Congratulations and thank you to all of our 2021 undergraduate presenters, mentors, and reviewers!

We recognize the following students for excellence and outstanding achievement for their presentations.

This list is provided alphabetically by last name of the primary presenter.

**Badr Abdullah**, Biological Sciences (major), Chemistry minor - Junior
Mentor(s)/co-Author(s):
Dr. Michael Myrick, Department of Chemistry and Biochemistry
Ms. Caitlyn English, Department of Chemistry and Biochemistry

*Fluorescence Microscopy Studies of *Lyngbya wolfei*

in Morning Session, Category-UG: Biology and Environmental Sciences B

*For Graduation with Leadership Distinction in Research*

**Amy Abraham**, Public Health (major)
Mentor(s)/co-Author(s):
Dr. Kimberly Becker, Department of Psychology
Ms. Wendy Chu, Department of Psychology

*The Role of Paraprofessionals in the Mental Health Structure of India*

in Morning Session, Category-UG: Social Sciences A

**Adam Baker**, Exercise Science (major), Chemistry minor - Senior
Mentor(s)/co-Author(s):
Dr. Troy Herter, Department of Exercise Science

*Cortical Damage and Disconnection Effects on Motor Impairment from Stroke*

in Afternoon Session, Category-UG: Health Sciences J

**Sierra Batson**, Mechanical Engineering (major) - Freshman
Mentor(s)/co-Author(s):
Dr. Sourav Banerjee, Department of Mechanical Engineering

*Forensic Investigation of Aerospace Composites using NDE after Impact to Characterize the Nature of the Impact*

in Afternoon Session, Category-UG: Engineering and Computing D

**Jacob Blottenberger**, Mechanical Engineering (major) - Senior
Mentor(s)/co-Author(s):
Dr. Sourav Banerjee, Department of Mechanical Engineering

*Quantifying Material Memory*

in Afternoon Session, Category-UG: Engineering and Computing D

*For Graduation with Leadership Distinction in Research*
Jill Boggs, Political Science (major), History (major) - Senior  
Mentor(s)/co-Author(s):  
Dr. Stanley Dubinsky, Department of English Language and Literature  
Dr. Michael Gavin, Department of English Language and Literature  
The plight of Tajikistan's Pamiri population and their search for recognition  
in Morning Session, Category-UG: Arts and Humanities B

Reaghan Briggs, Cardiovascular Technology (major) - Junior  
Mentor(s)/co-Author(s):  
Dr. Brie Turner-McGrievy, Department of Health Promotion, Education and Behavior  
Ms. Christina Chauvenet, Department of Health Promotion, Education and Behavior  
Relationship Between Stress, Food Insecurity, and Eating Behaviors Among African American Adults  
in Afternoon Session, Category-UG: Health Sciences J

Jacob Brock, Biological Sciences (major), Computer Science minor - Senior  
Mentor(s)/co-Author(s):  
Dr. Timothy Mousseau, Department of Biological Sciences  
Determining Habitat Preferences for South Carolina Species Using Motion Triggered Camera Traps  
in Morning Session, Category-UG: Biology and Environmental Sciences C

Dillon Bryant, Public Health (major), Business Administration minor - Senior  
Sarah Sellers, Biological Sciences (major), Women's and Gender Studies minor - Senior  
Emily Gosnell, Public Health (major), Psychology minor - Junior  
Stefano Belmonte, Public Health (major), Chemistry minor - Junior  
Mentor(s)/co-Author(s):  
Dr. Sean Norman, Department of Environmental Health Sciences  
The Hunt for SARS-CoV-2 in UofSC's Campus Wastewater  
in Afternoon Session, Category-UG: Biology and Environmental Sciences G

Darren Burton, Accounting (major) - Senior  
Leadership Through Personal Strengths  
in Morning Session, Category-UG: Experiential Learning and GLD B  
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Matthew Caputo, Statistics (major), Neuroscience minor - Senior  
Mentor(s)/co-Author(s):  
Dr. Abigail Hogan, Department of Psychology  
Ms. Kayla Smith, Department of Psychology  
Eye Gaze and Heart Rate Deceleration as Indices of Attention in Autism  
in Morning Session, Category-UG: Psychology and Health A

Christopher Carter, Mechanical Engineering (major), Art Studio minor - Senior  
Mentor(s)/co-Author(s):  
Dr. Lang Yuan, Department of Mechanical Engineering  
Mr. Tianyu Zhang, Department of Mechanical Engineering  
An Analysis of Solidification Conditions in the Simulated Melt Pool of 316L Stainless Steel during Laser Powder Bed Fusion Additive Manufacturing  
in Morning Session, Category-UG: Engineering and Computing A

Griffin Carter, Biomedical Engineering (major), Computer Science minor - Senior  
Mentor(s)/co-Author(s):  
Dr. R. Michael Gower, Department of Chemical Engineering  
Ms. Candice Cheung, Biomedical Engineering Program  
Investigating the Effects of Nanoparticle Delivery to Myoblasts on Differentiation into Myotubes  
in Afternoon Session, Category-UG: Engineering and Computing E
Jessica Cerillo, Public Health (major) - Senior
Let's Get To Know You!
in Afternoon Session, Category-UG: CIEL/GLD - Wellness and Health E
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Mary Chapin, International Studies (major), Interdisciplinary Studies (major) - Junior
Mentor(s)/co-Author(s):
Dr. Meredith DeBoom, Department of Geography
Bias in the International Criminal Court?
in Morning Session, Category-UG: Social Sciences and Humanities A
*For Graduation with Leadership Distinction in Research

McKenzee Chestnut, Environmental Science (major), Psychology minor - Senior
Mentor(s)/co-Author(s):
Ms. Theresa Harrison, College of Education
Everyone is an Environmentalist- they just don't know it yet
in Afternoon Session, Category-UG: Experiential Learning and GLD II
*For Graduation with Leadership Distinction in Community Service

Mira Clavecilla, Exercise Science (major), Health Promotion, Education, and Behavior minor - Senior
Mentor(s)/co-Author(s):
Dr. Daping Fan, Cell Biology and Anatomy; UofSC School of Medicine - Columbia
Dr. Junfeng Wang, Cell Biology and Anatomy; UofSC School of Medicine - Columbia
Boosting immune cell function in response to breast cancer through the effects of miR-155 OE tumor-derived exosomes
in Morning Session, Category-UG: Biology and Biomedical Sciences A
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Shannen Cloherty, Operations and Supply Chain (major), Political Science (major) - Senior
Shannen Cloherty GLD
in Morning Session, Category-UG: Experiential Learning and GLD A
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Emily Collie, Exercise Science (major), Psychology minor - Senior
Mental Health Ambassadors and Effective Storytelling in Suicide Prevention
in Morning Session, Category-UG: CIEL/GLD - Wellness and Health A
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Maggie Collins, Biological Sciences (major), Psychology minor - Senior
Mentor(s)/co-Author(s):
Ms. Sarah Matthews, Center for Integrative and Experiential Learning
Working as a Veterinary Technician: Gaining Clinical & Professional Skills During COVID-19
in Morning Session, Category-UG: CIEL/GLD - Wellness and Health C
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Jonathan Conrady, Psychology (major), German Studies minor - Senior; UofSC Upstate
Mentor(s)/co-Author(s):
Dr. Scott Meek, Department of Psychology; UofSC Upstate
Effects of Anonymity on Deception
in Afternoon Session, Category-UG: Psychology and Health E

Kennedy Corley, Operations and Supply Chain (major), Integrated Information Technology minor - Senior
Knowledge is Our Greatest Inheritance
in Afternoon Session, Category-UG: Experiential Learning and GLD HH
*For Graduation with Leadership Distinction in Professional and Civic Engagement
Caitlin Costner, Political Science (major), Spanish minor - Senior

Service and Independence in a Partisan Government: My Washington Semester Program
in Morning Session, Category-UG: Experiential Learning and GLD C
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Kaitlin Cox, Experimental Psychology (major), Interdisciplinary Studies (major) - Senior
Mentor(s)/co-Author(s):
Dr. Nicole Zarrett, Department of Psychology

The challenges facing underserved youth: The role of afterschool program staff in supporting healthy development
in Morning Session, Category-UG: Social Sciences B
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Jon Crane, Biological Sciences (major), Chemistry minor - Senior

Learning about Compassion in Healthcare Abroad
in Afternoon Session, Category-UG: CIEL/GLD - Cultural Diversity D
*For Graduation with Leadership Distinction in Global Learning

Kiersten Crouse, Mechanical Engineering (major), Biology minor - Junior
Mentor(s)/co-Author(s):
Dr. John Eberth, Cell Biology and Anatomy; UofSC School of Medicine - Columbia
Mr. Colton Kostelnik, Biomedical Engineering Program

Regional Microscopy and Mechanics of Vascular Bypass Grafts
in Morning Session, Category-UG: Biology and Biomedical Sciences B
*For Graduation with Leadership Distinction in Research

Samantha Curatolo, Integrated Information Technology (major) - Senior
Joshua Pate, Integrated Information Technology (major) - Senior
Daley Mackey, Integrated Information Technology (major) - Senior

International Law Dispute Resolution App
in Afternoon Session, Category-UG: Computing E

*For Graduation with Leadership Distinction in Professional and Civic Engagement

Chandler Curtis, Biological Sciences (major), Health Promotion, Education, and Behavior minor - Junior
Mentor(s)/co-Author(s):
Dr. Jeffery Twiss, Department of Biological Sciences
Ms. Courtney Buchanan, Department of Biological Sciences

Functional Interplay between Fubp1 and KHSRP
in Morning Session, Category-UG: Biology and Biomedical Sciences A
*For Graduation with Leadership Distinction in Research

Cassandra D’Amico, Biology (major), Psychology minor - Senior; UofSC Upstate
Brooke Bennett, Biology (major), Psychology minor; UofSC Upstate
Mentor(s)/co-Author(s):
Dr. Kimberly Shorter, Division of Natural Sciences and Engineering; UofSC Upstate

L-methylfolate’s effects on dendritic spines in SH-SY5Y cells
in Morning Session, Category-UG: Biology and Biomedical Sciences C

Stephen Dey, Biology (major) - Senior; UofSC Aiken
Mentor(s)/co-Author(s):
Dr. Derek Zelmer, Department of Biology and Geology; UofSC Aiken

Asynchrony and Disease Persistence in Centrarchid Fishes
in Afternoon Session, Category-UG: Biology and Environmental Sciences F

Stephanie Dijkhoff, Management (major), Advertising and Public Relations minor - Senior
Mentor(s)/co-Author(s):
Dr. Marketa Kubickova, College of Hospitality, Retail and Sport Management

Going Paperless in the Human Resources Department
in Afternoon Session, Category-UG: Experiential Learning and GLD GG
*For Graduation with Leadership Distinction in Professional and Civic Engagement
Lillian Doll, Environmental Science (major), Biology minor - Sophomore
Mentor(s)/co-Author(s):
Dr. W. Joe Jones, Environmental Health Sciences
Ecological Monitoring of Huntington Beach State Park for Conservation via UAS Survey
in Morning Session, Category-UG: Biology and Environmental Sciences C

Allison Egeli, Biological Sciences (major), Dance (major) - Junior
Mentor(s)/co-Author(s):
Dr. Holly LaVoie, Cell Biology and Anatomy; UofSC School of Medicine - Columbia
Left ventricular extracellular matrix protein mRNA levels in Timp4 null mice during pregnancy and lactation
in Afternoon Session, Category-UG: Biology and Biomedical Sciences I
*For Graduation with Leadership Distinction in Research

Taylor Faherty, Biological Sciences (major), Interdisciplinary Studies (major) - Junior
Mentor(s)/co-Author(s):
Dr. David Reisman, Department of Biological Sciences
An Analysis of novel IncRNAp53int1 Expression Levels during differentiation of leukemic cells
in Afternoon Session, Category-UG: Biology and Biomedical Sciences M
*For Graduation with Leadership Distinction in Research

Olivia Falk, Political Science (major), Experimental Psychology (major) - Senior
Mentor(s)/co-Author(s):
Mr. David Deweil, Capstone Scholars Program
Catalytic passion for change
in Afternoon Session, Category-UG: CIEL/GLD - Cultural Diversity E
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Caroline Farrell, International Business (major), Operations and Supply Chain (major) - Senior
Mentor(s)/co-Author(s):
Ms. Julie Hutt, South Carolina Honors College
Discovering Innovation Policy: A Semester at a Think Tank in Washington
in Morning Session, Category-UG: Experiential Learning and GLD H
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Gabi Fedel, Cardiovascular Technology (major) - Senior
Global Learning
in Morning Session, Category-UG: CIEL/GLD - Cultural Diversity B
*For Graduation with Leadership Distinction in Global Learning

O'livia Felton, Biology (major) - Senior; UofSC Aiken
Savanna Ray, Biology (major) - Senior; UofSC Aiken
Mentor(s)/co-Author(s):
Dr. Mary Mills, Department of Biology and Geology; UofSC Aiken
Mosquito Vector and Viral Populations in Aiken, SC
in Morning Session, Category-UG: Biology and Environmental Sciences B

Miriam Feng, Hospitality Management (major), Business Administration minor - Senior
Real-world experience before in class knowledge
in Afternoon Session, Category-UG: Experiential Learning and GLD FF
*For Graduation with Leadership Distinction in Professional and Civic Engagement
Kristen Gambardella, International Business (major), Management (major) - Junior
Mentor(s)/co-Author(s):
Dr. Sayward Harrison, Department of Psychology
Julia Budiongan, Public Health (major) - Master’s student
Emily Loud, Public Health (major) - PhD Student
“HPV, never heard of it!” : A Systematic Review of Human Papillomavirus (HPV) Perception, Awareness, Knowledge and Associated Characteristics of South Africans
in Morning Session, Category-UG: Health Sciences B

Catherine Garcia, Anthropology (major), Spanish (major) - Senior
Mentor(s)/co-Author(s):
Dr. Joanna Casey, Department of Anthropology
Dr. Karen Smith, South Carolina Department of Natural Resources, Cultural Heritage Trust
An Analysis of Ceramic Vessel Form and Function at the Pockoy Island Shell Rings
in Afternoon Session, Category-UG: Social Sciences G

Natalie Gately, Marketing (major), Spanish minor - Senior
Mentor(s)/co-Author(s):
Ms. Gina Spence, Center for Integrative and Experiential Learning
The Value of Relationships in High-Context Cultures
in Afternoon Session, Category-UG: CIEL/GLD - Cultural Diversity E
*For Graduation with Leadership Distinction in Global Learning

Kellen Gatton, Public Health (major), Spanish minor - Senior
Mentor(s)/co-Author(s):
Mr. David DeWeil, Capstone Scholars Program
Understanding is Belonging: The Path to Call Carolina Home
in Afternoon Session, Category-UG: Experiential Learning and GLD CC
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Rose Giandana, Management (major), Marketing (major) - Senior
Mentor(s)/co-Author(s):
Mr. David Deweil, Capstone Scholars Program
Organizational Effectiveness At Its Core
in Afternoon Session, Category-UG: Experiential Learning and GLD GG
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Wanjiru Gikiri, Sport and Entertainment Management (major), Business Administration minor - Senior
Mentor(s)/co-Author(s):
Dr. Ambra Hiott, Leadership and Service Center
The Importance of Understanding Organizational Structure Prior to Entering the Business Industry
in Morning Session, Category-UG: Experiential Learning and GLD G
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Rachel Gilbert, Political Science (major), English (major) - Senior
The Spark of Education
in Afternoon Session, Category-UG: Experiential Learning and GLD JJ
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Kaitlin Glover, Biological Sciences (major), Marine Science minor - Junior
Mentor(s)/co-Author(s):
Dr. Matt Kimball, School of the Earth, Ocean and Environment
Juvenile brown and white shrimp seasonal occurrence and growth in a warm-temperate estuary over the last 35 years
in Morning Session, Category-UG: Biology and Environmental Sciences A
Samantha Gordon, English (major) - Senior
   Mentor(s)/co-Author(s):
   Dr. Hannah Rule, Department of English Language and Literature
   Investigating secondary educators’ perceptions of social media literacy and its classroom integration: a qualitative survey inquiry
   in Morning Session, Category-UG: Social Sciences A

Caroline Gregory, International Studies (major), Japanese minor - Senior
   Learning Intercultural Competency in Japan
   in Afternoon Session, Category-UG: CIEL/GLD - Cultural Diversity D
   *For Graduation with Leadership Distinction in Global Learning

Annika Gupta, Biochemistry and Molecular Biology (major), Art Studio minor - Senior
   Mentor(s)/co-Author(s):
   Dr. Melissa Duffy, Department of Educational Studies
   Sculpting Organs: Development of an Arts-Based Educational Activity for Anatomy Learning
   in Afternoon Session, Category-UG: Social Sciences G

Hayley Hall, Biomedical Engineering (major), Biology minor - Senior
   Mentor(s)/co-Author(s):
   Dr. R. Michael Gower, Department of Chemical Engineering
   Resveratrol Releasing Scaffolds and Healthy Dietary Changes as a Treatment Strategy for Type 2 Diabetes
   in Afternoon Session, Category-UG: Engineering and Computing E

Sara Hamilton, Mathematic (major), Economics (major) - Senior
   Mentor(s)/co-Author(s):
   Dr. Orgul Ozturk, Department of Economics
   An Alarming Ascent: Understanding the Economic Indicators of Exploitation Under the H-2A Temporary Agricultural Program
   in Morning Session, Category-UG: Social Sciences B

Camryn Hanna, Marketing (major), Sport and Entertainment Management (major) - Senior
   The Birth of a Professional
   in Afternoon Session, Category-UG: Experiential Learning and GLD II
   *For Graduation with Leadership Distinction in Professional and Civic Engagement

Danielle Hassan, Marketing (major), Management (major) - Senior
   Mentor(s)/co-Author(s):
   Ms. Maegan Gudridge, Division of Student Affairs and Academic Support
   Understanding a Customer
   in Morning Session, Category-UG: Experiential Learning and GLD C
   *For Graduation with Leadership Distinction in Professional and Civic Engagement

Katherine Heck, English (major), Global Studies (major) - Junior
   Mentor(s)/co-Author(s):
   Dr. Michael Gavin, Department of English Language and Literature
   Dr. Stan Dubinsky, Department of English Language and Literature
   Being Kurdish on Twitter: A Case Study in Ethnolinguistic Conflict
   in Afternoon Session, Category-UG: Arts and Humanities E

Erica Henninger, Biochemistry and Molecular Biology (major), Psychology minor - Senior
   Mentor(s)/co-Author(s):
   Dr. Jane Roberts, Department of Psychology
   Ms. Erin Hunt, Department of Psychology
   Ms. Kayla Smith, Department of Psychology
   ASD Diagnostic Disparities between Males and Females
   in Afternoon Session, Category-UG: Psychology and Health F
Caroline Hensing, Interdisciplinary Studies (major) - Sophomore
Mentor(s)/co-Author(s):
Dr. Glenn Weaver, Department of Exercise Science
Ms. Chantal LaFlamme, Public Health Programs
Seasonal Variability in Children’s 24-Hour Movement Behaviors: A Systematic Review
in Morning Session, Category-UG: Health Sciences A

Bailey Hoffert, Public Health (major), Biology minor - Senior
Mentor(s)/co-Author(s):
Dr. Casey Giraudy, Department of Health Promotion, Education, and Behavior
The Impact of Inadequate Public Health on Rural Communities
in Morning Session, Category-UG: CIEL/GLD - Cultural Diversity B
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Caitlin Hoffman, Triple Major: Political Science, Russian, and Philosophy - Senior
Mentor(s)/co-Author(s):
Dr. Hilary Lichterman, Housing
Leading Beyond Borders
in Afternoon Session, Category-UG: Experiential Learning and GLD JJ
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Lauren Honan, Biochemistry and Molecular Biology (major), French minor - Senior
Mentor(s)/co-Author(s):
Dr. Parastoo Hashemi, Department of Chemistry and Biochemistry
Optimization of Serotonin Detection: Efforts Towards Improved in vivo Analysis
in Afternoon Session, Category-UG: Chemistry, Physics, and Math D
*For Graduation with Leadership Distinction in Research

Savannah Howell, Chemical Engineering (major) - Senior
Mentor(s)/co-Author(s):
Dr. Jochen Lauterbach, Department of Chemical Engineering
Mr. Michael Royko, Department of Chemical Engineering
Investigation of Wash-Coatless Stainless-Steel Mesh Catalysts for High Temperature CO Oxidation
in Morning Session, Category-UG: Engineering and Computing A

Yaunna Hunter, Public Relations (major) - Senior
Mentor(s)/co-Author(s):
Ms. Sarah Matthews, Center for Integrative and Experiential Learning
The dynamics between Leadership and Professional & Civic Engagement
in Afternoon Session, Category-UG: Experiential Learning and GLD BB
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Jamaal Jacobs, Biological Sciences (major) - Senior
Mentor(s)/co-Author(s):
Dr. Joshua Stone, Department of Biological Sciences
Cyclic Fluctuations of Zooplankton Dynamics in an Intertidal Salt-Marsh Basin
in Afternoon Session, Category-UG: Biology and Environmental Sciences F

Victoria Jamison, Finance (major), Marketing (major) - Senior
The Power of Connection: Fostering Relationships in New Environments and Unprecedented Times
in Afternoon Session, Category-UG: Experiential Learning and GLD KK
*For Graduation with Leadership Distinction in Professional and Civic Engagement
Meoshay Jefferson, Political Science (major), Business Administration: minor - Senior
Mentor(s)/co-Author(s):
Dr. Denise Wellman, Division of Student Affairs and Academic Support

Empathy, Development, Peace: My Takeaways from the Middle East
in Afternoon Session, Category-UG: CIEL/GLD - Cultural Diversity E
*For Graduation with Leadership Distinction in Global Learning

Tyreek Jenkins, Biomedical Engineering (major), Chemistry minor - Senior
Mentor(s)/co-Author(s):
Dr. Hainan Lang, Medical University of South Carolina, Pathology and Laboratory Medicine

Immune cell dysfunction and blood vessel atrophy in age-related hearing loss
in Afternoon Session, Category-UG: Biology and Biomedical Sciences M
*For Graduation with Leadership Distinction in Research

Bailey Johnson, Music (major) - Junior

All About the Tempo
in Morning Session, Category-UG: Experiential Learning and GLD D
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Samantha Johnson, Global Studies (major), Women's and Gender Studies minor - Sophomore
Mentor(s)/co-Author(s):
Dr. Emily Mann, Department of Health Promotion, Education, and Behavior

Are First-Time Mothers of ‘Advanced Maternal Age’ Actually ‘High Risk’?: A Systematic Examination of Clinical Research
in Morning Session, Category-UG: Health Sciences D

Blake Jones, Biological Sciences (major), Neuroscience minor - Senior
Mentor(s)/co-Author(s):
Dr. Jeffrey Twiss, Department of Biological Sciences

Elucidating Functions of ATF4 in Neurons and Glia
in Afternoon Session, Category-UG: Biology and Biomedical Sciences L

Megan Jones, Exercise Science (major) - Senior
Mentor(s)/co-Author(s):
Dr. Marj Pena, Department of Biological Sciences

The Effects of a High Fat Diet and Long-Term Exposure to Low-Dose Penicillin on Intestinal Tumor Development in a Mouse Model of Colorectal Cancer
in Afternoon Session, Category-UG: Biology and Biomedical Sciences I
*For Graduation with Leadership Distinction in Research

Sophie Kahler, Geography (major), History minor - Senior
Mentor(s)/co-Author(s):
Dr. Conor Harrison, Department of Geography

The Evolution of Columbia’s Neighborhoods: 1937 to Present
in Morning Session, Category-UG: Social Sciences and Humanities A

Jonathan Kappel, Physics (major), Mathemathic (major) - Senior
Mentor(s)/co-Author(s):
Dr. Thomas Crawford, Department of Physics and Astronomy

Single Particle Magnetic Particle Spectroscopy
in Afternoon Session, Category-UG: Chemistry, Physics, and Math D

Michael Keller, Exercise Science (major), Chemistry minor - Senior
Mentor(s)/co-Author(s):
Dr. Ioulia Chatzistamou, Pathology, Microbiology, and Immunology; UofSC School of Medicine – Columbia
Dr. Hippokratis Kiaris, Department of Drug Discovery & Biomedical Sciences

Polymorphisms in Unfolded Protein Response Genes
in Morning Session, Category-UG: Biology and Biomedical Sciences E
Victoria Kesching, Environmental Science (major) - Senior  
**Peer Leadership in the Green Quad Community**  
in Afternoon Session, Category-UG: Experiential Learning and GLD KK  
*For Graduation with Leadership Distinction in Professional and Civic Engagement*

Chelsea Kuehler, Liberal Studies - Senior; Palmetto College  
Mentor(s)/co-Author(s):  
Dr. Sarah Miller, History; UofSC Salkehatchie  
**All the Little Things**  
in Morning Session, Category-UG: CIEL/GLD - Cultural Diversity A  
*For Graduation with Leadership Distinction in Community Service*

Grace Lady, Baccalaureus Artium et Scientiae (major) - Senior  
Mentor(s)/co-Author(s):  
Dr. Melissa Duffy, Department of Educational Studies  
**How can I help? Investigating the Role of Social Supports in Academic Resilience Among Undergraduate Students**  
in Afternoon Session, Category-UG: Social Sciences F  
*For Graduation with Leadership Distinction in Professional and Civic Engagement*

Benjamin Leslie, Experimental Psychology (major) - Senior  
**How can I help? Investigating the Role of Social Supports in Academic Resilience Among Undergraduate Students**  
in Afternoon Session, Category-UG: Social Sciences F  
*For Graduation with Leadership Distinction in Professional and Civic Engagement*

Cameryn Freglette, Experimental Psychology (major), Neuroscience minor - Junior  
Natalie Long, Dance (major), Experimental Psychology (major) - Junior  
Mentor(s)/co-Author(s):  
Dr. Svetlana Shinkareva, Department of Psychology  
Ms. Sewon Oh, Department of Psychology  
**Ratings of Affective Narrative**  
in Morning Session, Category-UG: Social and Health Sciences A

Kirstin Lewis, Criminology and Criminal Justice (major), Sociology minor - Senior  
Mentor(s)/co-Author(s):  
Dr. Tia Stevens Andersen, Department of Criminology and Criminal Justice  
**Adolescent Mentoring**  
in Afternoon Session, Category-UG: Experiential Learning and GLD AA  
*For Graduation with Leadership Distinction in Professional and Civic Engagement*

Christian Loftis, Computer Science (major) - Sophomore  
Mentor(s)/co-Author(s):  
Dr. Jianjun Hu, Department of Computer Science and Engineering  
**Lattice Thermal Conductivity Prediction Using Symbolic Regression and Machine Learning**  
in Afternoon Session, Category-UG: Computing E

Blakely Lovett, Public Health (major), Advertising and Public Relations minor - Senior  
**Blakely Lovett - Professional and Civic Engagement**  
in Afternoon Session, Category-UG: CIEL/GLD - Wellness and Health G  
*For Graduation with Leadership Distinction in Professional and Civic Engagement*

Andrew W. Lyon, Exercise Science (major) - Senior  
Mentor(s)/co-Author(s):  
Dr. Kyle Silvey, Department of Physical Education and Athletic Training  
Mr. T. Cade Abrams, Department of Physical Education and Athletic Training  
Mr. Bryan M. Terlizzi, Department of Physical Education and Athletic Training  
**Associations Between Object Projection Skills and Performance on the Army Combat Fitness Test**  
in Afternoon Session, Category-UG: Health Sciences G

Riya Makharia, Chemical Engineering (major), Business Administration minor - Senior  
**Think Like An Engineer**  
in Afternoon Session, Category-UG: CIEL/GLD – Entrepreneurial A  
*For Graduation with Leadership Distinction in Professional and Civic Engagement*
Hannah Martin, English (major) - Junior  
Mentor(s)/co-Author(s):  
Dr. Scott Gwara, Department of English Language and Literature  
*I think the king is but a man*: Constructing Empire in the Chronique Anonyme Universelle  
in Afternoon Session, Category-UG: Arts and Humanities E

Madison McCarty, Biological Sciences (major), Experimental Psychology (major) - Senior  
Mentor(s)/co-Author(s):  
Dr. Jane Roberts, Department of Psychology  
Dr. Abigail Hogan, Department of Psychology  
Ms. Ramsey Coyle, Department of Psychology  
Differences in Symptom Presentation of Anxiety Disorders in Children with Autism Spectrum Disorder, Younger Siblings of Children with Autism Spectrum Disorder, and Typically Developing Children  
in Morning Session, Category-UG: Psychology and Health B

Felicia McGill, Mathematc (major), Spanish (major) - Junior  
Mentor(s)/co-Author(s):  
Dr. Jane Roberts, Department of Psychology  
Dr. Abigail Hogan, Department of Psychology  
Ms. Kayla Smith, Department of Psychology  
Relationship Between Social Motivation and Autism Symptom Severity in Autistic Children  
in Morning Session, Category-UG: Social and Health Sciences A  
*For Graduation with Leadership Distinction in Research*

Kellie McIntyre, Public Health (major) - Senior  
Mentor(s)/co-Author(s):  
Dr. Jessica Klusek, Department of Communication Sciences and Disorders  
Respiratory Sinus Arrhythmia as a Predictor of Semantic Interference Performance and Ageing in Women with the FMR1 Premutation  
in Afternoon Session, Category-UG: Social and Health Sciences D  
*For Graduation with Leadership Distinction in Research*

Taylor Meadows, Nursing (major) - Senior  
My Journey from Student Leader to Future Healthcare Leader  
in Morning Session, Category-UG: CIEL/GLD - Wellness and Health A  
*For Graduation with Leadership Distinction in Professional and Civic Engagement*

Julia Meilan, Biological Sciences (major), Psychology minor - Senior  
Medical Service Volunteer  
in Morning Session, Category-UG: CIEL/GLD - Wellness and Health C  
*For Graduation with Leadership Distinction in Professional and Civic Engagement*

Teresa Melton, Associate in Science, Associate in Arts - Junior; UofSC Lancaster  
Campus Organizations Create Community Leaders  
in Afternoon Session, Category-UG: Experiential Learning and GLD DD  
*For Graduation with Leadership Distinction in Professional and Civic Engagement*

Alekhya Mitta, Biochemistry and Molecular Biology (major) - Senior  
Mentor(s)/co-Author(s):  
Dr. Abigail Hogan, Department of Psychology  
Predictors of Comorbid Anxiety in Children Diagnosed With Fragile X Syndrome  
in Afternoon Session, Category-UG: Psychology and Health E

Morgan Monty, Music (major) - Senior  
Mentor(s)/co-Author(s):  
Dr. Jennifer Parker-Harley, School of Music  
A Breath of Fresh Arts: Community Arts in London, England  
in Morning Session, Category-UG: Arts and Humanities B
Christopher Morgan, Biological Sciences (major), Neuroscience minor - Senior
Mentor(s)/co-Author(s):
Dr. Susan Wood, Pharmacology, Physiology, and Neuroscience; UofSC School of Medicine - Columbia
Understanding Cardiovascular Dysfunction in Gulf War Illness
in Morning Session, Category-UG: Biology and Biomedical Sciences E

Mary Pat Morgan, Public Health (major), Business Administration minor - Senior
Mentor(s)/co-Author(s):
Dr. Matthew Childs, Department of History
Community Service with a Public Health Emphasis
in Afternoon Session, Category-UG: CIEL/GLD - Wellness and Health F
*For Graduation with Leadership Distinction in Community Service

Benjamin Moses, Physics (major), Mathematics (major) - Junior
Mentor(s)/co-Author(s):
Dr. Yordanka Ilieva, Department of Physics and Astronomy
Detector Constraints for Gluon Imaging of Light Nuclei with J/ψ Photoproduction at the EIC
in Morning Session, Category-UG: Science, Technology, Engineering, and Math A
*For Graduation with Leadership Distinction in Research

Sarah Mott, Experimental Psychology (major), Neuroscience minor - Junior
Mentor(s)/co-Author(s):
Dr. Susan Wood, Pharmacology, Physiology, and Neuroscience; UofSC School of Medicine - Columbia
Ms. Brittany Pope, Department of Exercise Science
Estradiol-Specific Neural Regulation of Social Stress Susceptibility in Female Rats
in Morning Session, Category-UG: Biology and Biomedical Sciences B

Cathryn Murphy, Biochemistry and Molecular Biology (major), Spanish minor - Junior
Mentor(s)/co-Author(s):
Dr. Whitney Zahnd, School of Public Health
Dr. Jan Eberth, School of Public Health
Analysis of Statewide Comprehensive Cancer Control Plans in Addressing the Disproportionate Rural Cancer Burden
in Morning Session, Category-UG: Health Sciences C

Minnie Ng, Pharmaceutical Sciences (major) - Senior
Pharmily
in Afternoon Session, Category-UG: CIEL/GLD - Wellness and Health F
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Thien Nguyen, Nursing - RN (major)
Mentor(s)/co-Author(s):
Dr. Cynthia Corbett, College of Nursing
Mrs. Elizabeth Combs, College of Nursing
Ms. Pamela Wright, College of Nursing
Older Adults’ Use and Perceptions of Smart Lighting
in Morning Session, Category-UG: Health Sciences B

Alexandra Nilsson, Marketing (major), Management (major) - Senior
Taking Care of the Me in Social MEdia
in Afternoon Session, Category-UG: CIEL/GLD - Entrepreneurial A
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Matthew Noneman, Biological Sciences (major), Business Administration minor - Junior
Mentor(s)/co-Author(s):
Dr. Kandy Velazquez, Pathology, Microbiology, and Immunology; UofSC School of Medicine - Columbia
Effects of Ojeok-san on IL-10 knockout and Mdr1a knockout induced colitis
in Afternoon Session, Category-UG: Biology and Biomedical Sciences L
Meaghan O'Connor, Biological Sciences (major), Neuroscience minor - Junior
Mentor(s)/co-Author(s):
Dr. Joseph McQuail, Pharmacology, Physiology, and Neuroscience; UofSC School of Medicine - Columbia
Similar Working Memory and Stress Response in Male and Female Rats
in Afternoon Session, Category-UG: Biology and Biomedical Sciences J

Adam Okinaga, Biochemistry and Molecular Biology (major) - Senior
Mentor(s)/co-Author(s):
Dr. Jennifer Grier, Biomedical Sciences; UofSC School of Medicine - Greenville
CRISPR-CAS9 Mediated Knockdown of Interferon Induced Protein 35 (IFI35) in a Human Lung Epithelial Cell Line for Investigation of the Respiratory Antiviral Response
in Afternoon Session, Category-UG: Biology and Biomedical Sciences K

Sara Padula, Biological Sciences (major), Psychology minor - Junior

Mary Pelton, Marine Science (major) - Junior
Mentor(s)/co-Author(s):
Dr. Nathan Senner, Department of Biological Sciences
Estimation of population size and habitat-use of the Red Knot (Calidris canutus rufa) in Seabrook and Kiawah Island, South Carolina
in Morning Session, Category-UG: Biology and Environmental Sciences A
*For Graduation with Leadership Distinction in Research

Niharika Pandala, Computer Engineering (major) - Senior
Mentor(s)/co-Author(s):
Dr. Homayoun Valafar, Department of Computer Science and Engineering
A Preliminary Investigation in the Molecular Basis of Host Shutoff Mechanism in SARS-CoV
in Morning Session, Category-UG: Computing A
*For Graduation with Leadership Distinction in Research

Sarayu Parise, Biological Sciences (major), Spanish minor - Junior
Mentor(s)/co-Author(s):
Dr. Jeff Twiss, Department of Biological Sciences
Ms. Courtney Buchanan, Pharmacology, Physiology, and Neuroscience; UofSC School of Medicine - Columbia
Role of FXR1 and FMRP RNA binding proteins in axon growth
in Afternoon Session, Category-UG: Biology and Biomedical Sciences J

Khushi Patel, Nursing - RN (major) - Freshman
Mentor(s)/co-Author(s):
Dr. Cynthia Corbett, College of Nursing
Ms. Elizabeth Combs, College of Nursing
Perceptions of COVID-19 and the Use of Health Information Technology among People who are Uninsured
in Afternoon Session, Category-UG: Social and Health Sciences E

Brynn Peck, Marketing (major), Advertising and Public Relations minor - Senior
Mentor(s)/co-Author(s):
Mr. Timothy Lewis, Office of New Student Orientation
Service Learning: Charity, Change, and Leadership Development
in Afternoon Session, Category-UG: Experiential Learning and GLD FF
*For Graduation with Leadership Distinction in Community Service

Tina-Nhung Pham, Public Health (major), Biology minor - Senior
Uncle Sam versus Zeus: The Reality of Varying Health Care Perspectives
in Afternoon Session, Category-UG: CIEL/GLD - Wellness and Health E
*For Graduation with Leadership Distinction in Professional and Civic Engagement
Jessica Pia, Exercise Science (major), Spanish minor - Senior
Mentor(s)/co-Author(s):
Dr. Toni Torres-McGehee, Department of Exercise Science
Ms. Allison Smith, Department of Exercise Science
Energy Deficiency: Clinical Assessment Tool Comparisons for Collegiate and Recreational Athletes in Morning Session, Category-UG: Health Sciences A

Mary Grace Pitts, Operations and Supply Chain (major), Finance (major) - Senior
My Time As President
in Morning Session, Category-UG: Experiential Learning and GLD I
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Thomas Poteat, Biomedical Engineering (major), Psychology minor - Senior
Mentor(s)/co-Author(s):
Ms. Alexandra Shay, Sustainability
The Building of a Team
in Morning Session, Category-UG: Experiential Learning and GLD J
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Allison Powell, Accounting (major), Business Analytics Concentration - Senior
Peer Leadership in the Greek Community during COVID-19
in Afternoon Session, Category-UG: Experiential Learning and GLD DD
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Danielle Prisendorf, Biological Sciences (major), Chemistry minor - Junior
Mentor(s)/co-Author(s):
Dr. Mohamad Azhar, Cell Biology and Anatomy; UofSC School of Medicine - Columbia
Role of Cardiomyocyte-Specific Transforming Growth Factor Beta1 in Adult Heart Disease
in Afternoon Session, Category-UG: Biology and Biomedical Sciences J

Shelby Rader, Biological Sciences (major), Chemistry minor
Mentor(s)/co-Author(s):
Dr. Melanie Cozad, Department of Health Services Policy and Management
Controlling What We Can – Identifying Barriers to Diabetes Care Associated with COVID-19 in a Low SES Diabetic Patient Population
in Afternoon Session, Category-UG: Health Sciences H

Ryleigh Rawson, Public Health (major), Spanish minor - Senior
Mentor(s)/co-Author(s):
Mr. Rico Reed, National Resource Center for The First-Year Experience and Students in Transition
Understanding Healthcare Inequities: My Lessons in Becoming an Optimal Ally
in Afternoon Session, Category-UG: CIEL/GLD - Wellness and Health G
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Asher Roberts, Exercise Science (major), Psychology minor - Senior
Mentor(s)/co-Author(s):
Dr. Kyle Silvey, Department of Physical Education and Athletic Training
Mr. Bryan Terlizzi, Department of Physical Education and Athletic Training
Mr. Cade Abrams, Department of Physical Education and Athletic Training
Associations between object projection skills and performance on the Army Physical Fitness Test
in Afternoon Session, Category-UG: Health Sciences I

Jamie Roberts, Biochemistry and Molecular Biology (major), Business Administration minor - Junior
Mentor(s)/co-Author(s):
Dr. Johannes Stratmann, Department of Biological Sciences
Changes in MAP kinase activity and medium pH in response to plant Volatile Organic Compounds in tomato cells
in Afternoon Session, Category-UG: Biology and Environmental Sciences G
Evan Robinette, Exercise Science (major), Psychology minor - Senior  
Mentor(s)/co-Author(s):  
Dr. John Bernhart, Department of Health Promotion, Education and Behavior  
Dr. Sarah Burkart, Department of Health Promotion, Education and Behavior  
Examining the Effects of an After-School Physical Activity Program on Elementary School Students’ Well-Being  
in Morning Session, Category-UG: Health Sciences D

Isabelle Robinson, Biological Sciences (major), Interdisciplinary Studies (major) – Senior  
Malorie Webb, Public Health (major), Chemistry minor – Senior  
Mentor(s)/co-Author(s):  
Dr. Elizabeth Will, Department of Psychology  
Dr. Jane Roberts, Department of Psychology  
Syndrome-Specific Attention Profiles in Infants with a Neurodevelopmental Disorder  
in Morning Session, Category-UG: Social and Health Sciences A

Samantha Roche, Sport and Entertainment Management (major), Spanish minor - Senior  
Failure Is The Best Teacher  
in Morning Session, Category-UG: Experiential Learning and GLD J  
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Jessica Rodgers, Marine Science (major) - Senior  
Mentor(s)/co-Author(s):  
Dr. Susan Lang, School of the Earth, Ocean and Environment  
Mr. Bryan Benitez-Nelson, School of the Earth, Ocean and Environment  
Comparing Carbon Sources of Microbes in the Chimneys of the Lost City Hydrothermal Vent Field: Does Location Matter?  
in Morning Session, Category-UG: Biology and Environmental Sciences B

Danny Rodrigues, International Business (major), Management (major) - Senior  
Mentor(s)/co-Author(s):  
Ms. Tiffany Conde, Department of Residence Life  
Harmony Through Clarity  
in Morning Session, Category-UG: CIEL/GLD - Cultural Diversity A  
*For Graduation with Leadership Distinction in Global Learning

Aubri Romes, Marketing (major), Hotel, Restaurant, and Tourism Management minor - Senior  
Mentor(s)/co-Author(s):  
Dr. Casey Giraudy, Department of Health Promotion, Education and Behavior  
Leading Through Mentorship During a Pandemic  
in Afternoon Session, Category-UG: Experiential Learning and GLD DD  
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Alan Rowland, Physics (major) - Senior  
Mentor(s)/co-Author(s):  
Dr. Yanwen Wu, Department of Physics and Astronomy  
Analysis of Piezoelectric PVDF-Au Films  
in Afternoon Session, Category-UG: Chemistry, Physics, and Math E  
*For Graduation with Leadership Distinction in Research

Emily Saathoff, Public Health (major), Psychology minor - Senior  
Mentor(s)/co-Author(s):  
Dr. Jeffrey Schatz, Department of Psychology  
Ms. Julia Johnston, Department of Psychology  
Feasibility of an electronic pain management intervention for parents of preschool aged children with sickle cell disease  
in Morning Session, Category-UG: Psychology and Health A  
*For Graduation with Leadership Distinction in Research
Brittany Salciccioli, Biology (major) - Junior; UofSC Upstate
Mentor(s)/co-Author(s):
Dr. Scott Tanner, Division of Natural Sciences and Engineering; UofSC Upstate
Modeling inflammatory bowel disease using p-glycoprotein deficient Caenorhabditis elegans
in Afternoon Session, Category-UG: Biology and Biomedical Sciences K

Kara Samuels, Associate in Science - Sophomore; UofSC Sumter
The Impact of Student Government
in Morning Session, Category-UG: Experiential Learning and GLD F
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Emma Sandago, Biological Sciences (major), Neuroscience minor - Sophomore
Mentor(s)/co-Author(s):
Dr. Ana Pocivavsek, Pharmacology, Physiology, and Neuroscience; UofSC School of Medicine - Columbia
Sex Dependent Cognitive Impairments in Kynurenine 3-monoxygenase Deficient Mice: Relevance to Schizophrenia
in Afternoon Session, Category-UG: Biology and Biomedical Sciences L

Faith Schroers, Exercise Science (major) - Senior
Building Competency in Research Skills through Sports Science Research Testing
in Morning Session, Category-UG: CIEL/GLD - Wellness and Health B
*For Graduation with Leadership Distinction in Research

Deja Scott, Computer Science (major) - Senior
Mentor(s)/co-Author(s):
Dr. Song Wang, Department of Computer Science and Engineering
Contour-base Shape Matching and Segmentation of Cultural Heritage Objects
in Morning Session, Category-UG: Computing A

Jacob Semba, Operations and Supply Chain (major) - Senior
Sustainable Global Sourcing Strategies
in Morning Session, Category-UG: Experiential Learning and GLD B
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Sarah Sharpe, Visual Communications (major), Hotel, Restaurant, and Tourism Management minor - Senior
Mentor(s)/co-Author(s):
Dr. Denise Wellman, Division of Student Affairs and Academic Support
Finding a Mentor
in Morning Session, Category-UG: Experiential Learning and GLD E
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Callie Shirley, Biological Sciences (major), Interdisciplinary Studies (major) - Junior
Mentor(s)/co-Author(s):
Dr. Shan Qiao, Department of Health Promotion, Education and Behavior
Fostering organizational resilience in HIV care facilities in South Carolina: Lessons learned from the COVID-19 pandemic
in Afternoon Session, Category-UG: Social and Health Sciences E
*For Graduation with Leadership Distinction in Research

Kate Smith, Media Arts (major), Advertising (major) - Senior
Techniques for Conflict Resolution from an Orientation Leader
in Afternoon Session, Category-UG: Experiential Learning and GLD BB
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Natalie Smith, Statistics (major) - Senior
The Impact of Being a University Ambassador: What Campus Tours Taught Me About Being a Statistics Major
in Morning Session, Category-UG: Experiential Learning and GLD A
*For Graduation with Leadership Distinction in Professional and Civic Engagement
Jaden Sorbie, Sport and Entertainment Management (major) - Senior
Service Before Self
in Morning Session, Category-UG: Experiential Learning and GLD K
*For Graduation with Leadership Distinction in Professional and Civic Engagement

William Stallings, Political Science (major), English (major) - Senior
Mentor(s)/co-Author(s):
Dr. Stan Dubinsky, Department of English Language and Literature
Dr. Michael Gavin, Department of English Language and Literature
Sub-National Identity and the Development of Nationalism in Basque Country and Catalonia
in Morning Session, Category-UG: Arts and Humanities A

Kendall Stalls, Biological Sciences (major), Health Promotion, Education, and Behavior minor - Senior
Mentor(s)/co-Author(s):
Dr. Marj Pena, Department of Biological Sciences
Dr. Kristen Hogan, Department of Biological Sciences
Ms. Niti Jani, Department of Biological Sciences
The Effects of Early Life Exposure to Antibiotics on Tumor Burden and Gut Microbiome Composition in a Mouse Model of Colorectal Cancer
in Morning Session, Category-UG: Biology and Biomedical Sciences C
*For Graduation with Leadership Distinction in Research

Sierra Stewart, Computer Information Systems (major) - Senior
By Culture and By Merit: Cultivating Leadership Through Sisterhood
in Morning Session, Category-UG: Experiential Learning and GLD E
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Sophia Storlazzi, Public Health (major), Biology minor - Senior
Mentor(s)/co-Author(s):
Ms. Emily Jones, Facilities Department
Mr. Mitch Nettesheim, Campus Recreation
UofSC Bike Refurbishment and Redistribution Feasibility Study
in Afternoon Session, Category-UG: Social Sciences F

Maria Striebich, Biological Sciences (major), Psychology minor – Junior
Mentor(s)/co-Author(s):
Dr. Jessica Klusek, Department of Communication Sciences and Disorders
Dr. Katherine Bangert, Department of Communication Sciences and Disorders
Association between language production ability and FXTAS symptomology in mothers with the FMR1 premutation
in Morning Session, Category-UG: Social and Health Sciences A

Isabel Stringfellow, Public Health (major), Biology minor - Junior
Mentor(s)/co-Author(s):
Dr. Cynthia Corbett, College of Nursing
Patient Perceptions of Post-Hospital Discharge Medication Adherence: A Meta-Synthesis
in Afternoon Session, Category-UG: Health Sciences I
*For Graduation with Leadership Distinction in Research

Riley Sutherland, Baccalaureus Artium et Scientiae (major) - Sophomore
Mentor(s)/co-Author(s):
Dr. Woody Holton, Department of History
Amazons and Angels: Army Women in the American War for Independence
in Morning Session, Category-UG: Arts and Humanities A
Navid Tavakoli, Biological Sciences (major), Statistics minor - Senior
Mentor(s)/co-Author(s):
  Dr. Parastoo Hashemi, Department of Chemistry and Biochemistry
**Environmental and Pharmaceutical Effects on Serotonergic Transmission**
in Afternoon Session, Category-UG: Chemistry, Physics, and Math E

Alexandria Taylor, Public Health (major), Psychology minor - Senior
Mentor(s)/co-Author(s):
  Ms. Gina Spence, Center for Integrative and Experiential Learning
**Bridging the Gap: Leadership in Non-Traditional Forms**
in Afternoon Session, Category-UG: Experiential Learning and GLD HH
*For Graduation with Leadership Distinction in Community Service*

Jessica Teresi, Biological Sciences (major) - Senior
Promoting Student Mental Wellness as a Changing Carolina Peer Leader
in Morning Session, Category-UG: CIEL/GLD - Wellness and Health B
*For Graduation with Leadership Distinction in Professional and Civic Engagement*

Grace Towery, Biological Sciences (major), Health Promotion, Education, and Behavior minor - Junior
Mentor(s)/co-Author(s):
  Dr. Emily Mann, Department of Health Promotion, Education and Behavior
**Social and Cultural Factors Shaping Contraceptive Attitudes and Use among Latinx Immigrants in South Carolina: Results from a Community-Based Study**
in Morning Session, Category-UG: Health Sciences C

Brooke Turk, Psychology (major), Neuroscience minor - Senior; UofSC Aiken
Mentor(s)/co-Author(s):
  Dr. Laura Jelsone-Swain, Department of Psychology; UofSC Aiken
**The Effect of Acetaminophen on Brain Activity During a Pain Observation Task: An EEG Study**
in Morning Session, Category-UG: Psychology and Health B

Samantha Turner, Environmental Studies (major) - Senior
GLD Professional and Civic Engagement Internship Presentation
in Morning Session, Category-UG: Experiential Learning and GLD H
*For Graduation with Leadership Distinction in Professional and Civic Engagement*

Mansi Verma, Experimental Psychology (major), Philosophy minor - Junior
Mentor(s)/co-Author(s):
  Dr. Douglas Wedell, Department of Psychology
  Mr. William Hayes, Department of Psychology
**Decoy Effects in Choice Under Cognitive Load**
in Afternoon Session, Category-UG: Social and Health Sciences D
*For Graduation with Leadership Distinction in Research*

Raeann Vossberg, Public Health (major) - Senior
Mentor(s)/co-Author(s):
  Dr. Elizabeth Crouch, Department of Health Services Policy and Management
**Defining Septicemia Incidence and Mortality in South Carolina Through Access to Health Care, Behavioral Health, and Low Socio-economic Status**
in Morning Session, Category-UG: Health Sciences B
*For Graduation with Leadership Distinction in Research*

Rose Wallace, Early Childhood Education (major) - Senior
Mentor(s)/co-Author(s):
  Ms. Tiffany Conde, Department of Residence Life
**The Need for Reform in Early Childhood Education**
in Morning Session, Category-UG: Experiential Learning and GLD D
*For Graduation with Leadership Distinction in Diversity and Social Advocacy*
Matthew Ward, English (major), Art Studio minor - Senior

Uniting a Community
in Morning Session, Category-UG: Experiential Learning and GLD F
*For Graduation with Leadership Distinction in Diversity and Social Advocacy

Kaylee Weatherspoon, Mathematic (major), French (major) - Sophomore
Mentor(s)/co-Author(s):
Dr. Joshua Cooper, Department of Mathematics

Chromatic Number of Disks in the Plane
in Morning Session, Category-UG: Science, Technology, Engineering, and Math A

Chaselyn Williams, English (major), Hotel, Restaurant, and Tourism Management minor - Junior

Leadership Awareness
in Afternoon Session, Category-UG: Experiential Learning and GLD EE
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Hannah Williams, Biological Sciences (major), Chemistry minor - Senior

Fighting Food Insecurity with Gamecock Pantry
in Morning Session, Category-UG: Experiential Learning and GLD K
*For Graduation with Leadership Distinction in Community Service

Michal Claire Williams, Chemistry (major), Mathematics minor - Senior
Mentor(s)/co-Author(s):
Dr. Philip Busbee, Pathology, Microbiology, and Immunology; UofSC School of Medicine - Columbia

AhR expression on both Rorc-expressing immune cells is essential for I3C-mediated protection against colitis
in Morning Session, Category-UG: Biology and Biomedical Sciences D

Brooke Wilson, Exercise Science (major), Health Promotion, Education, and Behavior minor - Senior
Mentor(s)/co-Author(s):
Dr. Abbi Lane-Cordova, Department of Exercise Science

Gestational Weight Gain Not Associated with Arterial Stiffness in Post-Partum Women
in Afternoon Session, Category-UG: Health Sciences G

Bailey Wojciak, Public Health (major), Spanish minor - Senior
Mentor(s)/co-Author(s):
Dr. Nicole Zarrett, Department of Psychology

Examining Non-targeted Effects of the Connect Through PLAY Intervention on Adolescent Internalizing Symptoms
in Afternoon Session, Category-UG: Psychology and Health F
*For Graduation with Leadership Distinction in Professional and Civic Engagement

Lauryn Workman, History (major), Global Studies (major) - Senior

De-centering Whiteness and Connecting Minoritized Communities
in Afternoon Session, Category-UG: Experiential Learning and GLD CC
*For Graduation with Leadership Distinction in Global Learning

Courtney Wright, Biological Sciences (major), Neuroscience minor
Mentor(s)/co-Author(s):
Dr. Ana Pocivavsek, Pharmacology, Physiology, and Neuroscience; UofSC School of Medicine - Columbia

Prenatal Kynurenine Elevation in Rats Elicits Sex-Dependent Changes in Hippocampal Kynurenic Acid, Glutamate, and GABA during Adulthood: Implications for Psychotic Disorders
in Morning Session, Category-UG: Biology and Biomedical Sciences D

Jake Young, Chemical Engineering (major) - Senior

My Engineering Experience
in Afternoon Session, Category-UG: Experiential Learning and GLD EE
*For Graduation with Leadership Distinction in Professional and Civic Engagement
Sydney Zarsadias, Public Health (major) - Senior
Mentor(s)/co-Author(s):
Dr. Xueying Yang, Department of Health Promotion, Education and Behavior

HIV in MSM: Facilitators and barriers for ART adherence, seeking care, and retaining care
in Morning Session, Category-UG: Health Sciences B

*For Graduation with Leadership Distinction in Research