Student Scholars Symposium
April 19, 2017 – ORAL PRESENTATIONS
9:30 a.m. – 6 p.m.
Student Union

Art, Music and Theatre
Ballroom A 9:30 – 11:40 a.m.

Biology
Ogeechee Theatre 9:30 – 10:50 a.m.

Chemistry and Physics
Skidaway Room 9:30 – 10:30 a.m.

Criminal Justice, Social and Political Science
Ballroom C 9:30 a.m. – Noon

Economics
Skidaway Room 12:30 – 12:50 p.m.

Education
Ballroom B 4:10 – 5:10 p.m.

Functional Morphology
Ogeechee Theatre 11 a.m. – 12:15 p.m.

Gender Studies
Ballroom A 1:10 – 2:50 p.m.

Health Sciences
Ballroom C Noon – 2 p.m.

History
Ballroom B 12:30 – 1:50 p.m.

Languages, Literature and Philosophy
Ballroom A 11:40 a.m. – 1:10 p.m.

Mathematics
Skidaway Room 10:30 a.m. – Noon

Moot Court Argument Simulation
President's Dining 2 – 2:45 p.m.

Nursing
Ballroom C 2:20 – 2:40 p.m.

Research Assistant Panel
President's Dining 11 a.m. – 12:15 p.m.

Psychology
Ballroom B 9:30 a.m. – Noon

The “Other” in Medieval Europe Panel
President's Dining 9:30 – 10:30 a.m.

University Partner Presentation
Skidaway Room 2 – 2:40 p.m.

Student Financial Planning

Undergraduate Research Listening Session
President's Dining 3 – 4 p.m.
# Student Scholars Symposium

**April 20, 2017 – POSTER AND ORAL PRESENTATIONS**

9 a.m. – 3 p.m.

**Student Union**

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<td>9:15 – 11:15 a.m.</td>
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<td>POSTER SESSION 1</td>
<td>Ballrooms</td>
<td>9:30 – 10:15 a.m.</td>
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<td>POSTER SESSION 2</td>
<td>Ballrooms</td>
<td>10:25 – 11:10 a.m.</td>
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<td>KEYNOTE ADDRESS</td>
<td>Ogeechee Theatre</td>
<td>11:30 a.m. – 12:30 p.m.</td>
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<td>Jackie Zantow and Thomas Reams</td>
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<td>Benefits of Undergraduate Research</td>
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<td>Rehabilitation Sciences and Physical Therapy</td>
<td>Skidaway Room</td>
<td>1 – 3 p.m.</td>
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APRIL 19, 2017
ORAL PRESENTATIONS

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

PRESIDENT’S DINING ROOM

PANELS

The “Other” in Medieval Europe (History)
9:30 – 10:30
Tarl Lancaster, Contributions of Medieval Jewish Traders in the Twelfth Century.
Lori Minchey, He’s Not Quite Dead Yet: Understanding the Draugar in Medieval Norse Literature.
Mentor: James Todesca

Research Assistant Experience
11 – 12:15
Eliza DeRienzo
Timothy Eller
Ashley Gholston
Clint Johnson
Randi Schroedel
Mentors: Benjamin Warsaw, Virginia Estabrook, Amy Potter, Ho Huynh, Joshua Williams, Sara Gremillion

Moot Court Argument Simulation (CJSPS)
2 – 2:45
Roxanna Simons
Chase Sherrod
Michael Miller
Matthew Hudson
Diamonique Keaton
Janae Wells
Reid Williamson
Mentors: Becky da Cruz, Chris Tecklenburg

Undergraduate Research Listening Session for Consolidation
3 – 4
Session moderators: Joshua Williams and Allison Belzer

BALLROOM A

Art, Music and Theatre
9:30 – 11:40

9:30 – 9:50
^Joseph Shaw, Light Painting in Photograph. Mentor: Bridget Conn

9:50 – 10:10
Eric Sanders, Art as a Weapon: Abstract Expressionism during the Cold War. Mentor: Deborah Jamieson

10:10 – 10:30
Katherine Hillery, Crisis Conduct. Mentor: Karla Jennings

10:30 – 10:50
Cameron Frost, American Clay Revolution: Clay as a Fine Art Medium. Mentor: John Jensen

11 – 11:20
Bethany Panhorst, American Clay Revolution: Clay as a Fine Art Medium. Mentor: John Jensen

11:20 – 11:40
Julia Wadman, Analysis of “Pathetique” Sonata op. 13 by Beethoven. Mentor: Stephen Primatic

Languages, Literature and Philosophy
11:40 – 1:10

11:40 – Noon
Dean Mathew, “You’re Exactly the Right Kind of Person”: Proposing the Black Final Girl in Horror Film. Mentor: Regina Bradley

12:10 – 12:30

12:30 – 12:50

12:50 – 1:10
^Benjamin Cela, “What’s Your Pleasure?”: Theorizing the Cenobites Queer. Mentor: Amanda Konkle
**Gender Studies**
1:10 – 2:50

1:10 – 1:30
*Aquila Campbell, Beyond Say: Water, Spirituality, and the Womanist Autoethnography in Beyonce’s “Lemonade.“ Mentor: Regina Bradley

1:30 – 1:50
*Sarah DesLauriers, At the Intersection of Desperation and Violence: A Case Study of Southside Chicago and South Sudan. Mentor: Christopher Cartright

1:50 – 2:10
Gabrielle Nichols, More than Flower Crowns and Twist-outs: The Possibility of Inclusivity within the Carefree Black Movement. Mentor: Jane Rago

2:10 – 2:30
Edna Trujillo, Who is the Enemy?: The Belief that Minorities Are the Problem. Mentor: Jane Rago

2:30 – 2:50

**Psychology**
9:30 – Noon

9:30 – 9:50
*Clint Johnson, Skylar Bosak, Intra- and Interpersonal Assessments of Masculinity, Femininity, and Humility. Mentor: Ho Huynh

9:50 – 10:10
*Jessica Johnson, Timothy Walter, Integrating Student Veterans in the Teaching of PTSD. Mentor: Ho Huynh

10:10 – 10:30
*Erin McGillen, “You will fail!“: Assessing responses to interpersonal bracing. Mentor: Ho Huynh

10:30 – 10:50

**History**
12:30 – 1:50

12:30 – 12:50
Sarah DeMott, What Can We Do? The History of Savannah, Georgia and the First World War. Mentor: Olavi Arens

12:50 – 1:10
**Ashley Renee Johnston, Societal Orphans: Creating the First Orphanage in Renaissance Florence. Mentor: Allison Belzer

1:10 – 1:30
*Michael Swanson, Reacting to the Past: Battling for Bismarck’s Germany. Mentor: Allison Belzer

1:30 – 1:50
*Jesus Miguel de Alba, You are what you eat: Determinants of childhood obesity, Chatham County. Mentor: MeiMei Lin

**Education**
4:10 – 5:10

4:10 – 4:30
**Dani Cole, Evaluating and repurposing assessment. Mentor: Regina Rahimi

4:30 – 4:50
*Kimberly Nguyen, Incorporating Game-Based Learning into Secondary Social Studies Classrooms. Mentor: Regina Rahimi

4:50 – 5:10
*Jennifer Fortney, Plickers: A Method to Streamline Instant Feedback. Mentor: Rebecca Wells
**BALLROOM C**

**Criminal Justice, Sociology and Political Science**

9:30 – Noon

9:30 – 9:50
^Alex Avina, *Human Rights Violations in North Korea.*
Mentor: Nalanda Roy

9:50 – 10:10
Garrett Bradshaw, *Terrorism in the Philippines.*
Mentor: Nalanda Roy

10:10 – 10:30
Donovan Bragg, *The Economic Development of Qatar and the United Arab Emirates within Recent Years.*
Mentor: Nalanda Roy

10:30 – 10:50
Forrest Corbin, *Democracy in India and Indonesia: Federalist or Unitary, which system is best for a diverse State?* Mentor: Nalanda Roy

11 – 11:20
Austin Johnson, *Japan’s Falling Population.* Mentor: Nalanda Roy

11:20 – 11:40
^*Michael Freeman, The Archaeological Process: Examining the Benedictine Monastery and Freedmen School.* Mentor: Laura Seifert

11:40 – Noon

**Health Sciences**

Noon – 2

12:10 – 12:30
^Kaitlyn Stanfield, *The Relationship between Cognitive Function and Patient-Reported Quality of Life in Individuals with Parkinson’s Disease.* Mentor: Lesley Clack

12:30 – 12:50
^Jill Conway, Jeremy Ford, Ryan Good, *Bar trajectory and kinetic analysis of two youth elite weightlifters.* Mentor: David Hooper

12:50 – 1:10
^Fatimah Alhatemi, Shantol Mitchell, **Tyler Carlson, **Robert Burke, **Joseph Stone, *Markers of Anabolism and Catabolism in Male Cross Country Runners.* Mentor: David Hooper, Amy Challen, and Charlotte Bates

1:10 – 1:30
^Rebekah Johnson, **Tyler Carlson, **Robert Burke, **Joseph Stone, *Hypogonadism in Collegiate Cross Country Runners.* Mentors: David Hooper, Amy Challen, and Charlotte Bates

1:30 – 1:50
Shantol Mitchell, ^Fatimah Alhatemi, **Tyler Carlson, **Robert Burke, **Joseph Stone, *Biomarkers of Bone Density in Collegiate Cross Country Runners.* Mentors: David Hooper, Amy Challen, and Charlotte Bates

**Nursing**

2:20 – 2:40

**SKIDAWAY ROOM**

**Chemistry and Physics**

9:30 – 10:30

9:30 – 9:50
^Edith Park, *Forensic Toxicology: Quantitative Analysis of Blood Alcohol Content with Basic Potassium Permanganate Solutions.* Mentor: Sarah Gray

9:50 – 10:10
^*Krystin Allaire, Investigating the Phytoremediation of Heavy Metal Contamination from Water Samples by Dracaena braunii (lucky bamboo).* Mentors: Catherine MacGowan and Todd Hizer

10:10 – 10:30
^+Alexis Fields, *Bronsted acid promoted ehydration of benzylic alcohols and the synthesis of organoruthenium complexes supported by bis(pyrazolyl) acetic acid derivatives.* Mentor: Brandon Quillian

**Mathematics**

10:30 – Noon

10:30 – 10:50
^Rosina Campbell, *Finding Fibonacci primes using quadratic forms.* Mentor: Duc Huynh

11 – 11:20
Darien Converse, *Elliptic curves induced by nice cubic polynomials.* Mentor: Duc Huynh

11:20 – 11:40
Tyler Melton, *Constructing irreducible polynomials over prime fields, using isogeny volcanoes and the Chinese Remainder Theorem.* Mentor: Duc Huynh
11:40 – Noon

Economics
12:30 – 12:50

12:30 – 12:50
Richard McCabe, How much did they really steal? A study of the effect between burglary hotspots and homes’ prices. Mentor: Michael Toma

University Partner Presentation
2 – 2:40

2 – 2:20 and 2:20 – 2:40
Ashley Dubois, Financial planning for your future and managing debt. Members First Credit Union

OGEECHEE THEATRE

Biology
9:30 – 10:50

9:30 – 9:50

9:50 – 10:10
Julia de Amorim, DNA methylation variation among Cyphomyrmex rimosus ants in two distinct eco-tones. Mentor: Jennifer Zettler

10:10 – 10:30
Amanda Dykes, Testing the effects of acute stress on the epigenetic regulation of gonadotropin-releasing hormone (GnRH) in adult zebrafish brain. Mentors: Robert Mans and Aaron Schrey

10:30 – 10:50

Functional Morphology
11 – 12:15
Mentor: Austin Francis, Jr., Biology

APRIL 20, 2017
POSTER & ORAL PRESENTATIONS

Poster Session 1 (9:30 – 10:15)


5. Brandon Campbell, Incorporation of Biologically Susceptible Disulfide Linkages in the Backbone of Peptide Nucleic Acid. Mentor: Nathaniel Shank, Chemistry and Physics

6. Michael Kelly, Preparation of 7-Oxanorbornene Derivatives as Monomer for ROMP. Mentor: Sarah Zingales, Chemistry and Physics

7. Victoria Hearn, Sarah Wagner, Evidence-Based Review to Support More Rigorous Nationwide School Vaccination Mandates. Mentor: Sara Plaspohl, Health Sciences

8. Julia Broyles, Connecting the Past and Present: Mirrors Between “A Song of Ice and Fire” and Medieval Works. Mentor: Carol Jamison, Languages, Literature and Philosophy

9. Assata Griffin, Polling as a Supplement to Current Events Teaching. Mentor: Nedra Cossa, Childhood & Exceptional Student Education

10. Brittany Elliott, Baseline Assessment of Microplastic Pollution at Beaches with Varying Levels of Human Traffic, Tybee Island, Georgia, USA. Mentor: Michele Guidone, Biology


18. Chelsea Miles, Sex-Determining Morphometric Traits of Diamondback Terrapins. Mentor: Kathryn Craven, Biology


20. Chance Everette, Creatures with Features: The Screamquel. Mentor: Rachel Green, Art, Music and Theatre

21. Jasmine Lane, The Effects of Barnacle Colonization on Spartina alterniflora Growth and Productivity in Coastal Georgia. Mentors: Heather Joesting and Michele Guidone, Biology

22. Kelly Westfield, Anne Boleyn: A Lesson in Historical Interpretation. Mentor: Allison Belzer, History


24. George Durrell, Synthesis of Multi-Metallic Clusters of Lithium, Iron, and Zinc Supported by 2,6-bis(trimethylsilylamino)pyridine. Mentor: Gary Guillet, Chemistry and Physics


27. Anthony Petrillo, Preparation and Characterization of Copper (II) Flavone and Bis(pyrazolyl) Derivatives. Mentor: Brandon Quillian, Chemistry and Physics


29. Staci Johnston, Production of Pharmaceutical Precursors Through Biocatalysis. Mentor: Brent Feske, Chemistry and Physics

30. Amanda Plotner, Priya Patel, Emerging Adulthood and Homicide. Mentor: Sara Plaspohl, Health Sciences


32. Alexia Charlot, Christina Miller, Victoria Henley, Gratitude and Media Literacy Interventions for Buffering Media-Induced Body Dissatisfaction. Mentor: Wendy Wolfe, Psychology


34. Ronald Carroll, Brittany Hereth, Sade Smalls, The Impact of University Mergers on National and International Student-Athletes. Mentor: Ho Huynh, Psychology

35. Mary K. Moore, Feminine Influence and the Monty Hall Dilemma. Mentor: Rebecca Rayburn-Reeves, Psychology


38. Tracy Le, *Should Restorative Justice Be Implemented to Resolve Campus Sexual Assault?: A Comparison of Restorative vs Punitive Justice.* Mentor: Alison Hatch, Liberal Studies

39. Lindsey Bussell, *Student Astronaut Challenge.* Mentor: Barbara Serianni, Childhood & Exceptional Student Education

40. Kyara Mejia, *UNyDOS: Building The Latino Voice at Armstrong.* Mentor: Grant Gearhart, Languages, Literature, and Philosophy

41. Julius Rodillas, *Examination of Quality of Life in Individuals with Parkinson’s Disease and their Caregivers.* Mentor: Lesley Clack, Health Sciences


43. Ha Huynh, *Epidemiological Variation Among Kenyan House Sparrows.* Mentor: Aaron Schrey, Biology

44. Brooke Collins, *A Study of Three Literacy Assessments in Practice.* Mentor: Anne Katz, Childhood & Exceptional Student Education


46. Cornequa Reynolds, *The Effects of Action on Perception.* Mentor: Joshua Williams, Psychology

47. Jared Yates, Ondre Nelson, Aaryn Rogers, *Synthesis and Characterization of Group 8 Metal Complexes with a Novel 2,6-Bis-(triphenyliminophosphoromethyl)-1-bromobenzene Ligand: Steric Control of the Metal Coordination Sphere.* Mentor: Gary Guillet, Chemistry and Physics


51. Evan Ashe, Rachel Hines, Jasmine Lane, *Impact of Barnacle Colonization on Spartina Alterniflora in Georgia Salt Marshes.* Mentors: Michele Guidone and Heather Joesting, Biology

52. Rachel Hines, Jasmine Lane, Evan Ashe, *Spatial Distribution of Barnacles on Spartina alterniflora Stems and Leaves.* Mentors: Michele Guidone and Heather Joesting, Biology


54. Eva-Christine Hall, Tiffany Slater, *Pharmacological Intervention in Rehabilitating Word Retrieval Skills in Individuals with Aphasia.* Mentor: April Garrity, Communication Science and Disorders

55. Cicely Curtis, *The Pattern of Wolbachia Infection in Insect Populations Native to Savannah, GA.* Mentors: Melanie Link-Perez, Biology, Geneva DeMars, Biology


57. Lakeysha Mutcherson, Elisabeth McConico, *Evidence Based Review for Research on Childhood/Adolescent Obesity.* Mentor: Sara Plaspolh, Health Sciences

58. Matthew Thomas, *Determining Which Arginine Facilitate Binding of Nexo1-β to PI(4,5)P2.* Mentor: Nicole Davis, Chemistry and Physics


60. Alex Avina, Hayden Osbourne, Kityara James, Sara Buddle, *Outcomes from Bad Delivery.* Mentor: Ho Huynh, Psychology
Taylor Maurer, Examining Resurgence of Operant Behavior Using Qualitatively Different Reinforcers. Mentor: Mirari Elcoro, Psychology

Amy Neely, Introduction of Enzymatic Polymer Degradation to Enhance the Undergraduate Polymer Chemistry Curriculum. Mentors: Mitch Weiland and Nicole Davis, Chemistry and Physics

Stephanie Miller, Bullfighting: More than a Tradition. Mentor: Grant Gearhart, Languages, Literature and Philosophy

**Megan Hudson, Bresa Daise, Evidence-Based Review of Factors that Influence Vegetable Intake for U.S. Children and Adults. Sara Plaspohl, Health Sciences**

*Katherine A. Fopiano, Naiyill A. Morales Nunez, Analysis of Local Mosquito Populations for the Wolbachia Endosymbiont. Mentor: Scott Mateer, Biology*


Jessalyn Westphall, “Plagues the Soul”: Analyzing Comments from the Guestbook at the Old Slave Mart Museum. Mentor: Amy Potter, Geography

Nicole Redmond, Expression and Detection of a Soluble FAM5C Truncate. Mentor: Mitch Weiland, Chemistry and Physics

Kiana Brown, Hafsa Junaid, Improving Student Statistical Knowledge and Skills Through Camtasia Video Technology. Mentor: Joshua Williams, Psychology


Timothy Walter, Kityara James, Whitney Davis, The Effects of Consolidation on Various Universities. Mentor: Ho Huynh, Psychology

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**Poster Session 2 (10:25-11:10)**


3. **Lauren Sanker, Alyssa Boatright, Katherine Braun, Catherine LaHaise, Jeffery Finney, The Making of a University Insect Collection. Mentor: Jennifer Zettler, Biology**


5. **Amy Ford, Diverse Literature Research Analysis. Mentor: Anne Katz, Childhood & Exceptional Student Education**


7. **Emily Bressler, Ernest Chisholm, Evidence-Based Review to Explore Possible Correlation Between Mass Shooting and Mental Illness. Mentor: Sara Plaspohl, Health Sciences**


15. *James Surrette, Taylor Maurer, Evaluating the Effectiveness of a Token Economy on Classroom Participation and Performance.* Mentors: Hillary Wehe and Taylor Ferguson, Psychology

16. **Ayla Wilson, Technology and Human Behavior.** Mentor: Scott Scheidt, Cyber Education

17. ^Sydney Andrzejak, Improvements to the Polymeization of L-Aspartic Acid for Organic Chemistry II. Mentor: Nathaniel Shank, Chemistry and Physics


20. **Kathleen Reeves, Kate Kellum, Comparing the MacArthur Competence Tool for Treatment (Mac-CAT-T) and Mini Mental State Examination (MMSE) to Determine Cognitive Abilities for Informed Consent for Individuals with Dementia.** Mentor: April Garrity, Communication Science and Disorders


22. ^Clint Johnson, Joshua Sharpe, Ryan Berry, Initial Word Discernment Ability and Its Impact on Helping Students Learn to Identify Information on PowerPoints. Mentors: Joshua Williams and Nancy McCarley, Psychology


24. **Akeya Sanders, Barriers to Accessing Reproductive Health Services for Sexually Active Women Age 15-44.** Mentor: Sara Plaspohl, Health Sciences


27. ^Jazzlin Sharpe, DNA Methylation Among Six-Lined Racerunners in Florida.** Mentor: Aaron Schrey, Biology


34. **Tahpenes Bradley, Tia Taylor, Evidence-Based Review of Adult Obesity: Long Work Hours and Sleep Deprivation.** Mentor: Sara Plaspohl, Health Sciences
35. ^Daniel Crafton, ^Monica Munden, ^Alex Avina, Acceptance of Refugees as a Function of Appearance. Mentor: Ho Huynh, Psychology


38. Ariana Vargas, Synthesis of Ethyl 2-chloro-2-methyacetoacetate a Putative Substrate for Amine Dehydrogenase Enzymes. Mentor: Brent Feske, Chemistry and Physics

39. ^Mindi Nance, Mara Mercado, Acute Effects of Vibrating Foam Roller on Triceps Surae Stiffness. Mentors: David Hooper, Health Sciences, George Davies, Physical Therapy, and Bryan Riemann, Health Sciences


41. **Madison McLendon, **Ashley Cromley, The Effects of Intensive versus Distributed Speech and Language Services in Aphasics. Mentor: April Garrity, Communication Science and Disorders

42. *Teresa Durham, Saiore. Mentors: Robert Terry and Lisa Dusenberry, Languages, Literature and Philosophy


44. ^Anthony Canga, Determining if Noxo 1 Binds to TRADD and RIP1. Mentor: Nicole Davis, Chemistry and Physics

45. ^Taylor Standard, Determining DNA Methylation of Channel Catfish Across Geographic Barriers and Distance. Mentors: Jay Hodgson and Aaron Schrey, Biology

46. ^*Elias Frazier, “Sticking It to The Man“: Aggression and Retaliation Against Authority Figures. Mentor: Ho Huynh, Psychology

47. Rachel Thompson, The Effects of Dams on DNA Methylation of Channel Catfish. Mentor: Aaron Schrey, Biology


49. **Stephanie Hooper, **Mande’-kan Mendes, Adolescent Suicide and Cyberbullying. Mentor: Sara Plaspohl, Health Sciences

50. **Raelyn Little, **Madison Hatfield, Improving Word Finding in Individuals with Aphasia: A Comparison of Semantic Feature Analysis and Phonological Components Analysis. Mentor: April Garrity, Communication Science and Disorders

51. Elizabeth Wright, Strep Throat to Septic Shock. Mentor: Rhonda Bhevis, Respiratory

52. ^Diego Garcia Akiyama, PLA/HA Internal Fixation System for Long Bone Fracture Repair. Mentor: Cameron Coates, Engineering Studies


54. **Jason Ziegler, Lenses on Literacy: Case Study of a Struggling Elementary Reader. Mentor: Anne Katz, Childhood & Exceptional Student Education


58. Tressia Quattlebaum, Guernica: An Artistic Narrative of the Spanish Civil War. Mentor: Grant Gearhart, Languages, Literature and Philosophy

59. ^Ariana Cheas, Biochemical Effects of Withdrawal-Induced Stress in Danio Rerio. Mentor: Keri Mans, Physical Therapy
60. ^Gayla Herbert, Ernest D’Alto, Bitcoin Price Volatility. Mentor: Omid Ardakani, Economics

61. ^Kyle Richard, Jessica Pham, Survey of Local Blue Crabs for Hematodinium Incidence. Mentors: Jennifer Brofft Bailey and Paul Dunn, Biology

62. ^Fernando Rivera, ^Angelo Romero, Religious Acceptance of Refugees. Mentor: Ho Huynh, Psychology

63. ^Amanda Alai, What Students Miss When Books Are Banned. Mentor: Anne Katz, Childhood & Exceptional Student Education

64. ^Nick Brodak, Ansley Osborne, Erin Berube, Using a Controllable Promoter to Evaluate Proteins Involved in Vesicle Transport in Fungal Cells. Mentor: Sara Gremillion, Biology

65. *Nia Augustin, Squats and Muscle Activation: A Literature Review. Mentor: George Davies, Physical Therapy


68. ^Maria Huynh, Site-Directed Mutagenesis of Green Fluorescent Protein. Mentor: Nicole Davis, Chemistry and Physics


70. **Khatiga Nasir, Disparities Faced by Minority Women in the U.S. While Obtaining Services for Sexual Health. Mentor: Sara Plaspohl, Health Sciences

71. Angie Lowe, Adenocarcinoma of the Pancreas. Mentor: Laurie Adams, Radiologic Sciences

72. **Tevin Duncan, Obesity means having too much body fat...or money? Mentor: Sara Plaspohl, Health Sciences

SKIDAWAY ROOM

Rehabilitation Sciences and Physical Therapy
1 – 3

1 – 1:20
**Tyler Broering, **Andrew Johnson, **Reece Fair, **Nicholas Lamb, Evaluating Ground Reaction Forces in the Knee using Closed Kinetic Chain Shuttle Training. Mentors: George Davies, Bryan Riemann, and James Karnes

1:20 – 1:40
**Amber Buchanan, **Niki Cail, **Brooke Crum, **Tara Ellington, Efficacy of a Computerized Shoulder and Knee Simulation Model on Developing Manual Therapy. Mentors: George Davies, David Bringman, and James Karnes

1:40 – 2
**Joseph Adams, **Joseph Brown, **Gunnar Mendiola, **Ryan Sullivan, **Cody Williams, Correlation Between the Spirit Bike Maximal Power Output and Other Lower Extremity Power Output Tests. Mentors: Frank Glenn and George Davies, Physical Therapy

2 – 2:20
**Julia Ash, **Donie Gay, **Johnny McLean, **Nathaniel Van Dyke, **Nia Augustin, Contralateral Double-Lined Crossover Hop Test. Mentors: Frank Glenn, James Karnes, and George Davies, Physical Therapy

2:20 – 2:40
**Spencer Salter, **Casey Price, **Matt Foley, **Kristyn Thacker, **Sydnee Weaver, Effects of Metronome and POSE drills on Footstrike. Mentor: Nancy Henderson

2:40 – 3
*Stephanie Miller, Effects of Sleeping Habits on Cognitive Function in Students at Armstrong State University. Mentor: Keri Mans
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