

# Southern Regional Honors Council

44th Annual Conference

## The Magic of Honors

DoubleTree by Hilton at the Entrance of Universal  
March 31-April 2, 2016  
Orlando, FL

Hosted By  
University of West Florida  
Kugelman Honors Program



Kugelman Honors Program

# Southern Regional Honors Council

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Student Ethan Sanford (2015-2016)  
University of North Carolina at  
Pembroke

Student Chandler Williams (2015-2016)  
Miles College

# Conference At A Glance

## Thursday, March 31, 2016

11:00am-5:00pm Registration  
12:30pm-1:30pm SRHC Committee Meeting  
1:00pm-2:00pm Student Moderator Meeting  
2:30pm-3:30pm Session A  
3:45pm-4:45pm Session B  
5:00pm-5:30pm Meet and walk to Universal  
5:30pm-10:00pm Universal Islands of Adventures

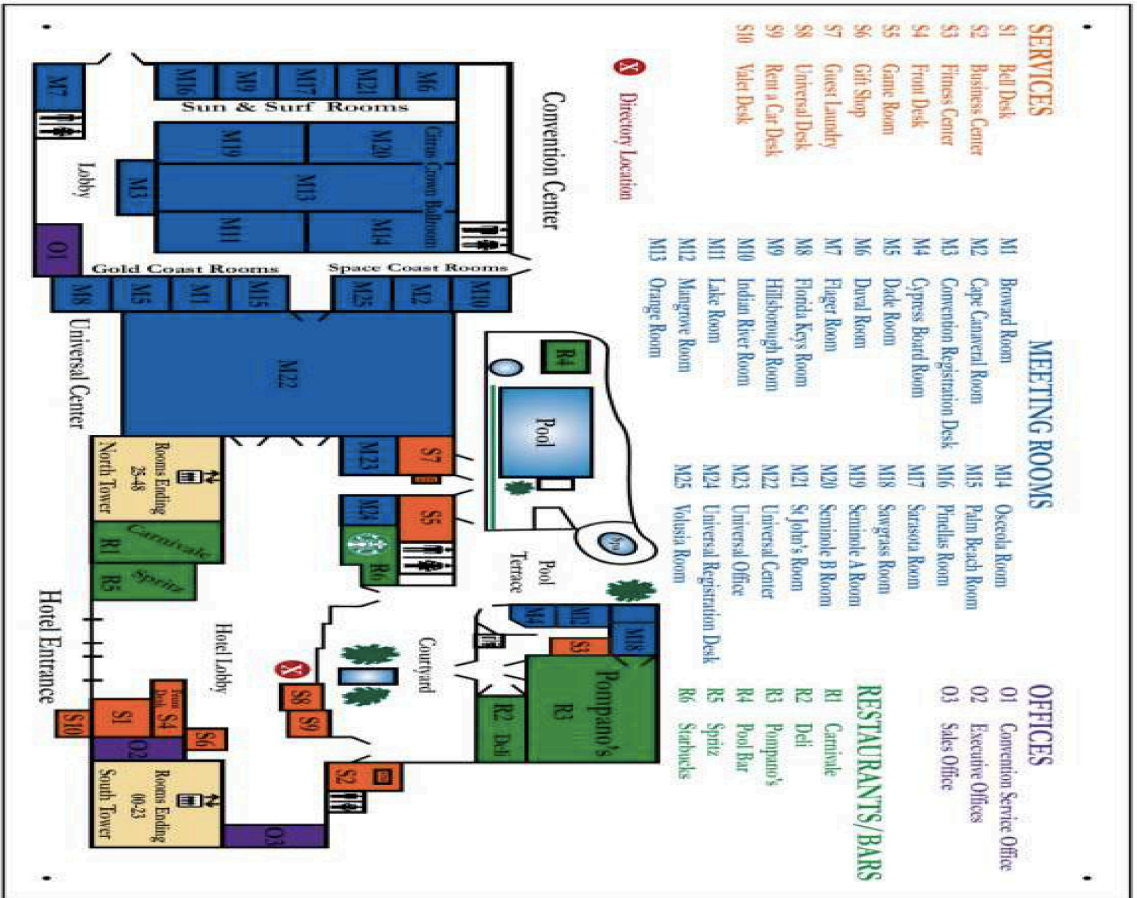
## Friday, April 1, 2016

7:00am-4:00pm Registration  
7:30am-8:30am Breakfast  
8:30am-9:30am Session C  
9:45am-10:45am Session D  
11:00am-12:00pm Session E  
12:15pm-1:45pm Lunch & Keynote  
2:00pm-3:00pm Session F  
3:15pm-4:15pm Session G (Posters and Art)  
4:30pm-5:30pm SRHC General Business Meeting  
5:30pm Dinner on your own

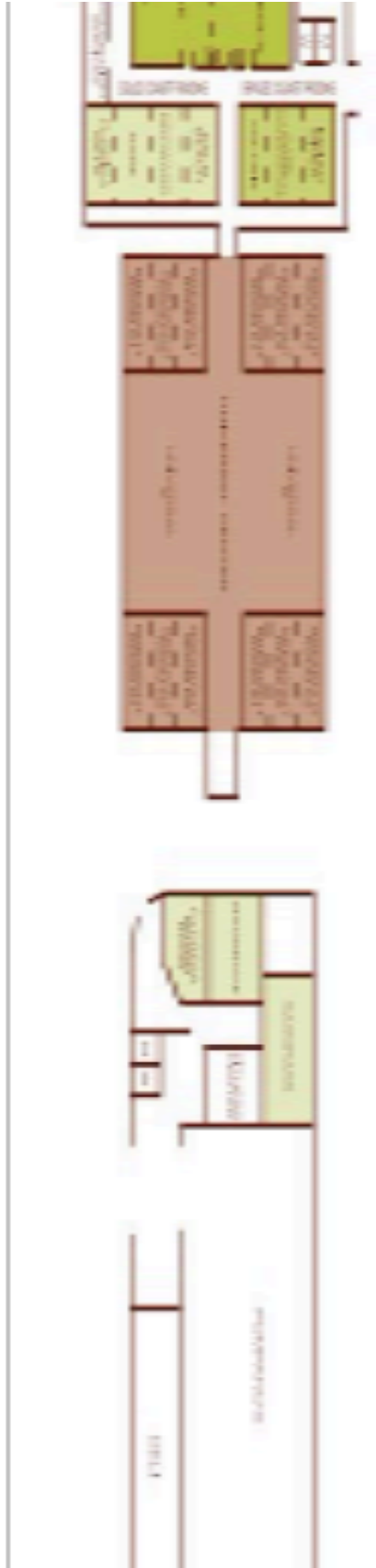
## Saturday, April 2, 2016

7:30am-8:30am Breakfast  
8:30am-9:30am Session H  
9:45am-10:45am Session I  
11:00am-12:00pm Session J  
12:15pm-1:45pm SRHC Executive Committee Meeting

# First Floor



# Conference Rooms on First Floor



## General Conference Information

Welcome to Orlando!

Orlando has charmed its way as the location for the Southern Regional Honors Council Annual Conference and we hope you have an enchanting time! This year's theme, The Magic of Honors, reminds us how honors education is wonderfully spellbinding and magical. We hope you leave here bewitched with ideas and knowledge to take back to your institutions. Honors isn't only focused on education- in the words of Hermione Granger, "Books! And cleverness! There are more important things-friendship and bravery!" We hope you take the time to bond with your "housemates" and brave the rides at Islands of Adventure. Just remember to stick together as you explore the area. "The very best to you! Now to our new students, welcome, to our old students, welcome back! Another year of magical education awaits you..." -Albus Dumbeldore

### SRHC Houses & House Points

Your house is listed on your badge and you have the opportunity to gain (or lose) points for your house. The SRHC Executive Board and moderators will be awarding the points. Spirit, notable presentations, attendance at sessions, and anything noteworthy will be rewarded, while cell phone usage during sessions or the luncheon, being unprepared for your session, or not attending your session will cause points to be taken away.

"Your triumphs will earn you points, any rule breaking and you will lose points." -Minerva McGonagall

### Administrative Roundtables

The administrative roundtables are designed to allow faculty and administrators the opportunity to discuss an area of administrative concern. The facilitator will introduce the topic and provide some insight based on their own experience. Overall, these sessions will provide structured settings for us to share with one another best practices.

### *Conference Badges*

Conference Badges must be worn to all meals and meetings to participate. Visit the registration center if anyone in your party is missing a nametag. There will be an additional cost for replacements.

### *Conference Etiquette*

Please silence phones while attending conference sessions and give full attention to all presenters. Please refrain from leaving sessions early or arriving late. If you must leave early, please wait until the speaker has finished their presentation.

Please adhere to the strict timetable posted in the conference program. Presenters using PowerPoint should have their presentation on a flash drive and preload their presentation on the host computer **PRIOR TO THE BEGINNING OF THE SESSION**. Any time lost loading and accessing the presentation will be taken from the presenter's speaking time. There will be no internet in the conference breakout rooms; you will not be able to access the internet for your presentations. Moderators should be in every session to make sure presentations run the appropriate length and to moderate the Q&A afterward.

### *SRHC Business Meeting & Elections*

The SRHC Business Meeting will take place on Friday, 4:30-5:30 PM. Elections of students, faculty, and staff to the Executive Council of the SRHC take place at the business meeting as well as the presentation of the SRHC financial report, information about future conferences, other business, and the Roll Call of the States.

### *Poster and Visual Arts Exhibition*

The poster and visual art exhibition will take place during session G, 3:15-4:15 PM, Friday afternoon. Posters and art will be available for viewing, without their authors, on Friday from 8:30 AM until 3:00 PM. Participants must setup between 7:00-8:30 AM on Friday by finding their number in their program and the corresponding easel number.

# Keynote Speaker



Carissa Baker is a Professor at Seminole State College of Florida, where she teaches literature, writing, a Disney-focused humanities course, and interdisciplinary Honors courses. She is also the Director of the College's campus-wide reading initiative.

Her Bachelor's and Master's degrees are in English with a Literature emphasis. Carissa is a doctoral student in the Texts and Technology program at the University of Central Florida.

Her current research involves ways in which theme parks tell stories and the types of narratives they use or create. Last semester, she was invited to NHTV University in the Netherlands to speak on the transmedia world of Harry Potter and the cultural considerations in theme park attraction design.

This term, she will be presenting on theme park stories at the International Conference on the Fantastic in the Arts. She recently published a chapter in a critical anthology examining The Hunger Games trilogy.



# Universal Islands of Adventure

**On the evening of Thursday, March 31, conference attendees will make their way to the Wizarding World of Harry Potter at Universal Islands of Adventure.**

**Please wear your conference t-shirt and comfortable shoes to the park.**

**You will receive your admission ticket prior to the 25-minute walk over to the park. Islands of Adventure closes at 10:00 PM.**

# Thank You

**Planning, preparing, and delivering a conference requires the work of a great many people. The conference organizer would like to take a moment to thank those who have provided invaluable information and answered my never-ending questions.**

**Thank you Jonathan Roberts, Steven Engel, Julie Rosenau, and April Dove for sharing how to plan a conference. Your tips and guidance was greatly appreciated.**

**Special thanks to my house-elves in the Kugelman Honors Program! Your hard work and dedication is admirable. Thank you DL, Greg, Jessica, and Robin for all of the support and help.**

**Thank you student moderators for keeping the sessions on track and awarding House points.**

**Thank you to Embry Riddle, Santa Fe Community College, Valencia College, Broward College, Hillsborough Community College, and University of Central Florida, and Armstrong State University for loaning easels and projectors!**

**Special thanks to Tom Bertram of the University of Central Arkansas for his service as SRHC webmaster. He kindly walked me through the online submission process.**

**Another very special thanks to Phil Frana of James Madison University for patiently answering my countless emails. I'm grateful for his encouragement and assistance through the whole process.**

**Finally, thank you to all of the presenters and attendees! I hope you had a magical time.**

**With sincere gratitude,**

**Jennifer Vallin  
University of West Florida**

# Conference Schedule

Thursday, March 31, 2016

**Registration - 11:00 am–5:00 pm**

**SRHC Committee Meeting - 12:30 pm–1:30 pm**  
**Mangrove**

**Student Moderator Meeting - 1:00 pm–2:00 pm**  
**Volusia**

**Session A - 2:30 pm–3:30 pm**

## Duval

### **Using In-Class Debates to Enhance an Honors Introduction to Psychology Course**

Kaley Powers, Lane Knight, Sara Kuehn, Bethany Panhorst, Jonathan Roberts  
Armstrong State University

Our group presentation will discuss the use of in-class debates in our Honors Psychology course, including the rationale behind the debates, the materials used, and a short mock debate.

## Florida Keys

### **Poisonous Potions, Charming Curses, and the Dark Arts: Harry Potter, Applied Ethics, and the Rhetorico-Magics of Justice**

Jeremy Gordon, Wolff Avalon, Ashley Derr, Juliane Mora, Brandon Schefstad  
University of South Florida

Hogwarts faculty and students present an interactive session that displays how Harry Potter provides an enchanting approach to enlivening ethical theories that guide our rhetorical-magical efforts at crafting justice.

## Dade

### **The Power of Online Reflective Writing Forums in Honors Courses**

Taryn Auerbach, Hannah Broam, Samantha Cely, John Zubizarreta  
Columbia College

Online reflective writing forums are a powerful tool for enhancing students' critical thinking and writing skills while developing habits of critical reflection, collaboration, and self-directed, self-assessing learning.

### Universal Ballroom F3

#### **Politics and Prose: Honors Texts and Contemporary Issues**

Lloyd Chapin, Scott Maxwell, Michelle Kiekenapp Nelson, Andrew O Connell,  
Daryl Osburn, Noel Lake, Yadira Montes, Andrew Latimer, Lora Vineberg  
Eckerd College

This panel will explore the ways that reading great texts empowers honors students to achieve excellence in the world, particularly in the highly charged environment of a political campaign year.

### Universal Ballroom D1

#### **W. E. B. Du Bois and Black Identity**

Rachel Barron, Winston McCormick, Julianna Schock  
Birmingham-Southern College

This panel discusses American Black Identity through the works of W. E. B. Du Bois (1868-1963), a prominent intellectual figure and a leading civil rights activist.

### St. Johns

#### **W.E.B. Du Bois and the Forgotten Voices of the Early Twentieth Century**

Veena Krishnan, Abigail Holt, Kirsten Quinn  
Birmingham-Southern College

This presentation presents black intellectual W.E.B. Du Bois as an advocate for the voiceless by analyzing his writings on the causes of and black participation in WWI, and women's rights.

### Universal Ballroom C1

#### **fattore umano**

Regina Cannon  
University of Tampa

Four black and white pictures captured on a Canon EOS 50D will display the transformative power that compassion and concern can have on both the individual and the invisible.

#### **The Plight of the Bride: Depictions of Marital Rape in Visual Media**

Sierra Moon  
University of Central Arkansas Schedler Honors College

The painting La Primavera and the episode "Unbowed, Unbent, Unbroken," from Game of Thrones depict marital rape and those depictions shape how people think about rape.

## Universal Ballroom C2

### **Critical Approaches to Understanding Edgar Degas' Paintings of Parisian Ballet Dancers**

Stephanie King

Kennesaw State University

Art historians often take a feminist or post-structural approach to interpreting Edgar Degas' paintings of ballet dancers. I will apply each approach to selected works and argue its limits.

### **Zaatari Syrian Refugee Camp: A Case Study in the Power of Documentary Narrative in Visual Media**

Dunya Habash

Birmingham-Southern College

This presentation reflects upon personal experience filming a documentary in Zaatari Syrian Refugee Camp in Jordan.

## Universal Ballroom C3

### **The Search for Wolbachia in Insects on ASU Campus**

Mary Carpenter

Armstrong State University

Insect specimens were collected on Armstrong State University campus and classified into their respective orders. They were then screened for the presence of Wolbachia in an attempt to fight illnesses.

### **The effects of subthreshold exposures to an organophosphate nerve agent on brain structural Integrity**

Dejah Johnson

Augusta University

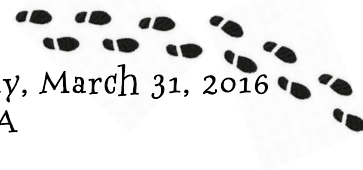
The purpose of this research is to determine whether the organophosphate nerve agent Diisopropylfluorophosphate (DFP), used in chemical warfare, plays a key role in the Gulf War Illness (GWI).

### **Epidermal Growth Factor Mediates D-N-Octylphthalate-Induced Hepatocyte Proliferation**

Shelby Buckner

Augusta University

Di-n-octylphthalate (DNOP), a plastic additive, caused an increase in the expression of epidermal growth factor, egf, and rate of cell proliferation in a normal mouse hepatocyte cell line, AML-12.



## Universal Ballroom D2

### **The Synthesis of Novel Chalcones via the Aldol Condensation Reaction**

Lance Michon Craig

Armstrong State University

This presentation describes the synthesis of various chalcone analogs in a laboratory setting through the use of the aldol condensation reaction between various aromatic aldehydes and ketones.

### **Developing Film in the Kitchen: Alternative Processes for Film Development and the Chemicals Involved**

Lauren Chisholm

Birmingham-Southern College

This paper concentrates on the chemicals involved with traditional film development and alternative processes, illustrating how instant coffee, wine, and vitamin C powder can be used in developing images.

### **On the Efficacy of the Sonogashira Carbon-Coupling Protocol Towards Further Modification of the Polyoxotungstate Anion, [PW12O39(NC6H4-I)]3-**

Shain Johnson

Valdosta State University

A research presentation on the functionalization of polyoxotungstate anions ([PW12O39(NC6H4-I)]3-) that are amenable to further modification by attaching additional organic groups to their aryl rings.

## Universal Ballroom D3

### **An Organic Sunscreen Alternative Extracted from Yeast**

Roberta Spathari, Erin Hoyle

Saint Petersburg College

The purpose of this experiment is to find an effective and safe biological source of sun protection. Pigments from a species of pink yeast were extracted and ultraviolet absorption was determined at different wavelengths. Absorption was found at all wavelengths ranging from 98% to 75% absorption. These compounds can be concentrated in order to increase absorption in order to make an effective, organic based sunscreen.

### **Heterogeneous Catalysis in Microreactors**

Cooper Thome

University of Tennessee at Chattanooga

This study is focused on analyzing the benefits of production of biodiesel fuel through heterogeneous catalysis in microreactors in order to produce a low-cost and sustainable alternative fuel.



## **The Theory of Radioactive Isotopes as Tracers in the Biomedical and Biochemical Field**

Brittney Osborne, Janique Miller

Florida Memorial University

This presentation will focus on the theory of radioactive tracers, how they work, and how they can be applied in the biomedical and biochemical field relating to human health.

### **Universal Ballroom E1**

#### **Creating Play Spaces: Exploring the Use of Space and Place in Play Spaces**

Sophie Cheng

Birmingham-Southern College

Applying the theories she learned from her honors class, Sophie Cheng determines the requirements for an effective children's place space and explains how her former school's playground demonstrates these qualities.

#### **Is it a "Great Big Beautiful Tomorrow" or Today?: A Comparison between Suburbs and Levittowns with E.P.C.O.T. and the 1964-65 World's Fair**

Margaret Ward

Birmingham-Southern College

A common theme found in mid-century suburbs and Levittowns was perfecting living today, while E.P.C.O.T. and the World's Fair focused on changing tomorrow. Both looked to change society but within different time frames.

#### **The Dangers of Overpopulation: Why We Need to Look to the Space for the Answer**

Eric Valdez

Kennesaw State University

Overpopulation is generating increased pollution and resource consumption. Colonizing other worlds may be the only long-term alternative to living on our deteriorating planet and preserving people's basic rights.

### **Universal Ballroom E2**

#### **Bacillus thuringiensis**

Heather Muse

University of Tampa

*Bacillus thuringiensis* is a bacteria that is used as a natural bio-insecticide. It possesses the cry protein and is commonly inserted into the genome of crops.



## **Predicting Grasslands' Response to Drought Using Monocot Leaf Vein Architecture**

Victoria Klimkowski

Virginia State University

Using leaves collected from the Extreme Drought in Grasslands Experiment, this presentation will use unique images of four species of monocots to illustrate their difference from dicots and between species.

## **The Internal Morphology and Strength of Spanish Moss**

Kathleen Tatro

Valdosta State University

Spanish moss is the iconic plant of the antebellum south, but little is known about its internal morphology or the way(s) in which it modifies its strength.

### **Universal Ballroom E3**

## **Practicum Preparedness: How are Social Work Programs in Tennessee Preparing Students for Settings in Domestic Violence and Trauma?**

Melissa Rodas

Southern Adventist University

Domestic violence is a growing epidemic. Social workers are on the frontlines for working with victims of abuse, but how exactly are students being prepared for working in this field?

## **Human Trafficking**

Kristy Kenney

Seminole State College of Florida

When most people hear the words human sex trafficking they think of something they saw in a movie.

## **Using Evidence-Based Practices to Improve Virginia State Standards for Batterer Intervention Programs**

Hayleigh Bostic

Radford University

An investigation of Batterer Intervention Programs (BIPs) resulted in recommendations presented to the Virginia Batterer Intervention Program Certification Board, which will hopefully effect change in the current standards.



## Universal Ballroom F1

### **Bullying: A Danger To The Community**

Altrice Anderson

Miles College

Bullying is a crime that happens every day that mostly goes unpunished. These criminals may not know that their actions lead others to inflict bodily harm upon themselves.

### **Social Media and Cyberbullying**

Morgan Dalton, Cayla Robinson, Dakota Shively

Eastern Kentucky University

This presentation will address social media and its impact on the lives of modern adolescents, particularly in the instances of bullying.

### **Cultural Misappropriation in Modern Day Fashion**

Angela Hervig

Limestone College

Today, cultural misappropriation is expressed in various fashion aspects of societies all over the world.

## Universal Ballroom F2

### **The Relationship Between Crime and Strip Clubs**

Cassidy Fitzpatrick

University of Tampa

This research investigates whether or not higher numbers of strip clubs lead to higher crime rates in counties in Florida.

### **DMST: The Young Victims of Sex Trafficking in Florida**

Kimberly Drake

Saint Petersburg College

Domestic Minor Sex Trafficking is a very real problem in America. The goal of this presentation is to raise awareness and educate the community on how to identify DMST.

### **Restoration of Rights for the Outcasts**

Christina Wolf

Saint Petersburg College

I propose that the State of Florida restore barred rights to first-time felons, with non-violent crimes, immediately upon completion of their sentence

Session B - 3:45 pm–4:45 pm

**Palm Beach**

**A Different Breed of Charismatic Mega Fauna: The Partners in the Parks  
Inaugural Faculty Institute**

David Kime, Linda Frost, Kathleen King, Naomi Yavneh Klos, Stanley Yavneh  
Klos

Northern Kentucky University

The NCHC Partners in the Parks program ran its first Faculty Institute last summer in Rocky Mountain National Park. Come hear about this new and exciting professional development opportunity!

**Florida Keys**

**Stage and Society: Creating Theatre Courses that Challenge Honors  
Students**

Gary Luter

University of Tampa

Theatre courses can challenge students to think critically about how theatre has been, and is currently being, used to advance political and social change. Course creation and implementation is described.

**Wide Shot of History: The Place of Documentary Film in Out-of-the-  
Classroom Learning**

Emily McAndrew, Zeke Starr

University of Tennessee at Chattanooga

Film offers a unique medium to capture time and place. This paper examines the use of student created documentary film as a means of initiating historical inquiry in the classroom.

**Broward**

**Learning Without Borders: The Multi-Campus Classroom**

Jessica Doscher, Elizabeth Brannon

James Madison University

By bringing together honors classes from all over the region, the multi-campus classroom offers not only a unique class style but an unforgettable learning experience for everyone involved.

## Sarasota

### **Contemplative Pedagogy: A Tale of Two Courses**

Belle Zembrodt, Abraham Velez, Matthew Winslow

Northern Kentucky University

In this presentation, faculty members from Eastern Kentucky University and Northern Kentucky University will each describe how contemplative methods are used in one of their honors courses.

## Dade

### **New Answers to an Old Question; Fresh Perspective on Honors Retention**

Kelly Cantrell, William Cutrer, Thomas Velek

Mississippi University for Women

The papers in this panel each examine an aspect of the question of honors retention: enabling student success, recruiting and retaining honors students, and strategies and planning for rethinking retention.

## Universal Ballroom C1

### **The 'Ndrangheta and the Shadow State of Italy**

Brandon Vines

Kennesaw State University

The village of San Luca in Italy's Calabria region is the fortified stronghold of the single most prosperous and formidable criminal organization in Europe: the 'Ndrangheta.

### **Knocking On Death's Door: The Contributions That Influence the Commission of Capital Crime in Tennessee**

Jesse Robinson, Donna Massey

University of Tennessee at Martin

This study explores the possible influences that impact the commission of capital crimes, as well as the current moral, ethical, and legal opinions regarding capital punishment in Tennessee.

### **Dubai's Role in the International Heroin Trade**

Timothy McDaniel

University of North Georgia

Over the past few years, the US has started to experience a heroin epidemic. This presentation will explore the role of Dubai as a transit point for illegal narcotics.

## Universal Ballroom C2

### **The Pitfalls of Retribution: Why the U.S. Needs Prison Rehabilitation**

Hanna Bettner

University of Tampa

This presentation explores the drawbacks of retributive penal philosophies in the United States and proposes alternative methods of incarceration.

### **Solitary Confinement and Constitutional Rights**

Sarah Kirk

University of Tampa

An examination of the application and effects of solitary confinement in US prisons, and a discussion about whether or not this practice violates constitutional rights.

### **Detecting If Someone Is Lying**

Adam Jenkins

The Citadel

Could it be possible and useful to train law enforcement officials to detect liars? The Secret Service, who receives extensive training in this area, have a better than average chance at discerning falsehood from the truth.

## Universal Ballroom C3

### **100 Years of Economic Decline, The Enigma of Argentine Economic Growth**

Robert Sekuloski

Broward College

The Southern Regional Honors Council provides students with the opportunity to share idea and knowledge. My intent is to better explain how interconnected economics and politics are within a country.

### **Analysis of the Operational Efficiency of Attendance Tracking at the Tyson Foods Inc. Glen Allen Poultry Processing Facility**

Zachary King

Radford University

This project analyzes the HR processes used in a poultry processing facility to track employee attendance in terms of the processes' efficiency, and explores alternatives to increase productivity.

### **Medical Tourism- Malaysia**

Anna-Kay Green-Woolcock

Winthrop University

The objective of this research study is to determine the influencing factors that lead residents of the United States to choose hospitals in Malaysia as their medical tourism destination.

### Universal Ballroom D1

#### **The Shadow Rate and its Effect on US Assets and Bank Balance Sheets**

Andrei Irimia

University of Central Florida

What effect has the shadow rate, as presented by Wu and Xia, had on US asset prices and bank balance sheets in the period of 2010-2015?

#### **The Oil Producer's Dilemma: A Game Theoretic Analysis of the Oil Price War Between OPEC and the US**

Kevin Baisden

Northern Virginia Community College

My economic model forecasts the competitive strategies between OPEC and US oil producers, and the fluctuation in oil prices that determine market share and other determinants in the oil industry.

### Universal Ballroom D2

#### **On Bond Percolation in the Infinite Knight Graph**

Kristin Hinson

Winthrop University

Imagine placing a knight (the chess piece) on an infinite chessboard. Now randomly restrict which moves the knight can make from any given square. Can the knight escape to infinity?

#### **Applications of the Euler Phi Function in the Set of Gaussian Integers**

Catrina May

University of North Georgia

An analysis of potential applications of Leonard Euler's Phi-Function within a subset of the Complex Numbers.

#### **Core Fundamentals Learned in Introduction to Statistics and their Application to Research**

Sarah Hall, Don Briggs, Itzel Toro

Chattanooga State Community College

Using skills from our Introduction to Statistics class, a research project aimed at identifying factors affecting students learning was conducted. Differences between college-level and academic-support students were examined.

### Universal Ballroom D3

#### **Dyscalculia**

Jasmine Carter

East Mississippi Community College

This paper seeks to discuss the causes and symptoms of Dyscalculia in early childhood, including a closer look at how the disorder differs between gender and race.

## **Math Standards in Tennessee: The Development and Implementation of Common Core**

Hayley Little

University of Tennessee at Chattanooga

This report explores the history of the Common Core State Standards, particularly in Tennessee, and gives insight into the how the new standards compare to those previously in use.

### **Universal Ballroom E1**

#### **There is No Rhythm to Rain: The Continued Relevance of Chapbooks**

Rachel Burns

Winthrop University

My thesis focuses on two components: an exploration of a resurgent mode of publication, the chapbook, and the application of these findings to a chapbook created with my own work.

#### **The Wandering Spirit of Eliza de Feuillide**

Abby Meert

Armstrong State University

An in-depth analysis of the letters written by Eliza de Feuillide- the obscure and 'outlandish' cousin of renowned novelist, Jane Austen.

#### **Fencing in an Interpretation: An Analysis of the Relationship between August Wilson and Troy Maxson and its Implications on Author Rights**

Caitlin Mozzo

Valdosta State University

An analysis of the relationship between August Wilson and the protagonist of his work "Fences" and whether an author has the right to the final say on interpreting their work.

### **Universal Ballroom E2**

#### **"Sweetening the Arrival" by Connecting to Place through Literature**

Valarie Saad

Hillsborough Community College

Literature is brought to life through a visit to the very scenes of Anna in the Tropics. What transpires through a sense of place connected to a play?

#### **Slavery's Destruction of Identity as Seen through Toni Morrison's Beloved**

Semaja Reed

University of Tennessee at Chattanooga

In Toni Morrison's Beloved, slavery's physical, emotional, and spiritual devastation of an entire race is explored. In the novel, it is a depredation that continues to haunt the lives of former slaves even in freedom.



### Universal Ballroom E3

#### **Batman: The Symbol of...**

Sohaeb Mohammad

Northern Virginia Community College

Why does a fictional character from childhood still excites people of all ages years after over 75 years of existence?

#### **Vampires: The Science Behind the Myth**

Mariah Moore

University of Louisville

This presentation will discuss the origins of the vampire myth and whether or not such a creature could exist as it is depicted in pop culture.

#### **Anglo-Saxon Women in Exile: The Wife's Lament and Grendel's Mother**

Morgan Blough

Valdosta State University

The speaker of The Wife's Lament and Grendel's mother in Beowulf shed light on the loneliness of exile. This is vividly conveyed in "The Wife's Lament."

### Universal Ballroom F1

#### **The Tragedy of Frankenstein**

Travis Lafollette

Kentucky State University

Frankenstein can resonate less for its horror than as a tragedy about a father who cannot accept his son and a son who cannot forgive his father.

#### **The Science and Philosophy Behind Frankenstein's Attempt at Creating Life**

Vincent Rollins

University of Tennessee at Chattanooga

A scientific analysis of Mary Shelley's Frankenstein and its idea of a self-conscious, manmade creation. This study utilizes 19th and 21st century science to explain the creation of Frankenstein's monster.

### Universal Ballroom F2

#### **Pandora and the Jar of Evils: Beginning of the End**

Megan Wise

Jacksonville State University

This contemporary rendering embodies the mood of the Pandora section in Works and Days, why Pandora chooses as she does, and why hope was left in such a wicked jar.



## **The Evolution of Gothic Literature**

Maggie Poling

University of Tampa

This presentation focuses on Gothic Literature from the 18th century to modern day. I will discuss the evolution of Gothic Literature from the past to its present day equivalencies.

## **The Silenced Voices: Women Diarists of Early America**

Jesse Long

University of Tampa

The diary served as an outlet for expression in a time when women were unable to. These diaries show women taking matters into their own hands and doing what is necessary to protect their family.

### **Universal Ballroom F3**

#### **Honor and Conformity Versus Time**

John Mackey

Jacksonville State University

“Honor and Conformity Versus Time” analyzes Japanese culture and its ability to remain strong against the test of time.

#### **The Demise of Magical Realism in South American Literature**

Leslie Brooks

Greenville Technical College

Magical Realism, as portrayed in several historical and contemporary works, has become an inadequate means to serve the needs of contemporary South American authors seeking to convey their stories.

#### **Harriet Jacobs: Jezebel, Mammy, Mother**

Anna Drew

Murray State University

Harriet Jacobs’ *Incidents in the Life of a Slave Girl* aids in the debunking of erroneous plantation tradition, especially the Mammy and Jezebel stereotypes.

**Opening Remarks - 5:00 pm–5:30 pm**

**Citrus Crown Ballroom**

**Universal Islands of Adventures - 5:30 pm–10:00 pm**

**Citrus Crown Ballroom**





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Friday, April 1, 2016

**Registration - 7:00 am–4:00 pm**

**Breakfast - 7:30 am–8:30 am**  
**Citrus Crown Ballroom**

**Session Session C - 8:30 am–9:30 am**

**Universal Ballroom D3**

**Sharing the Honors Way with High School Students**

Elizabeth Brannon, Abigail Compton, Victor Hammarin, Shawn Tuman

James Madison University

The JMU Summer Honors Institute is a weeklong summer camp for rising high school seniors. Counselors will share their experiences in year two of the panded program.

**Universal Ballroom C1**

**Making What's Old New Again: Adapting Jane Austen for Transmedia**

McKenzie Davies

Birmingham-Southern College

Following an evaluation of transmedia use in “The Lizzie Bennett Diaries”, that model was applied to writing a blog and Twitter account as Marianne Dashwood, a heroine in Jane Austen’s “Sense and Sensibility.”

**Dancing Through Jane Austen’s Pride and Prejudice: Comparing Dance in Austen’s Work and Modern Film Adaptations of Austen’s Story**

Bhakti Desai

Birmingham-Southern College

This presentation examines the role of dance in Gurinder Chadha’s “Bride and Prejudice” and Joe Wright’s “Pride and Prejudice,” two film adaptations of Jane Austen’s “Pride and Prejudice.”

## Universal Ballroom C2

### **Lost in Adaptation: Illusion and Reality in the 1966 Film Adaptation of *Who's Afraid of Virginia Woolf?***

Krystal McGuire

Armstrong State University

Mike Nichols' 1966 film adaptation of Edward Albee's play *Who's Afraid of Virginia Woolf* loses the original absurdist qualities that exist to enhance the conflict of reality and illusion.

### **More than a Wheelchair in the Background: A Study of Portrayals of Disabilities in Children's Picture Books**

Caroline Crawford

University of Tennessee at Chattanooga

This study evaluates the quality of portrayals of disabilities in recent children's picture books, noting some improvement but determining that there are still many issues to be confronted.

## Universal Ballroom C3

### **Criticism of Colonialism and the Apparent Racism in *Heart of Darkness***

Ronda Bailey

Saint Petersburg College

This presentation will explore the anti-colonialism views and expose the racism in Joseph Conrad's *Heart of Darkness*.

### **Shakespeare in China: from Translation to Today**

Josiah Motok

University of Tennessee at Chattanooga

A presentation on the development of Shakespeare as a cultural phenomenon in China through history, translation, and culturally specific adaptations that speak to audiences in popular China today.

### **Shakespeare's "Rebirth" of Fairies**

Charly Cowart

Gordon State College

This presentation focuses on the differences and similarities of fairies in the Medieval Breton Lay, *Sir Orfeo* and the Renaissance play, *A Midsummer Night's Dream* by William Shakespeare.

## Universal Ballroom D1

### **From Early Modernity to Postmodernity: Ontological Transcendence in Shakespeare**

Daniel Proctor

Santa Fe College

Can a literary character be considered and analyzed as if she were a “real” person, with motivations and history, mimetic of reality? In the case of Shakespeare’s Hamlet and Falstaff, yes, they can.

### **Shakespeare’s Wily Women: Female Subversion of Male Power Through Sexuality in Liminal Spaces**

Sara Elizabeth Wilcox

Winthrop University

Through a New Historical and feminist approach to two of Shakespeare’s plays, this analysis examines the gendered hierarchies and subversion of power by female character in each play.

### **Shakespeare and Race: Three Adaptations Meant to Modernize**

Armonee Avent

Norfolk State University

DIGITAL PROJECTOR & SCREEN

Although Shakespeare’s works are now 400 years old, those that touch on race and racism have been adapted to emphasize the timelessness of those issues.

## Universal Ballroom D2

### **Exploring Rich’s Wreck: Equating Poetics and Feminism**

Sawyer Henderson

University of North Georgia

Made evident through Rich’s poem “Diving into the Wreck,” the divide in authorial styles can be seen as a parallel to the contrasts of the different waves of feminism.

### **Super Women: A Contemporary Reading of Comic Books**

Katie Beeman

North Carolina Wesleyan College

This study explores contemporary female comic book characters-such as Wonder Woman, Batgirl, Black Widow, and Hawkeye and argues that superheroines are becoming equal to their male counterparts.



## **West and Woolf's Women Left Behind: Comparison and Analysis of Post-War Trauma, Psychology, and Socioeconomics**

Jane Clifford

University of North Georgia

An analysis of female characters in Virginia Woolf and Rebecca West's works and their applications for our study of Post-WWI trauma in relation to psychology and socioeconomics.

### **Universal Ballroom E1**

#### **The Ecological Effects of the Predator Removal Program on Loggerhead Conservation at Fort Fisher, NC**

Israel Golden

University of North Carolina at Asheville

Conservation of the Loggerhead Sea Turtle has been threatened by an invasive fox population at Fort Fisher, NC. Measures have been taken, but are they enough to save the turtles?

#### **Cleaning up America's Coal: An Analysis of States' Potentials for Carbon Capture and Storage for Greenhouse Gas Reduction**

Jessica Farrell

Morehead State University

By quantitatively measuring the reliance of coal power and the environmental impact of coal in the United States, an outreach strategy for carbon-reducing technology for coal power plants was established.

#### **The Effects of Coal Ash Containment Pond Runoff on pH and Microbial Respiration in River Sediments**

Sarah Judy

East Carolina University

The effects of coal ash drainage on river sediment cellular respiration and pH were measured to determine if coal ash will potentially harm aquatic ecosystems microscopically.

### **Universal Ballroom E2**

#### **Clean Face, Plastic Waste**

Claire Davis

Armstrong State University

How do the now banned plastic microbeads in face washes effect organisms in our environment? Ingestion of microbeads is explored using the snail species *Ilyanassa obsoleta*.

### **Are homosexuals beneficial to the sustainability of the human race?**

Blaise Guerriero

University of Tampa

As the population of the world exponentially increases, homosexuals may be a saving grace for the sustainability of the Earth.

### **Finding the History and Place: an Ecocritical Approach**

Mary Grace Curiale, Tyler Scoville

UNC Pembroke

Through an interdisciplinary approach, ecocritical thought is applied to observations of human interaction with the environment, its permanence, and how it informs personal history.

## **Universal Ballroom E3**

### **Implications of Insufficient Access to Sanitary Water on Medicinal Plant Usage in Rural Nepal**

Emily Dovydaitis

University of Central Florida

In the interest of preserving ethnobotanical practices, health, and the environment in rural Nepal, the nexus of unsanitary water, gastrointestinal diseases, and overharvesting of medicinal plants requires further investigation.

### **Evaluation of variables effecting foraging success rates in Eastern Brown Pelicans (*Pelecanus occidentalis carolinensis*) on the South Carolina coast**

Juliane Caughron, Abbey Chaney

Coastal Carolina University

The aim of this study was to ascertain the ideal conditions for an Eastern Brown Pelican (*Pelecanus occidentalis carolinensis*) foraging attempt. Both environmental and behavioral characteristics were evaluated.

### **Constricting The Everglades**

Garrick Roe

Saint Petersburg College

Invasive constrictors are heading your way – slithering through the Everglades from south Florida. From pets that have been released to hurricane escapees, invasive constrictors have established breeding populations in Florida.

## Universal Ballroom F1

### **Pensacola's Water Crisis**

Eric Mondragon

Santa Fe College

Pensacola, Florida's water crisis is difficult to solve due to the suppressed voices, but with changes in policy, with publicity, and aid from public organizations, Pensacola's problems can be solved.

### **Examining the Effects of Bacteriocins on Bacterial Metabolism of Arsenic in the Environment**

Nathan Pirino

Radford University

Developing a model system that uses natural antimicrobial peptides, called Bacteriocins, to control the metabolism of environmental bacteria that mobilize heavy metals into local water sources.

### **Fine-Scale Monitoring of Running Buffalo Clover (*Trifolium Stoloniferum*) Restoration Populations at Taylor Fork Ecological Area**

Chelsea Perkins

Eastern Kentucky University

The purpose of this study is to understand rates of flowering and clonal reproduction associated with different growth stages of *Trifolium stoloniferum*.

## Universal Ballroom F2

### **The Exploitation of the Diels-Alder Cycloaddition for the Synthesis of a Library of Potential Glycosidase Inhibitors**

Jacob O'Leary

Birmingham-Southern College

Synthetic glycosidase inhibitors are important targets due to anticancer and antidiabetic activity. A library of bicyclic compounds with potential for inhibitory activity has been designed and partially synthesized.

### **The Cytotoxic Effects of Novel Persin Analogues on a Breast Cancer Cell Line**

Keri Jones

Augusta University

Persin, a phytochemical from avocado leaves, is cytotoxic in lactating mice and certain breast cancer cell lines. Effects of persin analogues were studied in cancerous and non-tumorigenic cell lines.



## **The Hidden Truth Within Everyday Foods**

Lashawnd Johnson, Zaria Higgs

Florida Memorial University

This presentation will focus on the harmful ingredients used in food production and providing healthier alternatives for food production and consumption.

### **Universal Ballroom F3**

#### **The Phantom of the Limb: An in depth look at PLP**

Darby Wiggins

Armstrong State University

This Honors Project provides an in depth look into the history, prevalence, symptoms, mechanisms, and treatment of phantom limb pain. This information is presented through an interactive website.

#### **Place Determining Well-Being: A Look into the Infant Mortality Rates of Rural Alabama**

Lindsay Higgins

Birmingham-Southern College

The current rates of infant mortality in rural Alabama rival those of less developed countries. This presentation uses space and place theory to examine suspected causes behind these rates.

#### **The Heroin Epidemic: Why Florida Needs A Needle Exchange Program**

Kimberly Drake

Saint Petersburg College

This presentation is intended to raise awareness about the growing rate of new cases of HIV in Florida and how a needle exchange program could stop the spread of infection.

**Session Session D - 9:45 am–10:45 am**

### **Dade**

#### **Continuing to Use The Happiness Advantage In the Honors Curriculum: Two Years of Data**

Christine Rockey

Coastal Carolina University

As a follow up to last year's presentation on using the Happiness Advantage in an Honors curriculum, this presentation will focus on another year of data and student impacts.

## **An Honors Program Database: How to Easily Create One Without the Help of Central IT**

Michael Callahan

University of Central Florida

Understanding the power of a shadow database and how easy it is to create for your Honors Program.

### **Palm Beach**

#### **The NCHC and the SRHC: Envisioning National and Regional Initiatives and Partnerships**

Steven Engel, Philip Frana, Hallie Savage, Naomi Yavneh

James Madison University

This administrative roundtable will introduce members to the professional activities of the NCHC and SRHC, and explore the potential for NCHC-SRHC cooperative ventures.

### **Universal Ballroom C1**

#### **Re-Contextualizing the Xing Zi Ming Chu's perception of 性: An Outer Zhuangzian Antecedent**

Lloyd Allen Doyle

Birmingham-Southern College

Since the 1993 discovery of the warring-states era Guodian Texts, Sinologists have improperly classified the Xing Zi Ming Chu as a Confucian text.

#### **Exploring Shared Pitch Dimensions in Music and Mandarin Chinese: An Interdisciplinary Approach to L2 Mandarin Tone Acquisition**

Dominique Lopiccolo

Liberty University

Mandarin Chinese and music both utilize acoustic properties of pitch. This study aims then to conceptualize Mandarin tones through melodic intervals for ultimately assisting L2 learners' understanding of Mandarin tones.

#### **Pura Vida: What the Translation Doesn't Tell You**

Katy Joy Vaughan, Mallory Bubbett

The University of Alabama at Birmingham

Linguistic determinism is the idea that language both creates and limits human knowledge, a concept that becomes evident when researching the diction, syntax, grammar, and slang between Spanish and English.





## Universal Ballroom C2

### **From “Chamber of Secrets” to Insights of Value; The Key Advantages of an ePortfolio**

Shawn Zamani, Raquel Baudrit, Brittany Judson

Hillsborough Community College

Learn how ePortfolios highlight experiences and coursework, going beyond the traditional resume as a dynamic, self-reflective profile whether transferring to an academic institution or competing in the job market.

### **The world is full of many opportunities to take action and become a leader**

John Williams

Seminole State College of Florida

Anyone can become a leader but it just takes one characteristic to help them make that first step in leadership.

### **The link between vocal attractiveness and leadership**

Amanda Viikinsalo, Aubrey Yong

The University of Alabama at Birmingham

Ever wonder if you have an attractive voice? Many have, but today we will see if your voice is the only thing stopping you from becoming a successful leader.

## Universal Ballroom C3

### **What Exactly Lurks In The Midst Of Terms Of Agreement?**

Amber McCants, William Jones, Shantinique Shedrick

Miles College

Ever wondered what you are agreeing to, every time you purchase a new computer, tablet, or any electronic device? What exactly lurks in the midst of the terms of agreement?

### **Benefit Corporations: Profit & Social Purpose**

Ravi Goldberg

University of Tampa

This presentation will examine a new business entity type created for those concerned with the triple bottom line of profit, people, and planet.

## Universal Ballroom D1

### **Oscillatory Motion of a Variable Mass**

Michael Nieves, Chance Brewer

Seminole State College of Florida

Oscillatory motion will be observed and analyzed with a system whose mass will be changing at constant rates using a spring that is considered realistic.

## **Interferometry**

Latifah Maasarani

Seminole State College of Florida

Interferometry uses the superposition of waves to measure properties of light sources and materials the waves interact with.

## **Diffusion of light in disordered material**

Marielena Burdge

University of Central Florida

We have developed a technique to characterize the diffusion of light through disordered materials. Thus, we can investigate the role of material structures in establishing different diffusion conditions for light.

## **Universal Ballroom D2**

### **A Theatrical Exploration of Racial Categories and People Separated by Them**

Kirsten Hurst

Northern Kentucky University

This presentation uses theatrical scenes to explore the process by which Americans have been separated into racial categories and the consequences of that separation, focusing on the categories “black” and “white.”

### **Prelude for Angel: An Analysis of the Music of Angel’s Egg and its Role in the Film**

Samantha Chase

Columbus State University

The compositional techniques used for the Japanese animation film Angel’s Egg are critical in establishing the emotional context for the narrative and launching the discussion of crisis of faith.

### **Biracial Identity in Japan: A Whole “Hafu” Life**

Maiya Taylor

Norfolk State University

Based on their ethnic and racial identity, young adult, biracial citizens in Japan (known colloquially as “hafu” in Japanese) are treated differently than most Japanese citizens.

### Universal Ballroom D3

#### **Distractions for ADHD**

Michael Ginn

East Mississippi Community College

This paper will explore strategies to help engage ADHD students in the classroom environment using the experiences of ADHD students and research methods.

#### **Taming The Drunken Monkey**

Meg Hossler, Brooke Schang

University of West Florida

This session will teach you the necessary steps to obtaining mindfulness, awareness, and concentration. You will also have the chance to participate in a guided walking mediation.

#### **Have Honors students' put us all under a spell?**

Angela Mick

Hillsborough Community College

From the outside, Honor students are the highly successful individuals on our campuses. On the inside, many of these same students struggle with deeper personal and mental health related issues.

### Universal Ballroom E1

#### **Aggression: How to Properly Let Workers Go**

Elias Frazier

Armstrong State University

A study over how to let people go in the work atmosphere by manipulating people's expectations through measures of aggression.

#### **The Classification of Asperger's: A study in the distinctions between Asperger's Syndrome and Autism**

J. Andrew McDaniel

Birmingham-Southern College

Recently, Asperger's Syndrome was classified as a form of high-functioning autism. This presentation analyzes the similarities and distinctions between Asperger's and Autism, and the reasons for considering them separate diagnoses.

#### **Monogamy's Transcendence of Fan Counterculture**

Ben Wallace

Northern Kentucky University

This presentation questions how monogamy has remained the predominant relationship structure within media fan culture, which has otherwise challenged mainstream taboos regarding romance and sexuality.

## Universal Ballroom E2

### **Waiting for Heroes: An Examination of Psychological Disorders, Existentialism, and General Strain Theory in Superhero Films**

Austin Hendricks

Augusta University

This presentation explores the expression of psychological disorders in the Christopher Nolan Batman trilogy and Marvel's Iron Man films through a multidisciplinary approach, focusing on psychology, sociology, and philosophy.

### **Gene Expression Controlling Synaptic Plasticity Following Adolescent Exposure to ADHD-Medications in a Murine Model**

Margaux Usry

University of North Georgia

Genetic alterations following ADHD psychostimulant exposure during adolescence were analyzed to explain sex-specific behavioral alterations in a non-ADHD murine model.

### **Post-Traumatic Stress Disorder: The Accuracy of the Portrayal in Redeployment**

Natalie Hurst

University of Tennessee at Chattanooga

Post-traumatic Stress Disorder (PTSD) is misrepresented in Phil Klay's novel Redeployment. Redeployment presents a stereotypical and narrow definition of soldiers dealing with PTSD and neglects the full story.

## Universal Ballroom E3

### **Conversion Therapies across the World: An Analysis of Emotional Abuse to Death for LGBT.**

Kimberly Modica

Lander University

Awareness and open conversation about realities the LGBT community faces across the world should happen, and with the alacrity to both help LGBT individuals and keep cultural norms intact.

### **Examining Consciousness Using The Placebo Effect**

Jacob Fiala, Joseph Ostenson

University of Tennessee at Martin

Psychology's largely materialistic approach under-values the importance of consciousness. This presentation argues that the available evidence favors a more holistic approach in Psychology, and explores the consequences.

## **American Mental Health: Are We Raising Killers or Troubled Individuals?**

Gloria Mobley

Miles College

Mental health vastly impacts an individual's judgment and rationale. This intrinsically significant portion of metaphysical evolution in each individual human often develops inconsistencies that materialize as mental illness.

### **Universal Ballroom F1**

#### **Suicide: Out of the Shadows**

Courtney Kent

Saint Petersburg College

A photographic introduction of the current statistics on suicide in the United States while illuminating a potential treatment for our societies greatest afflicted cohort by applying the most advanced medicine.

#### **Stress or peer pressure? Which is more harmful?**

Keyashia Willis

Virginia State University

Stressors are everywhere, but are some worse than others? Students use drug based substances, but do they really negatively impact students? Or is it just a myth? This presentation will focus on the effects of drugs based on the types of pressure that lead

### **Universal Ballroom F2**

#### **Influencing an Audience: Social Psychology**

Meredith Russell

University of North Georgia

Social Psychology can impact grades, job interviews and political debates. As Honors students and professors, it's important to recognize and utilize it to best impact our world.

#### **Portrait or Magic Mirror?: The Influence of Narcissistic Tendencies on Portraits**

Emma Gosser

Eastern Kentucky University

Is it possible that self-love affects how artists portray their subjects in portraits? Could our narcissistic ways lead us to put our own features onto others' faces?



## Universal Ballroom F3

### **Rockin' Up a Nation**

Emily Coggins

East Mississippi Community College

Rock and Roll blurred the boundaries between the races and created a sense of unity through music that emboldened the Civil Rights movement in American history.

### **A Story in Stitches, or Whether a White Woman Can Create an African-American Story Quilt**

Amy Heldt

Birmingham-Southern College

This project examines whether there is a distinct African-American quilting style based on the unconscious transmittance of African symbolism or if that idea marginalizes African-American quilting to an exotic "other."

### **Pretty for a Black Girl: The Impact of Colorism Amongst African American Women**

Destinee Germany

University of Louisville

Colorism is a form of oppression shown through the differential treatment of individuals based on skin color. "Pretty for a Black Girl" examines the impact this enormity has amongst Black women.

## Session E - 11:00 am–12:00 pm

## Broward

### **A Model for Building Effective Leadership through Scholarly and Civic Inquiry**

Vanessa McRae, Denise Crisafi

University of Central Florida

This presentation will deliver an overview of the best practice model used by ORCE to illustrate the correlation between academic research and civic inquiry.

### **Undergraduate Honors Research as a Vehicle for Leadership**

Joshua Pevitz, Daniel Brunson

Embry-Riddle Aeronautical University

This presentation aims to offer the lessons learned by the ERAU Honors Program and to provide insight for other schools to begin or to expand their research efforts with a focus on leadership.



## **Establishing a Purpose for Your Honors Student Association**

Clare Jenkins, Alessandra Carno

Embry-Riddle Aeronautical University

This presentation will explore the process taken to establish a purpose for the Embry-Riddle Honors Student Association (HSA) and how that process can be applied to other universities' HSAs.

## **Florida Keys**

### **Selfies: Revolutionary or Narcissistic?**

Rachel Davis

University of Tennessee at Chattanooga

The lack of scientific consensus on the relationship between selfies and narcissism may be due to a lack of differentiation between different types of selfies, "Experience Selfies" and "Object Selfies."

### **Understanding influences on inner-city juvenile delinquency**

Kamera Langston

Virginia State University

This study, analyzes the external and internal factors that contribute to juvenile delinquency in inner-city neighborhoods.

### **Accumulated Educational Disadvantage**

Kathryn Skelton, Levi Stone

The University of Alabama at Birmingham

Most Americans believe in the "American Dream"- that hard work and education gives everyone an equal opportunity at success, but most Americans aren't sociologists.

## **Universal Ballroom D3**

### **A Global and Community Leadership Honors Program Fostering Diversity for All**

Nicole Rodriguez, Beenish Kamran, Tushar Kumar

The University of Alabama at Birmingham

The UAB Global and Community Leadership Honors Program focuses on creating global citizens and diversity. With its success internationally and locally, it hopes to inspire other universities to do similarly.

### **Rainbow Rights: Teaching Diversity Through Exploring the Other**

Cindy Lea, John Blew

University of Central Arkansas Schedler Honors College

The UAB Global and Community Leadership Honors Program focuses on creating global citizens and diversity. With its success internationally and locally, it hopes to inspire other universities to do similarly.

### Universal Ballroom C1

#### **Are Historically Black Colleges and Universities (HBCU) Still Relevant?**

Ray Cordero, Shantrice Miles

Miles College

Historically Black Colleges and Universities (HBCUs) contribute significantly to the growth of Black middle class and the nation's economy. 60% of Black engineers graduated from HBCUs.

#### **A Depiction of Life at an HBCU as Documented by a Print Journalist**

Salonica Hunter

University of Arkansas at Pine Bluff

What can a member of a Greek-lettered organization, Christian, student athlete, and professor show about college life? Peek inside an HBCU through the eyes of four insiders.

#### **Historically Black Colleges and Universities competitive advantage compared to Predominately White Institutions of the same size in the state of Virginia**

Tyla Morris

Norfolk State University

Given the increase of diversity in all institutions, the relevance and viability of Historically Black Colleges/Universities have been questioned. HBCUs may, however, still enjoy some competitive advantages.

### Universal Ballroom C2

#### **Falsely Immiscible: On the Co-evolution of Art & Science**

Andrea Kur

University of Tennessee at Chattanooga

Science and art have co-evolved throughout human history, each directly affecting the other's advancement, so much so that neither can be fully utilized without evocation of the other.

#### **The Journey of Women into Medical Legitimacy**

Cody Sutphin

Eastern Kentucky University

Today women are free to enter the medical field, but it was because of the efforts of women who came before us that paved the way for women physicians today.





### Universal Ballroom C3

#### **Adaptability in Science: Through the Lens of Undergraduate Researchers**

Catherine Ninah, Thomas Carpino

University of Central Florida

From assessing methods and characteristics of leading researchers and preeminent leaders, we found a key trait distinguished them: adaptability. Understanding the paradox and levels of adaptability can lead to success.

#### **An Inquiry on Mastery**

Jose Canahui

Northern Virginia Community College

This talk is an exploration of mastery relatable to college students through three main inquiries: what is the intention of attaining it, the process, and the end result.

### Universal Ballroom D1

#### **Raising Illiteracy Awareness: The Get Booky Service Project**

Ashlyn Jones, Jonathan Hollingsworth

Jacksonville State University

“Raising Illiteracy Awareness: The Get Booky Service Project” was a group project which focused on the collection of reading materials and the distribution of those to local under privileged schools.

#### **Academic Service Learning in Brazil**

Debbie Nascimento

Broward College

A discussion of the Zika virus in Brazil.

### Universal Ballroom D2

#### **Advising the Overbooked: Teamwork with Honors and Athletics**

Angela Mead

Some of the busiest students on campus are honors students and student athletes. How do you advise students who are both? This session will discuss possible techniques and strategies.

#### **The Benefit of Service Learning in an Honors Course**

Yvonne Thompson, Leslie Brooks

Greenville Technical College

Embedding a content-specific service-learning component in an Honors course is an invaluable learning experience that promotes leadership within the field and provides an enriched education.



## **Learning from the Super Natural: Partners in the Parks, Sequoia**

Caitlin Davis

Eastern Kentucky University

In this presentation, I will discuss my participation in the NCHC Partners in the Park Program and how outdoor learning has shaped my education.

### **Universal Ballroom E2**

#### **Social Media**

Shalyn Dougherty

Limestone College

Social media marketing benefits businesses by allowing them to engage with their customers quickly learn about their competitors, persuade clients, and promote their business at low costs.

#### **Nonstandard Emoticon Sentiment Classification**

Abygail McMillan

University of North Georgia

Instead of only the standard positive/negative/neutral sentiment classification, emphasis has been placed on a nonstandard classification of emoticons within tweets, grouping them in either intensification/negation/only sentiment.

### **Universal Ballroom E3**

#### **Social Media: The Future of Business**

Sean Brophy, Matthew Sauvron

University of Tampa

Learn about the importance of social media in the business world. See the advantages and disadvantages of a company using this new way of communication.

#### **Relationship and Brand Marketing: A Content Analysis of Taylor Swift's Twitter**

Morgan Goddard, Tracy Rutledge

University of Tennessee at Martin

Content analysis of Taylor Swift's Twitter account examines how Swift, as a public figure, demonstrates Grunig's (1999) factors of organization-public relationships.

#### **Cross-Ideological Exposure and Millennials on Twitter**

Lindsey Layman

University of Tennessee at Chattanooga

This presentation investigates how selective exposure and conformation bias are strengthening party lines on Twitter and the political blogosphere.

## Universal Ballroom F1

### **Queerbaiting in Sports Anime: The Effective Manipulation of Queer Consumers**

Miranda Lewis

Northern Kentucky University

Producers of sports anime use the manipulative process of queerbaiting to attract a queer audience. Evidence of this practice is tracked while simultaneously demonstrating unfettered fan involvement.

### **The Magical Influence of Media on Black Male Dating Preferences**

Christ-Shamma Matalbert, Amera Allison

University of Arkansas at Pine Bluff

The influence of media can be noticed or subliminal. We will discuss the influence media has on Black male dating preferences at an HBCU.

## Universal Ballroom F2

### **Embracing Gender Neutral Language and Non-Binary Pronouns in a Predominantly Gendered Society**

Nicole Lampe

University of Tampa

This presentation will define gender-neutral language, assist in sociological insight among non-binary gender identities, and evaluate the significance of utilizing gender-inclusive language in professional and social settings.

### **Helping Hands: A Study in Foster Parent Satisfaction**

Heather Murray

University of Tennessee at Chattanooga

This qualitative study probes for information on satisfaction for caregivers, foster parent intent to continue fostering, and what resources are needed to help subjects provide the best foster care possible.

**Lunch & Keynote - 12:15 pm–1:45 pm**

**Citrus Crown Ballroom**

Session F - 2:00 pm–3:00 pm

**Volusia**

**“Canzona-Serenata” by Nikolai Medtner [Piano performance]**

Aleksandra Kasman

The University of Alabama at Birmingham

Russian composer Nikolai Medtner’s “Canzona-Serenata,” from the first volume of *Forgotten Melodies*, op. 38, depicts a richly textured and poignant evening song.

**Florida Keys**

**The Real Monster that Hides Under The Bed**

Melissa Ramirez Bejarano

Seminole State College of Florida

There has been an exponential increase in the number of reported cases related to eating disorders in children.

**The Understated Benefits of the Cannabis Plant**

David Walls

University of Arkansas at Pine Bluff

Cannabis – harmful or beneficial? Despite the negative connotations that are associated with this plant, this presentation will spotlight some of its beneficial characteristics without promoting its controversial recreational use.

**Broward**

**Strategic Enrollment Management and Honors**

Kevin Baxter

East Carolina University

The ECU Honors College is engaged in strategic enrollment management practices that have been leveraged to serve the overall university. Best practices around recruitment and retention initiatives will be shared.

**Muggles and Magical Folk: Building Successful Relationships between University Honors Programs and College-Based Honors Options**

Meg Marquis, Chelsea Brislin

University of Kentucky

Student affairs administrators from the University of Kentucky Honors Program and two College of Business and Economics honors pathway programs will discuss issues of territorialism, sharing resources and curricular overlap, program identity, and logistical consistency.



## **The Magic of Recruiting New Honors Students**

Lauren Furry

Hillsborough Community College

This presentation will highlight a unique event designed to connect with high school personnel to increase the chances of recruiting the best students for your Honors program.

### **Universal Ballroom C1**

#### **Understanding Pet Relinquishment: Who is Most Likely to Relinquish a Pet and Why?**

Cristina Hyman

University of Central Florida

Pet relinquishment occurs when ownership of a pet is transferred to a shelter organization. This study examines the relationship between cultural orientations towards animals and the incidence of pet relinquishment.

#### **The Treatment of Animals in Zoos and Aquariums**

Nicole Rothmeyer

University of Tampa

An analysis of the common criticisms that zoos and aquariums receive regarding the treatment and care for their animals; along with how zoos and aquariums have responded to the criticisms.

#### **The Shelter Versus the Puppy Mill**

Dixie Morgan

East Mississippi Community College

A persuasive paper looking at the advantages of adopting an animal from a shelter or rescue group.

### **Universal Ballroom C2**

#### **Using Harry Potter to Explore Social Justice**

Angela Mead, Jessica Burch, Caitlin Parker, Jake Reeves

Appalachian State University

By exploring social justice issues in Harry Potter, students can delve into challenging topics in comfort. Learn how to use popular texts to explore difficult ideas in your classes.

#### **The Revolution Betrayed**

Steven Garcia

University of North Florida

A comparative analysis of the evolution of the goals and ideals of new social justice activists and Stalinist realpolitik.



### Universal Ballroom C3

#### **Hair color choice in males and females: Females are flaky**

Daniela Delvescovo

University of Tampa

Previous research on hair color preference of humans has not yielded consistent results. The present study surveyed 2,000 participants to discover if geographic region influences hair color preference.

#### **Makeup and its Effects on the Perception of Women**

Cailin Wile

Morehead State University

Does a woman's makeup really affect the way that people perceive her? Surveys and research reveal the truth behind makeup and how women who choose to wear it are perceived.

#### **Successful People Can Have Tattoos**

Alexandria Guild, Scott Holt

The Citadel

How the stigma of tattoos has changed over the years and some of the most successful people in the world have them.

### Universal Ballroom D1

#### **Harry Potter and the Study Abroad Office: Curricula for Every Discipline**

Heather Forsythe

University of Central Arkansas Schedler Honors College

A presentation describing a research based Harry Potter backpacking trip and its findings. Learn how to apply the Harry Potter series to any field of study.

#### **Experience from Study Abroad Excursion To Greece**

Jynae Jones, William Long

Miles College

This presentation will look at the market, economy, and currency of Greece, and how it has different discrepancies with the American economy.

### Universal Ballroom D2

#### **Effects Feedback Produces when used in the Identification of Relevant Words**

Jonathan Hatala

Armstrong State University

In this experiment, participants identified relevant words on a PowerPoint slide. Participants were randomly assigned into one of feedback conditions, and then measured on their ability to identify relevant words.



### **Teamwork in the 100 Acre Wood!**

Sanjay Jadoo

Seminole State College of Florida

This presentation will discuss the main characters in the Winnie the Pooh cartoon and the characters personalities.

### **College Students' Opinions of Classroom Technologies**

Charles McDermitt

Gordon State College

This presentation will focus on a survey of students' preferences in learning technology, including online classes, laptops, smartphones, videos, and e-textbooks.

## **Universal Ballroom D3**

### **Development of a Low-Cost High Altitude Research Platform**

James McNichols, Spencer Penley

Mercer University - School of Engineering

This project developed a low-cost, reusable, balloon-lifted payload that provides the physical space and telemetry required to fly and recover small science payloads to altitudes of up to 19 miles.

### **Flipping The Classroom: A Student's Perspective**

Alex Acree

Miles College

"Flipping the Classroom" presents students an opportunity to partner with the facilitator and evolve the course work. Another term for "Flipping the Classroom" is "Backwards Classroom."

### **The Environment vs. Technology**

Raven Hanna, Tanesia McKenzie

Florida Memorial University

This presentation will focus on the acknowledgement of advanced technology in today's society but the absolute dependency on technology as a handicap in our world.

## **Universal Ballroom E1**

### **Hospital Transport System Staffing Optimization through Simulation**

Jonathan Easter

Mercer University - School of Engineering

A computer simulation was used to evaluate hospital transport staff configurations. The simulation results generated recommendations for optimal staffing levels and locations.



## **Wireless Communication Device for the Hearing Impaired**

Nicole Garcia, Alexander Simpson

Mercer University - School of Engineering

A pair of wireless, vibrating, flashing communication devices for getting the attention of a deaf or hearing-impaired child were created and tested.

## **3D Printing: Print Anything you Want**

Harrison Wray

Northern Virginia Community College

My presentation will explore the many different uses and potential uses of 3D printers that are changing the world.

### **Universal Ballroom E2**

#### **Predicting and Monitoring Model Rocket Performance**

John Niesen

Mercer University - School of Engineering

The purpose of this project was to create and test a microcontroller system that can measure and record acceleration and altitude during the launch and recover of a model rocket.

#### **Bioengineering: Designing the Future of Human Life**

Danyal Bhutto

University of Louisville

In this presentation, we look at the revolutions in medicine and technology that will occur in our lifetime, revolutionizing the way we experience life itself.

### **Universal Ballroom E3**

#### **The Principle of Symmetry in Christian Just War Thought**

Jesse Perl

Winthrop University

With the advent of new technologies, Just War Theory must consider the asymmetry of warfare created by new weaponry to remain a relevant part of society's discourse.

#### **The Image of Christ And Its Impact On The Black Psyche**

Boubini Jones-Wonni

Miles College

Jesus Christ is the central figure in Christian theology. He came to earth in a human form, and as a result, is of high importance as is his image.



## Universal Ballroom F1

### **Uncovering the Misconceptions and Truth of Santeria**

Mariela Rubi Gil Rosario

University of West Florida

This presentation discusses a brief history, basic practices, misconceptions and truth of Santeria. Since Santeria has been seen in a negative aspect, this presentation discusses the reality of the religion.

### **Slavery through a Modern Lens**

Refat Ahmed Chowdhury

Broward College

The world to the greater magnitude believe only on the misery of slaves. This presentation focuses on the semi-conventional lives they had.

### **Religious Tolerance for Muslims: The Good Old Days**

Elora Robbani, Aaron Getman-Pickering

The University of Alabama at Birmingham

The Umayyad caliphate, settled in Cordoba, Spain, is a historic example of how Muslims, Christians, and Jews can live together in harmony.

## Universal Ballroom F2

### **The Syrian Refugee Crisis and the United States' Response**

Brittany North

Radford University

The United States should offer at least 100,000 refugees alleviation from their displacement caused by the Syrian government because the U.S. has a humanitarian responsibility.

### **The Paradox of the Progressive Presidency: How the Democratization of the Presidential Selection System has Degraded the Office**

Tyler Syck

Morehead State University

This presentation examines how the presidential selection system has evolved over time and the negative effects this evolution has produced. The presentation argues that we need reforms to improve the system.

### **Resilient Communists: How Fidel Castro Survived the Soviet Collapse and Cuba's Uncertain Road to Democracy**

Max Prowant

Morehead State University

This project seeks to explain how the Communist regime of Cuba survived the Soviet Collapse and how current democratic players can democratize via economic liberalization and the Cuban Catholic Church.



### Universal Ballroom F3

#### **Autoimmunity As Told Through Three Autoimmune Diseases: Systemic Lupus Erythematosus, Rheumatoid Arthritis, and Multiple Sclerosis**

Zachary Masters

Winthrop University

A literature review of recent papers in the field of immunology to examine the pathogenesis of three diseases: Systemic Lupus Erythematosus, Rheumatoid Arthritis, and Multiple Sclerosis.

#### **Effects of multidrug resistance gene deficiency in intestinal healing in a model of IBD**

Rycki Ebert

Limestone College

The purpose of my experiment is to introduce bacterial components and observe how these components influence wound healing and proliferation of MDR1 deficient cells.

#### **The Vast and the Dangerous: Antibiotic Resistant Bacteria**

Steve Tran

University of Louisville

You get sick with a bacterial infection, take some antibiotics, and POOF! It's gone! Is it really the end? Bacteria are becoming resistant to many common antibiotics... What now?

### Dade

#### **Guiding Your Wild-Cats and Kittens: Fostering Student Engagement & Community through a Robust Peer Mentor Program in an Honors Residential College**

Heather Carpenter

University of Kentucky

This presentation will focus on the development of a successful peer mentor program—from the selection process, training and on-going supervision of Peer Mentors by Senior Peer Mentors and staff.

#### **Bridging the Gap between the Classroom and the Community: A look at the Service LLC at UofL**

Jamitra Fulleord

University of Louisville

The Service LLC has a residential component paired with themed courses surrounding social justice that bridge the gap between the UofL campus and the Louisville community that enhances student involvement.

## Get the Director Out! The Formula for a Successful Honors Mentoring Program at Ferrum College

Lana Whited

Ferrum College

The Formula for a Successful Honors Mentoring Program at Ferrum College.

### Session G (Posters & Art) - 3:15 pm–4:15 pm

#### Sun & Surf

##### 1. The Synthesis of Aspirin

Carlota Bonnet

Santa Fe College

The main objectives for this experiment are to synthesize a sample of Acetylsalicylic acid, and analyze the sample obtained by measuring its melting temperature, and conduct a spectrophotometric analysis of it.

##### 2. Oil Dries Used in Arson Scenes: New Absorbent Material

Jessica Dove

Eastern Kentucky University

In arson scenes, evidence is hard to recover. My research examines how oil dries, usually used in hazardous material clean up, are used within arson scenes as absorbents.

##### 3. Finite Element Simulation Of Single-Lap Shear Tests Utilizing The Cohesive Zone Approach

Wilson Perez

University of Central Florida

This research develops a finite element model (FEM) and material model, which allow mechanics to accurately simulate single-lap shear specimens under mechanical loads.

##### 4. The role of a gene mutation in mitochondrial function and metabolism in Doberman Pinschers with Dilated Cardiomyopathy

Francisco Lourenco

Santa Fe College

Research seeks to investigate the genetic mutation as one possible cause of Dilated Cardiomyopathy (DCM). to replace the dysfunctional gene by injecting a virus with the adequate gene and infecting the ill animal with a therapeutic virus.

### **5. Fibonacci Number of the Chorded Cycle**

David Richmond

Kennesaw State University

This poster establishes formulae and identities for the Fibonacci number of the chorded cycle created from a path graph and a cycle graph, via algebraic and combinatorial methods.

### **6. The relationship between the visual content in music videos and sexual cognitions**

Jennifer McDonnell

University of Central Florida

An undergraduate thesis analyzing the relationship between the visual content displayed in music videos and the sexual cognitions of that of viewers, particularly focusing on teens and young adults.

### **7. Race Relations and Media Influence**

Cathyleen Rice

Winthrop University

Within the last seventy-five years, a breach in relations among the races has negatively been influenced by the media. This thesis analyzes the way people interpret the information reported.

### **8. The Effect of Sexist Humor on Women's Victim Blame**

Samantha Shepard

University of Central Florida

This study seeks to explore the effect of sexist humor vs. non-sexist humor on women's victim blame, prompted by the lack of literature on sexist humor using female populations.

### **9. American Sign Language as a Foreign Language Equivalent at James Madison University**

Abigail Compton

James Madison University

We will demonstrate that the cultural and linguistic elements of American Sign Language in comparison to Spanish qualify ASL as a legitimate foreign language at James Madison University.

### **10. Empowerment Unit Plan for Haitian Restavek Children**

Ashley Craig

University of Central Florida

This curriculum's goal is to empower Restavek, slave, girls to assist them in creating a positive self-image. Education allows for the girls to attain higher positions in Haitian society.

### **11. Transcriptional Regulators of Differentially Expressed Genes in Alzheimer's Disease**

John Lawson

Liberty University

Motif enrichment analysis, a computational technique, was used to investigate what transcription factors may regulate genes that change expression in an Alzheimer's disease mouse model.

### **12. Millennials' Attitude, Knowledge, and Approach to Personal Finance and Investing**

Yoana Cervantes

Kennesaw State University

How has coming of age with advanced information technology, enhanced global awareness, and widespread economic uncertainty affected Millennials' approach to personal finance and investment? My poster explores two contradictory theories.

### **13. Socially Conscious Coffee: An Examination of Fair Trade in the Coffee Industry of Central America**

Emily DeVries

Gardner-Webb University

An examination of the influence of NGOs such as Fair Trade in the coffee industry of Central America including the effects of social responsibility programs on both producers and consumers.

### **14. Prison Newspapers and Inmate Identity Formation**

Alexandra Stepanov

University of Central Florida

This project looks at the rhetorical strategies that inmates utilize in prison newspapers to construct their identity juxtaposed to the one constructed for them by society through this writing.

### **15. The Mason-Dixon Line: A Cultural Division**

Cory Meigs, Isaiah Johnson, Hope Still

Gardner-Webb University

In order to unearth some of the differences between the North and the South, we will examine the demographics, relationships, trends, and foods that characterize the states separated by the Mason-Dixon Line.

### **16. Nutritional Resources for Student Athletes in Division I College Football Institutions: The Athletic Trainers' Perspective and Role**

Giovanna Giannini

University of Central Florida

The purpose of this study was to examine the quantity, quality and variety of nutritional support offered to division I student-athletes who participate in football

### **17. Jesus of Nazareth: A New Moses for a New Israel**

Jacob Kirby, Brooke Rampy

Gardner-Webb University

An analysis of the Gospel of Matthew's presentation of Jesus of Nazareth as a Mosaic figure for a newly established Israel under the new covenant of his resurrection.

### **18. The Impact of Quality of Sleep on Academic Performance in University Students**

Heather Raley

Murray State University

This study found that students suffer from daytime sleepiness, which interferes with their ability to concentrate, and results in impaired ability to learn/retain information as demonstrated by their GPA.

### **19. "The Magic" of Social Media for Professional Development**

Natasha Infante

Hillsborough Community College

Professional online platforms are an effective way of marketing yourself in a competitive world. Students, employers, and several organizations use social media for promotional purposes. So should you!

### **20. Biological survey of Sloan's Crossing Pond in Mammoth Cave National Park, KY**

Miranda Thompson, Christy Soldo

Murray State University

A biological survey of a CCC-built pond in Mammoth Cave National Park- a confluence of historical and ecological values.

### **21. Green Building Valuation: An Analysis of Commercial Buildings in Tampa Bay**

Ronni Mercier

University of Tampa

Is there a premium on rental rates of green office spaces? We examine the market in Tampa Bay to determine if green certifications increase the value of commercial office buildings.

### **22. Reading on Target: A New Literacy Strategy**

Katelyn Dodd

Winthrop University

This presentation is about the effects of a new literacy strategy designed to target reading comprehension through vocabulary improvement. Reading on Target utilizes a graphic organizer focused on increasing vocabulary.

### **23. Cortisol Reactivity and Responses to Experimental Pain Stimuli to Assess Sex and Race Differences**

Andrew Viegas

The University of Alabama at Birmingham

This study examined the relationships between cortisol and pain responses as well as determined whether these relationships vary by gender and race.

### **24. Art and Medicine: Integration of Arts-based Classes in Medical School Curricula**

Danica Ordonez

University of Central Arkansas Schedler Honors College

Integration of the arts with medical school curricula can be made possible by carefully formulated syllabi. This meticulously designed syllabus can serve as a model for more interdisciplinary medical programs.

### **25. Honors Congress: The Official Student Organization of The Burnett Honors College**

Annalise Sigona, Emily Carson

University of Central Florida

The Burnett Honors College's Honors Congress will display a poster and accompanying media to share the unique nature of the organization, including leadership opportunities, student-led recruitment, and diverse events.

### **26. "Poof" you're gone: Muggles, mudbloods, magicians and the DACA experience**

Leonardo Dulanto, Rebecca Todd

Hillsborough Community College

In the world of Harry Potter, poof can be a good thing! In the world of citizenship, it can mean you don't exist.

### **27. The Victims and the Survivors**

Kimberly Drake

Saint Petersburg College

Various oil works on canvas displaying the survivors and victims of drug abuse and domestic minor sex trafficking.

### **28. Revisiting the DeLuna Route into the Interior: Assessing the Validity of the 1989 Hudson et al. Model in Light of More Recent Research**

Keilani Hernandez

University of West Florida

This session will discuss Pensacola as the oldest multi-year settlement in the United States and why Tristán de Luna left the settlement.

**29. Sociality Within the Asocial: The Factors That Make Anelosimus Eximius Social**

Skyler Carrell

Radford University

I designed and performed my own research project in the Amazon rainforest of Peru. While there I studied the relationship between social patterning and relatedness of communally living spiders.

**30. Genome Characterization of bacteriophage Zanzibar from soil samples around Pensacola, Florida**

Sabina Cabrera, Abigail Allgood

University of West Florida

Collection, isolation, and identification of a bacteriophage found on the University of West Florida campus is explained in a poster presentation along with discussion of implications of phages in society.

**31. Social Engineering Prevention Password Generator**

Isaac Weston

Radford University

A password generating tool designed to create passwords that are easy to remember but difficult for hackers to crack using social engineering techniques.

**32. The Efficacy of Gun Control**

Aurora Eager Leavitt

University of Tampa

Does increasing regulation of gun ownership decrease gun related violence in the United States? According to the evidence, it does.

**33. Efficacy of an oral joint supplement in exercising horses**

Maggie Nawa

Murray State University

This study was conducted to evaluate the effect of an orally fed hyaluronic acid gel supplement on selected exercising horses. To potentially decrease costs associated with equine joint health care.

**34. 33rd Is Not an Option: Maternal and Infant Mortality in America and What Nurses Can Do To Help**

Catherine Crawford

Gordon State College

This poster will demonstrate why the United States ranked so low on the 2015 Mothers' Index and what nurses in America can do to help.



### **35. Gold, Silver and Copper Nanoparticles as Antimicrobial Agents**

Abbie Weeks

Mercer University - School of Engineering

This project evaluates the efficacy of gold, silver and copper nanoparticles as antimicrobial agents. E. coli bacteria are used as the indicator organism.

### **36. Kangaroo Mother Care, Skin-to-Skin Contact, and Breastfeeding in Neonatal Intensive Care Units**

Cecilia Ralyea

Winthrop University

Kangaroo Mother Care, Skin-to-Skin Contact, and breastfeeding benefit parents and newborns. However, their use is often impeded where babies could most use the help, Neonatal Intensive Care Units.

### **37. Performance of 3D Printed Alto Saxophone Mouthpieces**

Aja Jayne Rawden

Mercer University - School of Engineering

This project compares the sound quality of alto saxophone mouthpieces constructed via a 3D printer to commercially produced hard rubber mouthpieces.

### **38. Walt Disney and the Magic of Innovation**

Devany Green

Hillsborough Community College

During the 1930s, film studios went to great lengths to ensure moviegoers attended the theaters. One tiny studio in particular kept pulling off miracles in technology, as if by magic.

### **39. Spherical Robot for Smooth Videos in Various Conditions**

Brian Davenport, Daniel Poschel

Mercer University - School of Engineering

This robot moves using omni-wheels inside of a sphere. The sphere protects the robot from outside elements and is translucent so video can be shot from inside.

### **40. Anthropogenic Threats to Biodiversity**

Melisa Blasky

University of Tampa

Anthropogenic disturbances negatively impact Florida ecosystems by reducing the biodiversity of an area. Keystone/umbrella species tend to suffer the greatest impact, and prove pivotal to the ecosystem's stability.

### **41. Multi-Effects Guitar Pedal with Raspberry Pi**

Tyson Grogan, Christopher McCorkle

Mercer University - School of Engineering

The goal of this project was to design and build a cheap, easily customizable, multi-effects guitar pedal with Raspberry Pi.

## **42. Stress Mitigation Techniques in Shelter Cats: Effectiveness and Usage**

Christina Sherman

Murray State University

NONE

A literature review showed usefulness of stress reduction techniques for shelter cats. Shelters were surveyed to see how much these techniques are used; size- and cost-effective recommendations were made.

## **43. The Chameleon Lamp**

Austin Haselwander

Mercer University - School of Engineering

The Chameleon Lamp can hide or highlight itself by displaying a color from an RGB LED matching or contrasting with the color of the surface on which it rests.

## **44. Developing a Twitch IRC Raffle Bot**

Nicholas Brown

Mercer University - School of Engineering

This custom IRC bot records viewer activity in the Twitch channel in order to reward users with points that can be redeemed in weighted stream raffles.

## **45. Remote Medical Monitoring Device**

Brandon Hancock, Jose Rivera, Harpal Sagoo

Mercer University - School of Engineering

This device will allow hospital staff to monitor vitals (blood oxygen level, temperature and heart rate) of patients in the waiting room, without constant physical interaction.

## **46. Creating and Evaluating Graphene Coatings**

Eric Downham, Gavin Lamberth

Mercer University - School of Engineering

Chemical reduction was used to create thin layers of graphene oxide. The electrical conductivity, flexibility, and tensile strength of graphene specimens were tested.

## **47. HIV/AIDS and the European Union**

Victor Hammarin

James Madison University

This study hypothesizes that a strong initiative to establish a European Healthcare System with firm treatment guidelines, would reduce inequality and improve the lives of those living with HIV/AIDS.

#### **48.A theory-based approach to understanding efficiency of Eddy Current Separators**

Victoria Rexhausen

Mercer University - School of Engineering

The purpose of this work was to understand the theory and operation of a typical Eddy Current Separator and to increase the efficiency of an existing Eddy Current Separator system.

#### **49.Nutrition Education Strategies to Reduce Obesity in College Students**

Mariana Martins

Lander University

Obesity has been a growing major health concern for the American population. This study proposes new measures to promote a healthier lifestyle among college students.

#### **50.Mobile Solid Waste Processing and Its Application to Glass Waste Disposal Reduction in the Bibb County, Georgia Area**

Daniel Kimmel

Mercer University - School of Engineering

Glass waste is currently not being recycled in Bibb County, Georgia. This project evaluates the potential impact of a mobile glass waste processing operation on glass disposal in Bibb County.

#### **51.The United Nations' Internal Composition and World Influence**

Hunter Pease

Saint Petersburg College

The world influence and vast structure of the United Nations, an international body comprised of 193 countries, is expressed through its multiple peacekeeping and safety operations.

#### **52.Software development for studying how limb length discrepancy affects gait**

Maximilian Sonntag, Forrest Elliott

Mercer University - School of Engineering

Sensor technologies appropriate for investigating the relation of limb length discrepancy to gait are investigated and software to capture and interpret the sensor data is developed.

### **53. Fabrication of Biomedical Synthetic Polymer Nanofibrous Materials by Electrocentrifugal Spinning**

Muna Al-Safarjalani

The University of Alabama at Birmingham

This research explores the effectiveness of a combined electrocentrifugal spinning method to combat the drawbacks of isolated electrospinning and centrifugal spinning of biomedical synthetic polymer nanofibers.

### **54. The Environmental Impact of Oil Refineries**

Edilmary Urdaneta

Broward College

Precautions must be taken for building new oil refineries; this project explores recommendations.

### **55. Caves of Thought: New Ideas or Rearranged Prejudices?**

Dejah Myers

Saint Petersburg College

Presentation delves into Plato's Allegory of the Cave and asks the questions: What is Enlightenment? and "How does one become truly enlightened?"

### **56. Confronting Controversy in Honors Classrooms: The Magic of Arguing with Images**

Emily Adkins

Eastern Kentucky University

An Honors class called Arguing with Images challenged students to examine philosophical and visual aspects of rhetoric surrounding controversial issues. Students analyze opposing viewpoints, examining how they present their stories.

### **57. The role of GenF in the asymmetric distribution of the virulence protein, IcsA in Shigella flexneri**

Birendra Sharma

Mississippi University for Women

The project studies an uncharacterized protein that is asymmetrically associated with the inner membrane of gram negative bacteria and its role in the asymmetric distribution of IcsA in Shigella flexneri.

### **58. Adaptive Horseback Riding from the View of the Participant**

Bailey Bare

Eastern Kentucky University

Photo-elicitation interviews were utilized in this study to discover what children enjoy most during their adaptive horseback riding experience.

### **59. Palladium Catalyzed C-C Coupling Reaction from a Computational Quantum Mechanical Perspective**

Kate McPherson

East Carolina University

A computational analysis was performed on an exchange reaction that involves retention of configuration, a palladium catalyst, and charged species, as a model of a related decarboxylative coupling process.

### **60. The Management of International Disasters: A Comparison of Practices**

Emily C. Bartee

Eastern Kentucky University

As the volume and complexity of disasters continue to escalate, the responses to those disasters should be analyzed and holes need to be addressed and fixed.

### **61. Gait analysis using accelerometer and gyrometer data to determine limb length differences**

Dakota Booth, Sagar Modi, Adewunmi Sobowale

Mercer University - School of Engineering

This experiment uses accelerometer and gyrometer data to determine the relationship between angular acceleration, pelvic acceleration, and angle of twist at the pelvis versus limb length discrepancies.

### **62. Communicating in 140 Characters or Less: How It Is Impacting Student Writing**

Morgan Dalton

Eastern Kentucky University

The newest generation of students has created their own lingo for communicating, which revolves around getting their message across as quickly as possible and it is drastically impacting teenagers' writing.

### **63. A comprehensive study of the positive and negative effects of folic acid on embryonic and adult life**

Swapna Sahiti Marella

East Carolina University

Despite folic acid's notoriety as an essential prenatal vitamin supplement for the reduction of neural tube defects, it may be pivotal in development of complications embryonically and in adulthood.

### **64. Redshirting Children: Sports Jargon Meets Kindergarten**

Jessa Hay

Eastern Kentucky University

Holding a child back a year before starting kindergarten has academic and social effects on the individual child, but it affects many of their peers' skills as well.

### **65. Convergence Skills as Demanded by Newspaper Employers and Taught by University Journalism Programs**

Ryan Clancy

East Carolina University

This study examines the issue of journalism convergence at the news industry and university levels through a content analysis of newspaper job ads and university journalism syllabi.

### **66. New Zealand: Threat to Endemic Species**

Luke Black

University of Tennessee at Chattanooga

Invasive species significantly outcompete endemic species in New Zealand. Correspondingly, native species populations have plummeted, many to endangered levels. Measures are being taken to bring native populations back to sustainable levels.

### **67. Synthesis, Characterization, and Reactivity of Ru(II)-phosphite and Ru(II)-NHC Complexes**

Patrick Zdunek

University of Tennessee at Chattanooga

Presentation of research directed towards the synthesis of various ruthenium metal center complexes for use in proposed catalytic hydroarylation of olefins.

### **68. Abracadab-RA: The Power of Honors RA's in a Non-Honors Environment**

Cayla Robinson, Cody Sutphin

Eastern Kentucky University

In this presentation, two RA's will be divulging ideas about keeping Honors students connected and bringing new students to the Honors Program in an apartment-style living environment.

### **69. Cholesterol and phospholipid mixtures**

Genn Delille

University of Tennessee at Chattanooga

Cholesterol is usually present in cell membranes and interacts with phospholipids found in these membranes. I focused on determining the location of cholesterol within the membrane relative to the phospholipids.

### **70. Mechanistic Insight Into Vinyl Chloride-Induced Liver Injury: Role of Dietary Fatty Acids.**

Brenna Kaelin

University of Louisville

Dietary fat plays a critical role in fatty liver disease. Here we determined the role of unsaturated fat in sensitizing the liver to organochlorines via molecular, organelle, and cellular mechanisms.

### **71. Novel C-Co Composites as Anode Materials for High-Energy Lithium-ion Batteries**

Natalie Burdine

University of Tennessee at Chattanooga

To combat reduced capacity and battery-life decline in high-voltage NMC532 and LMR lithium-ion batteries, we explore development of high-voltage electrochemical couples via Co-C composite anodes.

### **72. Responses of Lizard Embryos to Urban Temperatures**

Audeline Kurniawan

The University of Alabama at Birmingham

Puerto Rican Crested Anole embryos were placed in varying incubation temperature regimes to test effects of urban and natural environments. Offspring quality was assessed via measurements of morphology and performance.

### **73. The Phenology and Compatibility of Hazelnut (*Corylus avellana*) cultivation in Tennessee**

Nigel Heard

University of Tennessee at Chattanooga

Recording of the phenology and compatibility of Hazelnut cultivation in Tennessee in order to determine the issue of low seed count as it correlates to poor pollination.

### **74. When Does the Game End? Stress and the College Athlete**

Melanie Martin

University of Tennessee at Chattanooga

College athletes are expected to perform at exceptionally high levels both on and off the field. This paper compares levels of stress among college athletes and their non-athletic counterparts.

### **75. Influence of the Cardiomyocyte Circadian Clock on Diabetes-Induced Alterations in Cardiac ucp3 Expression**

Krishna Shah

The University of Alabama at Birmingham

The inability to sufficiently activate fatty acid oxidation with a disrupted cardiomyocyte circadian clock leads to an increased risk of contractile dysfunction in diabetic patients.

### **76. Culture and Health: You Can Have Both**

Opeletia Helton

University of Tennessee at Chattanooga

This research focuses on how to combat the cultural and psychological connections to food that make African- Americans more susceptible to disease.

### **77. The Role of Extra-Coding RNAs in DNA Methylation Dynamics in Neurons**

Jasmin Revanna

The University of Alabama at Birmingham

We report that extra-coding (ecRNAs) RNAs interact with DNA methyltransferases and regulate DNA methylation. These results suggest that ecRNAs are fundamental regulators of DNA methylation patterns in neuronal systems.

### **78. The Zeros of the Riemann Zeta-Function**

Melissa Miller

University of Tennessee at Chattanooga

We use explicit formulas and Montgomery's method on the pair correlation of zeros of the Riemann zeta-function to study these zeros and their relationship to prime numbers.

### **79. Demographics and Pain Severity in Fibromyalgia**

Natasha Mehra

The University of Alabama at Birmingham

Fibromyalgia is a syndrome involving chronic pain that may be exacerbated by psychosocial stress. We are studying demographic characteristics associated with stress that possibly drive pain severity in fibromyalgia patients.

### **80. Protecting Our Assets: The Economics of Human Trafficking**

Madison Harris

Eastern Kentucky University

Human trafficking has a definite economic structure. The data suggest that criminalizing those who buy prostitutes' services is the most effective way of reducing the incidence of sex trafficking.

### **81. Between Waking and Dreaming: An Exploration of Lucid Dreaming and Potential Treatments/Applications**

Konnor Kuhlmann

The University of Alabama at Birmingham

This presentation explores the physiological effects, current debate in the field of study, and the potential treatments/applications of lucid dreaming.

### **82. Partners in the Parks: Better than Magic**

Abbie Young, Brittany Judson

Eastern Kentucky University

Join two students as they describe their adventures in Mt. Rainier National Park during a Partners in the Park Program, an outdoor experiential learning opportunity provided by NCHC.



### **83.His Son, the Dark Knight**

Piyush Borse

The University of Alabama at Birmingham

Christopher Nolan's rendition of Batman within the Dark Knight Trilogy displays virtues of incorruptible righteousness, love, and sacrifice, donning himself the traits of an allegorical Christ figure.

### **84.Hecate: From Greece to Gaiman**

Alston Singletary

Coker College

Hecate: From Greece to Gaiman is a mini comic that is the result of research on the Greek Goddess, Hecate, and her influence in theology, art, and literature.

### **85.Physical Activity Levels in College Students: a Snapshot of One Campus**

Danielle Ludlam, Sarah Henry, G. William Lyerly

Coastal Carolina University

The health aspects of physical activity are generally studied to promote wellness. This study focuses on the level of physical activity in college students during ordinary, everyday activities.

### **86.Two Terms of the Cuban Counterpoint: Transculturation in the Poetry of Nicolás Guillén**

Alanna Fulk

University of Central Florida

This presentation demonstrates how Nicolás Guillén's use of traditional poetic forms, the son and portrayal of everyday Afro-Cuban life reveal his vision for a transcultured Cuban society.

### **87.Aquaponics: A Catalyst for Growth**

Lindsey Partridge

Abraham Baldwin Agricultural College

Possibilities for growth in sustainable agriculture can open up for sub-Saharan countries in Africa like Namibia if aquaponics is implemented as a farming practice.

### **88.Dvl-2 Mutation Causing Variation of Heart Defects in DiGeorge Syndrome Patients**

Itzel Mendoza

Lawson Community College

In DiGeorge Syndrome patients, the Dvl-2 protein has been attributed to causing mutations that potentially ameliorate or prevent congenital heart defects. This presentation highlights the research used to support this hypothesis.

### **89.Nutrition: The Key to Unlocking Student Potential**

Sonya Haines

Lawson Community College

As the demand for higher test scores increases, research proves that nutrition impacts student learning outcomes. This presentation highlights nutritional practices found in schools across the country and their impact on student learning.

### **90.Protein Expression of ATP Synthase Regulators in Pressure-Overload Induced Cardiac Hypertrophy**

Terry McCollough

ATP Synthase plays a key role in determining the energy state of cells. This presentation highlights how optimizing cardiac energy metabolism has long been a major therapeutic target for treating cardio pathologies.

### **91.Molecular Mechanisms for Thrombospondin 1-induced Calreticulin Recruitment of LRP1 for Signaling Complex Formation**

Julian Dill

Calreticulin is an important protein component for cell adhesion and migration. The binding interaction between Calreticulin and LRP- a low density receptor related lipoprotein- is rather unknown. The goal of this study is to determine the LRP1 binding site.

### **92.Portrait of Albert, Portrait of Taylor, A View From Above**

Alyssa Elliott

University of West Florida

Acrylic on canvas. Oil on canvas. Acrylic, chalk, ink, paper, wood.

### **93.Arbor Victus, Fragmen Vita, Lux Noctua**

Summer Peyer

University of West Florida

Acrylic on Poster Paper. Stained Glass. Acrylic on Canvas.

### **94.Clear Blue Eyes; En Vogue**

Gabriella Groger

Santa Fe College

These works are part of a suite of self-portraits.

### **95.Monster's Reflection, A Bumpy Path, Heptagonal Retrospection**

Tyler Cooper

East Mississippi Community College

Three mixed media art pieces.

**96.Universal**

Alora Cummings

Santa Fe College

Suite of three 2-D work.

**97.Becoming Javier, Hanako, Richard**

Leah Palmer

Santa Fe College

Digital prints.

**98.Dreams and Reality**

Rachel Wichlacz

University of Tampa

Photo.

**99.Complementary Colors, Giselle, Compilation of Fruit**

Keri Jones

Augusta University

Colored Pencil, Graphite, Pastel.

**100.The Road Not Taken: I Took the Less Traveled One and That Has  
Made All the Difference**

Caitlin Davis

Eastern Kentucky University

Photo paper, wood.

**101.Daughter of the Stars: The Shenandoah Valley of Virginia**

Philip Frana

James Madison University

Photo collages.

**102.Made up of Makeup & Crowns Free to Take**

Shannon Wood

Murray State University

Photo Paper.

**103.Inverted Thoughts**

Laura Hearst

University of Tampa

Sailing Away, Transformation of the Sky, City of Darkness. Stoneware.

**104.Foot Fetish, Underwear Fetish 4, Tickle Fetish**

Hunter Pope

Valdosta State University

Black and white film.

**105. Ask and It Will Be Given, No One Has Ever Hated His Own  
Body?, Be Thou My Vision**

Bethany Panhorst  
Armstrong State University  
Oil Paint

**SRHC Business Meeting - 4:30 pm–5:30 pm**  
**Citrus Crown Ballroom**

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Saturday, April 2, 2016

**Breakfast - 7:30 am–8:30 am**  
**Citrus Crown Ballroom**

**Session H - 8:30 am–9:30 am**

**Universal Ballroom F3**

**“Our Northern Friend”: Wickliffe Draper Patron of Scientific Racism**

John Blew

University of Central Arkansas Schedler Honors College

Wickliffe Draper’s Pioneer Fund had one goal: to promote the supremacy of the “white race.” In pursuit of this goal he funneled millions to fund racist studies in academia.

**“WE” the People**

Melvin Kenney

Morehouse College

“WE” refers to population. However, it is never definitively outlined. NYC Corrections Department of Equal Employment Opportunity gives a perspective on equality. I will discuss their history and process.

**The Shackles of White Patronage**

Maximilian Sanders

Morehouse College

The Harlem Renaissance was funded by wealthy white patrons who filtered and refined artistic expressions of black artists and authors. This presentation focuses on the negative impact of white patrons.

**Universal Ballroom F1**

**The Tunisian Spirit of Independence**

Michelle Ramos

Armstrong State University

Unlike Algeria, Tunisia successfully combated French control. Although European influence was extensive, local governments maintained power and after less than fifty years rebellious organizations formed to take the nation back.

### **The Ukrainian Paradox: Roots of Ethnic Divisions in Lviv**

Jessica Doscher

Winthrop University

The roots of Ukraine's ethnic divisions go back centuries. By considering the Soviet influence and inconsistent borders, especially in Lviv, a deeper understanding of these divisions becomes more apparent.

### **The Spirit of the Masses: How the French Experience in Indochina Shaped the Algerian War**

Mae Stuart

University of Tennessee at Chattanooga

French decolonization demonstrated the global effects of domestic political movements. The First Indochinese War heavily influenced both militant strategy and popular sentiment in the Algerian War that followed soon after.

## **Duval**

### **Building Community in a Large Honors Program**

Elizabeth Brannon, Abigail Compton, Victor Hammarin, Shawn Tuman

James Madison University

What does it really take to build community in a program metamorphosing into an honors college? Presenters will share freshman year course planning, student council activities, service and co-curricular projects.

## **Florida Keys**

### **Ernesto Guevara: The Man Behind The Myth**

Ricardo Thompson

University of Tampa

My paper explains how the visual representations (through films and documentaries) of Ernesto "El Che" Guevara have over glorified the man and veered from the truth.

### **The Internationalization of History and Memory: American Public Opinions on Nanjing Massacre**

Kimberly Guo

University of Tennessee at Chattanooga

This research traced the evolving response of American public to the atrocities committed by Japanese troops during Nanjing Massacre, which reflected its complex political contexts and the international relations today.

## **Catalyst and Reaction: The Story of the Petersburg Library Sit-In**

Kayla Pinson

Virginia State University

This presentation recaps a 1960s demonstration to desegregate the library in Petersburg, VA and explains how it came to inspire the civil disobedience paradigm of the Civil Rights movement

### **Hillsborough**

#### **Where Are the Men in Honors?**

Jared Diener, Philip Frana, Bradley Newcomer, Gregory Tomso

James Madison University

This informal roundtable on honors gender-based participation rates will allow participants to discuss experiences and insights from the perspective of their own institutions.

### **Pinellas**

#### **“The First Task”: Finding the Magic of Honors in The First Year as Director**

Kathleen King

Hillsborough Community College

Reflecting on my first anniversary as director, pulling the goals, priorities, and achievements from “the Sorting Hat” helps illuminate the magic in new territory riddled with dragons, dreams and faeries.

### **Universal Ballroom D1**

#### **White Privilege 101**

Helen Bae, Tamara Imam, Paris McClendon

The University of Alabama at Birmingham

This panel aims to lead a discussion about white privilege in our society. We will give an overview of how white privilege has been maintained within several facets of society.

### **Dade**

#### **Sanctuary 2015: Harnessing and Presenting Honors Creativity**

Austin Murdaugh, Samantha Richardson

The University of Alabama at Birmingham

Select visual and literary works from the current edition of Sanctuary will be presented by their authors and others, followed by Q&A on the publishing process and journal design

## Universal Ballroom C1

### **Race-Gender Specific Associations Between Sleep Characteristics, Allostatic Load and Stroke in the REGARDS Study**

Kristofer McKinney

Southern University and A & M College-Baton Rouge

The racial differences in the sleep characteristics of long and short sleep duration and daytime sleepiness among participants of the REGARDS study will be discussed in association with increase risks for strokes.

### **Perceived Self-efficacy Among College Athletes and Recreational Exercisers**

Erin Gallagher, Laura Brown

University of Tennessee at Martin

The purpose of this study was to determine if exercise category, gender, or a combination of both had an effect on self-efficacy before and after a step test.

### **Hedonic Hunger and Societal Factors Affecting Its Rise**

Lily Deng

The University of Alabama at Birmingham

Do you live to eat or eat to live? Hedonic hunger is on the rise, and several societal factors, such as time, advertisements, and social media, can contribute to this.

## Universal Ballroom C2

### **Eat Your Veggies**

Delaney Russell, Anna Pollard, Carla Shapira

University of Tampa

Are you interested in optimal health and nutrition? Join us as we discuss the topic of plant based eating, its impacts on the body, environment, diseases, and cultures.

### **Factors Influencing Food Preferences: A Study of Children in Low-Income Neighborhoods**

Liana Rodrigues

University of Tennessee at Chattanooga

This presentation details how food deserts limit a child's food preference development, and it delves into the literature available regarding how food preferences are formed. An alternative intervention is proposed.



## **Genetically Modified Organisms (GMOs) and the Human Health: The Proponents, Opponents and Consensuses**

Michael Agbor

Southern University and A & M College-Baton Rouge

The consequences of Genetically Modified Organisms (GMOs) to human health and the human population at larger. The review of literature leads to a simple, but imperative question: Are GMOs a threat to Humans?

### **Universal Ballroom C3**

#### **Healthcare Exploration Across Cultures**

Alice Darling

University of Louisville

With the increasing importance of cultural literacy, honors programs can better prepare students of any discipline by supporting their experiences abroad.

#### **Socioeconomic Status and Navigating the Healthcare System**

Adrienne Michael

University of Louisville

How can we bridge the gap between disadvantaged patients and healthcare? I propose an alternative approach to health care, using a philosophical perspective and Louisville community case study.

### **Universal Ballroom D2**

#### **Complementary and Alternative Methods to Lung Cancer That Affect the Quality of Life**

Catie Cofield

Armstrong State University

This session will inform others on lung cancer, specifically on the interventions used (both conventional and alternative) and the effects on the quality of life for those suffering.

#### **The McCarthy Model: Optimizing a Mathematical Model of Adoptive IL-2 Immunotherapy**

Sean McCarthy

Birmingham-Southern College

A mathematical model of Adoptive IL-2 Immunotherapy was optimized using a cost function. This model was altered to express varying levels of antigenicity, allowing for multiple cases to be considered.

## **PAM-1 and autophagy pathways intersect to regulate gametogenesis in *Caenorhabditis elegans***

Ashley Munie

Murray State University

Autophagy is the cells “recycling system”. A gene involved in mediating autophagy in other organisms governs fertility in *C. elegans*. We examined the involvement of autophagy in *C. elegans* gametogenesis.

### **Universal Ballroom D3**

#### **The Effects of Metatarsal Pads on the Forces Inducing Metatarsal Stress Fractures**

Gabriel Gonzalez

Mercer University - School of Engineering

This study investigates how metatarsal pad material type impacts force distribution to the ball of the foot and identifies the best metatarsal pad material type for walking, jogging, and playing tennis.

#### **Pediatric Healing Standards Based on Microscopic Analysis of Fractures in Child Abuse Cases**

Sharon Roller

Radford University

This project utilizes images taken with a digital light microscope (Keyence VHX-1000) to examine microscopic evidence of bone healing processes in child abuse cases to determine time since injury.

#### **A Cost-effective Mechanized Ankle Prosthetic for Lower Limb Prosthetic Patients**

Brett Eckles, Bradley Young

Mercer University - School of Engineering

A low-cost, mechanized ankle joint capable of supporting a 150-lb person and providing toe-off forces to simulate a natural gait cycle was designed, constructed, and tested.

### **Universal Ballroom E1**

#### **The Issue of Low Health Literacy in Urban Environments**

Ajit Deshpande

University of Louisville

This presentation will focus on the issue of low health literacy in under-served, immigrant, and refugee populations of urban environments, as well as possible solutions to this serious problem.

## **An Introduction to Polyphasic Sleep**

Troy Sterling

University of Louisville

A growing trend, polyphasic sleep involves the scheduled reduction of sleep to maximize waking time. Explore the theory and implications behind adopting such a sleep pattern.

## **The effects of phosphorylated focal adhesion kinase on renal cell carcinoma development and progression**

Saanyol Suswam

Miles College

Purpose: Renal cell carcinoma (RCC) is among the ten most common malignancies in the United States. Prognosis for advanced disease is poor and available therapies are ineffective.

### **Universal Ballroom E2**

## **The Effect of Thinned Trabeculae on Bone Mechanical Properties, a 3D Printed Model Study**

Arielle Black

Winthrop University

Trabecular bone is an important indicator for poor bone quality. Using 3D printing and FEA software to map stress distributions, areas of highest stress leading to tissue failure were identified.

## **The Heroin Epidemic: A Prescribed Crisis**

Madeline Perigaut

University of Tampa

The rise of our country's heroin epidemic is directly related to the rise of prescription opioid painkillers. One prescription is not worth a lifetime of addiction.

## **A Possible Connection between Lou Gehrig's Disease and Multiple Sclerosis**

Kelly McLean

Northern Virginia Community College

A talk focusing on the similarities of protein folding between Multiple Sclerosis and Lou Gehrig's Disease.

### Universal Ballroom E3

#### **Our Dynamic Supreme Court and the Rights of Students**

Dixie Richards

Armstrong State University

My research explores the dynamic composition of the Supreme Court throughout American history, and how its makeup has affected decisions made for American students.

#### **Finding The Lost: Identifying Confederate Graves in Greenwood Cemetery**

Abigail Fuller

Andrew College

This research project takes a journey through Confederate, as well as local history, to identify the remains of over 150 unmarked graves in Greenwood Cemetery in Cuthbert, Georgia.

#### **Simulating and Evaluating the Girandoni Air Rifle**

Paul Johnson, Cameron Underwood

Mercer University - School of Engineering

The Girandoni air rifle carried on the Lewis and Clark Expedition was replicated using a paintball marker modified to fire .50 caliber round shot. Performance was compared to historical claims.

### Volusia

#### **History of Terror**

Brian Schmidt

East Mississippi Community College

What creeps people out? Why are we fascinated with fear? This paper explores the media and usage of terror by people throughout history.

#### **How American Society May Make the Social Contract Theory Obsolete: An Exploration through Chuck Palahniuk's Fight Club**

Emily McAndrew

University of Tennessee at Chattanooga

Chuck Palahniuk's novel Fight Club depicts America's absence of a fear motivator to express how Thomas Hobbes's Social Contract Theory is irrelevant in a society with no fear of anarchy.

## Universal Ballroom F2

### **Mom: Perspectives on motherhood and the choices women face**

Elizabeth Banfield

Gardner-Webb University

This non-traditional documentary thesis combines video, writing, and photography which will take you on a journey through personal stories of motherhood and the choices that face women daily.

### **African Birth Rituals**

Sarah Cooper

Radford University

This project explores African birth rituals and compares them across several tribes. Research focused on the use of dance within these rituals and on the perception of twins after birth.

### **The underestimated disparities of teenage pregnancy**

Melissa Bigger

University of Tampa

Teenage pregnancy is prevalent in the U.S. However, the consequences are inadequately addressed. Acute and developmental health complications, limited opportunities, and financial hardships contribute to overlooked disparities within society.

## Broward

### **Why Johnny Doesn't Flap: Autism, Children's Literature, and Satire as Pedagogy**

Gail Morton, Clay Morton

Middle Georgia State University & Mercer University

A discussion of how honors pedagogy, satire as a vehicle for deconstructing societal prejudices, and critical assessments of children's literature about autism resulted in a popular satirical picture book.

## Session I - 9:45 am–10:45 am

## Dade

### **Netflix and GPA?**

Julia Boorse, Bria Adams, Casey Gregory, Rebecca Turner

University of Tampa

This presentation will present the findings of our research about the correlation between online video streaming service (e.g. Netflix) use and academic performance among college students.

## Florida Keys

### **The Developing Female Role in Nigeria and British Colonization**

Ashish Lalani, Ashmita Dalwadi

Augusta University

Women have traditionally occupied influential sociopolitical roles in the Nigerian community. Following British Colonization, however, the roles of women were disparaged as a patriarchal regime was forced upon the Nigerians.

### **The Whitewashing of Hispanic Americans**

Michelle Naranjo Tabares

Lander University

Hispanic. Gringo. Mexican. Immigrant. Nadie.

Meet three Hispanic Americans narrating their stories of cultural stereotypes while attempting to break a nation's attitude towards labeling.

## Hillsborough

### **Transferring from Two-Year to Four-Year Honors: Community College Articulation Agreements in Florida, Tennessee, and Virginia**

Philip Frana, Linda Frost, Tai Houser, Stacy Rice, Henley Schimpf

James Madison University

Community college honors students often transfer to four-year honors programs via articulation agreements; what do these agreements look like and how successful are they? How can we improve upon them?

## Pinellas

### **Assessing Honors Admissions Essays as Predictors of Student Success**

Gordon Byrd

UNC Pembroke

Statistical research comparing predictive qualities of the admission essay with other entrance material, such as SAT, ACT and High School GPA.

## Sarasota

### **How to Make or Break an Innovation Lab**

Rachel Emond, Andi Kur, Greg O'Dea, Zeke Starr, Jason Weber

University of Tennessee at Chattanooga

Innovation Labs are characterized by several elements that affect student and faculty experience. In this panel, we will discuss why these elements are crucial for the outcome of the lab.

## Universal Ballroom F2

### **UReCA! An Undergraduate Web Journal of Research and Creative Activity**

Russell Helms, Rebekah Assid, Alea Coble, Joshua Freeman, Grace McPherson

University of Tennessee at Chattanooga

Through an honors class, students at UTC are spearheading the effort to create an undergraduate journal of research and creative activity.

## Universal Ballroom C1

### **Food of the Gods: What's God having for dinner?**

Caleb Hilyer

The University of Alabama at Birmingham

For many religions, food is as important to the gods as it is to the mortals that worship them. I will examine the root cause behind the similarities and differences.

### **The Origin and Evolution of the Restaurant**

Rebekah Vigil

University of Tampa

The role of the restaurant modern society, with its connection between producers and consumers, is increasingly relevant as the world seeks sustainable solutions to social, economic and environmental challenges.

## Universal Ballroom C2

### **Music-related Activities, Genres, and the Benefits**

Julia Rollins

Seminole State College of Florida

My presentation is about music-related activities, genres, and the benefits I've seen it have in my life.

### **Songs of Innocence and Are You Experienced?**

Mary Parker Haynie

East Mississippi Community College

This project analyzes music lyrics from different artist since the 1920s into current day and compares them to William Blake's "Songs of Innocence and Experience."

### **John Lennon and His Music**

Cassidy Parker

Limestone College

Presentation on John Lennon's career and political motivations.

### Universal Ballroom C3

#### **The Evolution of African Music**

Princess Anene-Maidoh

University of Tampa

Africa is a very rich continent especially in music. Come, and discover all the beautiful sounds it has to offer from ancient times to the present day.

#### **The Impact of Music And How It Shapes Our Lives**

Andrew Bass

Miles College

Music affects anyone who listens to it, and depending on the type of music that is being listened to, a person's behavior, mood, and mental state will model it.

#### **Chronicling the Developments of The Double Reed**

Jenna Sehmman

Eastern Kentucky University

Over thirty-six years, The Double Reed served as an important publication in the field of music. This study tracks the evolution of music research in the double reed field.

### Universal Ballroom F1

#### **From Neruda to Parra: an analysis of aesthetic and socio-political aspects of "chilenidad" in the contemporary era**

Julia Lindberg

University of Central Florida

This study examines constituent factors of "chilenidad" and aims to explain the anomalies in the Chilean case in comparison to the rest of Latin America.

#### **Realism Gone Awry: Analyzing the Corruption of Democracy in Russia**

Cody Knight

Winthrop University

The failure of political theorists to define the term "national interest" in concrete parameters hinders prudent decision making in international relations, and contemporary Russian democracy serves as an example.

#### **Building State Capacity in Armenia**

Gracie Billingsley

Northern Virginia Community College

The Republic of Armenia has suffered from multiple devastating economic and political crises. Because of this Armenia needs to gain state capacity.



### Universal Ballroom F3

#### **Examining Our Humanity through the Salzburg Global Seminar**

Sara Ulrich

Seminole State College of Florida

Whom does society consider human? That sounds like an easy question, but modern humanity is unaware it is dealing with a values crisis.

#### **Increased Polarization in U.S. Public Opinion**

Ashley Morales-Pacheco

University of Tampa

This project concerning increased polarization in the U.S. over the past 45 years proposes three explanatory theories involving changing political party views, changing religious views, and increased immigration.

#### **The Priorities and Accomplishments of Kentucky Legislators: Is there a Gender Difference?**

Amanda Allen

University of Louisville

Exploring if there are gender differences in the priorities and perceptions of accomplishments among Kentucky state legislators.

### Broward

#### **Under the Microscope**

Kiara Thomas, Emmanuelle Yeremou-ngah

University of Tampa

Explore how the invisible chains of our society restrict the growth of people incarcerated in our criminal justice system and play a significant role in our high rate of recidivism.

Session J - 11:00 am–12:00 pm

### Duval

#### **The Seduction of Literature**

Kaitlyn Peacock

University of West Florida

An exploration into the dark nature of humanity through literature. This presentation will make you question why we enjoy stories that don't always have happy endings.

### **The Three Theban Plays and the Downfall of a King Through Incest**

Ariel Seiber

University of Tennessee at Chattanooga

The social norms of ancient Greek culture influenced Sophocles to express Oedipus's shame and agony when he discovers that his wife is also his mother in The Three Theban Plays.

### **In the Shadow of the Banyan and Animal Farm: Marxist Ideals and Actions in Discord**

Elliott Geary

University of Tennessee at Chattanooga

Commentaries on Vaddey Ratner's "In the Shadow of the Banyan" have ignored the novel's exploration of the tension between socialist theory and the actions of an authoritarian regime.

## **Dade**

### **Abstract Attraction: An Original Film Inspired By Marker's La Jetee (1962)**

Onyekachi Osuji

University of Tampa

Patterned after the avant-garde science fiction featurette La Jetee (1962) by experimental French filmmaker, Chris Marker, this project features an original short film, which exhibits how the mind is involved in the creation of an emotional connection.

### **Dancing Through 5 Dimensions**

Michael Richardson

University of Tampa

Dance choreography looks different from each angle you look at it. What happens when you collapse them to one? Find out with Dancing Through 5 Dimensions.

## **Florida Keys**

### **Honors Congress: Student-Led Recruitment**

Annalise Sigona, Matthew Berry, Emily Carson, Kaitlyn Tutt

University of Central Florida

Honors Congress, the official student organization of The Burnett Honors College, will share their experiences with student-led recruitment, as well as their recruitment goals for the upcoming year.

### **Honors Access: The State of the Honors Program at Gordon State College**

Rebecca Walls, Catherine Crawford, David Janssen

Gordon State College

This presentation will document the past, current, and future estate of the Honors Program at Gordon State College.

### **Researching Research**

Caitlin Parker

Appalachian State University

An in depth look at Appalachian State University's Honors College thesis process, the hidden barriers to student research, and ways to overcome them.

## **Broward**

### **Honors Ambassadors: Wizards of Recruitment & Retention**

Shawn Zamani

Hillsborough Community College

A presentation and discussion on factors that lead to a successful ambassador program. learn how HCC Honors ambassadors are selected and how they assist in recruitment and community building.

### **Been There, Done That, Got Your Back: The Importance of Mentors for First Year Students**

Hannah Mizell, Alyssa Elliot

University of West Florida

The Kugelman Honors Program gives upperclassmen the opportunity to mentor new Honors students. This presentation will discuss how the Kugelman Honors Program organizes this feature as well as its benefits.

### **Connecting with first-generation college students**

Angela Mead

Appalachian State University

First-generation college students comprise nearly half of all students, many are also honors students. This session focuses on ways to best help first-generation honors students to thrive.

## **Universal Ballroom C1**

### **Raised Afraid: The Media's Influence in Heightened Fear of Terrorism**

Paige Fetters

Eastern Kentucky University

This presentation explores the psychological effects of mass-mediated terrorism on Americans following the September 11, 2001 attacks.

## **The Outbreak of Fear: Ebola and Mass Media in the US**

Jessica Lowry

Coker College

We studied the role of mass media in shaping perception about Ebola. A survey was used to assess knowledge and concern. The relationship between media coverage and concern was examined.

### **Universal Ballroom C2**

#### **Spellbound in the Swamp**

Kathleen King, Dustin Lemke, Angela Mick

Hillsborough Community College

The Everglades was site to the most recent Partners in the Parks Project. It's a superlative team that makes these projects so successful.

#### **Honors National Park Research Volunteers**

David Kime

Northern Kentucky University

Students in an upper level seminar class immerse themselves as researchers at Mammoth Cave National Park in preparation to volunteer and present at the park's interdisciplinary research symposium.

#### **Louisville As Text**

Brooke Moody

University of Louisville

An exploration of Louisville culminated in a blog series that delves into the history, social constructions, and economy of Louisville neighborhoods, proving that there's much to learn from a neighborhood.

### **Universal Ballroom C3**

#### **Displaying History- How A Local Historical Society Portrays Their Community**

Ann Williams

Valdosta State University

"Displaying History" uses the anthropological theory, the politics of representation, to study the differences in how a local historical society defines their community as compared to the actual community.

#### **Patriotism Through the Ages**

Isaac Baggett

East Mississippi Community College

Patriotism has given this country fuel to thrive and be the best it can be, or at certain times, tear us down. This paper explores patriotism in the 20th century.

## Universal Ballroom F1

### **Nerds in Their Natural Habitat: Exploring Honors Housing at Gardner-Webb University**

Hayden Corley, Alice Byrd, Chelsea Sydnor

Gardner-Webb University

University dormitories determine college experiences. This presentation explores the costs and benefits of Honors housing versus non-Honors in terms of community, academic environment, and perception of honors students on campus.

### **Honors in Housing: Collaboration and Promoting Diversity and Inclusion in Mixed Areas**

Matthew Watkins, Kaitlyn Peacock

University of West Florida

This session will explain the Honors RA role, exploring the balance between Honors and Housing, and show how we overcome challenges.

## Universal Ballroom F2

### **Herd for Hire and Other Innovative Funding Solutions: Reaping the Benefits of Hard Work**

Aaron (AJ) Horner, Amanda Smyle

Gardner-Webb University

Gardner-Webb University's Honors Student Association funds academic and social program through the use of innovative fundraising opportunities. This presentation explores some of the most successful of these fundraisers.

### **Are You Hearing Me? : Using the Good-Better-How Feedback System to Increase Interest in Honors Events**

Anthony Noll

University of West Florida

This presentation examines the benefits of the Good-Better-How Feedback System, the different ways of implementing the system, and using it to get more students involved in Honors events.

### **Planning a Large Scale Honors Commencement Reception**

Megan Woodlief

East Carolina University

The ECU Honors College celebrated the graduation of its inaugural class with a new, large-scale commencement event. This session will reveal lessons learned and logistics, budget, and program design.

## Universal Ballroom F3

### **Block Party Gone Wild**

Philip Tice

Jacksonville State University

“Block Party Gone Wild” was a service project carried out by students designed to relieve some of the depression faced by lower-income families in government housing in the area.

### **Spaces and Places for Honors: Growing your Community from the Classroom to the Honors Center**

Paul Fitzgerald, Stacy Rice

Northern Virginia Community College

A community is influenced by its space. We expand on what a “space” is to include using existing spaces and creating “space” for Honors on campus and in the community.

### **Building Community across Campuses**

Caroline Mayes-Cooper

Southeast Kentucky Community and Technical College

At a small institution spread over 5 campuses, interaction can be difficult for faculty and students alike. Our Honors Program strives to build our community both on and off campus.

**SRHC Executive Committee Meeting - 12:15 pm–1:45 pm**  
**Mangrove**

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