedd
Research Mentor(s): Anton Bryantsev

9:50am – 10:05am
Confirming the Functional Roles of the Ortholog Genes ahpB of Aeromonas hydrophila and hap of Aeromonas salmonicida
Oral Presentation
Undergraduate Student(s): Rahiq Rahman
Research Mentor(s): Donald McGarey

10:10am – 10:25am
Identification of a novel C. elegans CAMSAP/patronin allele via RNAseq
Oral Presentation
Undergraduate Student(s): Wendy Verola
Graduate Student(s): Wendy Aquino Nunez
Research Mentor(s): Martin Hudson

10:30am – 10:45am
Next Generation Supersonic Candidate Engine and Aircraft Design
Oral Presentation
Undergraduate Student(s): Alain J. Santos, Christopher Roper, Jordan Fraser
Research Mentor(s): Adeel Khalid

10:45am – 11:00am
Cell Quantification Using Microfluidics
Oral Presentation
Undergraduate Student(s): Michael Nolan, Nicholas Foster, Danyal Haider, Fang-Chen Lin, Joseph Lee
Oral Session 1 (9:30am – 10:45am)
Bagwell Education Building 327

9:30am – 9:45am  
*Dialect of The Coen Brothers*  
Oral Presentation  
Undergraduate Student(s): John Samuel Mecum  
Research Mentor(s): Jeanne Bohannon

9:45am – 10:00am  
*Hard and Brittle: Subversive and Subjective Language in The Glass Menagerie*  
Oral Presentation  
Undergraduate Student(s): Jennifer Frykman  
Research Mentor(s): Jeanne Bohannon

10:00am – 10:15am  
*The Semantics Behind Saltwater Geechee*  
Oral Presentation  
Undergraduate Student(s): Sophia Dammann  
Research Mentor(s): Jeanne Bohannon

10:15am – 10:30am  
*Epiphanius’s Condemnation of the Nazarenes: When Orthodox Christian Theology is Threatened by Jewish Practice*  
Oral Presentation  
Undergraduate Student(s): Erik Mattson  
Research Mentor(s): Brian Swain

10:30am – 10:45am  
*Christian "Atheism": A New Perspective in Light of Second Temple Judaism*  
Oral Presentation  
Undergraduate Student(s): Jonathan Mann  
Research Mentor(s): Brian Swain

Oral Session 1 (9:30am – 10:45am): College of the Arts  
Wilson Building 114
9:30am – 9:45am
*Unfinished Women*
Performance
Undergraduate Student(s): Rachel Rabeneck
Research Mentor(s): Laurence Sherr

9:50am – 10:05am
*The Development of the Saxophone*
Oral Presentation
Undergraduate Student(s): Jonathan Steltzer, Matthew Hodgetts
Research Mentor(s): Edward Eanes

10:10am – 10:25am
*The Wagner Tuba*
Oral Presentation
Undergraduate Student(s): William Hancock, Hayden McAfee
Research Mentor(s): Edward Eanes

10:30am – 10:45am
*Do You Speak Twin?*
Oral Presentation
Undergraduate Student(s): Coty Peltonen
Research Mentor(s): Jeanne Bohannon

**Oral Session 2 (11:00am – 12:15pm)**
**Bagwell Education Building 219**

11:00am – 11:15am
*The Process of Developmental Editing*
Oral Presentation
Undergraduate Student(s): Courtney Bradford
Research Mentor(s): Lara Smith-Sitton

11:20am – 11:35am
*Why Students Should Story Themselves: The Benefits of Autoethnographic Writing*
Oral Presentation
Undergraduate Student(s): Stephen Oweida
Research Mentor(s): Lara Smith-Sitton

11:40am – 11:55am
**Imprimatur: A Poetry Reading**
Oral Presentation
Graduate Student(s): Valerie Smith
Research Mentor(s): Tony Grooms, Ralph Wilson, JoAnn LoVerde-Dropp

12:00pm – 12:15pm
**Write it Out: Reflective Writing in Writing Centers**
Oral Presentation
Graduate Student(s): Emily Deibler
Research Mentor(s): Lara Smith-Sitton

**Oral Session 2 (11:00am – 12:15pm)**
Bagwell Education Building 221

11:00am – 11:15am
**I'm a Real Girl! - Patriarchy and the Dehumanization of Fat Women in Theatre**
Oral Presentation
Undergraduate Student(s): Amy Reynolds
Research Mentor(s): Angela Farr Schiller

11:15am – 11:30am
**A Theatrical Perspective Inside of the U.S. Armed Force’s Silent Voice Dealing with Military Homeless Veterans**
Oral Presentation
Undergraduate Student(s): Byron Clemons
Research Mentor(s): Angela Farr Schiller

11:30am – 11:45am
**The 1/8th Rule: An Exploration of Race, Sex, and Dion Boucicault’s The Octoroon**
Oral Presentation
Undergraduate Student(s): Truman Griffin
Research Mentor(s): Angela Farr Schiller

11:45am – 12:00pm
**Formalist Analysis in Acting**
Oral Presentation
Undergraduate Student(s): Annaliese Bauer
Research Mentor(s): Margaret Baldwin Pendergrass

Oral Session 2 (11:00am – 12:15pm)
Bagwell Education Building 222

11:00am – 11:15am
*Defining “Healthy”: Changing Food Trends Over The Past 150 Years*
Oral Presentation
Undergraduate Student(s): Hannah Carter, Sarai Bauguess, Caitlin Streetman, Simon Gipson
Research Mentor(s): Evelina Sterling

11:15am – 11:30am
*College Students Who Are Parents: Opportunities and Barriers for Success*
Oral Presentation
Undergraduate Student(s): Tequila Porter
Research Mentor(s): Evelina Sterling

11:30am – 11:45am
*Factors Influencing Dog Adoptability*
Oral Presentation
Undergraduate Student(s): Sarai Bauguess
Research Mentor(s): Amy Buddie

11:45am – 12:00pm
*The Study Abroad Model in Public Health: Are We Doing More Harm than Good?*
Oral Presentation
Undergraduate Student(s): Christen Robinson
Research Mentor(s): Mari-Amanda Dyal

12:00pm – 12:15pm
*The Lived Experience of Afghan Women Refugees in Three Metropolitan Areas of the Southeastern US: A Phenomenological Study*
Oral Presentation
Graduate Student(s): Brenda Brown
Research Mentor(s): Mary de Chesnay
Oral Session 2 (11:00am – 12:15pm)
Bagwell Education Building 204

11:00am – 11:15am
*The Peace Corps and Youth Development: Returned Volunteers’ Perceptions of Practice*
Oral Presentation
Graduate Student(s): Gianni Bisio
Research Mentor(s): Darina Lepadatu

11:15am – 11:30am
*Adaptability: The Role of Conflict Managers in Crises*
Oral Presentation
Graduate Student(s): Joshua Hill
Research Mentor(s): Darina Lepadatu

11:30am – 11:45am
*Black and Blue Lives Matter - Improving Relations by the Police and the African American Community by Addressing Perceptions*
Oral Presentation
Graduate Student(s): Brenda L. Cleaver
Research Mentor(s): Darina Lepadatu

11:45am – 12:00pm
*Using Biometric Tools to Understand the Relationship Between Individual Characteristics and Cognitive Abilities*
Oral Presentation
Graduate Student(s): Solome Mekbib
Research Mentor(s): Adriane B. Randolph, Kimberly Cortes

12:00pm – 12:15pm
*The Experience of Being Hungry*
Oral Presentation
Graduate Student(s): Almuth Merkel
Research Mentor(s): Darina Lepadatu

12:15pm – 12:30pm
The Relationship Between Law and Dispute Resolution: Assessing the Level of Mediation Enculturation in the Legal Community
Oral Presentation
Graduate Student(s): Vittorio Indovina
Research Mentor(s): Darina Lepadatu

Oral Session 2 (11:00am – 12:15pm)
Bagwell Education Building 402

11:00am – 11:15am
Live Gamma Ray Camera
Oral Presentation
Undergraduate Student(s): Joshua Johnson, Michael Jerrell
Research Mentor(s): Eduardo Farfan

11:15am – 11:30am
PuO2 and ThO2 Thermal Conductivity Sensitivity to Various Defects
Oral Presentation
Undergraduate Student(s): Alex Resnick
Research Mentor(s): Jungkyu Park, Eduardo Farfan

11:30am – 11:45am
Compliant Swashplate Design for Model Helicopters
Oral Presentation
Undergraduate Student(s): Niko Giannakakos, Alexander Bryant, Megan Masters
Research Mentor(s): Ayse Tekes, Adeel Khalid

11:45am – 12:00pm
Cyber Security of American Nuclear Facilities
Oral Presentation
Undergraduate Student(s): Jake L. Massingill
Research Mentor(s): Eduardo Farfan, Jungkyu Park, Tien Mun Yee

12:00pm – 12:15pm
Adjustable Compliant Mechanism Load Deflection Test Bench Design
Oral Presentation
Undergraduate Student(s): Franklin Woods, Alexander Bryant
Research Mentor(s): Ayse Tekes, Kevin McFall
Oral Session 3 (12:30pm – 1:45pm)
Bagwell Education Building 219

12:30pm – 12:45pm
*The Modern American Woman’s Performance of Gender*
Oral Presentation
Undergraduate Student(s): Rachel Novak
Research Mentor(s): Angela Farr Schiller

12:45pm – 1:00 pm
*ACCEPTANCE: Training Peer Mentors Using Evidence Based Practices*
Graduate Student(s): Jasmine V. Ennis
Oral Presentation
Research Mentor(s): Kate Zimmer

1:00pm – 1:15 pm
*Udea: Fairytales and Human Trafficking*
Performance
Undergraduate Student(s): Dylan Carter
Research Mentor(s): Angela Farr Schiller

1:15pm – 1:30 pm
*The Misconceptions of Native Americans in Education’s Past*
Oral Presentation
Undergraduate Student(s): Erin Tinnell
Research Mentor(s): Sohyun An

1:30pm – 1:45 pm
*The Octoroon: Homophobia in the Antebellum American South*
Oral Presentation
Undergraduate Student(s): Dylan Carter
Research Mentor(s): Angela Farr Schiller

Oral Session 3 (12:30pm – 1:45pm)
Bagwell Education Building 221

12:30pm – 12:45pm
*Sociolinguistic Analysis of Asian American English*
Oral Presentation
Undergraduate Student(s): Jin Jo, Madison Palmer
Research Mentor(s): Jeanne Bohannon

12:50pm – 1:05pm
Phil Elverum and American Transcendentalism
Oral Presentation
Undergraduate Student(s): Emmanuel Castillo
Research Mentor(s): Jeanne Bohannon

1:10pm – 1:25pm
From Social Media to KSU: The Language and Presence of the Far Right
Oral Presentation
Undergraduate Student(s): Annie Doragh
Research Mentor(s): Jeanne Bohannon

1:30pm – 1:45pm
Me, Myself, and They: The Use of Non-Binary Gender Language in Steven Universe
Oral Presentation
Undergraduate Student(s): Samantha Rotunno
Research Mentor(s): Jeanne Bohannon

Oral Session 3 (12:30pm – 1:45pm)
Bagwell Education Building 222

12:30pm – 12:45pm
Characterizing SpNox Enzyme Chimeras
Oral Presentation
Undergraduate Student(s): Brittany Notice, Emily Onyekwere
Research Mentor(s): Susan Smith

12:45pm – 1:00pm
Determining the Cognitive Load of a Virtual Substrate Docking Activity in Biochemistry
Oral Presentation
Graduate Student(s): Jenifer Calvert
Research Mentor(s): Kimberly Cortes, Adriane Randolph
1:00pm – 1:15pm
Use of Biometric Techniques to Determine Differences in Exposure to Content when Reading and Processing Metabolic Pathways
Oral Presentation
Graduate Student(s): Kimberly Kammerdiener
Research Mentor(s): Kimberly Cortes, Adriane Randolph

1:15pm – 1:30pm
Linking Spatial Distributions of Injury on Seagrass Blades of Thalassia Testudinum to Sea Urchin Lytechinus Variegatus Grazing Patterns
Oral Presentation
Graduate Student(s): Adrianna L. Parson
Research Mentor(s): Joseph M. Dirnberger

1:30pm – 1:45pm
Acting Like A Woman: Patriarchy and the Performance of the Female Athlete
Oral Presentation
Undergraduate Student(s): LaTausha Carter
Research Mentor(s): Angela Farr Schiller

Oral Session 3 (12:30pm – 1:45pm)
Bagwell Education Building 204

12:30pm – 12:45pm
Reparations for Conflict Based Sexual and Gender Based Violence: Victims’ Narratives from the DRC, the Rape Capital of the World
Oral Presentation
Graduate Student(s): Brittany Foutz
Research Mentor(s): Darina Lepadatu

12:45pm – 1:00pm
Negotiation and Conflict Resolution Strategies of Millennials in the Workplace
Oral Presentation
Graduate Student(s): Cynthia P. LeMay
Research Mentor(s): Darina Lepadatu

1:00pm – 1:15pm
Female Labor in the Arab Gulf: Towards a Feminist and Intersectional Understanding of Women’s Empowerment in Oman
Oral Presentation
Graduate Student(s): Hania Bekdash
Research Mentor(s): Darina Lepadatu

1:15pm – 1:30pm
*In What Ways and Under What Conditions are Internet and Communication Technologies (ICTs) Managing Election and Ethnic Violence in Kenya*
Oral Presentation
Graduate Student(s): Kevin A. McMahon
Research Mentor(s): Darina Lepadatu

1:30pm – 1:45pm
*The Space for Uncertainty: U.S. Mediators’ Experience with Ambiguity and Self-Awareness During Mediation*
Oral Presentation
Graduate Student(s): Jessica Hill
Research Mentor(s): Darina Lepadatu

**Oral Session 3 (12:30pm – 1:45pm)**
**Bagwell Education Building 402**

12:30pm – 12:45pm
*Simulation of Flow in a Pebble-Bed Reactor with a Staggered Pebble Arrangement*
Oral Presentation
Undergraduate Student(s): Julian Spangler, Daniel Bain
Research Mentor(s): Tien Yee, Eduardo Farfan, Justin Park

12:45pm – 1:00pm
*The Effects of Point Defects on Thermal Conductivity in ThO2, PuO2, and UO2*
Oral Presentation
Undergraduate Student(s): Katherine Mitchell
Research Mentor(s): Jungkyu Park, Eduardo Farfan, Tien Yee

1:00pm – 1:15pm
*Novel Vibratory Mechanism Designs for Vibrations and Controls Laboratories*
Oral Presentation
Undergraduate Student(s): Kevin Van Der Horn, Zach Marr, Chong Tian
Research Mentor(s): Ayse Tekes
1:15pm – 1:30pm
*Does CPP Delivered Catalase have Measurable Physiological Effects?*
Oral Presentation
Undergraduate Student(s): Beryl Khakina
Research Mentor(s): Susan Smith, Jonathan McMurry, Julia LeCher

1:30pm – 1:45pm
*Biocontrol of Foodborne Pathogen Salmonella Using Bacteriophage ΦEnt*
Oral Presentation
Undergraduate Student(s): Andrew Marchant, Samantha Thompson, Henry Melgarejo, James Auger
Research Mentor(s): Jean Lu