Student Scholars Symposium
April 20, 2016 – POSTER PRESENTATIONS
12:15 – 3 p.m.  Student Union

KEYNOTE ADDRESS
Mr. Tannie Arnsdorff and Mr. Marshall L. Green
Undergraduate Research: What’s It All About?
Ogeechee Theatre 12:15 - 1 p.m.

LUNCH
Student Union 1 - 2 p.m.

POSTER PRESENTATIONS
Ballrooms A, B and C 1:30 - 3 p.m

April 21, 2016 – ORAL PRESENTATIONS
9:30 a.m. – 6 p.m.  Student Union

Art, Music and Theatre Presentations  Ogeechee Theatre 9:30 - 10:50 a.m.
Biology Presentations  Ballroom A 9:30 a.m. - 1:10 p.m.
Chemistry and Physics Presentations  Ballroom B 9:30 - 11:40 a.m.
Criminal Justice, Social and Political Science Presentations  Skidaway Room 12:30 - 4:10 p.m.
Economics Presentations  Ballroom A 1:10 - 1:50 p.m.
Economics Awards, Monica Lewis Economic Policy Competition 2016 Winner  Ballroom A 2 - 3 p.m.
Education Presentations  Ballroom A 4:10 - 5:10 p.m.
Ballroom C 4:10 - 5:40 p.m.
Functional Morphology Presentations  Ballroom C 11 a.m. - 12:15 p.m.
Gender Studies Presentations  Ogeechee Theatre 3:30 - 4:30 p.m.
History Presentations  Ballroom C 12:30 - 3:50 p.m.
Language, Literature and Philosophy Presentations  Ogeechee Theatre 11 a.m. - 2:20 p.m.
Mathematics Presentations  Ballroom B 11:40 a.m. - 12:30 p.m.
Moot Court Argument Simulation  President's Dining Room 2 - 2:45 p.m.
Nursing Presentation  Skidaway Room 11 - 11:20 a.m.
Rehabilitation Sciences and Physical Therapy Presentations  Ballroom B 1:10 - 5:10 p.m.
Research Assistants Panel  President's Dining Room 12:30 - 1:15 p.m.
Psychology Presentations  Ballroom C 9:30 - 10:45 a.m.
Writing Awards  President's Dining Room 9:30 - 10:45 a.m.
1. Jeanna Adams, Rachel Anderson, Claire Edwards, Taralyn Gillham, Ashley McCurley, PBIS. Mentor: Barbara Serianni, Special and Adult Education

2. **Dina Ahmed, Impacts of Obesity in Pregnancy: Lifestyle Intervention to Improve Outcome. Mentor: Sara Plaspohl, Health Sciences


5. **Andrea Amszynski, Emily Bowen, Improving Expressive Naming Skills in Individuals with Aphasia: Constraint-Induced Therapy versus Gesture/Multimodality Therapy. Mentor: April Garrity, Communication Sciences and Disorders

6. Cheryl Armstrong, Emily Foster, Prestina Harris, Courtney Horne, Carcinoma of the Prostate. Mentor: Pamela Cartright, Radiologic Sciences

7. **Lissette Badillo, Evidence-Based Review of Contradictory Diet and Physical Health Attributes Among Low-Income Hispanic Children. Mentor: Sara Plaspohl, Health Sciences


9. **Victoria Baldwin, How Communication Barriers Between Nurses and Physicians Can Affect a Patient's Quality of Care. Mentor: Lesley Clack, Health Sciences

10. **Cheri Barclay, Erica Brode, Multimodal vs. Constraint-induced: Evidence for a Superior Treatment Technique. Mentor: April Garrity, Communication Sciences and Disorders

11. **Mary Barnes, Which of the four strategies will improve my students' proficiency in multiplication facts the most: One-on-one drill practice, games and practice drills on the computer, or timed practice sheets? Mentor: Jackie Kim, Early Childhood Education

12. Alexandria Battle, Mandy Coleman, Dena Amanda Eaves, Brynn Webster, Glioblastoma. Mentor: Laurie Adams, Radiologic Sciences


15. Kayla Berns, Sexual Assault Prevention and Bystander Training. Mentors: Alison Hatch, Jennifer Wyse, Criminal Justice, Social and Political Science

16. **Karuna Mary Bollam, Evidence Based Support for Self-management of Hypertension Among Young Adults. Mentor: Sara Plaspohl, Health Sciences


18. Skylar Bosak, The Color Red: Does it have an Effect on Attractiveness of Different Races? Mentor: Ho Phi Huynh, Psychology

19. Nick Brodak, Mickel Craig, Nikki Vitistas, Using a controllable promoter to evaluate proteins involved in vesicle transport in fungal cells. Mentor: Sara Gremillion, Biology

20. **Hannah Bryan, Cultural Discourse Analysis of Popular Media. Mentor: Chris Cartright, Languages, Literature and Philosophy

21. **Myka Bussey-Campbell, Food Insecurity and the Lack of Proper Food Education in America. Mentor: Lesley Clack, Health Sciences

22. Amy Butler, Archaeology and Curation. Mentor: Laura Seifert, Criminal Justice, Social and Political Science

23. **James Carl, Improving Accessibility to and Documentation of Light Microscopy: an Evaluation of Technology Resources and Alternative Methods of Preparing Materials for
Microscopic Study of Plants. Mentor: Melanie Link-Pérez, Biology

24. ^Rebecca Carter, How Do Students Respond When Their Expectations are Manipulated? Mentor: Ho Phi Huynh, Psychology

25. *Alexia Charlot, Christina Miller, Buffering the adverse effects of media images through gratitude and media literacy interventions. Mentor: Wendy Wolfe, Psychology


27. Candace Cosby, Benjamin Hamilton, Kennedi Herrmann, Molly Molyneaux, Do tropical sea urchins have a preference for certain kinds of cover materials? Mentor: Matthew Draud, Biology

28. ^Claire Davis, Experimentation and Observation of Ilyanassa obsoleta with Plastic Micro-Bead Ingestion. Mentor: Michele Guidone, Biology

29. **Shalli Davis, Emily Lewis, Kristen Marshall, Slowing Cognitive Decline in Individuals with Dementia: Examining the Effects of Physical Exercise. Mentor: April Garrity, Communication Sciences and Disorders

30. Shawna Defreitas, Madison Sox, What is the source and distribution of Fusarium solani, a potential pathogen of loggerhead sea turtle embryos? Mentors: Jennifer Brofft Bailey, Kathryn Craven, Biology

31. Rachael DeLashmit, Yelyzaveta Savchenko, Group Interactive Structured Treatment Versus Communication Partner Training in Adults with Pragmatic Difficulties Following a Traumatic Brain Injury. Mentor: April Garrity, Communication Sciences and Disorders

32. ^Athena Downes, Julia De Amorim, Sexual dimorphic divergence in rescued hatching diamondback terrapins, Malaclemys terrapin. Mentor: Kathryn Craven, Biology

33. Travis Draud, Are mud snails tiny cannibals? An examination of adult mud snail predation on mud snail eggs. Mentor: Michele Guidone, Biology

34. **Erica Droste, Categories of Wasteful Spending in the United States Health Care System. Mentor: Lesley Clack, Health Sciences


36. *Jessica Edwards, Juvenile Diamondback Terrapins (Malaclemys terrapin) rescued from golf course sand traps were tagged and released. Mentor: Matthew Draud, Biology

37. **Melissa Erickson, Playing to Learn: Gamification in the Elementary Classroom. Mentor: Nedra Cossa, Early Childhood Education

38. ^Thomas Ewing, DNA Methylation Patterns in Kenyan House Sparrows. Mentor: Aaron Schrey, Biology

39. ^Chance Everette, Creatures with Features. Mentor: Rachel Green, Art, Music and Theatre

40. ^Jasmine Ferguson, Nathaniell Tarbell, Molecular analysis of Sapelo Island dune plants and beach sand to test whether dune plants associate with nitrogen-fixing microbes. Mentors: Jennifer Brofft Bailey, Heather Joesting, Biology

41. ^Alexis Fields, Reactivity of Bi(pyrazol-1-yl) acetic acid Ligands with Diodo(η6-p-cymene) ruthenium(II). Mentor: Brandon Quillian, Chemistry and Physics

42. Emily Flingos, Katie Ann Fopiano, Paige Gocke, Macey Lang, Sierra Rothbart, Characterizing the role of Loop A on Substrate Specificity of Yeast Reductases. Mentor: Scott Mateer, Biology

43. ^Jessica Futch, Synthesis and Antibacterial. Mentor: Sarah Zingales, Chemistry and Physics

44. **Deborah Nicole Grant, Kendall Roe, Improving Social Skills in Adolescents with Traumatic Brain Injury: A Comparison of Arts-based Therapy and Game-based Therapy. Mentor: April Garrity, Communication Sciences and Disorders

45. **Elizabeth Grant, Maria Smith, For individuals with dementia, are medications, cognitive training therapies, or both used in conjunction, more beneficial for preserving cognitive functions? Mentor: April Garrity, Speech Language Pathology


47. Aaron Hamlet, Khai Le, The Disassembly and Analysis of a Hair Dryer. Mentor: Priya Goeser, Engineering Studies

48. **Nicole Hewitt, Rita Massie, Dementia Treatment Approaches and their Effects. Mentor: April Garrity, Communication Sciences and Disorders

49. Krista Henburg, Jamal Ingram, Nakia Page, College Campuses Becoming Harmful to
Female Students. Mentors: Jennifer Beirdneau, Radiologic Sciences, Janet Buelow, Thomas McKinley, Health Sciences

50. **Briauna Hill, The lack of access to birth control in Brazil is the main catalyst for the increase of the Zika virus in Reproductive-aged women 18-35. Mentor: Sara Plaspohl, Health Sciences

51. Sean Hendrix, Erin McGillen, “You will fail!”: Assessing Responses to Interpersonal Bracing. Mentor: Ho Phi Huynh, Psychology

52. ^Kyle Hutchins, Method Development and Analysis of Alpha Acids in Beer Hops. Mentor: Sarah Gray, Chemistry and Physics

53. **Delia Istrate, Sharlene Johnson, David Paek, Benjamin Wilkening, Establishing normative data for Stair Climbing Test in the healthy adult population. Mentors: Kathleen Schaefer, Anne Thompson, Rehabilitation Sciences and Anthony Parish, Greg Wimer, Physical Education

54. ^Abigail Johnson, Color Change in Larval Antlions in Response to Background. Mentor: Jennifer Zettler, Biology, George Knofczynski, Mathematics

55. ^+Clint Johnson, Balancing Masculinity and Humility. Mentor: Ho Phi Huynh, Psychology

56. **Ashley Johnston, Through the Eyes of a Child. Mentor: Olavi Arens, History

57. Staci Johnston, **Alexander Merritt, Synthesis of Substrates for Chiral Amine Production. Mentor: Brent Feske, Chemistry and Physics

58. **Ashley Jones, Improving Memory in Individuals with Traumatic Brain Injury: A Comparison of Errorless Learning and Spaced-Retrieval Training. Mentor: April Garrity, Speech Language Pathology

59. **Maima Kiawu, Sarah Lewis, Jadon Phillips, Sharlonda Pierce, Jah’Sosha Smith, Food Deserts in Relation To Obesity. Mentor: McKinley Thomas, Health Sciences

60. Jessye Kirkham, Investigation of Seasonal Patterns of Trematode Infections in the Mud Snail Ilyanassa obsolete. Mentor: Michele Guidone, Biology

61. Catherine LaHaise, Esther Medrano, David Riechert, Bioremediation of copper with duckweed. Mentor: Jennifer Zettler, Biology


64. Leanna Lilenthal, Traci Crider, Comparison of amoA primer sets for nitrification studies in aquaponics. Mentor: Jennifer Brofft Bailey, Biology

65. **Crystal Logsdon, Acute Respiratory Distress Syndrome. Mentor: Kelly Bouthillet, Nursing

66. Lauren Lott, Race and the Color Red: Significant Determinants in Perceived Attraction? Mentor: Ho Phi Huynh, Psychology

67. Kristopher Maedke-Russell, Shifts in Diatom Paleo-Community Assemblage: Raccoon Key, Georgia. Mentor: Jay Hodgson, Biology

68. **Vanessa Manning, Air Quality on Human Health. Mentor: Sara Plaspohl, Health Sciences

69. ^Kim Mandigo, Amy Neely, +Rebekah Robinson, Characterization of the Putative TMH2 region within Human Perforin through Protein Engineering. Mentor: Mitch Weiland, Chemistry and Physics


73. ^Kayla McKissick, The Effects of Timeouts on Psychological Momentum. Mentor: Ho Phi Huynh, Psychology

74. +Esther Medrano, Savannah Chiarello, Investigating spatial and diurnal patterns for the sand dune shrub Croton punctatus in Georgia. Mentor: Heather Joesting, Biology


76. ^Morgan Moore, Evaluating Anti-Cancer Properties of Newly Synthesized Chalcones via PASS Software. Mentor: Sarah Zingales, Chemistry and Physics
77. Lindsay Norcross, To Boldly Go Where No Elementary Classroom Has Gone Before: Beyond the Bean Seed. Mentor: Melanie Link-Perez, Biology

78. Edith Park, Forensic Toxicology: Quantitative Analysis of Blood Alcohol Content with Acidified Potassium Permanganate Solutions. Mentor: Sarah Gray, Chemistry and Physics


80. Leah Perkins, The Miracle Question: the Door to Unlocking a Level-Three Families’ Potential. Mentor: John Hobe, Childhood/Exceptional Student Education

81. Robin Perry, Social Goals for Elementary Students With ASD in the Classroom. Mentor: Barbara Serianni, Childhood/Exceptional Student Education

82. Justin Rave, Synthesis of Multi-metallic Clusters of Lithium and Iron with 2,6-Di-(trialkylsilylamino)-pyridine Ligands. Mentor: Gary Guillet, Chemistry and Physics

83. Theresa Reilly, Lindsey Bailey, Joshua Sharpe, Tiffany Whetzel, Justin Phillips, Irrelevant word identification training: Does it help relevant word identification on PowerPoint slides? Mentors: Nancy McCarley, Joshua Williams, Psychology

84. Chad Reiter, Comparison of Synthetically Generated Humulone to Hops Based. Mentor: Sarah Zingales, Chemistry and Physics

85. Rebekah Robinson, Introducing Undergraduate Students to Using an FPLC: Interpreting Chromatograms and Corresponding SDS-PAGE Gels. Mentor: Mitch Weiland, Chemistry and Physics

86. Aaryn Rogers, Investigation of Aza-Wittig and Staudinger Reactions as Synthetic Pathways to Dimine and Diminophosphorane Pincer Ligands to be used for Low-Coordinate Metal Complexes. Mentor: Gary Guillet, Chemistry and Physics

87. Taylor Sims, Autumn Torres, The Importance of Family on the Literacy of Youth. Mentor: John Hobe, Childhood/Exceptional Student Education

88. Miekela Smith, Morphological Characterization of a Putative New Species of Adiantopsis. Mentor: Melanie Link-Perez, Biology

89. Anitra Steele-Perry, Public Relations: What is the role and the process of special events planning? Mentor: Karla Jennings, Art, Music and Theatre

90. Ashley Sullivan, A Preschool Case Study: An In-Depth Analysis of an Emergent Reader. Mentor: Anne Katz, Childhood/Exceptional Student Education

91. Matthew Thomas, Katie Threatt, Distinguishing Noxo1β from Noxo1γ: Using Site-Directed Mutagenesis to Create Noxo1γ and Hybrid Sequences. Mentor: Nicole Davis, Chemistry and Physics

92. Sydney Toney, Heterocyclic N-Oxides as Lewis Bases for Investigating Halogen Bonding with Tetraiodoethylene. Mentor: Gary Guillet, Chemistry and Physics

93. Ariana Vargas, Synthesis of ethyl 2-chloro-2-methylacetoacetate a Putative Substrate for Amine Dehydrogenase Enzymes. Mentor: Brent Feske, Chemistry and Physics

94. Leslie Wall, A Comparison of Treatment Approaches in Individuals with Aphasia: Impairment-Based Therapy versus Communication-Based Therapy. Mentor: April Garrity, Communication Sciences and Disorders

95. Maya Wallace, Green Synthesis and Reduction of Chalcones as Anti-Cancer Therapeutics. Mentor: Sarah Zingales, Chemistry and Physics

96. Chloe Webb, Investigating reproductive biology in the spiny dogfish, Squalus acanthias, using microsatellites. Mentors: Kathryn Craven and Aaron Schrey, Biology

97. Tiffany Whetzel, Theresa Reilly, Lindsey Bailey, Jonathan Hatala, Joshua Sharpe, Savannah Berkel, Justin Phillips, Providing training to help students identify relevant information on PowerPoint slides. Mentors: Nancy McCarley, Joshua Williams, Psychology

98. Tiffany Whetzel, Resurgence of operant behavior with two qualitatively different reinforcers. Mentor: Mirari Elcoro, Psychology

99. Tiffany Whetzel, Theresa Reilly, Lindsey Bailey, Jonathan Hatala, Joshua Sharpe, Savannah Berkel, Justin Phillips, Students’ use of a relevance definition to identify important information on PowerPoint slides. Mentors: Nancy McCarley, Joshua Williams, Psychology

100. Ayla Wilson, George Xiang, Firearm Availability and Homicide Rates: An Evidence-Based Review. Mentor: Sara Plaspohl, Health Sciences
APRIL 21, 2016
ORAL PRESENTATIONS

Symbols:
** = Graduate Student
* = Honors Project
^ = Undergraduate Research Grant Recipient
+ = Georgia Power Scholar

BALLROOM A

9:30 a.m. - 1:10 p.m.

BIOLOGY

9:30 a.m.
^Mary Carpenter, Search for Wolbachia in Insects on Armstrong State University. Mentor: Geneva DeMars

9:50 a.m.
^+Cicely Curtis, The Verification and Organization of BIOL 1107L Student Insect Samples Infected with Wolbachia. Mentors: Geneva DeMars, Melanie Link-Perez

10:10 a.m.
^+Thomas Ludwig, ^Ashley Catron, Ascertaining the Ploidy and Hybrid Origins of Adiantopsis Species by Way of Molecular Cloning. Mentor: Melanie Link-Perez

10:30 a.m.
^+Evan Ashe, Travis Draud, Jessye Kirkham, Invasion by the Alga Gracilaria Vermiculophylla May Facilitate Predation on Mud Snail Veligers and Egg Capsules. Mentor: Michele Guidone

11 a.m.
*Christian Jarboe, Epigenetic Variation in Aspidoscelia Sexlineata Across Different Fire-Dependent Habitats. Mentor: Aaron Schrey

11:20 a.m.
^*Mario Johnson, Variation in DNA Methylation Among Florida Scrub Lizards in Response to Fire. Mentor: Aaron Schrey

11:40 a.m.
^+Alexandria Ragsdale, Using MS-AFLP to Investigate Ecological Epigenetics of Bluegill Sunfish. Mentor: Aaron Schrey

12:30 p.m.
Kyle Hinton, Detecting a Homologue of Human Arc Protein in the Brains of Adult Zebrafish. Mentor: Robert Mans

12:50 p.m.

ECONOMICS

1:10 p.m.
^Sebastian Hernandez, The Effects of Remittances on Female Secondary School Enrollment in Developing Countries. Mentor: Michael Toma

1:30 p.m.
^Thomas Kavoori, The Relationship between Religious Indifference and Young Marriage in the U.S. Mentor: Michael Toma

EDUCATION

4:10 - 5:10 p.m.

Jasmin Laney, Adrianne Moore, Lucy Simkins, Mentoring and Teaching through ‘I am Malala’: A Collaboration between the Armstrong College of Education Living-Learning Community and the East Broad Street School ‘Teens for Literacy’ Program. Mentors: Anne Katz, Lynn Roberts

CHEMISTRY AND PHYSICS

9:30 - 11:40 a.m.

9:30 a.m.
^Andrew Goetz, Intermolecular Interactions Between Iodine and Oxygen in the Solid State. Mentor: Clifford Padgett

9:50 a.m.
Melina Raymundo, Studies on Selenium-Iodine Halogen Bonding. Mentors: Will Lynch, Clifford Padgett

10:10 a.m.
Michael Tran, Examining the Construction of Potential Coordination Polymers with Mercury(II) and Aromatic N-oxides. Mentor: Will Lynch

ECONOMICS AWARDS

2 - 3 p.m.

Monica Lewis Economic Policy Competition 2016 Winner

EDUCATION

4:10 - 5:10 p.m.

Camella McBrayer, A Multimodal Writing Project: Middle School Students Collaborate with a Local Author. Mentor: Anne Katz

4:50 p.m.
^Ashley McCurley, ^Claire Edwards, Facilitating Language and Literacy Skills through Home, School, and Community Connections. Mentor: Anne Katz

BALLROOM B

CHEMISTRY AND PHYSICS

9:30 - 11:40 a.m.

9:30 a.m.
^Andrew Goetz, Intermolecular Interactions Between Iodine and Oxygen in the Solid State. Mentor: Clifford Padgett

9:50 a.m.
Melina Raymundo, Studies on Selenium-Iodine Halogen Bonding. Mentors: Will Lynch, Clifford Padgett

10:10 a.m.
Michael Tran, Examining the Construction of Potential Coordination Polymers with Mercury(II) and Aromatic N-oxides. Mentor: Will Lynch
11 a.m.  
**Kimberly Mandigo, Amy Neely, Rebekah Robinson, Understanding the Molecular Details Behind Human Perforin’s Function. Mentor: Mitch Weiland

11:20 a.m.  
**Michon Craig, The Synthesis of Novel Chalcones via the Aldol Condensation Reaction. Mentor: Sarah Zingales

MATHMATICS  
11:40 a.m. - 12:30 p.m.

11:40 a.m.  
Jack Wagner, Matrix Group Representation of Music Compositions. Mentor: Sabrina Hessinger

12:10 p.m.  
Andrew Percival, Solving Diophantine Equation Using Class Number. Mentor: Duc Huynh

REHABILITATION SCIENCES AND PHYSICAL THERAPY  
1:10 - 5:10 p.m.

1:10 p.m.  

2 p.m.  
**Tamara Cowart, **Sara Morris, **Mary Beth Price, **Rachel Putman, **Laura Thomas, The Psychometric Properties of the Single-Arm Seated Shot Put Test as an Open Kinetic Chain Upper Extremity Functional Outcome Measure in Subjects with Healthy and Painful Shoulders: Correlation between Peak Force and Distance. Mentors: George Davies, Bryan Riemann

2:20 p.m.  
**Sara Morris, **Mary Beth Pierce, **Rachel Putman, **Laura Thomas, **Tamara Cowart, The Psychometric Properties of the Single-Arm Seated Shot Put Test as an Open Kinetic Chain Upper Extremity Functional Outcome Measure in Subjects with Healthy and Painful Shoulders: Correlation between Peak Force and Angle of Release. Mentors: George Davies, Nancy Henderson, Bryan Riemann

2:40 p.m.  
**Candace Altomare, **Julia Edwards, **Kristen Godfrey, **Shelby Hines, Efficacy of a Computerized Shoulder Simulation Model on Developing Manual Therapy Skills in Physical Therapy Students. Mentors: George Davies, Nancy Henderson, Haley Worst

3 p.m.  
**Laura Jansky, **Elizabeth Higdon, **Rebecca Hampton, **Tyler Meets, The Effects of Different Exercise Interventions on Shoulder Performance in Subjects with Shoulder Pain. Mentors: George Davies, Anne Thompson, Haley Worst

3:30 p.m.  
**Samantha Pearsall, **Lauren Coleman, **Teresa Hupka, **Megan Balcom, **Jeremy Dean, A New Model of Predicting Musculoskeletal Injury in Military Personnel. Mentors: George Davies, Nancy Henderson

3:50 p.m.  
**Brittny Hill, **Timothy Mettenburg, **Charles Jones, **Evon McGuire, The Effects of Multi-Joint vs. Isolated Joint Training on the Shoulder. Mentors: George Davies, Keri Mans, Haley Worst

4:10 p.m.  
**Darby Wiggins, The Phantom of the Limbs: An In-depth Look at PLP. Mentor: Keri Mans

4:30 p.m.  
**Sarah Harmon, A Life Lost: Experiences of Retrograde Amnesia Following Central Nervous System Insult. Mentor: Keri Mans

4:50 p.m.  
**Taylor Benton, **Hawley Emanuele, **Molly Rush, **Stefanie Ortiz, The Association Between Neck Muscle Endurance and Computer Use in College Students. Mentors: David Bringman, Andi Beth Mincer, Haley Worst

BALLROOM C  
PSYCHOLOGY  
9:30 - 10:45 a.m.

9:30 a.m.  
Cynthia Stevenson, Carl Jung and the God of Job. Mentor: Julia Cochran

9:50 a.m.  
**Elias Frazier, Cumulative Aggression Study. Mentor: Ho Phi Huynh

10:10 a.m.  
**Lane Knight, **Sara Kuehn, **Bethany Panhorst, **Kaley Powers, Using In-class Debates to Enhance An Honor’s Introduction to Psychology Course. Mentor: Jonathan Roberts

FUNCTIONAL MORPHOLOGY  
11 a.m. - 12:15 p.m.

HISTORY  
12:30 - 3:50 p.m.

12:30 p.m.  
Ana Beasley, The Making of the American Dust Bowl. Mentor: Amy Potter

12:50 p.m.  
1:10 p.m.  
Michelle Ramos, *The Independent Spirit Tunisia.*  
Mentor: Jason Tatlock

2 p.m.  
Mentor: James Todesca

2:20 p.m.  
Grace Klein, *White, Affluent, and Happy: Print Media’s Representation of Post World War II American Families.*  
Mentor: Felicity Turner

2:40 p.m.  
**Victoria Do, The Phrenology Cabinet.*  
Mentor: Allison Belzer

3 p.m.  
Mentor: Allison Belzer

3:30 p.m.  
John Trainor, *The Rise and Fall of the Women’s Battalion of Death and the Undoing of Russian Feminism.*  
Mentor: Allison Belzer

**EDUCATION**  
4:10 - 5:40 p.m.

4:10 p.m.  
Bobby Williamson, *Approaching Language Barriers in the Classroom.*  
Mentor: Beth Childress

4:30 p.m.  
Martin Smith, *Obesity and Academic Achievement.*  
Mentor: Regina Rahimi

4:50 p.m.  
**Irina Demina, Introduction of a Research Study: Effect of the Smartphone Technology on the Adult Student’s Academic Achievement.*  
Mentor: Ellen Whitford

5:20 p.m.  
**Petra Echauri, The Effects of Reader’s Theatre on Elementary-Aged Students’ Reading Fluency and Comprehension Skills.*  
Mentor: Ellen Whitford

**SKIDAWAY ROOM**

**NURSING**  
11 - 11:20 a.m.

11 a.m.  
*Rebecca E. Brown, Mezzos in Opera: Witches, Old Woman and Pants Roles.*  
Mentor: Emily Grundstad-Hall

9:30 a.m.  
**Erika Andres, Arranging an Orchestral Work for Band.*  
Mentor: Randall Reese

9:50 a.m.  
**Daniel Garneau, Composing a Piece for Voice and Loop Pedal.*  
Mentor: Randall Reese

10:10 a.m.  
**Christine Powell, Noah Purifoy’s Inner Self Surfaced in the Mojave.*  
Mentor: Deborah Jamieson

10:30 a.m.  
**Catherine Cofield, Complementary and Alternative Modalities for Lung Cancer that Affect the Quality of Life.*  
Mentor: Marilyn O’Mallon

**CRIMINAL JUSTICE, SOCIAL AND POLITICAL SCIENCE**  
12:30 p.m. - 4:10 p.m.

12:30 p.m.  
Mentor: José de Arimatéia da Cruz

12:50 p.m.  
Kerry Anderson, *Cocacolanization.*  
Mentor: Nalanda Roy

1:10 p.m.  
Mary Dillard, *The Role of Social Media in the Egyptian Revolution.*  
Mentor: Nalanda Roy

1:30 p.m.  
Mentor: Nalanda Roy

2 p.m.  
Mentor: Nalanda Roy

2:20 p.m.  
**Dixie Richards, The Supreme Court and Students’ Rights.*  
Mentor: Nalanda Roy

2:40 p.m.  
Joshua Ricks, *Syrian Refugee Crisis in Europe.*  
Mentor: Nalanda Roy

3:30 p.m.  
Mentor: Nalanda Roy

3:50 p.m.  
Mentor: Nalanda Roy

**OGEECHEE THEATRE**

**ART, MUSIC AND THEATRE**  
9:30 - 10:50 a.m.

9:30 a.m.  
**Rebecca E. Brown, Mezzos in Opera: Witches, Old Woman and Pants Roles.*  
Mentor: Emily Grundstad-Hall

9:50 a.m.  
**Erika Andres, Arranging an Orchestral Work for Band.*  
Mentor: Randall Reese

10:10 a.m.  
**Daniel Garneau, Composing a Piece for Voice and Loop Pedal.*  
Mentor: Randall Reese

10:30 a.m.  
**Christine Powell, Noah Purifoy’s Inner Self Surfaced in the Mojave.*  
Mentor: Deborah Jamieson
LANGUAGES, LITERATURE AND PHILOSOPHY
11 a.m. - 2:20 p.m.

11 a.m.
Andrew Bradford, Conforming to Patriarchal Superiority in a Feminist-Motivated Storyline: Grey’s Anatomy.
Mentor: Christopher Cartright

11:20 a.m.

11:40 a.m.
Morgan Connor, A Fool of a Dwarf: A Post-Modern Look at George R. R. Martin’s use of the Fool in ‘A Song of Ice and Fire.’ Mentor: Carol Jamison

12:30 p.m.
Luke Lyman-Barner, Michelle Kanke, Kubric, Porn, and the Importance of Literary Analysis in Education.
Mentor: Elissa Zellinger

12:50 p.m.
^Elizabeth Rhaney, No Picture Can Capture This.
Mentor: Jane Rago

1:10 p.m.
Edna Trujillo, The American Delusion. Mentor: Jane Rago

1:30 p.m.
Ishmael Ewing, Out of Sight, Out of Mind.
Mentor: Jane Rago

2 p.m.
*Mikelyn Green, Higher Education and the Gender Wage Gap in Latin America. Mentor: Nancy Tille-Victorica

GENDER STUDIES
3:30 - 4:30 p.m.

3:30 p.m.
Mentor: Teresa Winterhalter

3:50 p.m.
Leena Ali, Mainstream Pornography is a Major Component of Rape Culture. Mentors: Alison Hatch, Jane Rago

4:10 p.m.
Mari Glover, Remind Me Again, Who Am I?: Exploring Identity through Literature, Social Discourse, and Narrative. Mentor: Jane Rago

PRESIDENT’S DINING ROOM

WRITING AWARDS
9:30 - 10:45 a.m.

RESEARCH ASSISTANT PANEL
12:30 - 1:15 p.m.

Ayana Brown
Tori Dixon
Ashley Gholston
Portia Keene
Tarl Lancaster
Jesse Reisman

Mentors:
Jason Beck
Barbara Fertig
Amy Potter
Mike Toma
Ellisa Zellinger

MOOT COURT ARGUMENT SIMULATION
2 - 2:45 p.m.

Elly Estrada
Angelo Fernandez
Roxanne Simons
Jasmine Stellers
Gill Watts

Mentors:
Becky Kohler da Cruz
Chris Tecklenburg
22nd Annual Student Scholars Symposium Committee

Dr. Allison Belzer, History, Chair
Dr. Scott Mateer, Biology, Chair for Poster Presentations
Dr. Jay Hodgson, Biology
Dr. Debby Jamieson, Art History
Ms. Karla Jennings, Communication
Ms. Ashley Johnston, M.A. Candidate, History
Dr. Anne Katz, Education
Ms. Lauren McMillan, Library
Ms. Abby Meert, B.A. Candidate, History
Dr. Amy Potter, Geography
Dr. Lara Wessel, Political Science

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