MORNING PRESENTATIONS

Morning UG: Arts, Humanities, and Social Sciences A
First Place
Descriptive Representation in Politics and its Impact on Voting Turnout and Behavior on College-Aged Women of Color
Jazmine Lara Guerrero, Political Science (major) - Senior
Dr. Todd Shaw, Department of Political Science

Second Place
Focus Group and Survey Responses to Postural Feedback During Creative Movement Exploration
Mary Matthews, Baccalaureus Artium et Scientiae (major) - Senior
Prof. André Megerdichian, Department of Theatre and Dance
Dr. Michelle Brown, Department of Psychology

Morning UG: Arts, Humanities, and Social Sciences B
First Place
Searching for Utopia in Soviet and Western Women’s Science Fiction of the Space-Race Era
Cecilia Callozzo, Russian (major) - Junior
Dr. Judith Kalb, Department of Languages, Literatures, and Cultures

Second Place
El Salvador Research Travel June-July 2023, The Sleeping Woman Speaks: Memory & Voice of the Women of the Guazapa Volcano, El Salvador (Phase 2)
Cynthia Curtis, Anthropology, Native American Studies (major) – Senior; USC Lancaster
Prof. Christopher Judge, Anthropology; USC Lancaster

Morning UG: Arts, Humanities, and Social Sciences C
First Place
A Historical Analysis of Health Institutions, Professionals, and Advocates in the Civil Rights Movement in Columbia, South Carolina
Anusha Ghosh, Baccalaureus Artium et Scientiae (major) - Junior
Dr. Bobby Donaldson, Department of History

Second Place
Publicly Funded Healthcare vs. Mixed Healthcare System in Regard to COVID-19 Response
Ryann Howard, Public Health (major) - Senior
Dr. Kirk Randazzo, Department of Political Science

Morning UG: Arts, Humanities, and Social Sciences D
First Place
The Influence of Neoliberal and Ecoimperialist Contexts on Conservation: Insights From Ecuador’s Mache-Chindul Ecological Reserve
Carlos Sanchez-Julia, International Studies (major) - Senior
Dr. Robert Kopack, Department of Geography
Mrs. Liat Perlin, Department of Sociology; Tulane University

Second Place
Vietnam Veterans Oral History Project: From Aiken to the Library of Congress
Luke Aldridge, History (major) – Junior; USC Aiken
Dr. Sarah King, Department of History, Political Science, and Philosophy; USC Aiken

Morning UG: Arts, Humanities, and Social Sciences E
First Place
The Evolution of Media Portrayals of Cleveland Sellers and the Orangeburg Massacre in Newspaper Coverage from 1968 to 1998

*Julio Domingo*, Political Science (major) - Senior

Dr. Monique Lyle, Center for Civil Rights History and Research

Prof. Jill Found, Department of History

**Second Place**

**Exploring the Racial Identity within the Caribbean**

*Abria Nichols*, Psychology (major) - Junior

Dr. Matt Childs, Department of History

---

**Morning UG: Biology and Biomedical Sciences A**

**First Place**

**Exploring the Interaction Between WWP1 and WBP2 in the Human Heart**

*Meaghan Arnold*, Biological Sciences (major) - Senior

Dr. Lydia Matesic, Department of Biological Sciences

Dr. Douglas Pittman, Department of Drug Discovery & Biomedical Sciences

**Second Place**

**Different Wavelengths of Light at Night Alter the Medial Amygdala and Social Behavior among Adolescent Mice in a Sex-Specific Manner**

*Janhvi Kartik*, Biochemistry and Molecular Biology (major) - Junior

Dr. Alessandra Porcu, Department of Drug Discovery & Biomedical Sciences

Dr. Pablo Bonilla, Department of Drug Discovery & Biomedical Sciences

---

**Morning UG: Biology and Biomedical Sciences B**

**First Place**

**Assessing effects of CDK8/19 Inhibition on Metastasis of Triple Negative Breast Cancer**

*Karthik Rangavajhula*, Biochemistry and Molecular Biology (major) - Senior

Dr. Gary Schools, Department of Drug Discovery & Biomedical Sciences

Dr. Eugenia Broude, Department of Drug Discovery & Biomedical Sciences

**Second Place**

**A Novel Tissue-Specific Insight into Sex Steroid Fluctuations Throughout the Murine Estrous Cycle**

*Cassidy Socia*, Biochemistry and Molecular Biology (major) - Senior

Dr. Reilly Enos, Pathology, Microbiology, and Immunology

Mr. Trey Hope, Pathology, Microbiology, and Immunology

---

**Morning UG: Biology and Biomedical Sciences C**

**First Place**

**Characterization of the RNA Binding Proteins Regulating Axonal Localization of Prenyl-Cdc42 mRNA**

*Ashley Loomis*, Biological Sciences (major) - Senior

Dr. Jeffery Twiss, Department of Biological Sciences

Mr. Caleb Morris, Department of Exercise Science

**Second Place**

**Unveiling the Amygdala Neuronal Network Behind Nighttime Light-Induced Anxiety-Like Behaviors in Adolescent Mice**

*Yatin Nerella*, Biological Sciences (major) - Senior

Dr. Alessandra Porcu, Department of Drug Discovery & Biomedical Sciences

Dr. Pablo Bonilla, Department of Drug Discovery & Biomedical Sciences

---

**Morning UG: Biology and Biomedical Sciences D**

**First Place**

**Effects of Blue Light at Night on Astrocyte Function in the Amygdala**
Lily Quick, Biological Sciences (major) - Senior
Dr. Alessandra Porcu, Department of Drug Discovery & Biomedical Sciences

Second Place
Context dependency of conditioned inhibition of fear: Implications for anxiety and stress disorders
Kailyn Clark, Biological Sciences (major) - Senior
Dr. Aaron Jasnow, Pharmacology, Physiology, and Neuroscience
Mrs. Carly Vincent, Pharmacology, Physiology, and Neuroscience

Morning UG: Biology and Environmental Sciences A
First Place
Exploring Population-Specific Differences in Male Mating Behavior in Laboratory Island Populations of Drosophila melanogaster
Teaghan Brosokas, Biological Sciences (major) - Senior
Dr. Brian Hollis, Department of Biological Sciences
Mr. Graham McLaughlin, Department of Biological Sciences

Second Place
The Identification and Analysis of the Gene TBK1 in the Daphnia Pulex Genome
Sarah Alois, Biological Sciences (major) - Senior
Dr. Charles Schumpert, Department of Biological Sciences

Morning UG: Biology and Environmental Sciences B
First Place
Automated Yeast Colony Detection and Classification using Machine Learning
Cayden Scruggs, Computer Science (major) - Junior
Dr. Tad Dallas, Department of Biological Sciences

Second Place
Considering constructed floating wetlands as habitats for mummichog (Fundulus heteroclitus) in simulated estuarine mesocosms
Gabrielle Ziegler, Environmental Studies (major) - Senior
Dr. William Strosnider, School of Earth, Ocean, and Environment
Mr. Levi McKercher, School of Earth, Ocean, and Environment

Morning UG: Biology and Environmental Sciences C
First Place
The death of Opuntia spp. in the dunes, a multifaceted front from habitat degradation and erosion to the invasive moth Cactoblastis cactorum
Jenna McCarty, Biology (major) – Senior; USC Beaufort
Dr. Steve Borgianini, Department of Natural Sciences; USC Beaufort

Second Place
An Investigation of South Carolina’s Coastal Moth Evolution Over Fifty Years’ Time
Allison Fletcher, Biochemistry and Molecular Biology (major) - Junior
Dr. Eric LoPresti, Department of Biological Sciences

Morning UG: Biology and Environmental Sciences D
First Place
Early-Stage Therapeutic Drug Discovery of Chagas’ Disease: Investigation of Gossypol-based Inhibitors of Trypanosoma cruzi Glucokinase
Destiny O’Neill, Biology (major) – Junior; USC Beaufort
Carson Frey, Biology (major) – Senior; USC Beaufort
Dr. Edward D’Antonio, Department of Natural Sciences; USC Beaufort
Second Place
Three-Way Interactions Among Bacteria, Bacteriophages, and Plants.
Payton Campbell, Public Health (major) - Sophomore
Dr. Bert Ely, Department of Biological Sciences

Morning UG: Chemistry, Physics, and Math A
First Place
Electrochemical Study of Extracellular Electron Transfer Mechanisms of Gut Bacteria
Savanah Belt, Biochemistry and Molecular Biology (major) - Senior
Prof. Olja Simoska, Department of Chemistry and Biochemistry
Ms. Megan Whisonant, Department of Chemistry and Biochemistry

Second Place
Design of an artificial transcription factor for inducing potent interferon-gamma expression
Olivia Sherron, Chemical Engineering (major) - Junior
Dr. Nick Truex, Department of Chemistry and Biochemistry
Ms. Ashley King, Department of Chemistry and Biochemistry

Morning UG: Chemistry, Physics, and Math B
First Place
Bacterial Toxins for Protein Delivery into Immune Cells
Lydia Pless, Biochemistry and Molecular Biology (major) - Senior
Dr. Nicholas Truex, Department of Chemistry and Biochemistry
Ms. Clara Kjerfve, Department of Chemistry and Biochemistry

Second Place
A Novel Lasso Peptide from Paenibacillus Exhibits Potent Antimicrobial Activity Against ESKAPE Pathogens
Conor Pulliam, Biochemistry and Molecular Biology (major) - Senior
Andrew Campbell, Biochemistry and Molecular Biology (major) - Junior
Dr. Jie Li, Department of Chemistry and Biochemistry

Morning UG: Chemistry, Physics, and Math C
First Place
Advancing Computational Neuroscience: Modeling Neuronal Dynamics Through Programming and Mathematics
Zach Abdulrahman, Computer Science (major) - Junior
Dr. Yi Sun, Department of Mathematics

Second Place
Measuring Microenvironment Polarity: Changing Polymer Microenvironments to Mimic Bulk Solvents
Sreshta Ravi, Public Health (major) - Senior
Dr. Sheryl Wiskur, Department of Chemistry and Biochemistry
Dr. Ambra Hiott, Leadership and Service Center

Morning UG: Engineering and Computing A
First Place
Melt pool morphology and surface roughness study of 316L Stainless Steel via Laser Powder Bed Fusion
Dalton Posadas, Aerospace Engineering (major) - Senior
Dr. Lang Yuan, Department of Mechanical Engineering
Mr. Tianyu Zhang, Department of Mechanical Engineering

Second Place
Decomposition of Tritiated Ammonia from Nuclear Fusion Through Ru-Based Catalysts
Sarah Stofik, Chemical Engineering (major) - Senior
Dr. Jochen Lauterbach, Department of Chemical Engineering
Mrs. Jennifer Naglic, Department of Chemical Engineering

**Morning UG: Engineering and Computing B**

*First Place*

**Advanced Detection and Mitigation of Stress Corrosion Cracking in Nuclear Canisters: A Study on Ultrasonic Guided Waves and Composite Patching**

*Colby Weeks*, Aerospace Engineering (major) - Senior  
*Benett Suranyi*, Mechanical Engineering (major) - Senior  
*Dr. Lingyu Yu*, Department of Mechanical Engineering

*Second Place*

**Comparative Study of Pressure Drop of Nanoparticle Enhanced Ionic Liquids (NEILs) with Traditional Heat Transfer Fluids (HTFs)**

*Truman Brabham*, Mechanical Engineering – Junior; USC Aiken  
*Dr. Titan Paul*, Department of Mathematical Sciences and Engineering; USC Aiken

**Morning UG: Engineering and Computing C**

*First Place*

**Exploring the Correlation between Brain Morphometry and Head Anthropometric Measurements through MRI Imaging**

*Jessica Restivo*, Biomedical Engineering (major) - Senior  
*Dr. Ahmed Alshareef*, Department of Biomedical Engineering

*Second Place*

**Understanding Attentional Control and Learning Patterns in College Students with ADHD on a Digital Platform**

*Katelyn Wyandt*, Computer Science (major) – Junior  
*Dr. Dezhi Wu*, Department of Integrated Information Technology

**Morning UG: Health Sciences A**

*First Place*

**Everything in Moderation - The Relationship Between Moderate Physical Activity and Cognition**

*Trusha Patel*, Public Health (major) - Senior  
*Dr. Roger Newman-Norlund*, Department of Communication Sciences and Disorders  
*Ms. Sarah Wilson*, Linguistics Program

*Second Place*

**Exploring the Relationships Between Stress and Substance Use in Undergraduate Students at the University of South Carolina**

*Sydney Reichardt*, Nursing - RN (major) - Senior  
*Tomoharu Ono*, Nursing - RN (major) - Freshman  
*Dr. Cynthia Corbett*, College of Nursing

**Morning UG: Health Sciences B**

*First Place*

**Defining the Tick-borne Disease Occupational Risk Among Three High-Risk Groups from South Carolina**

*Titilayomi Abiodun*, Public Health (major) - Senior  
*Dr. Melissa Nolan*, Department of Epidemiology and Biostatistics  
*Dr. Lidia Gual-Gonzalez*, Department of Epidemiology and Biostatistics

*Tie - Second Place*

**Knowledge of and Bias Towards Medicolegal Cases by Nurses and the Effect on the Quality of Care for Patients**

*Rose Ferguson*, Nursing - RN (major) - Senior  
*Dr. Sara Donevant*, College of Nursing

*Tie - Second Place*

**Examination of Eating Disorder Risk among College Physically Active Students**

*Carli Mendelow*, Public Health (major) - Sophomore
Morning UG: Health Sciences C
First Place
Prediction of Cognitive Impairments in Alzheimer’s Disease Using Cortical Volume and Gene Expression
Logan Bailey, Neuroscience (major) - Senior
Dr. Roger Newman-Norlund, Department of Communication Sciences and Disorders

Second Place
Differences in Moderate to Vigorous Physical Activity Levels in Low vs. High Skilled Children: Evidence of a Motor Skill Proficiency Barrier
Tara Crilly, Exercise Science (major) - Senior
Abigail Ullsperger, Exercise Science (major) - Senior
Dr. David Stodden, Department of Educational and Developmental Sciences
Mr. Ozgur Altintas, Department of Educational and Developmental Sciences

Morning UG: Health Sciences D
First Place
Relationship Between Oral Health, Brain Health and Severity in Acute Stroke
Chitra Nanda, Public Health (major) - Sophomore
Dr. Roger Newman-Norlund, Department of Communication Sciences and Disorders

Second Place
Reading and Language Skills of Bilingual Children Who are Versus are Not Receiving Special Education Services in Bilingual Schools Compared to Monolingual Schools
Mariana Orihuela, Psychology (major) - Junior
Dr. Lisa Fitton, Department of Communication Sciences and Disorders
Ms. Andrea Cervantes, Department of Communication Sciences and Disorders

Morning UG: Health Sciences E
First Place
Investigating the pathogenic presence and incomplete feeding behavior of South Carolina ticks presenting on feral canines
Laura Witt, Public Health (major) - Junior
Dr. Melissa Nolan, Department of Epidemiology and Biostatistics

Tie - Second Place
Investigating the relationship between park access and quality and various health metrics in a Metropolitan area in South Carolina
Jenna Pellizzari, Exercise Science (major) - Senior
Dr. Andrew Kaczynski, Department of Health Promotion, Education and Behavior
Ms. Farnaz Hesam Shariati, Department of Health Promotion, Education and Behavior

Tie - Second Place
Assessing Experiences of Food Safety: A Scoping Review of Research Methods and Constructs
Laukhika Kasetty, Neuroscience (major) - Sophomore
Dr. Edward Frongillo, Department of Health Promotion, Education and Behavior
Ms. Sejla Isanovic, Department of Health Promotion, Education and Behavior

Morning UG: Health Sciences F
First Place
The Associations Between Ad Exposure and Appeal with E-Cigarette Use Susceptibility Among Youth in the US
Riley O’Neal, Public Health (major) - Senior
Dr. Minji Kim, Department of Health Promotion, Education and Behavior

Second Place
The Effect of Seasonal Temperature Change and Geospatial Factors on Mosquito West Nile Virus Vectors and...
Baseline WNV Seroprevalence in Columbia, South Carolina, USA
Elba Fridriksson, Public Health (major) - Sophomore
Dr. Melissa Nolan, Department of Epidemiology and Biostatistics

Morning UG: Psychology and Neuroscience A
First Place
The Role of the Locus Coeruleus in Working Memory During Stress and Aging
Neal Hammond, Neuroscience (major) - Senior
Dr. Joseph McQuail, Pharmacology, Physiology, and Neuroscience

Second Place
Depletion of LIS1 Within Adult Mouse Projection Neurons Causes Severe Neurological Deficits
Jack Otterson, Biochemistry and Molecular Biology (major) - Senior
Dr. Deanna Smith, Department of Biological Sciences
Dr. Samaneh Matoo, Department of Biological Sciences

Morning UG: Psychology and Neuroscience B
First Place
Fine Motor and Language Abilities in Infants at Low and Elevated Likelihood for Autism
Natalie Deal, Chemistry (major) - Junior
Dr. Jessica Bradshaw, Department of Psychology
Dr. Julia Yurkovic-Harding, Department of Psychology

Second Place
Dendritic Morphology in the Aging HIV-1 Transgenic Rat
Allison Ritchie, Public Health (major) - Junior
Dr. Rosemarie Booze, Department of Psychology
Dr. Charles Mactutus, Department of Psychology

Morning UG: Psychology and Neuroscience C
First Place
Brain specific elevations in kynurenic acid reduces sleep duration in rats
Charles Grant, Neuroscience (major) - Junior
Dr. Ana Pocivavsek, Pharmacology, Physiology, and Neuroscience

Second Place
Exploring Nonverbal Communication differences among individuals in romantic partnerships: A Neuroscientific Perspective
Ashlan Cheever, Psychology (major) - Senior
Janae Hersey, Psychology (major) - Junior
Dr. Caitlin Hudac, Department of Psychology

Morning UG: Psychology and Neuroscience D
First Place
Long-lasting avoidance induced by chemogenetic stimulation of the RMTg
Moira Lopez de leon, Psychology (major) - Senior
Dr. Peter Vento, Department of Psychology

Second Place
Assessing Family Environment in Infants with Fragile X Syndrome
Evelyn Leary, Biological Sciences (major) - Junior
Dr. Jane Roberts, Department of Psychology
Ms. Rachel Hantman, Department of Psychology

Morning UG: Psychology and Neuroscience E
First Place
Atypical Visual Attention in Infants at an Elevated Likelihood for Autism Spectrum Disorder (ASD)
Jaelyn Souza, Neuroscience (major) - Sophomore
Dr. Jessica Bradshaw, Department of Psychology
Ms. Emma Platt, Department of Psychology

Second Place
Potentiation of M4 Muscarinic Acetylcholine Receptors Can Reduce Repetitive Grooming in SAPAP3 Knockout Mice
Rebecca Carden, Psychology (major) - Senior
Madeleine Lucas, Neuroscience (major) - Senior
Dr. Daniel Foster, Pharmacology, Physiology, and Neuroscience

Morning UG: Psychology and Neuroscience F
First Place
Investigating REG3A mediated axon regeneration in neurons
Molly Conway, Biochemistry and Molecular Biology (major) - Junior
Dr. Lauren Vaughn, Department of Biological Sciences
Ms. Courtney Buchanan, Department of Biological Sciences

Second Place
Diverse Responses to Racial Trauma: Coping Strategies Across Racial Identities
Fatima Jatoi, Psychology (major) - Senior
Dr. Daniel Cooper, Department of Psychology

Morning UG: Psychology and Neuroscience G
First Place
Role of Axonal g3bp1 Granules in Regeneration-Challenging Situations
Emma Mason, Biochemistry and Molecular Biology (major) - Senior
Dr. Jeff Twiss, Department of Biological Sciences
Dr. Terika Smith, Department of Biological Sciences

Second Place
The Neural Interstate: Identification of Circuit-Based Projections of Neurons that Increase Risk of Major Depressive Illness in Obese Individuals
Emma Koval, Biological Sciences (major) - Senior
Dr. Lawrence Reagan, Pharmacology, Physiology, and Neuroscience
Dr. Claudia Grillo, Pharmacology, Physiology, and Neuroscience

Morning UG: Experiential Learning and GLD A
First Place
Nurturing Successful College Transitions Through Meaningful Connections as a Resident Assistant
Bsmla Berber, Psychology (major) - Senior
Dr. Kelly Goldberg, Center for Integrative and Experiential Learning

Second Place
Internship Experiences Enhance Academic Careers
Alyssa McKellop, Chemical Engineering (major) - Senior
Dr. Antony Keane-Dawes, Center for Integrative and Experiential Learning

Morning UG: Experiential Learning and GLD B
First Place
The Impact of Student Leadership
Leeanna Wong, Marketing (major) - Senior
Prof. David DeWeil, Center for Integrative and Experiential Learning
Second Place
Community Service
Kaylee Barrett, Associate in Science – Sophomore; USC Sumter
Prof. Alex Floyd, Center for Integrative and Experiential Learning

Morning UG: Experiential Learning and GLD C
First Place
Supporting the Silent Language: American Sign Language Integration into the Carolina Core
Kristen Carney, Public Health (major) - Junior
Dr. Kelly Goldberg, Center for Integrative and Experiential Learning

Second Place
Lyraquist: A Music-Infused Language Learning App
Mahi Patel, Computer Science (major) - Senior
Prof. Kelly Goldberg, Center for Integrative and Experiential Learning

Morning UG: Experiential Learning and GLD D
First Place
Nurturing My Passion: A Summer Internship Journey in Healthcare Marketing and Bioscience
Daniela Buniak, Biological Sciences (major) - Senior
Ms. Sarah Matthews, Center for Integrative and Experiential Learning

Second Place
How Psychology helps with everyday life
Gabriel Todd, Associate in Arts – Sophomore; USC Sumter
Prof. Joseph Floyd, Center for Integrative and Experiential Learning

Morning UG: Experiential Learning and GLD E
First Place
From being impacted by to Impacting: Carolina, the Classroom, and Columbia
Caroline Salisbury, Tourism Management (major) - Senior
Mrs. Megan Colascione, Center for Integrative and Experiential Learning

Second Place
My University 101 Peer Leader Experience
Carly Manchio, Civil Engineering (major) - Senior
Prof. Maureen Derrick, Center for Integrative and Experiential Learning

Morning UG: Experiential Learning and GLD F
First Place
Bringing The Classroom Out Into The SEC
Gabi Reed, Sport and Entertainment Management (major) - Senior
Mr. Jeremy Polley, Center for Integrative and Experiential Learning

Second Place
Applying your knowledge to help others has an impact than is unimaginable
William Heckler, Finance (major) - Senior
Prof. Rico Reed, Center for Integrative and Experiential Learning

Morning UG: Experiential Learning and GLD G
First Place
Volunteering with Carolina Poodle Rescue
Dylan Jancse, Psychology (major) - Senior
Ms. Gina Spence, Center for Integrative and Experiential Learning
Tie - Second Place

Pouring the Foundation for a Career in Training and Development
Marta Tremolada, Psychology (major) - Senior
Ms. Keah Tandon, Center for Integrative and Experiential Learning

Tie - Second Place

Living Mas: One day at a Time
Yorsdamia Cuesta Ogando, Associate in Science in Business – Sophomore; USC Lancaster
Mrs. Ashley Schryer, Center for Integrative and Experiential Learning

Morning UG: Experiential Learning and GLD H
First Place

Pioneering inclusivity between Leadership and Nursing
Tongelayah Lagroon, Nursing - RN (major) - Senior
Mrs. Gina Spence, Center for Integrative and Experiential Learning

Second Place

Navigating New Beginnings: A Reflection on Leadership Growth as a Resident Assistant
Ellie Hamill, Public Health (major) - Senior
Prof. Marketa Kubickova, Center for Integrative and Experiential Learning

Morning UG: CIEL/GLD - Cultural Diversity A
First Place

From Passion to Profession
Laney Quickel, International Business (major) - Senior
Mrs. Sarah Matthews, Center for Integrative and Experiential Learning

Second Place

Cultural Exchange and Community Empowerment: Insights from Les Mureaux, France
Jazmine Solorzano, International Business (major) - Senior
Mrs. Sarah Matthews, Center for Integrative and Experiential Learning

Morning UG: CIEL/GLD - Cultural Diversity B
First Place

Social Work and Buddhism
Shyterria Sims, Social Work (major) - Senior
Mr. Caleb Morris, Center for Integrative and Experiential Learning

Second Place

Excellence Comes From Within
Ariana Catoe, Associate in Science – Sophomore; USC Lancaster
Ms. Kanisha Rollings, Center for Integrative and Experiential Learning

Morning UG: CIEL/GLD - Cultural Diversity C
First Place

People for People in Malawi: Understanding the Past and Present to Better the Future
Zoe Lomax, Global Studies (major) - Senior
Dr. Kelly Goldberg, Center for Integrative and Experiential Learning

Second Place

Exploring the Healthcare Disparities and Culture of Panajachel
Roshni Samuel, Biomedical Engineering (major) - Senior
Ms. Robyn Cranmer, Center for Integrative and Experiential Learning

Morning UG: CIEL/GLD - Education A
First Place

Peer Leading and Learning
Matthew Francis, Finance (major) - Senior
Ms. Lauren Epps, Center for Integrative and Experiential Learning

Second Place
The Development of Interactions in Real Life Situations
Mariah Sanders, Associate in Arts - Sophomore
Mr. Joseph Floyd, Center for Integrative and Experiential Learning

Morning UG: CIEL/GLD - Education B
First Place
In Tune with South Carolina Educational TV & Public Radio
Grace Keiper, Political Science (major) - Senior
Mrs. Maureen Derrick, Center for Integrative and Experiential Learning

Second Place
Mysterious Not Scary
Caleb Cook, Associate in Arts – Sophomore; USC Salkehatchie
Dr. Sarah Miller, Center for Integrative and Experiential Learning

Morning UG: CIEL/GLD - Education C
First Place
Mentorship, Networking, and Advocacy
Ziyi Hu, Operations and Supply Chain (major) - Senior
Mr. Rico Reed, Center for Integrative and Experiential Learning

Second Place
Developing the Proper Skills to Prevent Harm and Substance Abuse in Greek Life
Gabriella Unger, Public Health (major) - Senior
Ms. Robyn Cranmer, Center for Integrative and Experiential Learning

Morning UG: CIEL/GLD - Entrepreneurial A
First Place
The Art (Gallery) of Brainstorm: How Study Abroad Taught Me About Perspectives
Keaton Miller, International Business (major) - Senior
Ms. Sarah Matthews, Center for Integrative and Experiential Learning

Second Place
Developing Global Mindsets
Su Bin Park, Operations and Supply Chain (major) - Senior
Dr. Michael Watson, Center for Integrative and Experiential Learning

Morning UG: CIEL/GLD - Policy and Governance A
First Place
Public Policy and Defending the Disadvantaged
Ashley Van Sant, Political Science (major) - Senior
Dr. Nicole Hair, Center for Integrative and Experiential Learning

Second Place
Seeking to Do Justice
Gene Gubatina, Political Science (major) - Senior
Dr. Joshua Meyer-Gutbrod, Center for Integrative and Experiential Learning
Dr. Matthew Childs, Center for Integrative and Experiential Learning

Morning UG: CIEL/GLD - Wellness and Health A
First Place
Professional and Civic Engagement: Internship
Fisher Rodgers, Biological Sciences – Sophomore; USC Sumter
Mr. Alex Floyd, Center for Integrative and Experiential Learning

Morning UG: CIEL/GLD - Wellness and Health B
First Place
Emergency Medicine In Crisis: Navigating The Broken System
Alexandra Pompi, Exercise Science (major) - Senior
Prof. Sarah Matthews, Center for Integrative and Experiential Learning

Second Place
Exploring Orthopedic Care: Insights from Internship Experiences with Prisma Orthopedics
Angela Frumenti, Exercise Science (major) - Senior
Ms. Alexis Michalos, Center for Integrative and Experiential Learning

Morning UG: CIEL/GLD - Wellness and Health C
First Place
Growing From Student to Registered Nurse
Julia Shafer, Nursing - RN (major) - Senior
Ms. Sara Reinhardt, Center for Integrative and Experiential Learning

Second Place
You Are More Than
Grace DiGiacomo, Psychology (major) - Senior
Dr. Wout De Backer, Center for Integrative and Experiential Learning
AFTERNOON PRESENTATIONS

**Afternoon UG: Arts, Humanities, and Social Sciences AA**

*First Place*

**Teotl, Tradition, and Transformation: Exploring Ritual and Religion in Ancient Mesoamerica**

*Maria Nichols*, Anthropology (major) - Sophomore  
Dr. Chelsea Fisher, Department of Anthropology

*Second Place*

**Asphalt Over Graniteville: Dividing a Black Community**

*Simon Berry*, History (major) - Senior; USC Aiken  
Dr. Heather Peterson, Department of History, Political Science, and Philosophy; USC Aiken

---

**Afternoon UG: Arts, Humanities, and Social Sciences BB**

*First Place*

**A Nation of God: A History of Providential Rhetoric in England from 1625-1660**

*Gracie Vess*, History (major) - Senior  
Dr. Nicole Maskiell, Department of History

*Second Place*

**Ideal Worker Norms among Contemporary Americans**

*Kirsten Hoyt*, Psychology (major) - Junior  
Dr. Jennifer Augustine, Department of Sociology  
Dr. Laura Brashears, Department of Sociology

---

**Afternoon UG: Arts, Humanities, and Social Sciences CC**

*First Place*

**Motivation, Execution, and Effectiveness of a Pre-Semester Strength Training Intensive for Collegiate Dancers**

*Ella Sanders*, Baccalaureus Artium et Scientiae (major) - Senior  
Prof. Jennifer Deckert, Department of Theatre and Dance  
Prof. André Megerdichian, Department of Theatre and Dance

*Second Place*

**Singlish discourse particles and the intersection of English and Chinese syntax**

*Jillian Brown*, Global Studies (major) - Senior  
Dr. Stanley Dubinsky, Linguistics Program

---

**Afternoon UG: Arts, Humanities, and Social Sciences DD**

*First Place*

**Domestic Violence Homicide Case Processing in South Carolina**

*Kaitlyn Menze*, Criminology and Criminal Justice (major) - Senior  
Dr. Christi Metcalfe, Department of Criminology and Criminal Justice

*Second Place*

**Why Students Do Not Tell Teachers About Bullying**

*Angelica Ho-Olinger*, Psychology (major) - Junior  
Dr. Molly Dawes, Department of Educational and Developmental Science  
Ms. Emily Lohrbach, Department of Educational and Developmental Science

---

**Afternoon UG: Arts, Humanities, and Social Sciences EE**

*First Place*

**Historical Artworks and Modern Media: The Digital Piranesi**

*Stephanie Roznowski*, Art History (major) - Junior  
Dr. Jeanne Britton, Department of English Language and Literature  
Dr. Anna Swartwood House, School of Visual Art and Design,
Second Place

**Implementing Stereolithography in Figurative Ceramic Sculpture**
*Tatiana Zalapskaia*, Studio Art (major) - Senior; USC Beaufort
Prof. James Sidletsky, Department of Visual Art & Design; USC Beaufort

Afternoon UG: Biology and Biomedical Sciences AA
First Place

**Dysregulation of Local Translation and Ribosomes May Contribute to Altered Motility of Down Syndrome Fibroblasts**
*Josephine Gardiner*, Biological Sciences (major) - Senior
Dr. Kristy Welshhans, Department of Biological Sciences

Tie - Second Place

**Effect of Non-Muscle Myosin II Inhibition on Axon Growth through Disassembly of Stress Granules**
*Riya Machimada*, Biological Sciences (major) - Junior
Dr. Lauren Vaughn, Department of Biological Sciences
Dr. Jeff Twiss, Department of Biological Sciences

Tie - Second Place

**ATF4’s Effects are Cell-Context Specific in Neurons and Glia**
*Ashutosh Arora*, Biological Sciences (major) - Senior
*Liz Iglesias*, Biological Sciences (major) - Senior
Dr. Jeff Twiss, Department of Biological Sciences
Dr. Terika Smith, Department of Biological Sciences

Afternoon UG: Biology and Biomedical Sciences BB
First Place

**Exploring Effects of Resveratrol on Pediatric Brain Tumors**
*Karthik Rangavajhula*, Biochemistry and Molecular Biology (major) - Senior
Dr. Deepak Bhere, Pathology, Microbiology, and Immunology

Second Place

**Investigating REG3A-Mediated Regulation of Axonal Khrsp Translation and Implications for Nerve Regeneration**
*Marie-Claire Honoree*, Neuroscience (major) - Junior
Dr. Jeff Twiss, Department of Biological Sciences

Afternoon UG: Biology and Biomedical Sciences CC
First Place

**Characterizing Zfp326 in Peromyscus maniculatus Neural Crest Cells**
*René Chinery*, Biological Sciences (major) - Senior
Dr. Shannon Davis, Department of Biological Sciences

Second Place

**Differential Effects of Aryl Hydrocarbon Receptor (AhR) Ligands on Gut Microbiota**
*Taylor Jannusch*, Public Health (major) - Junior
Dr. Narendra Singh, Pathology, Microbiology, and Immunology

Afternoon UG: Biology and Biomedical Sciences DD
First Place

**Analyzing the Expression of HIF-1 as an Immune Response in Aging Daphnia**
*Isabelle Auble*, Biological Sciences (major) - Senior
Dr. Charles Schumpert, Department of Biological Sciences

Second Place

**Exploring the Role of the Nuclear Lamina in Genome Maintenance**
*Nina Van*, Biological Sciences (major) - Junior
Dr. Alan Waldman, Department of Biological Sciences

Afternoon UG: Biology and Environmental Sciences AA
First Place
Analysis of Cas9 Targeted mPing Insertion in Yeast
Megan Collins, Biology (major) - Senior; USC Aiken
Dr. Nathan Hancock, Department of Biology and Geology; USC Aiken
Dr. Peng Liu, Donald Danforth Plant Science Center; University of Missouri

Second Place
Bottlenose Dolphin Surveys in the Port Royal Sound Area (PRSA), South Carolina Indicate the Existence of Resident and Migratory Populations
Isabella DuBois, Biology (major) - Junior; USC Beaufort
Dr. Eric Montie, Department of Natural Sciences; USC Beaufort
Ms. Alyssa Marian, Department of Natural Sciences; USC Beaufort

Afternoon UG: Biology and Environmental Sciences BB
First Place
Oyster Settlement on Novel Living Shoreline Materials and Structures
Nina Coli, Environmental Science (minor) - Junior
Dr. David Bushek, Haskin Shellfish Research Laboratory; Rutgers University

Second Place
Screening for Mutants with Altered Sensitivity to Green Leaf Volatiles
Mia Flack, Biological Sciences (major) - Senior
Dr. Johannes Stratmann, Department of Biological Sciences

Afternoon UG: Biology and Environmental Sciences CC
First Place
Temporal Synchrony in Courtship Behavior of Sound-Producing Fish Across Estuaries in South Carolina
Garrett Willford, Biology (major) - Junior; USC Beaufort
Dr. Eric Montie, Department of Natural Sciences; USC Beaufort
Ms. Alyssa Marian, Department of Natural Sciences; USC Beaufort

Second Place
Investigating the Expression of Growth-Regulating Factor2 (GRF2) in Arabidopsis Thaliana
Sophia Henry, Biological Sciences (major) - Senior
Dr. Beth Krizek, Department of Biological Sciences

Afternoon UG: Biology and Environmental Sciences DD
First Place
Identifying the causative mutations underlying a dwarf soybean phenotype
Samantha Burns, Applied Mathematics (major) - Junior; USC Aiken
Dr. Nathan Hancock, Department of Biology and Geology; USC Aiken

Second Place
Exploring Daphnia Reproduction Behavior: Effects of Varied Wavelengths
Kayla Floyd, Biology minor - Senior
Dr. Jeff Dudycha, Department of Biological Sciences
Mr. Matt Bruner, Department of Biological Sciences

Afternoon UG: Chemistry, Physics, and Math AA
First Place
Radionuclide Capture Using Stable Zirconium-Based Metal-Organic Materials
Mackenzie Manzi, Chemistry (major) - Senior
Prof. Natalia Shustova, Department of Chemistry and Biochemistry
Mr. Kyoungchul Park, Department of Chemistry and Biochemistry

Second Place
Spectroscopically Monitored Fe-S Cluster Transfer Between GrxD-BolA and A-Type Carriers in E. Coli
Amelia Cardinale, Biological Sciences (major) - Junior
Dr. Wayne Outten, Department of Chemistry and Biochemistry
Ms. Kennedy Miller, Department of Chemistry and Biochemistry

Afternoon UG: Chemistry, Physics, and Math BB
First Place
Expression of the S. pombe Iron Repressor Fep1 for Structure/Function Analysis
Linden McGregor, Biochemistry and Molecular Biology (major) - Freshman
Dr. Caryn Outten, Department of Chemistry and Biochemistry
Ms. Shashini Warahena Liyanage Dona, Department of Chemistry and Biochemistry

Second Place
Simulation of a KLong-Muon Detector (KLM) for the U.S. Electron Ion Collider
Preston White, Physics (major) - Junior
Dr. Yordanka Ilieva, Department of Physics and Astronomy

Afternoon UG: Engineering and Computing AA
First Place
Investigating the Effect of Carbon Material on Mechanical Stability of Sulfur Cathodes in Lithium Sulfur Batteries
Victoria Colon-LaBorde, Chemical Engineering (major) - Sophomore
Dr. Golareh Jalilvand, Department of Chemical Engineering

Second Place
Upcycling Polyurethane Foam into Green Products Using Lignin Biomass
Lauren Garrett, Chemical Engineering (major) - Junior
Dr. Monirosadat Sadati, Department of Chemical Engineering

Afternoon UG: Engineering and Computing BB
First Place
Comparing the Use of Brain-Derived and Synthetic Phosphatidylserine in Lipid-Polymer Hybrid Particles for Modulating Macrophage Inflammation
Caroline Rucker, Biomedical Engineering (major) - Junior
Dr. Michael Gower, Department of Chemical Engineering
Mr. Kidochukwu Atube, Department of Chemical Engineering

Second Place
The Snapping Shrimp: Biomimetic Inspiration for Shockwave Protection
Mia Kazel, Biomedical Engineering (major) - Junior
Dr. Tarek Shazly, Department of Biomedical Engineering
Dr. Ahmed Alshareef, Department of Biomedical Engineering

Afternoon UG: Engineering and Computing CC
First Place
Developing Thermochemical Databases for Modeling Salts in Molten Salt Reactors
Zachary Gardiner, Chemical Engineering (major) - Freshman
Dr. Theodore Besmann, Department of Mechanical Engineering

Second Place
Real-time Non-destructive Bond Strength Measurement of Carbon Fiber-reinforced Polymer Composites during Automated Manufacturing
Madison Burlett, Aerospace Engineering (major) - Senior
Dr. Subramani Sockalingam, Department of Mechanical Engineering
Afternoon UG: Engineering and Computing DD
First Place
Optimized Western Blotting of RAR Isoforms in Skeletal Muscle
Kelsey Krusen, Biomedical Engineering (major) - Junior
Dr. Michael Gower, Department of Chemical Engineering
Ms. Candice Cheung, Department of Chemical Engineering

Second Place
Feasibility of Machine Learning-Enhanced Detection for QR Code Images in Email-Based Threats
Jason Ford, Applied Computer Science, Cybersecurity - Junior; Palmetto College
Dr. Hala Strohmier Berry, Applied Computer Science, Cybersecurity; Palmetto College

Afternoon UG: Health Sciences AA
First Place
A Novel Spectral Resolution-Based Method to Assess Functionality of Cochlear Implant Electrodes
Kathryn Morgan, Biological Sciences (major) - Junior
Dr. Meisam Arjmandi, Department of Communication Sciences and Disorders
Ms. Madison Paxton, Speech Language Pathology

Tie - Second Place
Shared Genetic Associations Between Vitamin D and Lymphoma
Ella Masek, Biological Sciences (major) - Junior
Dr. Alyssa Clay-Gilmour, Department of Epidemiology and Biostatistics

Tie - Second Place
Description of Menstrual Symptom Severity in African American women participating in a Nutrition Intervention
Mallory Gedeon, Biochemistry and Molecular Biology (major) - Sophomore
Dr. John Bernhart, Department of Health Promotion, Education and Behavior

Afternoon UG: Health Sciences BB
First Place
College Nature and Mental Health
Isabella Young, Public Health (major) - Senior
Dr. Andrew Kaczynski, Department of Health Promotion, Education and Behavior
Ms. Erin Looney, Department of Health Promotion, Education and Behavior

Second Place
Effect of Psychological Skill Use on Functional Motor Competence and Physical Fitness in Army Reserve Officer Training Corps’ Cadets
Jenna Pellizzari, Exercise Science (major) - Senior
Dr. David Stodden, Department of Educational and Developmental Sciences
Mr. Ozgur Alintas, Department of Educational and Developmental Sciences

Afternoon UG: Health Sciences CC
First Place
Does Co-Sleeping With A Dog Influence Dog Owners’ Sleep Quality Or PA Levels?
Tyson Ansani, Public Health (major) - Senior
Dr. Christine Pellegrini, Department of Exercise Science
Ms. Katherine Devivo, Department of Exercise Science

Second Place
Changes in Social Anxiety from Early to Middle Childhood in Neurodevelopmental Disorders
Tanvi Giridhar, Neuroscience (major) - Sophomore
Afternoon UG: Health Sciences DD
First Place
Stress and Coping Mechanisms in Nursing Students: A Mixed-Methods Pilot Study
Tomoharu Ono, Nursing - Generic (major) - Freshman
Dr. Demetrius Abshire, College of Nursing

Second Place
Process Evaluation Methods and Baseline outcomes in a Physical Activity Program for African American Women
Di'Onna McFadden, Exercise Science (major) - Senior
Dr. Allison Sweeney, College of Nursing
Ms. Lindsay Decker, College of Nursing

Afternoon UG: Health Sciences EE
First Place
Cortical Activations in Response to Varying Levels of Spectral Degradation in Simulated Cochlear Implant Speech
Reed Farrar, Neuroscience (major) - Sophomore
Dr. Meisam Arjmandi, Department of Communication Sciences and Disorders

Second Place
Assessing Dollar Store Food Environments in Alignment to Nutrition Support Programs in the Lowcountry
Kari Hill, Public Health (major) - Senior; USC Beaufort
Dr. Hadis Elyaderani, Department of Public Health and Human Services; USC Beaufort

Afternoon UG: Health Sciences FF
First Place
Athletic Trainers’ Assessment of Blood Pressure Using a High-Fidelity Manikin
Nicholas Dell'Omo, Biological Sciences (major) - Junior
Dr. Zachary Winkelmann, Department of Exercise Science
Mr. Mike Verde, Department of Exercise Science

Second Place
Student Perspectives, Experiences, and Stories of Reproductive Health and Justice in South Carolina
Shireen Kaur, Baccalaureus Artium et Scientiae (major) - Junior
Dr. Deborah Billings, Department of Health Promotion, Education and Behavior

Afternoon UG: Psychology and Neuroscience AA
First Place
Sex-Dependent individual differences in rat fear responses during fear learning and extinction
Rebecca Bork, Biological Sciences (major) - Senior
Dr. Marlene Wilson, Pharmacology, Physiology, and Neuroscience
Dr. Sarah Hartvigsen, Neuroscience; University of Richmond

Second Place
Social Smiling Trends as a Potential Marker for ASD in High-Risk Infants of Age 3-, 4-, and 6-months
Rijul Bhardwaj, Neuroscience (major) - Junior
Dr. Jessica Bradshaw, Department of Psychology
Dr. Julia Yurkovic-Harding, Department of Psychology

Afternoon UG: Psychology and Neuroscience BB
First Place
Prenatal stress reduces ultrasonic vocalizations in male pups in association with cortical mitochondrial respiration
Jiya Desai, Biological Sciences (major) - Junior
Dr. Fiona Hollis, Pharmacology, Physiology, and Neuroscience
Mrs. Erin Gorman-Sandler, Pharmacology, Physiology, and Neuroscience

Tie - Second Place
Using tissue-specific deletion strategies to determine the location of M4 muscarinic receptors that regulate repetitive behaviors
Dillon Burr, Biochemistry and Molecular Biology (major) - Junior; Columbia
Pranav Malladi, Neuroscience (major) - Sophomore; Columbia
Dr. Daniel Foster, Pharmacology, Physiology, and Neuroscience

Tie - Second Place
The Relationship Between Past Eviction Filings and Columbia Homeless Court Case Status
Cooper Jennings, Psychology (major) - Junior
Dr. Bret Kloos, Department of Psychology
Mr. Dylan Wong, Department of Psychology

Afternoon UG: Psychology and Neuroscience CC
First Place
Multiple Imputation of Functional Data with application to smoking cessation.
Cody Campen, Psychology (major) - Junior
Dr. Donna Coffman, Department of Psychology

Second Place
Effects of gestational stress on postpartum hippocampal mitochondrial protein expression
Hannah Brennen, Public Health (major) - Sophomore
Dr. Fiona Hollis, Pharmacology, Physiology, and Neuroscience
Mrs. Erin Gorman-Sandler, Pharmacology, Physiology, and Neuroscience

Afternoon UG: Psychology and Neuroscience DD
First Place
Evaluation of Glucocorticoid Receptor and Mitochondrial Density in the Amygdala in FMR1-KO Mice
Alaina Mullaly, Neuroscience (major) - Senior
Dr. Fiona Hollis, Pharmacology, Physiology, and Neuroscience
Ms. Alexia Crockett, Pharmacology, Physiology, and Neuroscience

Second Place
Defining the role of Heuristics in Judging Size
Jackson Councilman, Neuroscience (major) - Junior
Alain Kublashvili, Neuroscience (major) - Junior
Dr. Melanie Palomares, Department of Psychology

Afternoon UG: Psychology and Neuroscience EE
First Place
Partisan Perception: Does Political Leaning Predict Processing of Political Misinformation?
Tze-Shiang Lin, Psychology (major) - Senior
Dr. Douglas Wedell, Department of Psychology
Mr. Jacob Stanley, Department of Psychology

Second Place
Determining the Early Molecular Effects of Nicotinamide on a Rodent Model of Postpartum Depression
Gabrielle Wood, Neuroscience (major) - Junior
Dr. Fiona Hollis, Pharmacology, Physiology, and Neuroscience
Mrs. Erin Gorman-Sandler, Pharmacology, Physiology, and Neuroscience

Afternoon UG: Psychology and Neuroscience FF
First Place
Interactions Between Social Stress and Oxycodone on Central and Peripheral Stress Markers in Female Rats
Taylor Childress, Neuroscience (major) - Sophomore  
Dr. Susan Wood, Pharmacology, Physiology, and Neuroscience  
Dr. Cora Smiley, Pharmacology, Physiology, and Neuroscience

Second Place  
**ImPACT: Improving Health of Parents and Children Together**  
*Jalon Conway*, Psychology (major) - Senior  
*Leonie Stollberg*, Cardiovascular Technology (major) - Sophomore  
Dr. Nada Goodrum, Department of Psychology  
Ms. Julie Nguyen, Department of Psychology

Afternoon UG: Psychology and Neuroscience GG  
**First Place**  
**Access to Protective Orders in South Carolina**  
*Piper Kroll*, Psychology (major) - Junior; Columbia  
*Jessica Cobb*, Psychology (major) - Senior; Columbia  
Dr. Suzanne Swan, Department of Psychology

Second Place  
**The Postpartum Left Ventricle Under Stress: Effects of Gestational Stress on Cardiac Markers of Disease**  
*Archana Ramesh*, Public Health (major) - Junior; Columbia  
Dr. Fiona Hollis, Pharmacology, Physiology, and Neuroscience  
Mrs. Erin Gorman-Sandler, Pharmacology, Physiology, and Neuroscience

Afternoon UG: Experiential Learning and GLD AA  
**First Place**  
**Designing and Prototyping Laptop Table for Palmetto Spark Lab**  
*Mark Soehner*, Integrated Information Technology (major) - Senior  
Prof. Robyn Crammer, Center for Integrative and Experiential Learning

Second Place  
**Leading with the Heart: Practicing Empathy as a University 101 Peer Leader**  
*Christina Koenig*, Psychology (major) - Senior  
Mx. Caleb Morris, Center for Integrative and Experiential Learning

Afternoon UG: Experiential Learning and GLD BB  
**First Place**  
**Health and Safety Principles in Action**  
*Landon Borchardt*, Public Health (major) - Senior  
Mrs. Gina Spence, Center for Integrative and Experiential Learning

Second Place  
**The Tools to Sell with Confidence**  
*Caroline Carbone*, Sport and Entertainment Management (major) - Senior  
Ms. Gina Spence, Center for Integrative and Experiential Learning

Afternoon UG: Experiential Learning and GLD CC  
**First Place**  
**Creative Thinking for Residents: Identifying a Problem and Creating a Solution**  
*Larsyn Vandermast*, Visual Communications (major) - Senior  
Dr. Marketa Kubickova, Center for Integrative and Experiential Learning

Second Place
Discovering Transformational Leadership in Air Force ROTC
Shannon Goss, Criminology and Criminal Justice (major) - Senior
Mx. Caleb Morris, Center for Integrative and Experiential Learning

Afternoon UG: Experiential Learning and GLD DD
First Place
Finding Myself in Football
Madelin McLean, Sport and Entertainment Management (major) - Senior
Prof. Antony Keane-Dawes, Department of Sport and Entertainment Management

Second Place
The Power in Effective Communication and Feedback
Caroline Porter, Public Health (major) - Senior
Ms. Lauren Epps, Center for Integrative and Experiential Learning

Afternoon UG: Experiential Learning and GLD EE
First Place
Finding Myself by Helping Others
Julia Schwertfeger, Biological Sciences (major) - Senior
Mrs. Megan Colascione, Center for Integrative and Experiential Learning

Second Place
Finding Success in Unexpected Ways
Allison Hoffman, Statistics (major) - Senior
Mrs. Maureen Derrick, Center for Integrative and Experiential Learning

Afternoon UG: Experiential Learning and GLD FF
First Place
Empowering Leaders Through Data-Driven Decision-Making
D’Asia White, Environmental Studies (major) - Senior
Mrs. Megan Colascione, Center for Integrative and Experiential Learning

Second Place
How to Manage
Hayley Dunn, Public Relations (major) - Senior
Mrs. Megan Colascione, Center for Integrative and Experiential Learning

Afternoon UG: Experiential Learning and GLD GG
First Place
GLD in Global Learning
Jack Calvery, Marine Science (major) - Senior
Ms. Lauren Epps, Center for Integrative and Experiential Learning

Second Place
Sport as a Unifying Force: South African Rugby
Isabella Ha, Public Health (major) - Senior
Ms. Gina Spence, Center for Integrative and Experiential Learning

Afternoon UG: Experiential Learning and GLD HH
First Place
The Creation of an Inclusive Space through the Use of the Person-Centered Approach
Karrah Lawson, Psychology (major) - Senior
Mrs. Lauren Epps, Center for Integrative and Experiential Learning

Second Place
Supporting Students Throughout Their New Student Orientation Experience
Gabriella Johnson, Psychology (major) - Senior
Mr. David Deweil, Center for Integrative and Experiential Learning

Afternoon UG: Experiential Learning and GLD II
First Place
Exploring the Convergence of Data and Networking
Andrew Meacham, Operations and Supply Chain (major) - Senior
Prof. Mandy Lautzenheiser, Center for Integrative and Experiential Learning

Second Place
Overcoming Adversity in Leadership
Sophia Troutman, Political Science (major) - Senior
Dr. Joshua Meyer-Gutbrod, Center for Integrative and Experiential Learning

Afternoon UG: Experiential Learning and GLD JJ
First Place
Pushing for Change
Ariyana Tisdale, Public Health (major) - Senior
Dr. Michael Watson, Center for Integrative and Experiential Learning

Second Place
Education Paired with Non-Academic Engagements Promote Strong Inter-Personal Skills and Develop Professional Networks.
James Agens, Mass Communications (major) - Senior
Prof. Brett Robertson, Center for Integrative and Experiential Learning

Afternoon UG: Experiential Learning and GLD KK
First Place
Carolina Judicial Council: More than Just Sanctions
Anna Capps, Political Science (major) - Senior
Mr. David DeWeil, Center for Integrative and Experiential Learning

Second Place
Joie de Vivre: A Semester in Paris
Amelia Hiepler, Public Health (major) - Senior
Mr. David Deweil, Center for Integrative and Experiential Learning

Afternoon UG: CIEL/GLD - Cultural Diversity AA
First Place
10,098 Miles: Mastering the Art of Health Communication through Two Varying Cultures
Anusha Ghosh, Baccalaureus Artium et Scientiae (major) - Senior; Columbia
Ms. Sarah Matthews, Center for Integrative and Experiential Learning

Tie - Second Place
To Another 5,187 Miles Away – What “Home” Means to Me
Jooyeon Park, International Business (major) - Senior
Ms. Keah Tandon, Center for Integrative and Experiential Learning

Tie - Second Place
Barcelona: A Journey Through Design, Culture, and Community Engagement
Laura Mast, Art Studio (major) - Senior
Ms. Gina Spence, Center for Integrative and Experiential Learning

Afternoon UG: CIEL/GLD - Cultural Diversity BB
Tie - First Place
How Volunteering in Barcelona Deepened My Connection to the Local Community and Strengthened My Understanding of Culture as Related to Society and Healthcare
Allie McDermott, Public Health (major) - Senior
Mr. Rico Reed, Center for Integrative and Experiential Learning

Tie - First Place

**Cultural Preservation and Impacts on Marine Science**
Kylie Buening, Marine Science (major) - Senior
Ms. Gina Spence, Center for Integrative and Experiential Learning

Second Place

**Studying in Morocco and Examining Diverse Perspectives**
Judi Reagan, English (major) - Senior
Prof. Robyn Cranmer, Center for Integrative and Experiential Learning

Afternoon UG: CIEL/GLD - Education AA

First Place

**Success in Math: Supporting Students as a Supplemental Instructor**
Ainsley McLaughlin, Mathematics (major) - Senior
Prof. David DeWeil, Center for Integrative and Experiential Learning

Second Place

**Working as a Professional While Playing Like a Kid**
Ashlyn Harrison, Biological Sciences (major) - Senior
Prof. Theresa Harrison, Center for Integrative and Experiential Learning

Afternoon UG: CIEL/GLD - Entrepreneurial AA

First Place

**Enhancing Efficiency and Training: My Journey at Milliken & Company**
Jacob Sareault, Mechanical Engineering (major) - Senior
Ms. Mandy Lautzenhesier, Center for Integrative and Experiential Learning

Second Place

**Rhythmlink International, LLC Product Development Engineering Internship**
Kathleen Abrams, Biomedical Engineering (major) - Senior
Prof. Gina Spence, Center for Integrative and Experiential Learning

Afternoon UG: CIEL/GLD - Policy and Governance AA

First Place

**The Department of Revenue: Politics, Policy and Taxes**
Camden Kaye, Political Science (major) - Senior
Dr. Meyer Gutbrod, Center for Integrative and Experiential Learning

Second Place

**Leadership in Public Education - Graduation with Leadership Distinction**
Alayna Mulligan, Elementary Education (major) - Senior
Dr. Theresa Harrison, Center for Integrative and Experiential Learning

Afternoon UG: CIEL/GLD - Wellness and Health AA

First Place

**Preventative Health: A Concentration in Women's Health Prophylaxis**
Kelsey Dailey, Nursing - RN (major) - Senior
Prof. Briannah Ismail, Center for Integrative and Experiential Learning
Prof. Heather Miles, College of Nursing

Second Place

**Navigating the Heart of Healthcare: My Experiences as a Patient Care Technician**
Sabrina Knight, Exercise Science (major) - Senior  
Dr. Hengtao Tang, Center for Integrative and Experiential Learning

**Afternoon UG: CIEL/GLD - Wellness and Health BB**

**First Place**  
*The Smell of Culture Shock*  
*Michael Murphy*, Associate in Arts - Sophomore; *Union*  
Dr. Steven Lownes, Center for Integrative and Experiential Learning

**Second Place**  
*Black Maternity Matters: Diverse Pathways to Midwifery and Optimal Women's Health*  
*Jada Senior*, Public Health (major) - Senior  
Dr. Matthew Childs, Center for Integrative and Experiential Learning

**Afternoon UG: CIEL/GLD - Wellness and Health CC**

**First Place**  
*An International Perspective on Healthcare*  
*Riley Lavelle*, Biological Sciences (major) - Senior  
Dr. Anthony Keane-Dawes, Center for Integrative and Experiential Learning

**Second Place**  
*Voices Unheard: Cultivating Resilience in Marginalized Communities*  
*Huda Falous*, Public Health (major) - Senior  
Prof. Sara Reinhardt, Center for Integrative and Experiential Learning