Congratulations to our 2016 Award Winners!

~ MORNING ORAL PRESENTATIONS~

Morning Oral Presentations: Arts and Humanities
First place: Historia para todos: Translating the Woodrow Wilson Family Home and Reconstruction Museum  
Charlotte Adams, History & Spanish - Senior  
Dr. Lana Burgess, Art

Second place: Perceptions of Cults from Various Religious Viewpoints  
Caroline Emanuel, Exercise Science & Psychology - Senior  
Dr. Mike McCall, Psychology

Morning Oral Presentations: Public Health
First place: Maternal Mortality in the Dominican Republic: An Analysis of Potential Contributing Factors  
Weston Grove, Biomedical Engineering & Spanish - Senior  
Dr. David Simmons, Anthropology

Second place: Knowledge and Use of Pulse Oximetry and The Wireless Information System for Emergency Responders (WISER) by First Responders During Triage of Victims of Irritant Gas Syndrome Agent (IGSA) Disasters  
Michael Pallon, Nursing - Senior  
Dr. Joan Culley, Nursing

Honorable Mention: Implementation and Evaluation of a Social Media Campaign to Promote Cervical Cancer Prevention and Control  
Kelsie Dirksing, Public Health & Biological Sciences - Senior  
Dr. Heather Brandt, Health Promotion Education and Behavior

Morning Oral Presentations: Social Sciences
First place: Germany 25 years after Reunification  
Selina Rendleman, International Business & Management Science - Senior

Second place: Perceptions of News Managers on Using Drones in Local News Coverage  
Abbey O'Brien, Broadcast Journalism & Sport and Entertainment Management - Senior  
Dr. Andrea Tanner, Journalism and Mass Communications

Morning Oral Presentations: USC Connect Showcase A
First place: How teaching showed me the importance of learning  
Jourdan Simpson, Journalism and Mass Communications - Senior

Second place: Athletic Training for the Future  
Anna Meyer, Athletic Training - Senior

Morning Oral Presentations: USC Connect Showcase B
First place-Tie: From Engineering to Education: A Journey of Peer Leadership  
Jacob Garner, Chemical Engineering - Junior  
Ms. Anne-Marie Hantman, Housing

~ MORNING ORAL PRESENTATIONS~

Morning Oral Presentations: USC Connect Showcase A
First place: How teaching showed me the importance of learning  
Jourdan Simpson, Journalism and Mass Communications - Senior

Second place: Athletic Training for the Future  
Anna Meyer, Athletic Training - Senior

Morning Oral Presentations: USC Connect Showcase B
First place-Tie: From Engineering to Education: A Journey of Peer Leadership  
Jacob Garner, Chemical Engineering - Junior  
Ms. Anne-Marie Hantman, Housing
First place-Tie Learning from the Business World
Arthur Murphy, Management & Marketing - Senior
Mrs. Courtney Worsham, Marketing

Second place Enhancing Beyond-The-Classroom Experiences to Increase Professional and Civic Engagement
Caitlyn Brockington, Political Science & Psychology - Senior

Morning Oral Presentations: USC Connect Showcase C
First place Finding My Path at the Intersection of Art and Science
Chandler Green, Environmental Science & Media Arts - Senior

Second place Behind the Helmets and Black Polos
Taylor Fontan, Political Science & Spanish - Senior

Morning Oral Presentations: USC Connect Showcase D
First place Engaging in South Carolina Politics
Creighton-Elizabeth Boggs, Political Science & Theatre - Senior

Second place Graduation with Leadership Distinction in Research: Keeping Promises
Laquita Grissett, Biological Sciences - Senior
Dr. Johannes Stratmann, Biological Sciences

Morning Oral Presentations: USC Connect Showcase E
First place Richard Vaughan Discovery Day Presentation
Richard Vaughan, Sport and Entertainment Management & Sociology - Senior

Second place Graduation with Leadership Distinction: Global Learning & Cultural Appreciation
Allison Babcock, International Business & Marketing - Senior

Morning Oral Presentations: USC Connect Showcase F
First place See it, Live it and Tell it!
Ore Oluwole, Public Relations & Business Administration - Senior

Second place Engineers Solve Problems
Michelle Wilson, Chemical Engineering & Business Administration - Senior

Morning Oral Presentations: USC Connect Showcase G
First place Making Connections Between IT & PA: Practical Applications from Professional Work Experience
Mary Riddle, Biological Sciences & Medical Humanities - Senior

Second place Unexpected Development
Clara Couch, Psychology & Counselor Education - Senior
Dr. Karen Patten, Integrated Information Technology
Morning Poster Presentations: Arts and Humanities
First place  Augustan Propaganda: A Case Study in Numismatics
Olivia Garrett, Classics & Comparative Literature
Dr. Hunter Gardner, Languages, Literatures, and Cultures

Second place  Alexander Nevsky and Saladin: The Pragmatic into the Sanctified. The creation of the ideal holy and virtuous leader by societies in a time of deep crisis or change
Michael Thayer, History & Russian - Senior

Morning Poster Presentations: Biology
First place  Characterizing PACT-ADAR1 interacting domains required for PKR inhibition during HIV replication
Davide Recchia, Biological Sciences & Chemistry - Senior
Dr. Rekha Patel, Biological Sciences
Mrs. Evelyn Chukwurah, Biological Sciences

Second place  Mud puddling variations among Lepidopteran species and sexes
Angela Korabik, Biological Sciences & Chinese Studies - Junior
Dr. Carol Boggs, Biological Sciences

Morning Poster Presentations: Biomedical Sciences A
First place  Design and cloning of an anti-HIV 1 Vif siRNA into a retroviral vector
Austin Worden, Biology - Senior; USC Aiken
Dr. William Jackson, Biology/Geology; USC Aiken

Second place  Characterization of the toll-like receptor 4 pathway in human skin mast cells
Mary Harrell, Biomedical Engineering & Business Administration - Senior
Dr. Gregorio Gomez, Pathology Microbiology and Immunology

Morning Poster Presentations: Biomedical Sciences B
First place  Identification of Novel Protein Targets of Dimethylfumarate Treatment in Neurons
Tulsi Patel, Business Economics & Biological Sciences - Sophomore
Dr. Norma Frizzell, Pharmacology, Physiology and Neuroscience

Second place  Effect of Double Mutations of human DAT on HIV-1 Tat induced inhibition of dopamine transport
Richard McCain, Biological Sciences - Senior
Dr. Jun Zhu, Drug Discovery and Biomedical Sciences

Honorable Mention  Angiogenesis as an early sign of developing atopic dermatitis: a morphometric study
Katherine Castleberry, Biological Sciences & Chemistry - Junior
Dr. Carole Oskeritzian, Pathology Microbiology and Immunology
Dr. John Fuseler, Pathology Microbiology and Immunology

Morning Poster Presentations: Chemistry and Physics
First place  Harnessing the P450 Decarboxylase OleT for In Vivo Biofuel Production
Megan Mitchell, Biochemistry and Molecular Biology - Senior
Dr. Thomas Makris, Chemistry and Biochemistry

Second place-Tie  Synthesis of nanostructured fluorine-doped tin oxide
Alexandra Bigach, Chemical Engineering - Sophomore
Dr. Morgan Stefik, Chemistry and Biochemistry

Second place-Tie  Incorporation of Non-native Fluorescent Hemes into Cytochrome P450 for Elucidating Substrate Binding Interactions
Aubrey Brockmiller, Biochemistry and Molecular Biology & Psychology - Junior
Dr. Thomas Makris, Chemistry and Biochemistry
Morning Poster Presentations: Engineering, Computing, and Math

First place  
A High-Throughput Investigation into Ceria Solubility in Bismuth-Yttria-Ceria  
**Patrick Barboun**, Chemical Engineering & Chemistry - Senior  
Dr. Jason Hattrick-Simpers, Chemical Engineering

Second place  
Underwater Cave Mapping using Stereo Vision  
**Nicholas Weidner**, Computer Science & Mathematics - Senior  
Dr. Ioannis Rekleitis, Computer Science and Engineering

Morning Poster Presentations: Environmental Sciences

First place  
Establishing marsh stratigraphic boundaries in Basra Governorate, southern Iraq using stable isotope analyses of δ18O and δ13C in malacofauna fossils  
**Kaitlyn Bretz**, Environmental Science & Anthropology - Junior  
Dr. Jennifer Pournelle, Environment and Sustainability

Second place  
Implementing a functional aquaponics system and reflection pond at Palmetto Place  
**Katrina Hounchell**, Marine Science - Senior  
**Jonathan Boland**, Exercise Science - Junior  
**Rylan Burdette**, Mechanical Engineering - Sophomore  
**Charlotte Eckmann**, Marine Science - Senior  
**Grace Porter**, Civil Engineering & Studio Art – Sophomore  
**David Berry**, Biological Sciences - Junior  
**Sarah Hilvert**, Biological Sciences - Junior  
**Simon King**, Marine Science - Senior  
**Taylor Shearer**, Marine Science & Environmental Studies - Senior  
**Elise Weisert**, Exercise Science & Chemistry - Senior  
**Catherine Garner**, Biological Sciences - Junior  
**Grey Klein**, Mechanical Engineering & Spanish - Senior  
**Samantha Macquesten**, Marine Science - Senior  
**Laura Woodlee**, Environmental Science & Biological Sciences - Senior  
Dr. Joe Jones, Environmental Health Sciences

Morning Poster Presentations: Exercise Science and Physical Education

First place  
Examining the Effects of Aging on Visual Search during Motor Learning  
**Hannah Boyce**, Exercise Science & Psychology - Senior  
Dr. Troy Herter, Exercise Science

Second place  
Exploring Measures of Structural Integrity of the Motor and Premotor Sections of the Corpus Callosum after Stroke: Center-Slice vs. Five-Slice Approach  
**Morgan Durand**, Exercise Science - Senior  
**John Pai**, Exercise Science - Senior  
Dr. Jill Stewart, Exercise Science

Morning Poster Presentations: Psychology and Neuroscience

First place  
Understanding the Role of Rab3Gap1 in Neuronal Development  
**Mara Cowen**, Baccalaureus Artium et Scientiae & Neuroscience - Sophomore  
Dr. Sofia Lizarraga, Biological Sciences

Second place-Tie  
Intraneuronal β-Amyloid accumulation in HIV-1 Transgenic rats  
**Benjamin Likins**, Exercise Science - Sophomore  
Dr. Rosemarie Booze, Psychology

Second place-Tie  
Examining the effects of social referencing on object fear in infant populations  
**Lynn Schutte**, Public Relations & Psychology - Sophomore  
**Christina Harkins**, Psychology & Neuroscience - Senior  
Dr. Jane Roberts, Psychology  
Ms. Debra Reisinger, Psychology  
Ms. Abigail Hogan, Psychology
Morning Poster Presentations: Psychology and Public Health A

First place  Evaluation of common medications and risk of necrotizing enterocolitis in very low birth weight infants
Nicole Corbin, Pharmacy
Katelyn Bull, Pharmacy
Dr. Christina Cox, Clinical Pharmacy and Outcomes Sciences
Dr. Jun Wu, Presbyterian College School of Pharmacy

Second place  Association of Perceived Physical and Social Attributes with Neighborhood Satisfaction Among Men and Women in Disadvantaged Communities
Lauren Boeckermann, Public Health & Women’s and Gender Studies - Junior
Dr. Andrew Kaczynski, Health Promotion Education and Behavior

Morning Poster Presentations: Psychology and Public Health B

First place  Odds of Viral Suppression by Regimen Type and Adherence Level in HIV/AIDS Patients Receiving Antiretroviral Therapy
Hanna Shin, Pharmacy
Dr. Scott Sutton, Clinical Pharmacy and Outcomes Sciences

Second place  The Role of Accessibility and Quality of Public Playgrounds on Childhood Obesity in Greenville County
Shea McCarthy, Public Health - Junior
Dr. Andrew Kaczynski, Health Promotion Education and Behavior
Ms. Morgan Hughey, Health Promotion Education and Behavior

Morning Poster Presentations: Social Sciences A

First place  Visualizing Guilt: A Viewshed Model for Analyzing Community Awareness of Nazi KZ Activity
Charlotte Ector, Geography & German - Junior
Dr. Michael Hodgson, Geography

Second place  Measuring the Effectiveness of Nonprofits: Caritas and its Support of At-Risk Youth in Santiago, DR
Matthew Isales, International Studies & Spanish - Senior
Dr. David Simmons, Anthropology

Honorable Mention  Speech Signs - Signing with Children
Tonya Shelton, Integrated Information Technology - Senior
Olivia Williams, Integrated Information Technology - Senior
DeAnte Brown, Integrated Information Technology & Business Administration - Senior
Adel Alamri, Computer Science & Computer Engineering
Dr. Karen Patten, Integrated Information Technology

Morning Poster Presentations: Social Sciences B

First place-Tie  Gauging Student and Teacher Dispositions Toward Interactive Teaching Methodologies with a Case Study Utilizing National Geographic’s Giant Traveling Map
Jory Fleming, Geography & Marine Science - Junior
John Howell, Middle Level Education & Geography - Senior
Dr. Jerry Mitchell, Geography
Dr. Blaine Griffen, Biological Sciences

First place-Tie  Young Children’s Attitudes towards Science, Technology, Engineering, and Math (STEM) Careers
Jerica Knox, Psychology & Social Work - Junior
Calli Fletcher, Chemistry & Spanish - Senior
Dr. Kelly Lynn Mulvey, Educational Studies
Dr. Matthew Irvin, Educational Studies

Morning Poster Presentations: USC Connect Showcase A

First place  Bailey Frye’s GLD Presentation
Bailey Frye, Early Childhood Education - Senior
Second place  Improving an Organization that Improved Me  
Darcy Whelan, Political Science & Business Administration - Senior  
Prof. Stuart Hunter, University 101

Morning Poster Presentations: USC Connect Showcase B
First place  My GLD Stuff  
Mary Carolyn Moore, Public Relations - Senior

Second place  My Healthy Columbia Experience  
Olivia Albanese, Public Health & Medical Humanities - Junior  
Ms. Terri Jowers, Healthy Columbia

Honorable Mention  The Path to Medicine  
Rasmine Baker, Biological Sciences & Chemistry - Senior

Morning Poster Presentations: USC Connect Showcase C
First place-Tie  Student Run Hydroponics  
John Stewart, Chemical Engineering - Senior

First place-Tie  Getting Involved Changed My Career Path--And My Life  
Allison Warrick, Media Arts & Art Studio - Senior

Second place  Finding Neverland  
Kristy O'Keefe, Marketing & Journalism and Mass Communications - Senior

Morning Poster Presentations: USC Connect Showcase D
First place  Making Healthy Taste Delicious with Columbia's Cooking!  
Brooke Turner, Exercise Science & Psychology - Senior

Second place  Global Perspective through a Croatian Experience  
Megan Rauf, Public Relations & Health Promotion, Education, and Behavior - Senior

Morning Poster Presentations: USC Connect Showcase E
First place-Tie  SPANX the Day! SPANX your Life!  
Caroline Riffel, Retailing & Art History - Senior

First place-Tie  The Making of an Educator  
Alicia Walsh, History and Education, General - Senior

Second place  Graduation with Leadership Distinction: Professional and Civic Engagement 2016  
Marquia Edwards, Public Health & Business Administration - Senior
Congratulations to our 2016 Award Winners!

~ MID-DAY ORAL PRESENTATIONS~

**Mid-day Oral Presentations: Social Sciences A**

**First place**  
Let's Play: The Creation and Formation of Genre on a Community's Terms  
*Amber Brown-Rodgers*, Media Arts & English - Senior  
Dr. Mark Cooper, English Language and Literature

**Second place**  
Humans of U of SC  
*Natalie Hobson*, International Studies & Economics - Senior  
*Morgan McBride*, Mathematics & Statistics - Senior  
Dr. Glenda Alvarado, Journalism and Mass Communications

**Mid-day Oral Presentations: Social Sciences B**

**First place**  
Site Assessment and Conceptual Design for Water Development Project in El Cedro, Ecuador  
*Eric Reyes-Bastida*, Mechanical Engineering - Senior  
Dr. Jim Burch, Epidemiology and Biostatistics

**Second place**  
Auditorily testing the limits of object enumeration  
*James Clark*, Psychology - Sophomore  
Dr. Melanie Palomares, Psychology

**Mid-day Oral Presentations: STEM A**

**First place**  
Thermal Stability and Characterization of Scandia Stabilized Zirconia Thin Films  
*Patrick Barboun*, Chemical Engineering & Chemistry - Senior  
Dr. Jason Hattrick-Simpers, Chemical Engineering

**Second place**  
Cooperative Set Function Without Communication  
*Blakeley Hoffman*, Computer Science & Mathematics - Junior  
Dr. Benjamin Moseley, Washington University-St. Louis, Computer Science  
Dr. Roman Garnett, Washington University-St. Louis, Computer Science  
Mr. Gustavo Malkomes, Washington University-St. Louis, Computer Science  
Mr. Kefu Lu, Washington University-St. Louis, Computer Science

**Mid-day Oral Presentations: STEM B**

**First place**  
Pupillary responses in scallops  
*Hayley Miller*, Biological Sciences & Medical Humanities - Junior  
Dr. Daniel Speiser, Biological Sciences

**Second place**  
The effect of monosaccharides and artificial sweeteners on bone density in Sprague-Dawley rats  
*Christina Thomas*, Biology - Senior; USC Aiken  
Dr. Michelle Vieyra, Biology/Geology; USC Aiken

**Mid-day Oral Presentations: USC Connect Showcase A**

**First place**  
Service Through Internships  
*Josephine Hicklin*, Political Science - Junior
Second place  Cory Leonard's GLD Portfolio
Cory Leonard, Exercise Science & Athletic Training - Sophomore; USC Sumter
Prof. Anna Oswald-Hensley, Registrar's Office; USC Sumter

Mid-day Oral Presentations: USC Connect Showcase B
First place  What I've Learned About Life (so Far) Through Leadership
Abbey O'Brien, Broadcast Journalism & Sport and Entertainment Management - Senior
Dr. Karen Patten, Integrated Information Technology

Second place  The Hospital Hero
LawRosa Hickson, Biological Sciences & Medical Humanities - Senior
Mrs. Moryah Jackson, Diversity & Inclusion

Mid-day Oral Presentations: USC Connect Showcase C
First place  Growth through Professional and Civic Engagement
Corinne Knight, Management Science & Marketing - Senior
Prof. Elizabeth Teel Evans, Languages, Literatures, and Cultures
Ms. Stephanie Warner, USC Connect

Second place  Public Health Informing a Future Clinician
Benjamin Lampe, Public Health - Senior

Honorable Mention  Community Service: An Opportunity for Cultural Integration
Michelle Kirkman, Exercise Science - Senior

Mid-day Oral Presentations: USC Connect Showcase D
First place  I Am What I Choose to Become
Karra McCray, Political Science & English - Senior

Second place  The Sequence of Service: Reflections and Evaluations of my Involvement in Community Service
Carman Fowler, Psychology & Criminal Justice - Senior

Mid-day Oral Presentations: USC Connect Showcase E
First place  Significance of Work Experience to Supplement Classroom Learning: Providence Hospitals Externship
Michael Pallon, Nursing - Senior

Second place  External and Internal Student Organization Leadership Opportunities
Connor West, Marine Science & Chemistry - Senior
~Mid-day Poster Presentations~

Mid-day Poster Presentations: Arts and Humanities
First place  Female Characters’ Embodiment of Virtue in Medieval and Early Modern Poetry
Kelley Kennedy, Economics & English - Junior
Dr. Holly Crocker, English Language and Literature

Second place  Contagion and Civil War in Latin Literature
Olivia Garrett, Classics & Comparative Literature
Dr. Hunter Gardner, Languages, Literatures, and Cultures

Honorable Mention  Silverado Summer: Exploration and Edification across The United States
Nicholas Nalbone, Chemical Engineering - Senior

Mid-day Poster Presentations: Biology A
First place  Measuring the effectiveness of anti-HIV tat siRNAs on HIV replication and gene expression
Emily Webb, Biology - Senior; USC Aiken
Dr. William Jackson, Biology/Geology; USC Aiken

Second place  HIV-1 dependent bicistronic expression of LucR and eGFP from a lentiviral vector
Natalie Arthur, Biology - Junior; USC Aiken
Dr. William Jackson, Biology/Geology; USC Aiken

Honorable Mention  Visual processing centers of scallops: structural characterization and comparison to mushroom bodies
Luke Havens, Biological Sciences & Neuroscience - Senior
Dr. Daniel Speiser, Biological Sciences

Mid-day Poster Presentations: Biology B
First place  Forecasting shellfish mortality from salinity stress
Phillip Key, Biological Sciences - Junior
Dr. David Wethey, Biological Sciences

Second place-Tie  Ligating the mef2ca gene and associated regulatory sequence in the pTARBAC2.1 vector to drive EGFP
Kenneth Glenn, Biology - Junior; USC Aiken
Dr. April DeLaurier, Biology/Geology; USC Aiken

Second place-Tie  Testing the Boundaries of the Optomotor Response in Daphnia
Campbell Hathaway, Biological Sciences & Business Administration - Senior
Dr. Jeff Dudycha, Biological Sciences

Mid-day Poster Presentations: Biomedical Sciences
First place  The Role of COX-2 in Nrf2 Activation
Kevin Field, Biological Sciences - Sophomore
Dr. Minsub Shim, Biological Sciences

Second place  Functional Characterization of the RAD51D Ovarian Cancer Susceptibility Gene
Michael Marone, Biological Sciences & Chemistry - Junior
Dr. Douglas Pittman, Drug Discovery and Biomedical Sciences

Honorable Mention  Metformin inhibits the growth of tumors generated from human neuroblastoma stem cells
Alexander Gex, Exercise Science
Dr. Ugra Singh, Pathology Microbiology and Immunology

Mid-day Poster Presentations: Engineering, Computing, and Math
First place  The use of remote telepresence in collegiate classrooms to facilitate eLearning
Omar Ansari, Computer Science - Senior
Dr. Jenay Beer, Computer Science and Engineering
Effect of Imperfect vaccine and behavior change due to the symptoms on the spread of influenza

Trong Duc Le, Computational Science - Senior; USC Beaufort
Carlos Romero, Computational Science & Spanish - Senior; USC Beaufort
Dr. Kasia Pawelek, Mathematics; USC Beaufort

Mid-day Poster Presentations: Environmental Sciences A

First place
Investigating the metabolic rates of Florida and gulf stone crabs, Menippe spp.
Eric Hancock, Marine Science & Music - Senior
Dr. Blaine Griffen, Biological Sciences

Second place
Are Polyandry and Female Nesting History Correlated in Hawksbill Sea Turtles?
Danielle Gibbes, Biological Sciences & Criminology and Criminal Justice - Senior
Dr. Joseph Quattro, Biological Sciences
Ms. Kathryn Levesseur, Biological Sciences

Honorable Mention
Organic Geochemical Variability of Dark Snow on Two Alaskan Glacier Surfaces
Alexandra Holland, Geological Sciences & Marine Science - Senior
Dr. Lori Ziolkowski, Earth and Ocean Sciences

Mid-day Poster Presentations: Environmental Sciences B

First place
The Exxon 564-1 Well: Implications of Continental Crystalline Basement on the Florida Shelf
Justin Holliday, Geophysics & Mathematics - Senior
Dr. James Knapp, Earth and Ocean Sciences

Second place
Does Vegetation Enhance Sulfide Production in an Experimental Wetland System?
Kendell Woods, Biology - Senior; USC Aiken
Dr. Michele Harmon, Biology/Geology; USC Aiken

Honorable Mention
Toxicological Assessment of Spilled oil and Applied Chemical Dispersants in Coastal Estuaries
Bradford Law, Environmental Science - Senior
Dr. Geoff Scott, Environmental Health Sciences

Mid-day Poster Presentations: Psychology and Neuroscience A

First place
Sex moderates neurocognition in a preclinical model of HAND
Madison Gassmann, Biological Sciences & Neuroscience - Senior
Ms. Kristen McLaurin, Psychology
Dr. Rosemarie Booze, Psychology
Dr. Charles Mactutus, Psychology

Second place
Is impaired repetition ability following left hemisphere stroke speech specific?
Sarah Beth Bradford, Exercise Science - Senior
Dr. Julius Fridriksson, Communication Sciences and Disorders
Dr. Gregory Hickok, University of California Irvine, Cognitive Sciences
Ms. Alexandra Basilakos, Communication Sciences and Disorders
Ms. Lorelei Phillip, Communication Sciences and Disorders

Mid-day Poster Presentations: Psychology and Neuroscience B

First place
Investigating Joint Attention in Infants with Fragile X Syndrome and Infants at Risk for Autism Spectrum Disorder
Christina Harkins, Psychology & Neuroscience - Senior
Lynn Schutte, Public Relations & Psychology - Sophomore
Ms. Shannon O’Connor, Psychology

Second place
Progressive deficits in sustained attention in the HIV-1 transgenic (Tg) rat as a model for HIV-1 associated neurocognitive disorders (HAND)
Abigail Lafond, Psychology & Finance - Junior
Dr. Charles Mactutus, Psychology
Dr. Rosemarie Booze, Psychology
Ms. Kristen McLaurin, Psychology
Mid-day Poster Presentations: Public Health A
First place  A Geospatial and Qualitative Examination of USC’s Tobacco-Free Campus Policy
Sarah Powell, Public Health - Senior
Dr. Jan Eberth, Epidemiology and Biostatistics

Second place  Teaching Tummy Time to Latino Expectant Parents
Alexandra Nitsos, Nursing - Senior
Dr. Robin Estrada, Nursing

Mid-day Poster Presentations: Public Health B
First place  Health Information Exchanges: Single vendor vs. multi-vendors relationship with patient information sharing outside of a hospital system
Afiya Callahan, Information Management and Systems - Senior; USC Upstate
Dr. Deshia Leonhirth, Informatics; USC Upstate

Second place  Streamlining MSL Flow to Enhance Nurse and Patient Experience
Anna Tuten, Management Science & International Business - Senior

Mid-day Poster Presentations: Social Sciences
First place  Exploring the Fair Trade Coffee Industry: Ethnography of Coffee Roasters in South Carolina
Joy Barlow, International Business & Spanish - Senior
Dr. Alice Leri, International Business

Second place  A Historical and Geographical Look at Columbia’s Homeless
Rachel Smith, International Studies & Geography - Senior
Dr. Bret Kloos, Psychology

Honorable Mention  Starbucks Advertising and Gender Ideology
Haley Hughes, Marketing & Sociology - Junior
Dr. David Crockett, Marketing

Honorable Mention  Study of Current and Future Trends In Wedding Tourism
Kaitlyn Johnson, Tourism Management - Senior
Dr. David Cardenas, Hotel, Restaurant, and Tourism Management

Mid-day Poster Presentations: USC Connect Showcase A
First place  Finding Strength Through Advocacy
Olivia Hassler, Criminal Justice & Women’s and Gender Studies - Senior

Second place  Community Service Ambassador at Harvest Hope Food Bank
Megan Galloway, Public Health - Senior

Mid-day Poster Presentations: USC Connect Showcase B
First place-Tie  Empathy in Leadership
Alexis Charles, Public Health & Chemistry - Senior
Prof. Stuart Hunter, University 101

First place-Tie  Pursuit of Passions
Aimee Gallert, Middle Level Education & Political Science - Senior
Mr. Gavin Weiser, Multicultural Student Affairs

Second place  Connecting the Dots: 3 Years as a Student Staff member
Dominique Francis, Exercise Science - Senior

Honorable Mention  Practice over Theory: Learning from Experience
Joseph McCann, Management Science & Finance - Senior
Mid-day Poster Presentations: USC Connect Showcase C
First place Finding Strength Through Service
Jessica Scheets, Public Health - Senior
Dr. Aimee Carter, Career Center

Mid-day Poster Presentations: USC Connect Showcase D
First place A Book of Many Pages
Olivia Barthel, Management Science & Management - Senior

Second place-Tie From Passion to Profession: Group Exercise
Rebecca Bruffey, Exercise Science - Senior

Second place-Tie Service, Leadership, and Public Health – How Community Service Outside the Classroom Can Foster Understanding Within the Classroom
Amanda Collins, Public Health - Senior

Mid-day Poster Presentations: USC Connect Showcase E
First place Graduation with Leadership Distinction: Service as a Gateway to Community Learning
Morgan Lundy, English & History - Senior

Second place Internship With the National Organization for Women
Maxine Todd, Political Science & Women’s and Gender Studies - Senior
Congratulations to our 2016 Award Winners!

~ Afternoon Oral Presentations ~

Afternoon Oral Presentations: Social Sciences A  

First place  
Blogging about Alzheimer’s disease: A way for caregivers to be heard  
*Shreya Mehta*, Public Health - Freshman  
Dr. Daniela Friedman, Health Promotion Education and Behavior

Second place  
I Got a Home: Place and Tradition in Upstate, SC Blues  
*Samuel Forst*, Anthropology & Music - Senior  
Prof. Saddler Taylor, McKissick Museum

Afternoon Oral Presentations: Social Sciences B  

First place  
Irish Activism & The Relative Success of Same-Sex Marriage Campaigns  
*Kaitlin McClamrock*, Political Science & Women’s and Gender Studies - Junior  
Dr. Ed Madden, English Language and Literature

Second place  
Republicans, Radicalization, and Russian Expansionism: Using History and Cultural Insights to inform Intelligent Security Policy  
*Sarah Barth*, European Studies & French - Senior

Afternoon Oral Presentations: STEM A  

First place  
Molecular Modeling of Lamellar to Inverse Hexagonal Phase Transition in DOPE-DOPC Lipid Systems  
*Katherine Driscoll*, Physics & Mathematics - Senior  
Dr. Mark Uline, Chemical Engineering

Second place  
Neural precursor cell proliferation in response to apoptotic targets for phagocytosis  
*Elizabeth Crummy*, Biomedical Engineering & Neuroscience - Senior  
Dr. Bruce Carter and Mr. Francis Hickman, Vanderbilt University  Neuroscience

Honorable Mention  
Characterizing the mechanism of replicative transposition of the MITE mPing  
*David Gilbert*, Biology - Senior; USC Aiken  
Dr. C. Nathan Hancock, Biology/Geology; USC Aiken

Afternoon Oral Presentations: STEM B  

First place  
Determining the functional nucleotides of a hyperactive transposable element.  
*Daymond Parrilla*, Biology - Senior; USC Aiken  
Dr. C. Nathan Hancock, Biology/Geology; USC Aiken

Second place  
Regulation of feeding behavior: a new role for the raphe nuclei  
*Cora Petyak*, Biological Sciences & Neuroscience - Senior  
Dr. Claudia A. Grillo, Pharmacology, Physiology and Neuroscience
Afternoon Oral Presentations: USC Connect Showcase A
First place  Shedding Light into the Impact of Community Service  
Rose Mary Wilson, Biological Sciences & Chemistry - Senior

Second place  Running Free and Fearlessly into the Future: finding meaning  
Kensey Stephens, Early Childhood Education - Sophomore; USC Sumter  
Prof. Anna Oswald-Hensley, Registrar’s Office; USC Sumter

Afternoon Oral Presentations: USC Connect Showcase B
First place  Knowledge Gained from Experiencing the World  
Cassady Cohick, Political Science & French - Senior   
Ms. Moryah Jackson, Diversity & Inclusion

Second place  The Big Payback  
Ontonio Grant, Management Science - Sophomore; USC Sumter  
Prof. Anna Oswald-Hensley, Registrar’s Office; USC Sumter

Afternoon Oral Presentations: USC Connect Showcase C
First place  Advancing in Athletic Training  
Christopher Turner, Athletic Training - Senior

Second place  RM on Duty- This is Kelsey  
Kelsey Cornman, Exercise Science & Psychology - Senior

Afternoon Oral Presentations: USC Connect Showcase D
First place  Teaching the Whole Child: On Valuing Students  
Tayler Flowers, Early Childhood Education - Senior

Second place  “Adults Are Only Kids Grown Up, Anyway” – Exploring Connections between the Classroom and Professional Life  
Taylor Yarnal, Early Childhood Education - Senior

Afternoon Oral Presentations: USC Connect Showcase E
First place  Global Growth  
Sowmya Pelluru, Business Administration - Senior

Second place  Promoting Overall Wellness & Discovering Purpose  
Toby Tyler, Public Health & Psychology - Senior
Afternoon Poster Presentations: Biology A
First place  Using CRISPR/Cas9 to study the role of zmym2 and zmym3 in zebrafish craniofacial development
Kasey Kreutz, Biology; USC Aiken
Dr. April DeLaurier, Biology/Geology; USC Aiken

Second place  The role of Ping’s ORF1 repetitive sequence on mPing transposition
Lisette Payero, Biology - Sophomore; USC Aiken
Dr. C. Nathan Hancock, Biology/Geology; USC Aiken

Afternoon Poster Presentations: Biology B
First place  Understanding the function of components of PHF21A complex using CRISPR/Cas9
Frances Loyo-Rosado, Biology - Junior; USC Aiken
Dr. April DeLaurier, Biology/Geology; USC Aiken

Second place  Determining the Role of Terminal Inverted Repeats in Transposition of mPing
Jazmine Benjamin, Biology - Junior; USC Aiken
Dr. C. Nathan Hancock, Biology/Geology; USC Aiken

Honorable Mention  Effects of radioactive contamination in Chernobyl, Ukraine and Fukushima, Japan on the developmental instability of butterfly species
Kaitlyn Bretz, Environmental Science & Anthropology - Junior
Dr. Tim Mousseau, Biological Sciences

Afternoon Poster Presentations: Biomedical Sciences
First place  Immunomodulatory Polymer Implants for the Treatment of Colon Cancer
Heather Struckman, Biomedical Engineering - Sophomore
Dr. Michael Gower, Chemical Engineering

Second place  Effect of Key Polyphenol Functional Groups on Oligomer Formation in Alzheimer’s Disease
Ryan Geiser, Biomedical Engineering & Chemistry - Junior
Dr. Melissa Moss, Chemical Engineering

Afternoon Poster Presentations: Chemistry and Physics
First place  Investigating mutagenic forms of P450 BS-beta for biofuel application
Cooper Rutland, Biochemistry and Molecular Biology & Physics - Senior
Dr. Thomas Makris, Chemistry and Biochemistry

Second place  Synthesis and Applications of Mesoporous Lactide Block Copolymer Templates
Jefferson Langston, Chemistry - Senior
Dr. Morgan Stefik, Chemistry and Biochemistry

Afternoon Poster Presentations: Engineering, Computing, and Math
First place  Enhancing Interactor Experience in the Ward One App
Steven Dao, Computer Science & Mathematics - Junior
Austin Pahl, Computer Science & Mathematics - Junior
Dr. Duncan Buell, Computer Science and Engineering
Dr. Heidi Cooley, Film and Media Studies

Second place  Mathematical Model to Estimate Underreporting and Asymptomatic Visceral Leishmaniasis Cases in Bihar, India
Austin Mishoe, Computational Science - Senior; USC Beaufort
Dr. Swati DebRoy, Mathematics; USC Beaufort

Honorable Mention  Correlating a Smart Soccer Ball’s Impact Acceleration to Impact Force
Theodore Stone, Computer Engineering - Junior
Nathaniel Stone, Computer Engineering - Junior
Dr. Srihari Nelakuditi, Computer Science and Engineering
**Afternoon Poster Presentations: Environmental Sciences**

**First place**  
The effects of various species of macroalgae on the growth, survival, and toxicity of Karenia brevis  
*Kayla Gardner*, Marine Science & Chemistry - Sophomore  
Dr. Tammi Richardson, Biological Sciences

**Second place**  
Using Antibiotic Resistance Analysis to Identify Fecal Pollution Sources in Sand River  
*Arnisha Atkinson*, Biology - Senior; USC Aiken  
Dr. Michele Harmon, Biology/Geology; USC Aiken

**Honorable Mention**  
The Canadian High Plains (as seen through the eyes of a zircon)  
*Carsyn Ames*, Geological Sciences & Environmental Studies - Senior  
Dr. Andrew Leier, Earth and Ocean Sciences

**Afternoon Poster Presentations: Exercise Science and Physical Education**

**First place**  
Association of Sleep Behavior to Physical Activity and BMI in 9th and 10th Grade Students  
*Lina Davda*, Exercise Science & Chemistry - Senior  
Dr. Kerry McIver, Exercise Science

**Second place-Tie**  
Body Composition Among Male College Students Based on Physical Activity  
*Savannah Bailey*, Exercise Science - Junior  
Dr. Sarah Sellhorst, Exercise Science; USC Lancaster

**Second place-Tie**  
Impact of Social Support on Physical Activity in College-Age Students  
*Ashley Garris*, Organizational Leadership - Junior; USC Lancaster  
Dr. Sarah Sellhorst, Exercise Science; USC Lancaster  
Dr. Elizabeth Easley, Exercise Science; USC Lancaster

**Afternoon Poster Presentations: Psychology and Neuroscience A**

**First place**  
The Perceptual Processing of Degraded Sentences: Interrupted Speech and Text  
*Irraj Iftikhar*, Biological Sciences & Psychology - Junior  
Dr. Daniel Fogerty, Communication Sciences and Disorders

**Second place**  
Joint Attention Gaze Shifts and Gesture Use as Indicators of Autism in High-Risk Infant Populations  
*Alexis Brewe*, Psychology & Criminal Justice - Senior  
Dr. Jane Roberts, Psychology  
Ms. Debra Reisinger, Psychology

**Afternoon Poster Presentations: Psychology and Neuroscience B**

**First place**  
Identifying which subcellular compartments in the brain express PDE9A and how expression changes with age  
*Neema Patel*, Biochemistry and Molecular Biology - Junior  
Dr. Michy Kelly, Pharmacology, Physiology and Neuroscience

**Second place**  
Anxiety, the Master of Misperception: The Effects of Social Anxiety on Perceived Attraction  
*Madison Goretoy*, Psychology - Senior; USC Upstate  
Dr. Susan Ruppel, Psychology; USC Upstate

**Afternoon Poster Presentations: Public Health A**

**First place**  
Infant feeding choices of Young African American mothers  
*Jennifer Beecroft*, Nursing - Senior  
Dr. Tisha Felder, Nursing  
Dr. Joy Rivers, Nursing
Second place  Evaluating synchronous distance education impact on academic performance in a multi-campus Doctor of Pharmacy program
Jillian Hayes, Pharmacy
Elizabeth Rogers, Pharmacy
Dr. Brandon Bookstaver, Clinical Pharmacy and Outcomes Sciences
Dr. Kelly Ragucci, Clinical Pharmacy and Outcomes Sciences; MUSC
Dr. Wayne Buff, Clinical Pharmacy and Outcomes Sciences
Dr. Betsy Blake, Clinical Pharmacy and Outcomes Sciences
Dr. Kevin Lu, Clinical Pharmacy and Outcomes Sciences
Dr. Phillip Mohorn, Clinical Pharmacy and Outcomes Sciences

Afternoon Poster Presentations: Public Health B
First place  Disclosure of Sexual Identity and Health Outcomes
Chelsea Slippy, Public Health - Junior
Dr. Mindi Spencer, Health Promotion Education and Behavior

Second place  Initiation of a Treatment Switch from a Multiple-Tablet ART Regimen to a Single-Tablet ART Regimen in A Non-Adherent HIV Population
Sarah Lewter, Pharmacy & Public Health
Dr. Scott Sutton, Clinical Pharmacy and Outcomes Sciences

Honorable Mention  Learning to Survive, Surviving to Learn: Veterans Battling Mental Illness... In the Kitchen
Ashini Desai, Exercise Science - Junior
Dr. James Hebert, Epidemiology and Biostatistics

Honorable Mention  Epidemiological model for influenza infection with antiviral therapy and parameters based on within-host dynamics
Sarah Tobin, Biology & Spanish - Junior; USC Beaufort
Dr. Kasia Pawelek, Mathematics; USC Beaufort

Afternoon Poster Presentations: Social Sciences A
First place  Explaining Positive and Negative Sentiment Regarding Political Candidates on Twitter
London Bennett, Political Science & Journalism and Mass Communications - Sophomore
Dr. Amir Karami, Library and Information Science

Second place  An Analysis of the Triple P: Positive Parenting Program
Megan O’Brien, Biological Sciences & Psychology - Junior
Ms. Rachal Hatton, Social Work

Afternoon Poster Presentations: Social Sciences B
First place  Can We Make Progress with Progression?: Analyzing the Traditional BSN Upper Division Application Process
Georgia Heckel, Nursing - Junior
Dr. Karen Worthy, Nursing
Dr. Joynelle Rivers, Nursing

Second place  The Impact of Gender Stereotypes on Children’s Scientific Inquiry Processes and Attitudes Toward STEM Toys
Kelly Gross, Public Health & Spanish - Junior
Tina Monzavi, Chemistry - Sophomore
Courtney Wyche, Psychology - Sophomore
Victoria Rizzardi, Psychology
Katelyn Hanshaw, Psychology & Sociology - Junior
Dr. Kelly Lynn Mulvey, Educational Studies
Dr. Bridget Miller, Instruction and Teacher Education

Honorable Mention  Measuring Attitudinal Change in a Motivational Program: Reading Orienteering Club
Collytte Cederstrom, Psychology - Freshman; USC Aiken
Dr. William Harpine, Communications; USC Aiken
Afternoon Poster Presentations: USC Connect Showcase A

First place  Garden Club: The New Reduce, Reuse, Recycle in Sustainability Education
Emma Dion, Pharmacy - Sophomore
Caroline Smith, Environmental Science & Education, General - Senior
Akilah Alwan, Environmental Studies & Marine Science - Freshman
Zoe Dale, International Studies & Environmental Studies - Junior
Ms. Hayley Efland, Office of Sustainability

Second place-Tie  GLD Professional and Civic Engagement: From One Leadership Experience to Another
Adalee Hoffman, Biochemistry and Molecular Biology - Senior

Second place-Tie  Vision without action is simply a dream
Cameron Kahn, Chemistry - Senior
Mr. Jay Pou, History

Afternoon Poster Presentations: USC Connect Showcase B

First place  South Carolina Autism Society: My Piece of the Puzzle
Meghan Wicker, Public Health - Sophomore
Mr. Luis Sierra, Student Affairs

Second place  Belize Medical Mission Trip
Sabryna Haynes, Biological Sciences & Women's and Gender Studies - Senior

Afternoon Poster Presentations: USC Connect Showcase C

First place  From Peer Leader to Teacher Leader
Chelsea Coleburn, Mathematics - Senior

Second place  Read, Learn, Lead.
Nick Vera, English & Information Science - Senior

Honorable Mention  Serving through Education
Samantha Rudolph, Middle Level Education - Senior
Mr. Gavin Weiser, Multicultural Student Affairs

Afternoon Poster Presentations: USC Connect Showcase D

First place  Empowering Students Through Relevant Learning, Reflection, and Connection
Lindsay Stewart, Middle Level Education - Senior

Second place  A State Government Experience from the Lt. Governor’s Office
Chelsea Baltes, Political Science & International Studies - Senior

Afternoon Poster Presentations: USC Connect Showcase E

First place  Developing a Leader through Greek Life
Jillian Goodtree, Public Relations & Political Science - Senior

Second place  Intramural Sports Impact
Samuel Noblet, Exercise Science & Health Promotion, Education, and Behavior - Senior
Mrs. Lauren Olson, Student Life

Honorable Mention  The Evolution of Self: The Community Service Approach
Jazmin McCrea, Integrated Information Technology - Senior