Student Scholar Symposium
April 20, 2016 – POSTER PRESENTATIONS
12:15 p.m.-3:30 p.m     Student Union

KEYNOTE ADDRESS
Ogeechee Theater 12:15 p.m.-1:00 p.m.
Mr. Tannie Arnsdorff and Mr. Marshall L. Green
Undergraduate Research: What's It All About?

LUNCH
Student Union 1:00 p.m.-2:00 p.m.

POSTER SESSION
Ballrooms A, B & 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 Theater 9:30 a.m.-10:50 a.m.
Biology Presentations Ballroom A 9:30 a.m.-1:10 p.m.
Chemistry and Physics Presentations Ballroom B 9:30 a.m.-11:40 a.m.
CoLA Research Assistant Panel President’s Dining Room 12:30 p.m.-1:15 p.m.
Criminal Justice, Sociology, and Skidaway Room 12:30 p.m.-4:10 p.m.
Political Science Presentations
Economics Presentations Ballroom A 1:10 p.m.-1:50 p.m.
Economics Awards, Monica Lewis Ballroom A 2:00 p.m.-3:00 p.m.
Economic Policy Competition 2016 Winner
Education Presentations Ballroom A 4:10 p.m.-5:10 p.m.
Ballroom C 4:10 p.m.-5:50 p.m.
Functional Morphology Ballroom C 11:00 a.m.-12:15 p.m.
Gender Studies Presentations Ogeechee Theater 3:30 p.m.-4:30 p.m.
History Presentations Ballroom C 12:30 p.m.-3:50 p.m.
Language, Literature and Philosophy Presentations Ogeechee Theater 11:00 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 2:00 p.m.-2:45 p.m.
Nursing Presentations Skidaway Room 11:00 a.m.-11:20 a.m.
Physical Therapy and Rehabilitation Ballroom B 1:10 p.m.-5:10 p.m.
Sciences Presentations
Psychology Presentations Ballroom C 9:30 a.m.-10:45 a.m.
Writing Awards President’s Dining Room 9:30 a.m.-10:45 a.m.
2016 ORAL PRESENTATIONS

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

BALLROOM A

BIOLOGY
9:30 A.M. -1:10 P.M.

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

11:00 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
1:10-1:50 P.M.

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

2:00 p.m.
Economics Awards: Monica Lewis Economic Policy Competition 2016 Winner

EDUCATION
4:10-5:10 P.M.

4:10 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

4:30 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 & 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

11:00 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

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

PHYSICAL THERAPY AND REHABILITATION SCIENCES  
1:10-5:10 P.M.

1:10 p.m.  

2:00 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, Nancy Henderson, 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 Kinematic Chain Upper Extremity Functional Outcome Measure in Subjects with Healthy and Painful Shoulders: Correlation between Peak Force and Angle of Release. Mentors: Nancy Henderson, Bryan Riemann, George Davies

2:40 p.m.  
**Candace Altomare, **Julia Edwards, **Kristen Godfrey, **Shelby Hines  

3:00 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, Haley Worst, Anne Thompson

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: Nancy Henderson, George Davies

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: Andi Beth Mincer, David Bringman, Haley Worst

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 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  
11:00 A.M.-12:15 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

2:00 p.m.  
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

3:00 p.m.

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 Academic Achievement. Mentor: Ellen Whitford

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

SKIDAWAY ROOM
NURSING
11:00-11:20 A.M.

11:00 a.m.
^Catherine Cofield, Complementary and Alternative Modalities for Lung Cancer that Affect the Quality of Life. Mentor: Marilyn O’Mallo

CRIMINAL JUSTICE, SOCIOLOGY AND POLITICAL SCIENCE
12:30-4:10 P.M.

12:30 p.m.
James Marye, Transnational Organized Crime in Latin America: An Insidious National Security Threat. Mentor: Jose da Cruz

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
11:00 A.M.-2:20 P.M.

11:00 a.m.
Andrew Bradford, Conforming to Patriarchal Superiority in a Feminist Motivated Storyline: Grey’s Anatomy. Mentor: Christopher Cartright
11:20 a.m.  
^KC McGuire, Lost in Adaptation: Presence of Illusion and Reality in the 1966 Film Adaptation of Who's Afraid of Virginia Woolf?. Mentor: Christopher Baker

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

2:00 p.m.  
*Mikelyn Green, Higher Education and the Gender Wage Gap in Latin America. Mentor: Nancy Tille-Victorica

GENDER STUDIES  
3:30-4:30PM

3:30 p.m.  

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  
9:30-10:45AM

COLA RESEARCH ASSISTANT PANEL  
12:30-1:15

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

MOOT COURT ARGUMENT SIMULATION  
2:00-2:45

Criminal Justice, Sociology and Political Science  
Elly Estrada, Angelo Fernandez, Roxanne Simons, Jasmine Stellers, Gill Watts, Moot Court Oral Argument Simulation. Mentors: Becky DaCruz, Chris Tecklenburg