POSTER PRESENTATIONS AND DISPLAYS:
All presentations will take place in the Russell House Ballroom between 12-3pm.
This event is free and open to the public. No registration required.

QUICK LIST (by student name); Please scroll to the second page for details, titles, etc

Ahuja, Rahoul  Biology & Biomedical Sciences I
Alexeev, Mikhail  Neuroscience & Experimental Psychology I
Alien, Tyler  Chemistry, Physics, & Math
Arthur, Angela  Biology & Biomedical Sciences II
Bailey, Hannah  Psychology & Social Sciences I
Bain, Reginald  Chemistry, Physics, & Math
Barker, Daryn  Social Sciences & Education
Bennett, Melissa  Environmental Sciences I
Boggs, Will  Social Sciences & Business I
Bohon, Cory  Computer Science & Engineering
Boyd, Christopher  Engineering
Brown, Daniel  Environmental Sciences I
Brylawski, Alan  Social Sciences & Business I
Bunt, Dustin  Engineering
Burch, Jessica  Health & Medical Sciences I
Burke, Christine  Experiential
Burnip, Molly  Chemistry, Physics, & Math
Burton, Dylan  Social Sciences & Business I
Bush, Parker  Computer Science & Engineering
Calhoun, Nicolette  Experiential
Capps, Anna  Neuroscience & Experimental Psychology I
Carter, Breana  Neuroscience & Experimental Psychology I
Cawthorne, Lewis  Computer Science & Engineering
Cegala, Cameron  Social Sciences & Business I
Chaisson, Candra  Psychology & Social Sciences I
Chandrasekar, Eeshwar  Biology & Biomedical Sciences I
Cambrone, Anthony  Experiential
Clark, Caroline  Neuroscience & Experimental Psychology I
Damm, Jacob  Arts & Humanities I
Davis, Benjamin  Engineering
Depp, Michael  Social Sciences & Business I
Desai, Ushma  Health & Medical Sciences I
Doe, Ricahrd  Engineering
Doxie, Deon  Chemistry, Physics, & Math
Dutton, Caitlin  Social Sciences & Public Health
Ensor, Katherine  Social Sciences & Public Health
Espensen-Sturges, Tori  Neuroscience & Experimental Psychology II
Fay, Addison  Psychology & Social Sciences I
Ferring, Joshua  Chemistry
Ferrihand, Michelle  Biology & Biomedical Sciences II
Freeman, Jonathan  Environmental Sciences II
French, Tyler  Arts & Humanities I
Gaines, Taylor  Chemistry
Gennosa, Christine  Biology & Biomedical Sciences II
Gilde, Kailen  Environmental Sciences II
Goldstein, Chelsea  Arts & Humanities I
Gooding, Tierra  Computer Science & Engineering
Graham, Megan  Social Sciences & Education
Granger, Katherine  Psychology & Social Sciences I
Graves, Laurie  Biology & Biomedical Sciences I
Greene, Jennifer  Social Sciences & Public Health
Grimes, Saidah  Social Sciences & Business I
Guram, Sukhi  Psychology, general
Hashem, Nehal  Health & Medical Sciences I
Hayes, Brittany  Social Sciences & Education
Henley, Morgan  Experiential
Herrin, Rachel  Environmental Sciences I
Hinson, Daniel  Neuroscience & Experimental Psychology I
Hofecker, Christina  Social Sciences & Education
Hooks, Alexandra  Environmental Sciences I
Huff, Kevin  Social Sciences & Public Health
Ingram, Alexandra  Social Sciences & Education
Ishenhower, Jason  Computer Science & Engineering
Jarido, Sidney  Biology & Biomedical Sciences II
Jenks, Cory  Social Sciences & Education
Johnson, Angela  Social Sciences & Public Health
Johnson, Mark  Social Sciences & Business II
Jones, Cierra  Health & Medical Sciences I
Jumper, Victoria  Environmental Sciences II
Kady, Steven  Neuroscience & Experimental Psychology II
Keck, Phillip  Chemistry, Physics, & Math
King, Josh  Experiential
King, Joshua  Chemistry, Physics, & Math
Klaric, Boris  Psychology, general
Krajnak, Liana  Psychology, general
Kumar, Ankur  Biology & Biomedical Sciences II
Lee, James  Chemistry
Lim, Ji  Health & Medical Sciences I
Lopez, Maria  Psychology, general
Lotozo, Eliza  Experiential
Mallon, Sara  Psychology, general
Marsiglino, Kyra  Environmental Sciences II
McClellan, Katherine  Neuroscience & Experimental Psychology I
McFadden, Jack  Engineering
Mcknight, Maliek  Computer Science & Engineering
McNeilly, Austin  Environmental Sciences II
Meade, Katelyn  Environmental Sciences II
Messman, Elizabeth  Health & Medical Sciences I
Michaud, Brett  Computer Science & Engineering
Miller, Hannah  Social Sciences & Business II
Miller, Henry  Psychology & Social Sciences I
Molesky, Brian  Chemistry
Moore, Jessica  Chemistry
Morgan, Elisa  Health & Medical Sciences II
Morgan, Rashad  Psychology & Social Sciences I
Morris, Patrick  Social Sciences & Business II
Motts, Jonathan  Biology & Biomedical Sciences I
Muhammad, Arianne  Psychology, general
Musgrave, Caitlin  Health & Medical Sciences II
Mushtaq, Sarah  Biology & Biomedical Sciences I
Muth, Lauren  Social Sciences & Public Health
Nazir, Azka  Environmental Sciences I
Newson, Ann  Psychology, general
Newton, Sara  Neuroscience & Experimental Psychology II
Nichols, Tanya Psychology & Social Sciences II
Paige, Candler Neuroscience & Experimental Psychology I
Patel, Payal Chemistry
Patrick, Kennerly (Clin) Environmental Sciences I
Payne, Will Social Sciences & Business II
Peters, Melissa Psychology & Social Sciences II
Pierce, Lauren Arts & Humanities I
Player, Robert Computer Science & Engineering
Pulliam, Sarah Biology & Biomedical Sciences II
Pulliam, Sarah Arts & Humanities II
Rambo, Ryan Experiential
Ramsey, Sarah Neuroscience & Experimental Psychology II
Rashid Kazi, Rohail Chemistry, Physics, & Math
Reburn, Olivia Arts & Humanities I
Reichard, Eric Chemistry
Reid, Allison Psychology & Social Sciences II
Repetto, Michele Environmental Sciences II
Riemer, Bernadette Social Sciences & Public Health
Riley, Susan Arts & Humanities I
Rizzo, Kari Neuroscience & Experimental Psychology I
Romito, Kevin Engineering
Samples, Victoria Chemistry
Schaeffing, Peter Social Sciences & Education
Schumpert, Charles Environmental Sciences II
Sebastian, Mathew Environmental Sciences II
Sekulich, Anna Social Sciences & Business II
Shannon, Matthew Psychology, general
Shaver, Cassidy Health & Medical Sciences II
Shelley, Patrisha Chemistry, Physics, & Math
Shockey, Heather Arts & Humanities II
Shoppell, Samantha Social Sciences & Education
Smith, Dillon Health & Medical Sciences II
Smith, Kaitlin Arts & Humanities II
Smith, Nicole Social Sciences & Public Health
Srivastava, Apoorva Biology & Biomedical Sciences I
St. Julien, Madeline Environmental Sciences I
Stackhouse, Chavis Chemistry
Suarez, Luis Chemistry, Physics, & Math
Sullivan, Denise Biology & Biomedical Sciences II
Sumpter, Ebony Psychology & Social Sciences II
Sutton, Emily Social Sciences & Business II
Tackett, Bailey Neuroscience & Experimental Psychology II
Tae, Tara Biology & Biomedical Sciences II
Talley, Lauren Biology & Biomedical Sciences I
Taylor, Jessica Chemistry
Taylor, Mark Arts & Humanities II
Thompson, John Engineering
Traylor, Christian Arts & Humanities II
Trojanowsky, Michelle Neuroscience & Experimental Psychology II
Turner, Elliot Health & Medical Sciences II
Weinberg, Daniel Social Sciences & Public Health
Whig, Shalika Neuroscience & Experimental Psychology II
Williams, Justin Engineering
Wilson, Bobbi Jo Psychology & Social Sciences II
Yaghy, Walid Arts & Humanities II
Youngblood, Michael Social Sciences & Education

POSTER PRESENTATIONS AND DISPLAYS:
All presentations will take place in the Russell House Ballroom between 12-3pm.

Arts & Humanities I

The Chronological Significance of the Archaeological Site Khirbet Qeiyafa
Jacob Damm, Classics, Senior
Dr. Katja Vehlow, Religious Studies

Traditional South Carolina Dishes: Local vs Conventional
Tyler French, Baccalaureus Artium et Scientiae, Sophomore
Prof. William Knapp, Hotel Restaurant and Tourism Management

Eyes of Ethnology: A Visual Anthropology Study of the Bai Peoples of Shaxi, Yunnan, China
Chelsea Goldstein, Anthropology, Senior
Prof. Dawn Hunter, Art

CD of Transcriptions
Lauren Pierce, Music, Performance, Senior
Dr. Craig Butterfield, Music
Exploring the literary marketplace and zine culture in NYC  
*Olivia Reburn*, Comparative Literature, Senior  
Dr. Janette Hospital, English Language and Literatures

Using Biofeedback to Reduce Tension in Musicians  
*Susan Riley*, Music, Performance, Senior  
Dr. Robert Jesselson, Music

**Arts & Humanities II**

Portrait as Process: Andy Warhol’s Polaroid to Silkscreen Method  
*Heather Shockey*, Undeclared, Senior, USC Upstate  
Dr. Rachel Snow, Fine Arts and Communication Studies, USC Upstate

Curating at the McKissick Museum: The Rise of Southern Pottery in the Twentieth Century and The Business of Shearwater Pottery in Ocean Springs, Mississippi  
*Kaitlin Smith*, Art History, Junior  
Dr. Lana Burgess, Art

Rediscovering Lost Scholarship: R.D. Thornton, James Currie & Robert Burns  
*Mark Taylor*, Biological Sciences, Sophomore  
Dr. Patrick Scott, English Language and Literatures

Exploring Japanese Musical Traditions  
*Christian Traylor*, Music, Senior  
Dr. Youko Brooks, Languages Literatures and Cultures  
Prof. Sonia Jacobsen, Music

Musicology in the Twenty-first Century—Assessing Ideologies in Contemporary American and European Art Music  
*Walid Yaghy*, Baccalaureus Artium et Scientiae, Senior  
Dr. Martin Donougho, Philosophy

A Novel in the Making  
*Sarah Pulliam*, English, Senior  
Dr. Mark Sibley-Jones, Honors College

**Biology & Biomedical Sciences I**

Mechanisms of Intraplaque Angiogenesis in Atherosclerotic Plaque Rupture  
*Rahoul Ahuja*, Baccalaureus Artium et Scientiae, Sophomore  
Dr. Susan Lessner, Cell Biology and Anatomy

Deleterious SNPs in Rb1 Gene  
*Eeshwar Chandrasekar*, Baccalaureus Artium et Scientiae, Sophomore  
Dr. Richard Showman, Biological Sciences  
Ms. Hema Kasimomayajula, Biological Sciences
Estrogen Receptor and Epigenetics in Human Female Skeletal Muscle
Laurie Graves, Biological Sciences, Senior
Dr. Matthew Kostek, Exercise Science

Identification of Novel Biomarkers of Mercury-Induced Immunotoxicity in Humans
Jonathan Motts, Biological Sciences, Senior
Dr. Jennifer Nyland, Pathology, Microbiology, and Immunology

To Investigate if PKR Activation is Involved in Tunicamycin-induced Apoptosis in a Neuronal Cell Line.
Sarah Mushtaq, Biological Sciences, Junior
Dr. Rekha Patel, Biological Sciences

Role of Polyphenols in Inhibiting Amyloid-$\beta$-induced Activation of Human Umbilical Vein Endothelial Cells (HUVECs)
Apoorva Srivastava, Baccalaureus Artium et Scientiae, Senior
Dr. Melissa Moss, Chemical Engineering

Maximizing Embryonic Development in Peromyscus maniculatus
Lauren Talley, Biological Sciences, Junior
Dr. Gabor Szalai, Biological Sciences

Role of HOXA9 in NF-kB Dependent Cellular Inflammation
Daniel Weinberg, Biological Sciences, Senior
Dr. Chandrashekhar Patel, Cell Biology and Anatomy

Biology & Biomedical Sciences II
Induction of apoptosis through HIV-1 tat-dependent expression of pro-apoptotic Bax
Angela Arthur, Biological Sciences, Senior, USC Aiken
Dr. William Jackson, Biology/Geology, USC Aiken

Genetic analysis of the Peromyscus Hairless gene
Michelle Forehand, Biological Sciences, Senior
Dr. Gabor Szalai, Biological Sciences

Inhibition of matrix metalloproteinase-7 (MMP-7) expression by interferon via transcriptional regulation
Christine Gennosa, Biological Sciences, Junior
Dr. Rekha Patel, Biological Sciences

Differentiation of West African Ethnic Groups Using Y-SNPS
Sidney Jarido, Biological Sciences, Senior
Dr. Bert Ely, Biological Sciences

Electrospinning Fibrous 3-D Scaffolds for Bone Regeneration
Ankur Kumar, Chemical Engineering, Sophomore
Dr. Esmaiel Jabbari, Chemical Engineering

Characterizing MAP Kinase Complexes in Tomato Plants
Sarah Pulliam, Biological Sciences, Senior
Dr. Johannes Stratmann, Biological Sciences
Determining Optimal Cell Density and Oxygen Concentration for Encapsulated Tissue

*Denise Sullivan*, Biomedical Engineering, Senior
Dr. James Blanchette, Biomedical Engineering

Effects of muscadine grape extract on intestinal inflammation in the ApcMin/+ mouse

*Tara Tae*, Exercise Science, Senior
Dr. Mark Davis, Exercise Science

**Chemistry**

Analysis of caffeine in soft drinks using cleanup tips with UV/vis spectroscopy and GC/MS

*Joshua Ferring*, Chemistry, Senior
Dr. Stephen Morgan, Chemistry and Biochemistry

A New PBI Membrane for High Temperature Fuel Cells

*Taylor Gaines*, Chemistry, Senior
Dr. Brian C. Benicewicz, Chemistry and Biochemistry

Synthesis of Renewable Biodegradable Polymers from Pine Trees

*James Lee*, Chemistry, Senior
Dr. Chuanbing Tang, Chemistry and Biochemistry

Investigating the Activity of Au Nanoclusters on Titania as Model Catalytic Systems

*Brian Molesky*, Chemistry, Senior
Dr. Donna Chen, Chemistry and Biochemistry

The Role of Solvent Acceptor Number in Methylene Violet Solvatochromism

*Jessica Moore*, Chemistry, Senior, USC Aiken
Dr. Monty Fetterolf, Chemistry, USC Aiken

2Grx-hBolA1 and 2Gr-hBolA3 in Iron homeostasis in cells

*Payal Patel*, Public Health, Junior
Dr. Caryn Outten, Chemistry and Biochemistry

Automated analysis of anabolic steroids in human urine using cleanup tips and GC/MS

*Eric Reichard*, Chemistry, Senior
Dr. Stephen Morgan, Chemistry and Biochemistry

Study of intermolecular interactions using a molecular balance

*Victoria Samples*, Chemistry, Senior
Dr. Ken Shimizu, Chemistry and Biochemistry

Incorporating Lithium in the NaTiO4 Structure

*Chavis Stackhouse*, Chemistry, Junior
Dr. Hans-Conrad zur Loye, Chemistry and Biochemistry

Methodology Development for the Asymmetric Silylation of Secondary Alcohols

*Jessica Taylor*, Biological Sciences, Junior
Dr. Sheryl Wiskur, Chemistry and Biochemistry
Mr. Cody Sheppard, Chemistry and Biochemistry
Chemistry, Physics, & Math

Signal efficiency of the Water Cherenkov Detector

*Tyler Alion, Physics, Freshman*
Dr. Sanjib Mishra, Physics and Astronomy

ATLAS and the Search for Supersymmetry

*Reginald Bain, Physics, Junior*
Dr. Milind Purohit, Physics and Astronomy

Investigations of dye and fiber degradation resulting from environmental exposure by LC/MS

*Molly Burnip, Chemistry, Senior*
Dr. Stephen Morgan, Chemistry and Biochemistry

Synthesis of Cobaltocenium-Containing Polymers for Redox Applications

*Deon Doxie, Chemistry, Senior*
Dr. Chuanbing Tang, Chemistry and Biochemistry

Perpetual motion of magnetic moments in Spin-Transfer systems

*Phillip Keck, Physics, Senior*
Dr. Yaroslav Bazaliy, Physics and Astronomy

Thresholds for Permutation Patterns

*Joshua King, Mathematics, Senior*
Dr. Joshua Cooper, Mathematics

Effects of a Confined Environment on Photochemical Reactions

*Rohail Rashid Kazi, Chemistry, Junior*
Dr. Linda Shimizu, Chemistry and Biochemistry

Receiver Operator Characteristic Graphs for Validation of Forensic Decision-Making

*Patrisha Shelley, Chemistry, Senior*
Dr. Stephen L. Morgan, Chemistry and Biochemistry

Coherent Rho-Meson (CohRho) Production In Neutrino Neutral-Current (NC) Interactions

*Luis Suarez, Physics, Sophomore*
*Kayla Hasbrouck, Physics, Freshman*
Dr. Sanjib Mishra, Physics and Astronomy

Computer Science & Engineering

Making the Web More Open: Building An Accessible Future

*Cory Bohon, Computer Information Systems, Junior, USC Upstate*
Dr. Tina Herzberg, Special Education, USC Upstate
Dr. George Williams, Languages Literature and Composition

msACTIVE: an algorithm for active site identification that eliminates assumptions inherent in existing algorithms.

*Parker Bush, Computer Science, Senior*
Dr. Homayoun Valafar, Chemical Engineering
SMEE: A tool to extract sorting motif data from PubMed Central abstracts and full text documents
Lewis Cawthorne, Computer Science, Senior
Dr. Jianjun Hu, Computer Science and Engineering

An Exploration of Privacy Tools on Social Networking Sites
Tierra Gooding, Business Administration, Junior, USC Aiken
Dr. Leanne McGrath, Business Administration, USC Aiken
Dr. Ravi Narayanaswamy, Business Administration

Using Smartphones to Monitor Wireless Network Health
Jason Isenhower, Computer Science, Sophomore
Dr. Srihari Nelakuditi, Chemical Engineering

Handheld Art: Using Mobile Devices to Further Art Education
Maliek McKnight, Computer Science, Junior
Dr. Duncan Buell, Computer Science and Engineering

Decision Support Model for Generating Clinical Knowledge of Patient Diagnosed with Chronic Diseases
Brett Michaud, Mathematics, Junior, USC Upstate
Dr. Wei Zhong, Mathematics & Computer Science, USC Upstate

A Dynamic 3-D Indoor Radio Propagation Model
Robert Player, Biological Sciences, Senior, USC Beaufort
Dr. Yiming Ji, Computer Science, USC Beaufort

Engineering
Hydrolysis of Sodium Borohydride at Elevated Pressure
Christopher Boyd, Chemical Engineering, Senior
Dr. Michael Matthews, Chemical Engineering

Novel Anode Material for Solid Oxide Fuel Cells
Dustin Bunt, Mechanical Engineering, Senior
Dr. Frank Chen, Mechanical Engineering

Identifying Human Falls Using Structural Vibrations
Benjamin Davis, Civil Engineering, Sophomore
Dr. Juan Caicedo, Civil and Environmental Engineering

Synthesis and Characterization of Functional Self Assembled Nanoparticles
Ricahrd Doe, Biomedical Engineering, Junior
Dr. Esmaiel Jabbari, Biomedical Engineering

Improving Dangerous Horizontal Roadway Curves: Recommendations for Superelevation Design on Steep Vertical Grades
Jack McFadden, Civil Engineering, Senior
Dr. Nathan Huynh, Civil and Environmental Engineering
Single Cell Fuel Cell Testing Device
  Kevin Romito, Mechanical Engineering, Senior
  Dr. Kevin Huang, Mechanical Engineering

Modeling and Estimation of an Experimental Pressure Tank System
  John Thompson, Chemical Engineering, Senior
  Dr. Ed Gatzke, Chemical Engineering

Chalcogenide Semiconductors for Radiation Detectors
  Justin Williams, Electrical Engineering, Junior
  Dr. Krishna Mandal, Electrical Engineering

Environmental Sciences I
  Bioavailability of P Across an Oxic/Anoxic Boundary
    Melissa Bennett, Marine Science, Senior
    Dr. Claudia Benitez-Nelson, Earth and Oceans Sciences

  Mapping Physiological and Metabolic Responses to changes in Environmental Conditions
    Daniel Brown, Biological Sciences, Junior
    Dr. Jeff Dudycha, Biological Sciences

  Methods for measuring the effects of weather and climate change on body temperatures of a climate
  sensitive predator-prey pair
    Rachel Herrin, Biological Sciences, Senior
    Dr. Brian Helmuth, Biological Sciences

  Phylogenetic Relationships of an Imperiled Undescribed Species of Madtom (Genus Noturus)
    Alexandra Hooks, Marine Science, Senior
    Dr. Joseph Quattro, Biological Sciences

  Implementing a Plan for an Edible Orchard at the Green Quad through Sustainable and Permaculture
  Practices
    Austin McNeilly, International Business, Senior
    Brandon Truett, English, Senior
    Dr. David Whiteman, Political Science

  Using MAP Kinase Activity to Determine Responsiveness to Herbivore-Derived Elicitors in the
  Solanaceae Family
    Azka Nazir, Biological Sciences, Senior
    Dr. Johannes Stratmann, Biological Sciences

  Phylogenetic analysis of bacterial isolates utilizing sucralose as sole carbon source
    Kennerly (Clint) Patrick, Biological Sciences, Senior
    Dr. Richard Long, Biological Sciences

  The Genetic Structure’s Link to the Differential Expression of Hemomucin in Daphnia pulex and Daphnia
  pulicaria
    Madeline St. Julien, Biological Sciences, Senior
    Dr. Jeffry Dudycha, Biological Sciences
Environmental Sciences II

The Role of Nectar Inhabiting Yeast in the Floral Scent of Silene Caroliniana Plants

Jonathan Freeman, Pharmacy, Sophomore, USC Lancaster
Dr. Annette Golonka, Biology, USC Lancaster
Dr. Bettie Obi-Johnson, Chemistry

Effects of Crude Oil Concentrations on Estuary Phytoplankton Community Structure and Function

Kailen Gilde, Marine Science, Junior
Dr. James Pinckney, Biological Sciences

Cumberland Island National Seashore: Turtle Patrol

Victoria Jumper, Marine Science, Senior
Dr. Gwen Geidel, Marine Science

Undergraduate Driven Research at the Belle W. Baruch Institute for Marine & Coastal Sciences

Kyra Marsigliano, Marine Science, Sophomore
Emma Kelley, Marine Science, Sophomore
Dr. Claudia Benitez-Nelson, Earth and Oceans Sciences
Dr. Tammi Richardson, Biological Sciences

Examination of local vs. systemic stress response in a simple animal, Pisaster ochraceous.

Katelyn Meade, Biological Sciences, Junior
Dr. Brian Helmuth, Biological Sciences
Dr. Sean Place, Biological Sciences

Physiological consequences of parasite infection in the burrowing mud shrimp Upogebia pugettensis

Michele Repetto, Marine Science, Senior
Dr. Blaine Griffen, Biological Sciences

The Endeavor of Establishing the First Crustacean Cell Line

Charles Schumpert, Biological Sciences, Senior
Dr. Jeff Dudycha, Biological Sciences
Dr. Rekha Patel, Biological Sciences

Population Genetic Structure of Daphnia obtusa in Relation to Flooding Rate at Congaree National Park

Mathew Sebastian, Biological Sciences, Junior
Dr. Jeff Dudycha, Biological Sciences

Experiential

RecycleMania 2011

Christine Burke, Anthropology, Sophomore
Ms. Margaret Bounds, Housing
Ms. Celia Goetowski, Political Science

Research Assistantship with The Eliza Lucas Pinckney Papers Project

Nicole Calhoun, English, Senior
Dr. Constance Schulz, History
Summer in Tours
  Anthony Ciambrone, International Business, Junior
  Molina Torres, Marketing, Junior
  Bronwyn Lawerence, Accounting, Junior
  Dr. Daniela Di Cecco, Languages Literatures and Cultures

Studying in the Czech Republic as a Gilman Scholar and Carolina Global Scholar
  Morgan Henley, Political Science, Junior

Ecuaxperience
  Josh King, Sport and Entertainment Management, Sophomore
  Drew McElwee, International Business, Sophomore
  Chris Frantel, Sport and Entertainment Management, Sophomore
  Lauren Stitzlein, Broadcast Journalism, Sophomore
  Sydney Spence, Public Relations, Sophomore
  Emily Ingram, Nursing, Junior
  Dr. Patrick Hickey, Capstone Scholars

Studying Abroad in Buenos Aires
  Eliza Lotozo, Accounting, Junior
  Mr. Graham Stowe, English Language and Literatures

IMPULSE - International Undergraduate Journal for Neuroscience at USC
  Ryan Rambo, Psychology, Junior
  Dr. Sarah Sweitzer, Pharmacology Physiology and Neuroscience

Health & Medical Sciences I
  Maternal characteristics influence breast milk cytokine levels and IgA
    Jessica Burch, Chemistry, Junior
    Dr. Wilfried Karmaus, Epidemiology and Biostatistics

Utilization Review of Geriatric Diabetic Patients at Palmetto Senior Care
  Ushma Desai, Pharmacy, Senior
  Dr. Karen McGee, Pharmaceutical and Biomedical Sciences

Evaluation of caffeine and the development of necrotizing enterocolitis
  Nehal Hashem, Pharmacy, Senior
  Dr. Brandon Bookstaver, Pharmaceutical and Biomedical Sciences
  Dr. Christina Piro, Pharmaceutical and Biomedical Sciences

Preventing Preterm Delivery Associated with Genitourinary Tract Infections: The Provider's Prospective
  Cierra Jones, Nursing, Senior, USC Aiken
  Dr. Jo-Ellen McDonough, Nursing, USC Aiken

The Effect of Bright Light Therapy on Postpartum Depression
  Ji Lim, Insurance and Risk Management, Junior
  Ms. Shannon K. Cornelius, Exercise Science
Determining if the Driving Health Inventory is an appropriate tool to assess patients' driving risks in a clinical setting
  
  Elizabeth Messman, Psychology, Sophomore  
  Dr. Johnell Brooks, Psychology, USC Clemson University

Effect of delayed pharmacologic prophylaxis on venous thromboembolism (VTE) rates
  
  Elisa Morgan, Pharmacy, Senior  
  Dr. April Miller, Clinical Pharmacy and Outcomes Sciences

Impact of a pharmacist-driven stewardship initiative on medication errors in hospitalized HIV-infected patients
  
  Caitlin Musgrave, Pharmacy, Senior  
  Dr. Brandon Bookstaver, Clinical Pharmacy and Outcomes Sciences  
  Dr. Celeste Rudisill, Clinical Pharmacy and Outcomes Sciences

Social Networks and Pathways to Transplant Parity for Black Hemodialysis Patients
  
  Cassidy Shaver, Social Work, Sophomore  
  Olivia Jones, Social Work, Junior  
  Valerie Stiling, Social Work, Junior  
  Lesley Jacobs, Social Work, Junior  
  Sonya Davis-Kennedy, Social Work, Sophomore  
  Dr. Teri Browne, Social Work

Descriptive Epidemiology of Injuries Occurring During Recreational Activities and Intramural Sports
  
  Dillon Smith, Physical Education, Senior  
  Dr. Tom Dompier, Physical Education

Micafungin use in a critically ill, morbidly obese patient
  
  Elliot Turner, Pharmacy, Senior  
  Dr. Brandon Bookstaver, Pharmacy

Neuroscience & Experimental Psychology I

The Degree of Potentiation and Selectivity of Magnolol and Honokiol on the Subunits of the GABA(A) Receptor
  
  Mikhail Alexeev, Biomedical Engineering, Junior  
  Dr. Janet Fisher, Pharmacology Physiology and Neuroscience

Pair Bonding and Alcohol Consumption in Monogamous and Promiscuous Peromyscus
  
  Anna Capps, Psychology, Freshman  
  Samantha Jones, Psychology, Junior  
  Dr. Sandra Kelly, Psychology

Evaluating the random-regular-numerosity-illusion across development
  
  Breana Carter, Psychology, Junior  
  Dr. Melanie Palomares, Psychology

fMRI Naming Performance Predicts Overall Naming Ability in Persons with Aphasia
  
  Caroline Clark, Psychology, Senior  
  Dr. Julius Fridriksson, Communication Sciences and Disorders
Changes in Left Hemisphere Activation as a Function of Food Intake and Left-Lateralized Task Demands
Daniel Hinson, Biological Sciences, Sophomore, USC Lancaster
Dr. Alissa Holland, Psychology, USC Lancaster

Analyzing Lentiviral Vector-Mediated Transgene Delivery to Rat Hippocampal Neurons
Katherine McClellan, Biological Sciences, Senior
Dr. David Mott, Pharmacology Physiology and Neuroscience

Limiting Central Nervous System Side Effects in Common Medications
Candler Paige, Biological Sciences, Sophomore
Dr. Sarah M. Sweitzer, Pharmacology Physiology and Neuroscience

Predicting Anxiety in Fragile X Syndrome: Soothability and Maternal Stress
Kari Rizzo, Psychology, Junior
Sarah-Nell Lader, Psychology, Junior
Dr. Jane Roberts, Psychology
Ms. Ashley Robinson, Psychology

Neuroscience & Experimental Psychology II
Amelioration of HIV-1 Tat-induced neuronal injury by phytoestrogens
Tori Espensen-Sturges, Psychology, Senior
Dr. Rosemarie Booze, Psychology

Examining the Neural Representation of Verbs and Nouns through Meta-Analysis
Steven Kady, Psychology, Senior
Dr. Svetlana Shinkareva, Psychology

Age-Related Changes in Task Performance and Parasympathetic Tone Regulation as a Function of Pre-Digestive Stress
Sara Newton, Psychology, Freshman, USC Lancaster
Dr. Kate Holland, Psychology, USC Lancaster

Form and Motion Processing: What can dots tell us about development?
Sarah Ramsey, Biological Sciences, Junior
Dr. Melanie Palomares, Psychology

Physiological Indicators of Autism Symptom Severity in Children with Fragile X Syndrome
Bailey Tackett, Psychology, Junior
Dr. Jane Roberts, Psychology

The Modulation of Murine Glucocorticoid Receptor Activity by Site-Specific Phosphorylation at Ser212 and Ser220
Michelle Trojanowsky, Baccalaureus Artium et Scientiae, Senior
Dr. Paul Housley, Pharmacology Physiology and Neuroscience
Pediatric Neuropsychological Assessment of Children with Sickle Cell Disease
*Shalika Whig*, Psychology, Experimental, Senior
Dr. Jeff Schatz, Psychology

**Psychology & Social Sciences I**

**Dance and Movement Therapy: The Healing Power of Dance**
*Hannah Bailey*, Dance, Sophomore

**Comparative Creole Culture**
*Candra Chaisson*, Biological Sciences, Sophomore
Dr. Kimberly Simmons, Anthropology

**Context Effects on Political Perceptions and Preferences**
*Addison Fay*, Psychology, Junior
Dr. Doug Wedell, Psychology

**The Link Between Self-identification and Status for Biracial Persons**
*Katherine Granger*, Sociology, Senior
Dr. Shelley Smith, Sociology

**The Importance of Distal Social Support for Individuals with Serious Mental Illness**
*Henry Miller*, Psychology, Senior
Dr. Bret Kloos, Psychology
Mr. Greg Townley, Psychology

**Don't Call us, We'll Call You: The effects of Visibility on the Decision to Hire Disabled Individuals**
*Rashad Morgan*, Psychology, Experimental, Senior, USC Upstate
Dr. Ann Hoover, Psychology, USC Upstate

**Psychology & Social Sciences II**

**The effects of recent musical context on emotional ratings of musical stimuli**
*Tanya Nichols*, Psychology, Senior
Dr. Douglas Wedell, Psychology

**The Effect of Gender Roles and Gender Identity on Perceptions of Sexual Behavior**
*Melissa Peters*, Psychology, Senior, USC Aiken
Dr. Jane Stafford, Psychology, USC Aiken

**Try Not to Bore Him: A Cross-Cultural Examination of Battered Women’s Shelters in Seville, Spain and Columbia, SC and the Feminine Societal Role as Dictated by Each City’s Response to Domestic Violence**
*Allison Reid*, Anthropology, Senior
Dr. Jennifer Reynolds, Anthropology

**How We Got Here and What It Means: The Socioeconomic Journey of African-Americans**
*Ebony Sumpter*, Political Science, Senior
Dr. Bobby Donaldson, History
The Relationship Between Volunteerism and Self-Esteem  
*Bobbi Jo Wilson,* Psychology, Senior, USC Upstate  
Dr. Stefanie Keen, Psychology, USC Upstate

Psychology, general  
Effects of monthly dental care coaching on improving dental health in elementary students compared to usual care  
*Sukhi Guram,* Biological Sciences, Junior  
Dr. Brad Smith, Psychology

Examining factors related to substance abuse among individuals with SMI  
*Boris Klaric,* Psychology, Senior  
Dr. Bret Kloos, Psychology  
Mr. Greg Townley, Psychology

At a glance: comparing the perception of scenes in children and adults  
*Liana Krajnak,* Psychology, Junior  
Dr. Melanie Palomares, Psychology

Differences in social support for healthy behaviors in adolescents with low and high body image dissatisfaction  
*Maria Lopez,* Sara St. George, M.A., Dawn K. Wilson, Ph.D.  
*Maria Lopez,* Journalism and Mass Communications, Senior  
Dr. Dawn Wilson, Psychology  
Mrs. Sara Mijares St. George, Psychology

Recognition of Affective Faces Using Six Basic Emotions  
*Sara Mallon,* Psychology, Sophomore  
*Arjamand Sami,* Psychology, Sophomore  
Dr. Svetlana Shinkareva, Psychology  
Dr. Douglas Wedell, Psychology

PATH: An Ecological Framework of Public Health that Increases Physical Activity in Underdeserved Communities  
*Arianne Muhammad,* Nursing, Sophomore  
Dr. Dawn Wilson, Psychology  
Mrs. Sandra Coulon, Psychology

Parental Limit Setting of Sedentary Behaviors and Fast Food Intake in Overweight African American Adolescents  
*Ann Newsom,* Biological Sciences, Junior  
Dr. Dawn Wilson, Psychology  
Ms. Hannah Lawman, Psychology

Identifying Faces: Which Features Matter?  
*Matthew Shannon,* Psychology, Junior  
Dr. Melanie Palomares, Psychology
Social Sciences & Business I
Taiwan and Tourism: How They Connect
   Will Boggs, International Business, Sophomore
   Dr. Dwight Kelehear, Educational Leadership and Policies

ProPowerLINKS
   Alan Brylawski, Management, Senior

Analyzing the viability of premium seating as a major revenue source for professional and collegiate sport organizations
   Dylan Burton, Sport and Entertainment Management, Senior
   Dr. Tom Regan, Sport and Entertainment Management

Process of internationalization in Mexican multinational corporations
   Cameron Cegala, International Business, Senior
   Dr. Alvaro Cuervo-Cazurra, International Business

Market Valuation of Booked Assets under the use of IFRS and GAAP
   Michael Depp, Accounting, Senior, USC Upstate
   Dr. Elizabeth Cole, Accounting, USC Upstate

Supply Chain for Starbucks Corporation
   Saidah Grimes, International Business, Senior
   Dr. Jayanth Jayaram, Management Science

Social Sciences & Business II
Benefits/Liabilities of Four Summer Olympic Stadiums after the Olympics 1996-2008
   Mark Johnson, Sport and Entertainment Management, Junior
   Dr. John Grady, Sport and Entertainment Management

Turkish Perspectives on European Union Accession
   Hannah Miller, Economics, Sophomore
   Dr. Amy Mills, Geography

Microcredit in South Carolina: An effective way to improve per capita GDP?
   Patrick Morris, Business Economics, Senior
   Dr. Janice Breuer, Economics

Evaluating the Impact of Child Support Grants in Lesotho
   Will Payne, Political Science, Junior
   Dr. Edward Carr, Geography

The Effects of Transnational Integration Regimes on Domestic Capital Market Regulation in Developing Countries
   Anna Sekulich, International Business, Senior
   Dr. Gerald McDermott, International Business
Sustainability and Sourcing: Designing Scorecards for the French Perfume Industry
Emily Sutton, Management Science, Senior
Dr. Jayanth Jayaram, Management Science

Social Sciences & Education
Gender Differences in Academic Self-Efficacy in Grades 3 to 8
Daryn Barker, Psychology, Junior
Dr. Bradley Smith, Psychology

Orff-Schulwerk Applications of Penatonic and Diatonic Tonal Systems for Elementary-Aged Students
Megan Graham, Music Education, Senior
Dr. Wendy Valerio, Music Education History and Theory

Ripples of Hope
Brittany Hayes, Art Education, Senior
Dr. Karen Heid, Art

USC Students with Disabilities, Advocacy and Awareness
Christina Hoffecker, Social Work, Senior
Dr. Miriam Johnson, Social Work
Ms. Susan Parlier, Social Work

Evaluation of Transitional Mentoring Program Effects On Middle School Students
Alexandra Ingram, Psychology, Experimental, Senior
Dr. Amanda Fairchild, Psychology

Analyzing the effect an educational pharmacy camp has on high school students’ perception and knowledge of the pharmacy profession
Cory Jenks, Pharmacy, Senior
Dr. Elizabeth Blake, Pharmacy

Can Charter School Mission Statements Predict Academic Success?
Peter Schaeffing, Economics, Senior
Dr. Orgul Ozturk, Economics

Appropriation, Gender Play, and Technical Innovation in Children's Digital Video Production
Samantha Shoppell, Art Education, Senior
Dr. Olga Ivashkevich, Art

Documenting the Story of Service Learning
Michael Youngblood, Management Science, Sophomore
Prof. Susan Houge, Art

Social Sciences & Public Health
E.S.C.A.P.E
Caitlin Dutton, Exercise Science, Senior
Dr. Kara Montgomery, Health Promotion Education and Behavior
Sex, Drugs, & Rock 'n' Roll: An Artistic and Scientific Exploration of Addiction and Pleasure
  Katherine Ensor, Art History, Senior
  Dr. Neil Levens, Psychology

A Cross-Cultural Comparison of Healthcare Volunteering in the United States and Peru
  Jennifer Greene, Exercise Science, Senior
  Dr. Erica Gibson, Anthropology

The Effect of Toning Shoes on Exercise Energy Expenditure and Walking Behavior
  Kevin Huff, Exercise Science, Senior, USC Aiken
  Dr. Brian Parr, Exercise and Sports Science, USC Aiken

Through Aging Eyes: Environmental Gerontology through PhotoVoice
  Angela Johnson, Public Health, Senior
  Dr. Mindi Spencer, Health Promotion Education and Behavior

Increasing Eating Disorder Knowledge and Awareness among Students at the University of South Carolina (USC)
  Lauren Muth, Psychology, Junior
  Lauren Pendleton, Psychology, Junior
  Dr. Kara Montgomery, Health Promotion Education and Behavior

Impact of Point of Selection Signage for “5 A-Day and 50k” Tailored to Eating Identity
  Bernadette Riemer, Management, Junior
  Dr. Christine Blake, Health Promotion Education and Behavior

Promoting Positive Dietary Behaviors of Youth through Hands-On Cooking
  Nicole Smith, Biological Sciences, Senior
  Dr. Christine Blake, Health Promotion Education and Behavior

Cultural and Linguistic Competency Practices: An Assessment of South Carolina Free Medical Clinics
  Elizabeth Walker, Latin American Studies, Senior
  Dr. Sara J. Corwin, Health Promotion Education and Behavior
  Dr. DeAnne K. Hilfinger Messias, Nursing