

PROGRAM SCHEDULE

Tenth Annual SC Upstate Research Symposium

April 18, 2014 – hosted by USC Upstate

7:30-8:40am	Registration (Campus Life Center Lobby) & Poster Set-up (CLC Ballroom)
8:40-8:50	Welcome: Dr. Tom Moore, USC Upstate Chancellor; CLC Ballroom
8:50-9:00	Opening Remarks: Dr. Melissa Pilgrim, Symposium Chair; CLC Ballroom
9:00-9:50	Keynote Address: Dr. Louis Guillette, Medical University of South Carolina; CLC Ballroom
9:50-10:00	<i>Attendees/Presenters Report to Breakout Sessions</i>
10:00-11:15	Breakout Sessions 1, 2, 3, 4

Psychology of the Zombie Apocalypse

Breakout Session 1, 10:00-11:15; Location: Campus Life Center Rm. 310 (Ballroom)

Session Chair: Dr. Tracy Ksiazak

10:00-10:12	Are Zombies Bad For Your Mental Health Too?
	Melanie Waddell
	Converse College
10:15-10:27	Carol Peletier Zombie Survival Guide
	Carmanita Raven Turner
	Converse College
10:30-10:42	<i>The Walking Dead</i> Character Analysis
	Bibiana Loza
	Converse College
10:45-10:57	Shane Walsh's Decisions and Demise
	Stacey Gaskin
	Converse College
11:00-11:12	Survival and Development: The Zombie Apocalypse's Salvation of Daryl Dixon
	Victoria Johnson
	Converse College

History & Political Science

Breakout Session 2, 10:00-11:15; Location: Health Education Complex Rm. 2001

Session Chair: Dr. Cole Cheek

10:00-10:12	Thucydides and the Universal Currency of Power
	Phillip Daniel Wolfe
	Spartanburg Methodist College
10:15-10:27	The Issues Circulating Somalian Piracy
	Marissa Fleming
	Spartanburg Methodist College
10:30-10:42	"She is not that much of a Lady": American Women of the 1920's
	Alyssa Sherrill
	Spartanburg Methodist College

10:45-10:57	Peaceful vs. Non-Peaceful Segregation: An Examination of the Methods of Martin Luther King Jr. and Malcom X in the Civil Rights Movement
	Brady Farnsworth
	Spartanburg Methodist College
11:00-11:12	Jazz Embracing the Civil Rights Movement
	George Manuel and Dr. Cole Cheek
	Spartanburg Methodist College

Chemistry & Physics
Breakout Session 3, 10:00-11:15; Location: Health Education Complex Rm. 2039
Session Chair: Dr. Albert D. Dukes III

10:00-10:12	Temperature Effects on the Morphology of CdSe Nanocrystals
	Albert D. Dukes III, Michael Tanner Cameron, Jordan C. Ashley, and Ralph C. Layland
	Lander University
10:15-10:27	Investigation of the Origin of the Diet Coke and Mentos Reaction
	David E. Gardner, Albert D. Dukes III, and Bhargav R. Patel
	Lander University
10:30-10:42	An Improved Synthesis of an Alkynyl-Bacteriochlorin
	Ryan D. Dolewski, Steve Kerbs, and Dr. Joshua V. Ruppel
	USC Upstate
10:45-10:57	Using FTIR Spectroscopy to Measure Glucose Concentrations
	M. Paige Ouzts and William M. Baker
	Lander University
11:00-11:12	Study of Rocket Atomic Potential for CdTe Semiconductor Compound
	Jung Oh
	Spartanburg Community College

Business & Entrepreneurship
Breakout Session 4, 10:00-11:15; Location: Campus Life Center Rm. 317
Session Chair: Dr. Charles Harrington

10:00-10:12	Culturally Relevant Strategies for Supporting American Indian Entrepreneurship
	Dr. Charles Harrington
	USC Upstate
10:15-10:27	The Economic Impact of Hunting in South Carolina
	Dr. Charles Harrington and Lanise M. Donald
	USC Upstate
10:30-10:42	The Development of a Performing Artist via the Art of Concert Production
	Blake Lewis and Dr. Tricia Oney
	USC Upstate
10:45-10:57	The Critical Impact of Revenue and Cash Flow on a Successful Medical Practice
	Lydia A. Edmonds and Charlotte Houke
	Southern Wesleyan University

11:00-11:12	The IT Access Security Process: Speed of Execution and Customer Satisfaction Kathryn L. Bongard and Charlotte Houke Southern Wesleyan University
11:15-11:25	Coffee Break
11:25-11:35	<i>Attendees/Presenters Report to Breakout Sessions</i>
11:35-12:50	Breakout Sessions 5, 6, 7, 8

Culture & Society

Breakout Session 5, 11:35-12:50; Location: Campus Life Center Rm. 310 (Ballroom)

Session Chair: Dr. Warren J. Bareiss

11:35-11:47	Evil Mothers and Rebellious Daughters: Popular Self-Injury Films Warren J. Bareiss USC Upstate
11:50-12:02	Graffiti Culture as an Emerging Art Movement Kyndell G. Bevis Spartanburg Methodist College
12:05-12:17	Effects of Competitive and Cooperative Violent Game Play on Aggressive Behavior Gordon Overholtzer Southern Wesleyan University
12:20-12:32	The Effects of Essentialist Labels on Beliefs About Moral Conversion Brenna Byler Converse College
12:35-12:47	Jurors' Judgments About Recanted Confessions Dr. Dawn McQuiston, Tara Gough, Ross Hill, Meghan Holland, and Chuck Lehmmuller Wofford College

Literature

Breakout Session 6, 11:35-12:50; Location: Health Education Complex Rm. 2001

Session Chair: Dr. Colleen C. O'Brien

11:35-11:47	A Return to the Living Thomas McConnell USC Upstate
11:50-12:02	Concepts of Agrarian Freedom in the Americas Colleen C. O'Brien USC Upstate
12:05-12:17	La Transformation de la Femme Migrante; du corps enfermée à l'esprit libre. À partir d'Inch'allah Dimanche de Yamina Benguigui. Xinyi Tan USC Upstate

12:20-12:32	When Reality is Stranger than Fiction: To Kill a Mockingbird, Race, and the Scottsboro Boys
	Leah Meahl, Dr. Cole Cheek, and Dr. Jonathan Sedberry
	Spartanburg Methodist College
12:35-12:47	The Psychological Effects of Feminine Beauty in <i>A Streetcar Named Desire</i>
	Paul Adams
	USC Upstate

Biology I

Breakout Session 7, 11:35-12:50; Location: Health Education Complex Rm. 2039

Session Chair: Dr. John Hart

11:35-11:47	Estimating Species Richness and Relative Abundance of Ticks in the Upstate of South Carolina for the Purpose of Assessing the Risk of Human Tick-borne Disease
	Jonathan Williams and Dr. Rocky Nation
	Southern Wesleyan University
11:50-12:02	Small Mammal Community Structure within Urban Greenways
	Samantha L. Poarch, Joseph M. Morrissey, Theodore Khleborod, and Dr. Jonathan J. Storm
	USC Upstate
12:05-12:17	Determining the Cuticular Hydrocarbons Involved in Chemosensory Systems of the Parasitoid Wasp, <i>Dasymutilla occidentalis</i>
	Deep B. Sangani, Bradley A. Vaughn, John F. Moeller, Caleb A. Arrington
	Wofford College
12:20-12:32	Petals Abscise Earlier Under Hot, Dry Conditions for <i>Linum rigidum</i>, a Dry Prairie Species
	Miranda N. Dey, Caleb W. Phillips, and Dr. Benjamin R. Montgomery
	USC Upstate
12:35-12:47	Comparison of Resting Pulse Rates in Chiropractic Students vs. the General Population
	John Hart
	Sherman College of Chiropractic

Linking Pedagogy with Student Outcomes

Breakout Session 8, 11:35-12:50; Location: Campus Life Center Rm. 317

Session Chair: Dr. Holly Pae

11:35-11:47	A Comparison of Student Performance Between Lower-Division and Upper-Division Business Courses in Online vs. Traditional Delivery Methods
	T. Brian Smith and Dr. Rosalind C. Paige
	USC Upstate
11:50-12:02	Results from Mathematics Development Course Redesign
	Stephen H. Fast and Christian D. Mineo
	Limestone College
12:05-12:17	Multi-User-Virtual Environments Enhances Student Learning
	Dr. Darlene Amendolair, Sharon Smith, Catherine B. Talley
	USC Upstate

12:20-12:32	Evaluating Teacher-Training Programs: Do Praxis II Scores and GPAs Predict Teacher Effectiveness?
	Holly Pae
	USC Upstate
12:35-12:47	OPEN
12:50-2:00	Lunch, Campus Life Center Rm. 310 (Ballroom)
2:00-3:00	Poster Session, Campus Life Center, Ballroom
Natural Sciences & Mathematics ↓	Shoreline Change Analysis of Seabrook Island, SC
	Briget C. Doyle and Madelyne R. Adams
	USC Upstate
	Abundance of Carnivorous Mammals in Urban Greenways and Rural Forests
	Joseph M. Morrissey, Samantha L. Poarch, and Jonathan J. Storm
	USC Upstate
	Impact of Nocturnal Temperature Variation on the Calling Activity of <i>Anaxyrus fowleri</i>, <i>Hyla chrysoscelis</i>, and <i>Hyla cinerea</i>
	Jarad P. Cochran, Adrian K.-O. Hayes, Elliott P. Gibbs, and Dr. Melissa Pilgrim
	USC Upstate
	Impact of Eastern Hemlock (<i>Tsuga canadensis</i>) Loss Caused by Hemlock Woolly Adelgid (<i>Adelges tsugae</i>) Infestation on Soil, Stream and Freshwater Macroinvertebrate Ecology
	Tatiana D. Manidis
	Wofford College
	Identification and Characterization of <i>Pythium</i> Species Associated with Cotton Field Soil in South Carolina
	Jasmine Bodison-Frasier and M. Valeria Avanzato
	Coker College
Factors Influencing Seed Germination for <i>Linum rigidum</i> (Yellow Stiff Flax)	
Brittany P. Twitty and Dr. Benjamin Montgomery	
USC Upstate	
Does Loss of Sterol-Sensing Domain Transmembrane Segments Alter the Trc8 Protein's Growth Inhibitory Effects in HEK293 Cells?	
Morgan B. Buckner and Jason P. Lee	
Lander University	
Comparative Study of the Effects of Sweeteners on the Blood Glucose Level and Weight of <i>Rattus norvegicus</i>	
Brianna Miller, Anjali Amalean, and Edna Steele	
Dorman High School and Converse College	
Diseases Affecting Synthesis and Ligand Binding to Hemoglobin	
Megan Wang	
Wofford College	

	Influence of pH on the Removal of Chromium Species Using Lysine Functionalized Magnetic Iron Nanoparticles
	Michael Eaves and Anselm Omoike
	USC Upstate
	Synthesis of Two Dimensionally and One Dimensionally Confined Cadmium Selenide Nanocrystals
	Michael T. Cameron, Albert D. Dukes III, Jordan C. Ashley, and Ralph C. Layland
	Lander University
	Stereotypes About Higher Level of Education
	Megan Banks and Seunggeun Hyun
	USC Upstate
	The Influence of Varying Surface Tension on Tissue Fusion
	Elijah Wright, Jaime Jahuey, and Xinli Wang
	USC Upstate
	Transport of Brownian Particles From a Solid Obstacle at Large Peclet Numbers
	Jaime Jahuey and Xinli Wang
	USC Upstate
<i>Medical Sociology & Healthcare</i> ↓	Factors Influencing a Woman's Decision to Receive Medical Treatment for Infertility
	Kelsey Ward and Calvin Odhiambo
	USC Upstate
	Evaluating Sex Differences in Migraines
	Katherine E. Kay and Calvin Odhiambo
	USC Upstate
	Why Black Women Have Higher Mortality Rates for Breast Cancer Compared to White Women
	Karmen Gaffney and Calvin Odhiambo
	USC Upstate
	The Existence of Implicit Racial Bias in Nursing Faculty
	Dr. Kathleen Fitzsimmons
	USC Upstate
	Decreasing Hemolysis Rates in Emergency Department Patients
	Sanquinette Brownlee and Dr. Lynette M. Gibson
	Mary Black School of Nursing, Greenville Campus
	Variation in Implementation of Electronic Health Record (EHR) Functionalities Across Hospital Characteristics
	Amanda Stevens and Dr. Deshia Leonhirth
	USC Upstate
	Critiquing Fall Assessment Tools
	GraceAnna Baker, LaTonya Simmons, and Dr. Lynette M. Gibson
	Mary Black School of Nursing, Greenville Campus

Psychology ↓	Impact of Presentence Investigation Report Types and Gender on the Sentencing of Offenders
	Brittany Kridle, CeLeasa Conner and Susan Ruppel
	USC Upstate
	The Role of Intent in Deception
	Chase Moery, Kimberly Preusse, and Dr. Scott Meek
	USC Upstate, Georgia Institute of Technology
	Brony Fans vs. Non Fans: Comparing Individual Differences and Beliefs
	Jessica Langley, Jan Griffin, Patrick Edwards, Daniel Chadborn, and Marsha Redden
	USC Upstate
	Finding Meaning Within a Fandom: Not all Fans are Alike
	Talia Rojas, Patrick Edwards, Jan Griffin, Daniel Chadborn, and Marsha Redden
	USC Upstate
Political Science ↓	Presence of Sustainability Indicators in Five South Carolina Cities
	Natalia C. Rosario
	USC Upstate
Nonprofit Business Administration ↓	Sharing Mission Statements Through Story Telling
	Julie Holt, Jessica Kendrick, Marlene Shields, Kate Sortet, Megan Trinkleback, Rebecca Williams, Sarah Williams, Rachael Wilson, and XinXin Zeng
	USC Upstate
3:00-3:10	<i>Attendees/Presenters Report to Breakout Sessions</i>
3:10-4:10	Breakout Sessions 9, 10, 11, 12
Psychology & Sociology of Relationships Breakout Session 9, 3:10-4:10; Location: Campus Life Center Rm. 310 (Ballroom) <i>Session Chair: Dr. Clifton P. Flynn</i>	
3:10-3:22	Escalated Exposure: First Impressions of Personality and Trust Judgments
	Stacey M. Olson, Dr. Andrew Beer, and Caitlin Chaney
	USC Upstate
3:25-3:37	A Home Away from Home: The Benefits of Assisted Living Facilities
	Alyssa M. Sherrill
	Spartanburg Methodist College
3:40-3:52	Divorce, Parental Conflict and Adult Children's Relationship Attitudes: Examining the Connection
	Brittany Eversole, Clifton P. Flynn, and Laura Jennings
	USC Upstate
3:55-4:07	OPEN

Linguistics

Breakout Session 10, 3:10-4:10; Location: Health Education Complex Rm. 2001

Session Chair: Dr. David Marlow

3:10-3:22	Teachin' Good: Dialects in Education & Life
	Dr. David Marlow
	USC Upstate
3:25-3:37	Language in the Classroom: An Observation
	Jonathan Griffin and Dr. David Marlow
	USC Upstate
3:40-3:52	Sorry, I Must Dash: On the Use of Punctuation in <i>Harry Potter and the Sorcerer's Stone</i>
	Yvonne Kao and Dr. David Marlow
	USC Upstate
3:55-4:07	OPEN

Biology II

Breakout Session 11, 3:10-4:10; Location: Health Education Complex Rm. 2039

Session Chair: Dr. Ginny Webb

3:10-3:22	Anticancer Effects of Blueberry and Pomegranate Extracts on the AGS Gastric Adenocarcinoma Cell Line
	Daniel'le Devoss, Kianna Moss, and Dr. Kathy Romero
	Greenville Technical College
3:25-3:37	The Effect of Antifungal Drugs on Antiphagocytic Protein 1, a Virulence Factor of <i>Cryptococcus neoformans</i>
	Cody Orr and Ginny Webb
	USC Upstate
3:40-3:52	Identification of Local Plants Using DNA Barcodes
	Deniz Doğan
	Greenville Technical College
3:55-4:07	OPEN

Informatics

Breakout Session 12, 3:10-4:10; Location: Campus Life Center Rm. 317

Session Chair: Dr. Deshia Leonhirth

3:10-3:22	Action Rules Discovery of Lowest Cost
	Angelina A. Tzacheva
	USC Upstate
3:25-3:37	Modeling Innovation with BACUP
	Ron Fulbright
	USC Upstate
3:40-3:52	Incorporating Disruptive and Incremental I-TRIZ Innovation into Six Sigma
	Ron Fulbright and Keith Hansen
	USC Upstate

3:55-4:07	OPEN
4:20-5:20	Fireside Social and Award Ceremony, Roël Pavilion
5:20-6:20pm	Poster Breakdown & Distribution of Reviews, CLC Ballroom