

SOUTHERN REGIONAL HONORS COUNCIL

45TH ANNUAL CONFERENCE

Diving into Diversity
Obligations and Opportunities in Honors Education

Renaissance Hotel in downtown Asheville.
March 30 – April 1 2017
Asheville, North Carolina

Hosted by
University of North Carolina at Asheville





Southern Regional Honors Council

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Student: Bayla Bessemer (2016-2017)
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2017 Conference at a Glance

Thursday, March 30, 2017

8:00 a.m. – 5:00 p.m.: Registration
9:00 a.m. – noon: City as Text™
12:30 p.m. – 1:30 p.m.: SRHC Executive Committee Meeting
1:00 p.m. – 1:30 p.m.: Moderator Meetings
2:00 p.m. – 3:00 p.m.: Session A
3:15 p.m. – 4:15 p.m.: Session B
4:30 p.m. – 5:30 p.m.: Session C
5:30 p.m. – 6:30 p.m.: Reception in the Top of the Plaza (12th floor of the Renaissance)
6:30 p.m. – 7:30 p.m.: Dinner on your own
7:30 p.m. and beyond: 2017 Gala, a private concert featuring local music at New Mountain Asheville (doors open at 7:00 p.m.)

Friday, March 31, 2017

7:00 a.m. – 5:00 p.m.: Registration
7:30 a.m. – 8:30 a.m.: Breakfast
8:30 a.m. – 9:30 a.m.: Session D
9:45 a.m. – 10:45 a.m.: Session E
11:00 a.m. – noon: Session F
12:15 p.m. – 1:45 p.m.: Luncheon and Keynote
2:00 p.m. – 3:00 p.m.: Session G (**Note:** set-up time for posters and art)
3:15 p.m. – 4:15 p.m.: Session H (posters, art, and film and musical performances)
4:30 p.m. – 5:30 p.m.: General Business Meeting
5:30 p.m. and beyond: Dinner on your own, and time to explore Asheville!

Saturday, April 1, 2017

7:00 a.m. – noon: Registration
7:30 a.m. – 8:30 a.m.: Breakfast
8:30 a.m. – 9:30 a.m.: Session I
9:45 a.m. – 10:45 a.m.: Session J
11:00 a.m. – noon: Session K
12:15 p.m. – 1:45 p.m.: SRHC Executive Committee Meeting

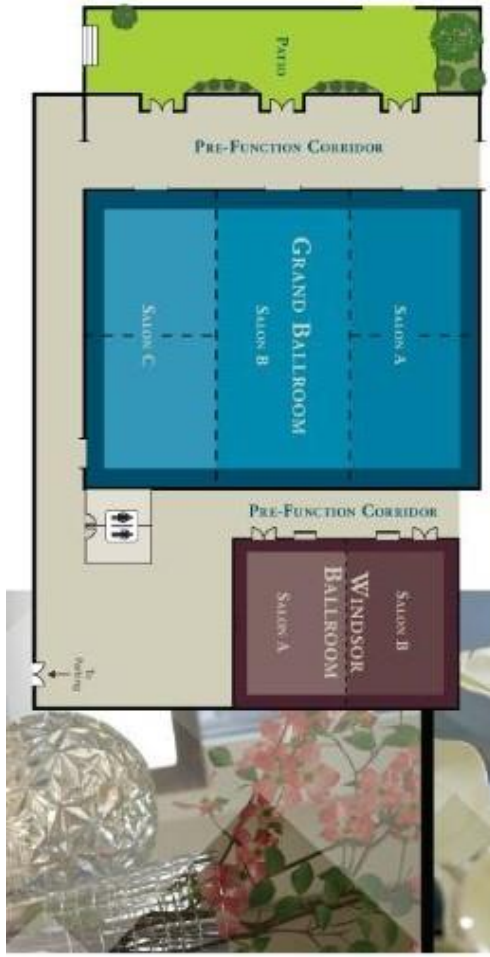


THE GRAND BALLROOM | FIRST FLOOR
 The Grand Ballroom offers more than 8,000 square feet of dynamic space and can be divided into three separate salons.

THE WINDSOR BALLROOM
 If you're hosting a more intimate meeting, the Windsor Ballroom, at 2,400 square feet, will be a great fit. The Windsor can also be divided into two separate salons.

THE PATIO
 The Patio, with its interesting iron and glass roof, is just a few feet from the front porch of Thomas Wolfe's boyhood home, one of Asheville's most historic landmarks. The Patio is a favorite spot for meetings and receptions with up to 100 guests.

Dimensions	24'x90'	102'x20'	77'x105'	77'x34'	77'x34'	77'x34'	60'x40'	30'x20'	30'x20'
Square Footage	2,160	2,040	8,075	2,600	2,600	2,600	2,400	1,200	1,200
Ceiling Height	N/A	14'	12'	12'	12'	12'	N/A	N/A	N/A
Theater	200	N/A	800	250	250	250	200	80	80
Classroom	N/A	N/A	500	150	150	150	112	48	48
Conference	N/A	N/A	N/A	50	50	50	44	20	20
U-Shape	N/A	N/A	N/A	50	50	50	34	28	28
Hollow Square	N/A	N/A	N/A	60	60	60	44	30	30
Banquet	72	N/A	540	162	162	162	144	56	56
Reception	100	200	1,000	300	300	300	N/A	N/A	N/A



THE SECOND FLOOR MEETING ROOMS
 The second floor of the hotel has six spacious meeting rooms ranging from 432 to 1,080 square feet. These rooms are ideal as breakout rooms and, of course, meeting rooms for groups of 20 to 100.

Dimensions	48'x18'	48'x18'	27'x24'	60'x18'	24'x18'	24'x18'
Square Footage	864	864	468	1,080	432	432
Ceiling Height	8'	8'	8'	8'	8'	8'
Theater	100	100	40	125	50	50
Classroom	50	50	20	60	20	20
Conference	30	30	20	40	20	20
U-Shape	25	25	15	30	15	15
Hollow Square	25	25	15	30	15	15
Banquet	60	60	32	64	32	32
Reception	100	100	50	125	50	50



TOP OF THE PLAZA | TWELFTH FLOOR
 The top floor of the hotel is the ultimate space for meetings and receptions. The views are amazing and the space is dynamic. The top floor also features our executive boardroom, Oakland Heights, a perfect place for VIP meetings.

Dimensions	24'x28'	79'x18'
Square Footage	552	1,422
Ceiling Height	8'	8'
Theater	N/A	N/A
Classroom	N/A	N/A
Conference	14	N/A
U-Shape	N/A	N/A
Hollow Square	N/A	N/A
Banquet	N/A	135
Reception	N/A	200





General Conference Information

Welcome to Asheville!

Nestled in the Blue Ridge Mountains in the heart of Southern Appalachia, our small city boasts both unrivalled access to outdoor activities of every kind and a thriving arts and entertainment scene. We hope that you will be able to take an extra day to explore the area. Whether you're into hiking, biking, kayaking, camping, climbing, or fishing, you'll find a natural excursion that matches your interests. When the day is done, you can sample from Asheville's offering of restaurants, breweries, art studios and galleries, and performances.

There's so much to see around town that it's almost a crime for us to offer up such a delectable platter of ideas and events! A number of UNC Asheville folks will be on hand throughout the conference to help you find your way around the hotel, and around town. If you have any questions about the local offerings, please don't hesitate to ask one of our students, staff, or faculty.

Oral Presentations, Research Panels, Posters, and More!

This year's conference features over 250 oral presentations and several research panels, all offering innovative insights on everything from gender theory to molecular biology. We have endeavored to group oral presentations into sessions with like talks so that folks coming to support one presenter will find themselves enlightened by talks on a similar subject. However, we encourage you to branch out and attend talks on topics outside of your own area. Growth takes daring and discomfort, and we hope you will challenge yourself to grow in the next few days.

Administrative Roundtables

These sessions, all taking place on Saturday morning, are designed to allow faculty and administrators the opportunity to discuss various areas of administrative concern. Facilitators in each roundtable will introduce the topic and provide some insight based on their own experience. Overall, these sessions, will provide structured settings for us to share best practices with one another.

Conference Badges

Please wear your badge to all meals and meetings; they will be necessary in order to participate. If you or someone in your party is missing a nametag, please see the registration table. Replacements may entail additional cost.

Information for Presenters

Please adhere to the timetable posted in the conference program. (Moderators will assist with timekeeping in all sessions.) Presenters should have their presentation ready on a flash drive and should arrive at the room they are presenting in early so that they can load their presentation onto the computer well ahead of the start of the session. Any time lost in loading and accessing presentations will be taken from the presenter's speaking time. Please note that there is no internet in the breakout rooms; please plan for this in advance.



SRHC General Business Meeting and Elections

The SRHC General Business Meeting will take place on Friday from 4:30 p.m. to 5:30 p.m. Elections of students, faculty, and staff to the Executive Council of the SRHC will occur at the business meeting. Moreover, the financial report, information about future conferences, other business, and the Roll Call of the States will take place. The meeting is open to all conference attendees.

A Note on This Year's Conference Theme

In March of 2016, days before UNC Asheville agreed to host this conference, the North Carolina state legislature passed HB2, a piece of legislation that was quickly signed into law by then-Governor Pat McCrory. The law imposes an unprecedented curtailment of the power of municipalities, counties, and other local districts to enact anti-discriminatory laws that offer protections stronger than those provided at the level of the state. HB2 facilitates legal discrimination on the basis not only of a person's gender and sexuality but of any other characteristic or identity. It also bars any county or community from setting a minimum wage higher than that mandated by the state. Several groups (including the Federal government) brought suit against the state, challenging HB2's constitutionality, and Roy Cooper, now Governor and then the state's Attorney General, vowed to not defend the law.

With the potential impact of HB2 fresh in mind, my colleagues and I at UNC Asheville pledged to work with a wide variety of local partners, sponsors, and businesses to ensure that all of this conference's attendees would be afforded equitable treatment and opportunity during their stay in Asheville. Though far from perfect, Asheville strives to be a welcoming community that embraces difference and diversity, and we want all conference participants to experience a sense of welcome.

We chose this year's conference theme in direct response to HB2, both its letter and its spirit. Our hope is that conference-goers will help one another to highlight not only the opportunities available to outstanding honors students but also the obligations such students have as informed citizens and engaged leaders. We hope that we can all challenge one another to own up to our own prejudices and privileges, and to find ways to form a more just society. We ask all attendees to consider the roles that honors education and administration can play in furthering diversity, equity, and inclusion in all of our communities.

We have invited a number of nonprofits and advocacy groups that work with marginalized communities to share literature and outreach materials at the conference, and we have compiled a list of downtown businesses that feature gender-neutral bathrooms or promulgate other inclusive business practices. (This list can be found at the end of this program.) We hope that you will join us in supporting these businesses in their work during your stay in Asheville!



2017 SRHC Keynote Speaker

Friday, March 31, 12:15 p.m. – 1:45 p.m.



Professor D. James, Department of English University of North Carolina, Asheville

Dr. Deborah (Dee) James is a Professor of Literature and Language at UNC Asheville (also an Alum of this institution) where she has taught freshman writing and a variety of literature and Humanities courses for over 30 years. Her training and background are in Rhetoric and Composition (with a Ph.D. from USC Columbia). She directs UNCA's First Year Writing Program and was also the University Writing Center Director for over 16 years. Her twin passions are the teaching and learning of writing and creating and sustaining inclusive communities. Central to her work is exploring how and why stories are constructed, preserved, and passed on and what they mean, personally, culturally and socially. Dr. James is convinced that sharing our stories has the greatest potential for helping us understand each other and the multiple worlds and identities we inhabit. She also believes this work is one of many ways to actively change the world.



2017 Conference Gala: *A Night of Mountain Music*

Our Thursday night social gala will feature an evening of local music at New Mountain Asheville, a premier downtown venue! The doors will open at 7:00 p.m. and the first act takes the stage around 7:30. Our line-up includes bluegrass/Americana band **Eleanor Underhill and Friends**, UNC Asheville's own African drum ensemble **Afrocan**, and the eclectic stylings of **Godot Figure**, fronted by Western Carolina University Assistant Professor of English Beth Huber!

A full bar will be available, with wristbanding at the door. Please wear your conference badge to gain admittance. The concert will end around 11:00 p.m.



Acknowledgments

This weekend's conference would not have been possible without the indefatigable assistance of a number of people, many of whom will have worked tirelessly on this conference, in advance of the event and during the conference itself, to ensure that all goes well. As this year's Conference Chair, I would like to take a moment to acknowledge the help that I've received during the past several months.

First off, my thanks to the organizers of the conference for the past few years, in particular Jennifer Vallin, Greg Tomso, Steven Engel, and Jonathan Roberts. They, along with Phil Frana, have put up with various barrages of emails related to everything from catering costs to poster stands. Speaking of which, thanks go to Phil Frana and James Madison University, and UNC Asheville's own Director of Undergraduate Research, Mark Harvey, for the loan of fifty poster stands each!

The UNC Asheville Honors Program Assistant, Carrie Plaxco, and Candace Dove, our contact in the UNC Asheville Finance Office, have proven indispensable in managing registrations and payment, as well as countless other behind-the-scenes tasks. I am grateful, as well, for Holly Beveridge and Sylvia Pierce, my colleagues in UNC Asheville's Cultural Events and Special Academic Programs office. They, along with the Renaissance Hotel's Suzanne Escovitz and Christine Gire, helped me to coordinate on-site planning.

Another of my thank yous goes to the National Collegiate Honors Council, for their generous sponsorship of this year's, and past years', Southern Regional Honors Council meetings. This acknowledgment by the national organization is gratifying.

Finally, and perhaps most of all, my gratitude goes to the UNC Asheville Honors students. They have helped to review proposals, construct the program, reach out to area nonprofits and advocacy groups, survey local businesses regarding inclusive practices...you name it, they've done it. Special thanks go to first-year honors students Marissa Moxley and Dylan Jones for designing this year's program, and to second-year honors student Mia Dadian for managing our social media.

There are too many more students who've helped to name them all individually here, but I hope that you will thank anyone you see in a Bulldog Blue polo shirt in the new few days. They're as excited about putting on a good show as I am.

Please enjoy the conference and your time in Asheville. We are at your service during your stay.

Yours humbly,

Patrick Bahls
UNC Asheville
Director, University Honors Program



Conference Schedule

Thursday, March 30, 2017

Registration: 8:00 a.m. – 5:00 p.m. (Grand Ballroom Foyer)

City as Text™: 9:00 a.m. – noon (Grand Ballroom, Salon B)

SRHC Executive Committee Meeting: 12:30 p.m. – 1:30 p.m. (Oakland Heights, 12th floor)

Student Moderator Meeting: 1:00 p.m. – 1:30 p.m. (Grand Ballroom Salon A-1 and A-2)

SESSION A – 2:00 P.M. TO 3:00 P.M.

Alexander (second floor)

Slave and Master Morality Exemplified in Modern Hazing

Shannon Wade

Young Harris College

I will explore the correlations between the master morality and the first-hand accounts from pledge trainers as well as the similarities between the slave morality and the first-hand accounts from pledges.

Quantifying a Transformative Freshman Honors Experience from Questionnaire to Competency

John Bartlett

Campbell University

NSSE and YFCY surveys are used in a hierarchical regression and PCA modeling environment to clarify differences in Honors freshman experience and create metrics of professional and value formation for use as institutional behavioral competencies.

Not All Who Wander Are Lost

Bayla Bessemer

University of West Florida

Standard lectures can leave more to be desired, two students bring forth a solution. It's time to wander in your field rather than wonder over the content of the classroom.

Berkeley (second floor)

Imperial Correlations between Eastern Occupation by the German Kaiserreich and the Nazi Reich

Laura Guebert



Murray State University

This project draws on the research of figures such as Shelley Baranowski, Vejas Gabriel Liulevicius, and Timothy Snyder to examine the correlations between imperial enterprises of the Second German Empire and the Nazi Empire.

The German Divide: How the Western Occupation Influenced a Nation

Tiffany Fabian

Northern Virginia Community College

My research is on the cultural and political divisions between East and West Germany from World War II through the modern era. Using my personal experiences, I will discuss how Western culture effected the German people, particularly in Berlin.

Cherokee (second floor)

Misconceptions of Deafness and Deaf Culture and the Obstacles They Present to the Daily Life of a Deaf Individual

Leila Caughran

Armstrong State University

Obstacles are created when members of the hearing world lack understanding of Deaf culture. Hearing people's assumption that the deaf are inept strips them of independence, making the misconceptions more of an obstacle than the disability.

The Blind Perspective: Analyzing the Differences Between 20/20 and 20/200 Vision

Kaley Outlaw

Eastern Kentucky University

This presentation discusses the different perspectives of people with 20/20 vision and what is considered the point of legal blindness, 20/200 vision. Perspectives can change. Come see the world through a different set of eyes!

Disabled Students and Corporal Punishment in the School System

April Lay

Southeast KY Community & Technical College

Many public schools which allow corporal punishment do not differentiate between students who are disabled and those who are not. I will be discussing the types of physical punishment, the effects they have, and the laws protecting the schools.

Eagle (second floor)

Exploring the Role of Corporate Social Responsibility (CSR): European Fashion Corporations' Compliance and Future with CSR

Maria Amiel

Georgia Southern University

This research seeks to analyze how corporate social responsibility (CSR) provides tools and skills for corporations in effort to improve their human rights practices with a goal to offer policy based on CSR values for fashion corporations in France.

Biologically Derived Polymers and the Triple Bottom Line

Justin Burroughs

Catawba College



Biologically-derived polymers have a major impact on business all over the world. We discuss these materials in relation to the "Triple Bottom Line" of economic, social, and environmental outcomes.

Deforestation and Residential Development in Loudoun County, 1992-2011

Colin Flynn

Northern Virginia Community College

This oral presentation looks at the connection between population increase and deforestation, specifically in Loudoun County, using GIS created maps as visuals.

Grand Ballroom A-1 (first floor)

Research Panel Presentation

Students in the Streets: Tales of a Critically Conscious Community Engaged Research Course

Cherese Childers-McKee, Thomas J. Howarth, J. Stacy Utley, Sarahan Moser, Elizabeth Witham, Kenia Rios, and Morgan Karlok

UNC Charlotte

This panel presentation will offer information about creating an engaging, rigorous honors course that possesses a critical social justice perspective and focuses on fostering positive university/community relationships.

Grand Ballroom A-2 (first floor)

(Food) Diseases Caused by The Mediterranean Diet vs. The American Diet

Abraham Justin, Brooklyn Howell, and Kaela Patrick

Chattanooga State Community College

We examine the Mediterranean diet, which is high in whole grains, fruits and vegetables, and discuss how our research support the hypothesis that this diet is healthier than the typical American diet.

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.

Pharmaceuticals from the Sea

Jillian Jay

University of North Georgia

This presentation dives into the recent research involving microbes found under the sea, and their unique biological compounds that could be useful to medicine and pharmaceutical companies.

Grand Ballroom C-1 (first floor)

The Self, the Ego, and the Divine: Analysis of Moral Themes in Camus' The Fall

Kathleen Springer

Bridgewater College

Albert Camus' The Fall tells of a lawyer wrestling to understand himself. In this presentation I analyze a major event in the book, the passive witness of a suicidal attempt, through existential, Freudian, and Christian theological perspectives.



How Disassociating the Past Reassociates the Present: Distilling the Magic out of Magical Realism in Susan Power's *The Grass Dancer*

Abby Lewis

East Tennessee State University

American Indian author Susan Power's novel *The Grass Dancer* is often categorized as magical realism, yet Power has stated the novel is a representation of her reality and that it is not a magical realist text. By locating and examining the seeds of truth in her fiction, I explain the magical qualities of her novel in a rational and logical manner.

***The Stranger* and *The Meursault Investigation*: Controlling Perception Through Narration**

Yelyzaveta Zuy

UT Chattanooga

In response to Albert Camus's novel *The Stranger*, Kamel Daoud's *The Meursault Investigation* offers a unique perspective regarding the importance of narration and its effects on the reader's perception of a story.

Grand Ballroom C-2 (first floor)

Reading You Like a Book

Andrew Bass

Miles College

If you have ever watched the show *Psych*, you see the main character, Shaun Spencer, pretending to be psychic. He is able to do this by analyzing the small details in people or the environment and presenting those details as if he had divined them.

Analyzing Gender Roles in *Black Mirror*: Androcentric Narratives in Charlie Brooker's Acclaimed Series

Elizabeth Peña

University of Louisville

Black Mirror, a British anthology series, features dark and satirical situations that examine modern society and the effects of new technology. I apply a feminist perspective to the analysis of gender roles in three episodes of the acclaimed series.

Creating Change Over Social Media: An Analysis of the ALS Ice Bucket Challenge

Heather Williams

Coastal Carolina University

Nonprofit organizations have turned to social media as a marketing tool creating a new era of online activism. This research focuses on the ALS Ice Bucket Challenge and identifying factors of both nonprofit and social media marketing that contributed to the success of this viral movement.

Swannanoa (second floor)

A Statistical Analysis of Meat Consumption: America vs. the Mediterranean

James Helferich, Anna Bozich, Matt Carscadden, and Crystal Marler

Chattanooga State Community College

This presentation will discuss the differences between American and Mediterranean diets when it comes to meat consumption and its effects.

Eating an Improper Diet Is Harmful to the Body

Impress Williams

Miles College



The way our food system is set up, we have a fast food restaurant on every corner. More people are tempted to eat at fast food restaurants more frequently. Eating an improper diet is harmful to the body, it causes obesity, fatigue and diseases.

The Investigation of the Freshmen Fifteen Myth

Brooke Baker and Todd Sherman

UT Martin

"The Freshmen Fifteen" is the idea that during a student's first year of college, they will gain fifteen pounds. Factors contributing to weight gain in freshmen have been identified and interventions must be implemented to prevent health problems later in life.

Victoria (second floor)

Short-Term Mission Trips: Hurting Or Helping?

Ariel Walley

Kennesaw State University

Each year millions of people and billions of dollars travel the world through religious short-term mission trips. This presentation discusses the praises and criticisms and explores original research on pastors' perspectives and obstacles for reform.

The Rebellion of Munster: a Story of Fanaticism, a Siege, and a Direct Connection to God

Carson Barrs

Greenville Technical College

Anabaptism, a branch of Christianity rooted in the Reformation of 1500s Germany, plays a fascinating and tragic role in cult history.

Know Jehovah!

James Clay, Jason Stout

UT Martin

We discuss an artistic body of work that relates to the artist's religious identity as one of Jehovah's Witnesses. The work focuses on building an appreciation and awareness of their beliefs and history, as well as the artist's personal spiritual experience.

Windsor Ballroom A (first floor)

Cracks in the Virtual Stained-Glass Ceiling: An Analysis of Gender and the Sacred Feminine within Allomythic Games

Michael Jones

Catawba College

Operating under the premise that certain video games (known as allomythic games) can act as testing grounds for new religious ideas, this paper analyzes the role that gender plays within the fabricated religions of a selection of allomythic games.

Effects of Virtual Reality-Based Training on Upper Body Movement and Activities of Daily Life in Older Adults with Parkinson's Disease

Adanna Cheek

Radford University

Interactive video games have been used during physical therapy of patients with Parkinson's Disease. This study investigated how such games affected upper body movement and activities of daily living in a person with Parkinson's.



Artificial Intelligence vs. Human Intuitiveness in Gameplay

Vincent Michael Rollins

UT Chattanooga

The progression of AI can easily be measured when it pertains to performance in game play. However, to better mimic the learning process of the human brain, adaptive programs must be compared to the intuitiveness of people in controlled experiments.

Windsor Ballroom B (first floor)

The Isolation and Elucidation of Candidacidal Compounds from Native Southwest Virginia Plants

Adrianna Wilson

Virginia Tech

The incidence of antifungal resistance in the fungus *Candida* is increasing. Extracts from native plants were screened for potential Candidacidal compounds, this process of isolation and elucidation will be discussed.

Antimicrobial Effects of Holistic Oil Home Remedy for Diaper Rash

Kenzi Brooks

Seminole State College

A study of the effects of a topical holistic oil remedy for diaper rash was done to determine the effectiveness of four readily available oils against *Staphylococcus aureus*, *Escherichia coli*, *Proteus mirabilis*, and *Pseudomonas aeruginosa*.

Modeling Asymmetric Two-Patch Populations with Logistic Growth and Allee Effect

Short Jasper

Virginia State University

Modeling asymmetric two-patch populations was used to determine whether oyster populations will survive or go extinct.

SESSION B – 3:15 P.M. TO 4:15 P.M.

Alexander (second floor)

Electric Boogaloo

Trevor Cole and Brian Schmidt

East Mississippi Community College

This presentation examines how partisan politics have shaped the political landscape in the United States throughout history and today's implications.

The Effects of a Multiparty System on US Political Polarization

Ashley Morales-Pacheco

The University of Tampa

The current electoral system in the U.S. has led to increasingly unhealthy levels of political polarization. However, this issue can be resolved by establishing a strong, permanent multiparty system through proportional representation.



The Prevalence of Fascist Personalities Among College Students

Tio Claudia

Broward College

We apply the F Scale, developed by Theodore Adorno, to test the degree of fascism within the personality of an individual. We ask if there is any association between the degree of fascism an individual presents in their personality and the political beliefs that they hold, including the presidential candidate they support.

Berkeley (second floor)

The Theoretical Application and Comparison of the Olfactory Sensory Organs in Swine vs. Canines for Accelerant and Explosives Detection

Naomi Sigler

Eastern Kentucky University

Miniature pigs can be employed in the scent detection field to search for unconsumed explosives in transportation hubs and federal buildings, and ignitable liquid residues in post-fire conditions.

The Effects of Fescue Toxicosis from Infected Tall Fescue on Pregnant Domesticated Horses

Maslyn Greene

Mars Hill University

Fungal-infected tall fescue is the source of fescue toxicosis in horses, which can lead to a negative pregnancy outcome. The condition is documented in late pregnancy, but little research has been done with early embryonic loss.

Citizen Science Survey for Inertial Parameters of Live Horses and Riders for the Rotational Fall Problem in the Sport of Eventing

Shannon Wood

Murray State University

To improve safety in equestrian sport in the case of rotational falls, there must be dynamic analysis of horse and rider which considers inertial properties. A citizen science survey was used to collect inertial parameters for horses and riders.

Cherokee (second floor)

La Diáspora Africana en América Latina: A Look into the Past and Present Lives of Afro-Peruvians

Raven Byars

University of Louisville

As a result of the African Diaspora, afro-descendants around the world have diverse histories, cultures, and challenges. The countries of the Caribbean, Central America, and South America possess unique narratives for their people of African descent.

Gloria Anzaldua's El Mundo Zurdo: The Necessity of a Historical Assessment

Malik Raymond

Georgia Southern University

Gloria Anzaldua was a Chicana lesbian writer known for *Borderlands/La Frontera: The New Mestiza*. However, little is known of *El Mundo Zurdo*, her term used for oppressed people and influenced her later theories. This will be assessed biographically.

A Sociolinguistic Survey of "Latinx"

Haley Patterson



University of North Georgia

This paper examines the term "Latinx," discussing motives for usage such as a desire to disrupt the social normative of a binary gender system while acknowledging the intersectionality between the LGBTQ and Latino communities.

Eagle (second floor)

Cloudy with a Chance of Lead: Environmental Racism in Birmingham

Helen Bae and Hannah Bae

University of Alabama Birmingham

Birmingham, Alabama has had a rich history of matters surrounding race. From slavery and the Civil Rights Movement through Trump's presidency it has been a site of historic controversy and dynamic change. We want to expose the environmental racism that resides in our city.

Environmental Ethics and Gentrification: A Case Study of Louisville's Butchertown

Jared McNeil

University of Louisville

This presentation considers the relationship between the related fields of environmental ethics, environmental activism, and environmental justice, through a case study of the gentrification occurring in the Butchertown neighborhood in Louisville.

Sacred Land: Investigating Environmental Human Rights Abuses in the Philippines

Andrea Vancil

Birmingham-Southern College

This presentation explores the resistance movement of Filipino indigenous peoples against the exploitative practices of large-scale mining and offers parallels to our own domestic exploitation of American indigenous peoples and their sacred land.

Grand Ballroom A-1 (first floor)

Research Panel Presentation

Examining Gender Injustices in La Carpio

Bailey Kirk and Emily Pressler

Georgia Southern University

Our presentation focuses on the issues of violence, sexual abuse, and teenage pregnancy among women and girls in La Carpio, a shanty town founded by Nicaraguan immigrants to Costa Rica where more than 40,000 people live in abject poverty.

Grand Ballroom A-2 (first floor)

Queer Femme Erasure in the LGBTQ+ Community

Gennifer DeLille

UT Chattanooga

Queer femme women often experience erasure because they do not fall within the stereotypical image of a queer woman. This study uses existing research as well as data from interviews and questionnaires to better understand how and why this occurs.

Bringing Diversity Into the (Very White) Honors Classroom

Melissa Helton, Caroline Cooper and Ariel Dingus



Southeast KY Community & Technical College

Southeast Kentucky Community and Technical College is a small, rural, Appalachian institution where the student population is strongly homogeneous (white, Christian, cisgender, heterosexual, able-bodied). Honors faculty will discuss how they strive to bring diversity into interdisciplinary honors humanities seminars Intro to Contemporary Thought, Appalachian Studies, American Studies, and Contemporary World.

Whitewashed America: An Exploration of Identity in American College Students

Savannah Purdy

UNC Asheville

This research explores issues of racial, ethnic, and national identity in white American college students, and the impact that the American normalization of whiteness has on these facets of intersectional identity.

Grand Ballroom C-1 (first floor)

College Students On College Debt

Randall Arana Vargas

Seminole State College

Student loan debt is increasing, and the burden falls more heavily on first-generation college students. There are solutions to assist first-generation students to successfully complete a college degree without incurring excess student loan debt.

On Why Honors is Bad and Bougie: Analyzing and Identifying Tactics that Obstruct Diversity Within an Honors Setting

Jamitra Fulleord, Destinee Germany, and Des Lane

University of Louisville

We examine what the University of Louisville is doing to develop a more inclusive honors program that both recruits a diverse student body and organizes programming that reflects the diversity of its members.

A Structured Course for Personal and Professional Development

Deirdre Ragan and Jack Rhodes

The Citadel

Don't career(2) into a career(1)! Take the wheel to enjoy the ride and reach your desired destination.

career /kə'ri:/

(1) n - an occupation or profession followed as one's lifework

(2) v - to move swiftly in an uncontrolled, reckless manner

Grand Ballroom C-2 (first floor)

More Than Just Pictures in the Air: A Linguistic Analysis of Signed Languages

Marissa Richardson

Gardner-Webb University

We linguistically analyze signed languages, discovering sophisticated linguistic systems composed of iconic and arbitrary forms with rich and complex histories.

The Hidden Languages of World War II: Exploring the German Enigma and American Navajo Codes

Audrey Pelicano

Greenville Technical College



The rise of new communication technologies during World War II allowed for both Germany and the United States to develop new, sophisticated ways to deliver sensitive military messages via specialized coding without fear of discovery by one another.

PurePoetry: Software for the Analysis of Phonological Structure in Poetry

Joshua Freeman

UT Chattanooga

PurePoetry seeks to analyze sound structure in poetry. Here, I present a comparative phonological analysis of five Shakespearean sonnets.

Swannanoa (second floor)

North Korea, South Korea, and the United States

Amir Muhammad

Seminole State College

Tensions continue to rise between North Korea and the United States. Nuclear tests have begun with North Korea successfully launching their fifth nuclear attempt “towards” the United States. A war is unlikely however, it’s only a matter of time.

An Examination of US-China Nuclear Relations and the Future of Nuclear Arms Reductions Talks

Blake Brewer

Catawba College

Are the United States and China on the brink of war? Examining international relations scholarship and comparing US and Chinese economic and military capabilities, I will attempt to answer this critical question.

Sakoku: Tokugawa’s “Closed Country”

Kevin Burgess

Greenville Technical College

Japan’s “Age of Isolationism” was characterized by strict control of domestic and foreign policy, particularly restriction of foreign influence. By closing ports, the country limited its growth but also insulated itself from the fate of colonialism.

Victoria (second floor)

Kong Fuzi and the Chinese Connection: The Teachings and Implementation of Confucianism in Han China

Kadien Hill

Georgia Southern University

This presentation will expound on Confucianism and prove how and why it became China’s staple ideology and how it became synonymous with Chinese culture.

Trending Now: Mindfulness

Michelle Nguyen and Sandhya Krishna

University of Alabama Birmingham

We will illustrate how social media and the commercialization of “healthy lifestyles” contributes to a false representation of yogic principles. An interactive mindfulness demonstration will guide audience members to experience their own awareness.



A Personal Cosmology: Composing One's Self in a Diverse World through the Interdisciplinary Study of Mandala Art

Atsuko Sakai and Zenoba Harris

University of South Florida

This course uses mandala art as a metaphorical tool to investigate Buddhism and Eastern philosophies behind the art from different countries, and explore students' own identities and worldviews through a creation of mandala art unique to themselves.

Windsor Ballroom A (first floor)

Women's Empowerment in Sweatshops Versus Microfinance: Who Did It Better?

Mae H. Staurt

UT Chattanooga

Microfinance has become the de facto tool for empowering women in developing countries, but because of structural issues, its success is dubious.

Lost in Translation: Converting Microfinance to Macro-Solutions

Shannon Morton

Catawba College

Because of a disconnect between the theoretical concepts and actual implementation of microfinance in Cambodia, it has not enabled customers to transition to the formal financial sector; instead, the institutions themselves have transformed.

Changing the Lives of Indian Farmers

Sai Pethe

Northern Virginia Community College

India's agriculture industry is dependent on the yearly monsoon. Thus, when the rainfall significantly decreases, India's farmers may suffer most. Here, I describe this dependency of India's GDP on monsoons, and how global warming may impact it.

Windsor Ballroom B (first floor)

[S]wordplay: An Examination of the Power of Language in Shakespeare's King Lear, Macbeth, and The Tempest

Katie Cline

Jacksonville State University

"[S]wordplay" examines Shakespeare's use of language in King Lear, Macbeth, and The Tempest, emphasizing the transition from the medieval sword to the Renaissance pen. Language becomes the weapon of choice and proves more dangerous than swords, its fluidity allowing it to constantly adapt.

"Who are at the Britons?": Shakespeare and the Welsh

Meg McCrina

Jacksonville State University

We use three of William Shakespeare's plays, Henry IV, Part 1; Henry V, and Cymbeline, to determine the Bard's true feelings towards England's often unruly neighbor.

Tongues That Tell the Anger of the Heart: Language As Power in The Taming of the Shrew and The Book of Job

Aleyna Rentz



Georgia Southern University

This paper compares Shakespeare's *The Taming of the Shrew* to the Book of Job, paying particular attention to performative language in both texts.

SESSION C – 4:30 P.M. TO 5:30 P.M.

Alexander (second floor)

Dystopian Literature from Modern to Postmodern

Sarah Pennington

University of Louisville

This project considers the recent boom in dystopian fiction marketed to the young adult crowd as it relates to older trends. The modern and postmodern periods both utilized dystopias as a cathartic production to negotiate intellectual anxieties.

Blue's Clues: A Study of Color Theory in Station Eleven

Aaron Crawford

UT Chattanooga

Emily St. John Mandel's *Station Eleven* uses blue to create an underlying image narrative throughout the novel. With an understating of color theory, readers can more deeply understand Mandel's work and its symbolic use of blue.

Station Eleven: A Closer Look at Societal Collapse

Lauren Johnson

UT Chattanooga

Station Eleven's description of a societal collapse appears accurate in comparison to known disasters despite several flaws of practicality and is valid as a hypothesis for the effects of a widespread epidemic.

Berkeley (second floor)

Applying Culturally Responsive Pedagogy in Education to Effect Social Change

Diana Lalata

University of Louisville

The project examines Paolo Freire's culturally responsive pedagogy as a way to question the dominant beliefs of canonical texts in order to bridge cultural differences and allow students to find their "voice."

Fostering Discussion and Welcoming Diversity

Brooke Moody

University of Louisville

The University of Louisville's Honors Student Council hosted a discussion about refugees' experiences and an opportunity to welcome a refugee family, with the goal of promoting an understanding of diverse experiences and fostering inclusion. We examine this discussion.

Reviving Diversity through the Honors Experience



Adriana Yanez Perez
Hillsborough Community College

Our society has taught us to make and follow judgments and in turn halt our development of cultural competency in our interactions. Honors education shows us that exposure to diversity can shift us away from this negative behavior and viewpoint.

Cherokee (second floor)

The Effect of Klotho on Murine Astrocyte Reactivity

Briana Ford and Bradley Kraemer
Eastern Kentucky University

The age-suppressor protein Klotho has been shown to improve cognitive function. While its effect on neurons has been established, we plan on investigating the less known effect of Klotho on TGF-Beta-induced astrocyte reactivity.

Exploring the Role of Juvenile Hormone as a Potential Regulating Factor in the Multidimensional Sociality of Spiders

Skyler Carrell and Jason Davis
Radford University

To determine what hormonal mechanisms regulate sociality within spiders we explored juvenile hormones' impact on sociality. Treated adults increase inter-spider distance. Tests proceed on juveniles and additional species.

Effectors Implicated in the Inhibitory Effect of Adenylyl Cyclase 1 on the Proliferation of Pancreatic Cancer Cells

Vidya Medepalli
Augusta University

This project examines the effectors implicated in the AC1 inhibitory effect on cell proliferation through utilization of the MTT cell proliferation assay, the PKA inhibitor H-89, and the EPAC inhibitor ESI-09.

Eagle (second floor)

Rumours

Mary Parker Haynie
East Mississippi Community College

We take our session's participants on a journey through the music, history and spirit of Fleetwood Mac's album, *Rumours*.

Shame as an Element of the Construction of Glam Rock

Rachel Hofer
UT Chattanooga

The effect of shame as a quintessential component of glam rock is traced through David Bowie's various personae, focusing in particular on the space-age Ziggy Stardust, and Todd Haynes's 1998 film *Velvet Goldmine*.

Different Rhythms: The Value and Variety of Percussion Music in Honors Arts Education

Cassidy Calloway
East Tennessee State University

Percussion is a rapidly changing field of music, its diverse forms broadly unfamiliar. This presentation will demonstrate the range of percussion music, expanding the audience's perspective and discussing percussion music's value in Honors education.



Grand Ballroom A-1 (first floor)

Research Panel Presentation

#NiUnaMenos

Taylor Close and Madelyn Harvin

Georgia Southern University

#NiUnaMenos is a movement that protests femicide in Latin America. Our presentation will evaluate how the movement started, how it is currently spreading, and the impact of intervention strategies at both the local and global scale.

Grand Ballroom A-2 (first floor)

Quentin's Regression and Stance as an Unreliable Narrator in "That Evening Sun"

Samantha Franklin

University of North Georgia

Quentin Compson, the narrator of William Faulkner's "That Evening Sun," glosses over parts of his memory, refusing to evaluate this memory from an adult perspective and instead looking at this incident as an unquestioning child. By doing this, Quentin's credibility as a storyteller is significantly compromised.

Rituals of the Dead: Common Elements of the Dia de los Muertos and the Roman Necropolis

James Andrew McDaniel

Birmingham-Southern College

This paper examines the commonalities between the grave rituals of the Ancient Romans and the modern celebration of the Dia de los Muertos.

Mongolia's Nomads and Migrants: An Illustration of Change

Mirella Dankova

Birmingham-Southern College

Known for pastoral nomadism, Mongolia has recently seen an increase in urbanization. An exhibit of portraits, landscapes, and interviews relates how nomads and migrants regard the changes and traditions in their lives and the future of nomadism.

Grand Ballroom C-1 (first floor)

Bioengineering: Designing The Future of Human Life

Danyal Bhutto

University of Louisville

Bioengineering is leading humankind into the 21st century by integrating humans and computers. In this presentation, we'll discuss its impact on our future through revolutions in medicine and technology.

Silica-Capped Water-Soluble CdSe Quantum Dots: Biological Labeling

Mia Brown and Albert Dukes III

Lander University

The ability to make quantum dots water soluble and target them to specific biomolecules has led to promising applications in biological imaging. This presentation explores whether the size of CdSe QDs will impede the function of ADH proteins.

An Area-Based Fan Beam Projection Model



Richard Steele

Georgia Southern University

Currently the area-based fan beam model for CT involves approximations in a rotation matrix Q when simulating the rotation. We derive an exact formula for entries of Q that phases out approximations and minimizes error in the projection data.

Grand Ballroom C-2 (first floor)

Obesity and Its Underlying Factors

Natoria Jeffries, Melanie Daniel, Makayla Moore, and Hugo Casilla

Chattanooga State Community College

Our project's main focus is to examine growing obesity levels and how they affect the body by detailing the progression of obesity and the diseases that can result from it.

Nutritional Psychiatry for Older Adults

Katharine Siprelle

UT Chattanooga

Nutritional psychiatry may dramatically impact older adults, as nutrients can be used to improve mental status when effectively added to the diet.

Jackfruit: The New and Healthier Way to Feed the Hungry

Baza Michelle

Broward College

We argue that hunger can be alleviated with the huge, nutrient filled jackfruit, *Artocarpus Heterophyllus*. We include suggestions for proper marketing and farming of the jackfruit.

Swannanoa (second floor)

The Abolitionist Movement in England: Shifting European Ideologies, the Work of English and African Abolitionists, and the Slave Trade Act of 1807

Kaitlyn Coons

Greenville Technical College

The rise of England's Abolitionist Movement, and ultimately the end of slavery in England, can be connected to shifting European ideologies toward slavery, the contributions of English and African abolition activists, and the Slave Trade Act of 1807.

Comprehensiveness of Sex-Trafficking Survivor Recovery Assistance Programs in the United States

Cassidy DeGreen

Mississippi University for Women

Twenty-nine sex-trafficking survivor recovery assistance programs across the US were examined for the inclusion of evidence-based critical components that promote rehabilitation. Most programs were highly comprehensive yet lacked components that need incorporation in the future.

Power: The Legitimization of Slavery

Kayla Turner and Arielle Zayas

Broward College



The goal of our presentation is to create more awareness about the topic of slavery, still a prevalent issue across the globe. We will discuss how we have the power to unite our efforts and put an end to slavery once and for all.

Victoria (second floor)

Personal Journey to Becoming a Leader

Angela Mick and Rydell Huff

Hillsborough Community College

Students at Hillsborough Community College are required to take a leadership course during their first semester of the program. We offer various perspectives on how the course assists students in becoming more active within the Honors program and community.

Integrating Literature Review-Writing into a First-Year Honors Seminar

Christine Rockey

Coastal Carolina University

This presentation will take the participants through a step-by-step process we incorporated in our freshman honors seminar course that teaches how to write a literature review without overwhelming freshmen with a senior-thesis-sized project.

How to Study More Efficiently Using a Combination of Learning Techniques

Boubini Jones-Wonni

Miles College

How can college students earn great grades while studying less? We discuss how college students struggle to balance academic work, physical health and social obligations in order to achieve a well-rounded college experience.

Windsor Ballroom A (first floor)

A Springboard for Inclusion: Creating Intentional Partnerships for Increasing Access in Honors

Amanda Bennett

Chattanooga State Community College

This presentation will focus on one community college's approach for increasing participation of diverse student populations within honors. Best practices for partnering with existing diversity initiatives and programs on campus and how to create new opportunities for students to learn about honors will be shared with participants.

Intentionality and Outcomes of Diversity in Honors

Kathleen King and Portia Harris

Hillsborough Community College

The HCC Honors Institute has made diversifying the program a top priority. Through course offerings, programming, and conference opportunities, we are seeing results and reaping the rewards that positively impact all of our students.

Disagreement and Inclusivity in Honors Education

Matthew Jordan

Auburn University, Montgomery

How do we balance our commitment to inclusivity in honors with a commitment to critical inquiry? With respect to issues like gender identity, it may seem like we have to choose one of these values or the other. Reflection on religious and moral disagreement suggests that no such choice is necessary.

Windsor Ballroom B (first floor)



Universal Health Care Fact or Fiction

Xavier Sivels and Kennedy James

Virginia State University

We examine the American Health care system in an attempt to answer the question: is universal health care actually achievable in the environment that we have constructed?

An Analysis of How Single-Payer Systems Will Improve America's Efficiency: The Law America Has Long Dreamed

Veronica Aguilera

Florida Southwestern State College

This study evaluates how America is the only industrialized country without a public healthcare program, which is a phenomenon that violates our human rights.



Friday, March 31, 2017

Registration: 7:00 a.m. – 5:00 p.m. (Grand Ballroom Foyer)

Breakfast: 7:30 a.m. – 8:30 a.m. (Grand Ballroom)

SESSION D – 8:30 A.M. TO 9:30 A.M.

Alexander (second floor)

“Welcome to Eastern Kentucky University, I’ll Be Your Guide Today”: A Comparison of General Admissions Recruitment and Honors Program Recruitment

Jessa Hay

Eastern Kentucky University

Is there a major difference between recruiting for a university’s general admissions versus recruiting for an Honors Program? This presentation is a comparative study on both kinds of recruitment opportunities at Eastern Kentucky University.

What Factors Predict Honors Success?

Stephanie Miller, Kaley Powers, and Jonathan Roberts

Armstrong State University

We examined six years of incoming honors student data to determine which factors influenced student success. High school GPA was the best predictor of college success. AP, IB, and dual enrollment credit positively affected overall college GPA.

How Many Applications? A Multi-Year Evaluation of Honors Application Volume from Newly Eligible Freshmen

Niels Christensen

Radford University

What factors predict the number of honors applications received from a given pool? This presentation will review six years of data on the proportion of newly eligible freshmen (9%–22%) who applied to an honors program over successive winter breaks.

Berkeley (second floor)

Research Panel Presentation

Creative Nonfiction: Spinning Stories from Reality

Molly Harmon, Randy Stull, and Jessika Green

Catawba College

Our panel will explore the mechanics of creative nonfiction as well as our own adventure that influenced our stories and online magazine.



Cherokee (second floor)

The Girl Who Lived: Jane Eyre, Harry Potter, and the Bildungsroman Tradition

Rachel Wood

Murray State University

The Harry Potter series and Jane Eyre seem to follow very different narratives, but their origin stories may suggest otherwise. The homes of Gateshead and No. 4 Privet Drive and the treatment of those who inhabit them turn these stories into critiques of social order, albeit over 150 years apart.

Wendy's Story in J.M. Barrie's Peter Pan

Jessica Hedrick

Murray State University

This paper examines Wendy Darling's role as the central character of J.M. Barrie's classic children's novel, focusing on the narrator's contradictory stance toward her agency and her own internal struggle to embrace reality while valuing the pretend.

Black Girl Magic: The Impact of Black Hermione on the Harry Potter Narrative and Fan Community

Michelle Ramos

Armstrong State University

The casting of a Black woman in The Cursed Child brought attention to an underground fan theory about Hermione's race. What does Hermione's potential blackness mean to the narrative and fans?

Eagle (second floor)

In the Shadow of the Banyan: A Child's Response to Parental Death Based on Environmental Factors

Jadyn Allon Snakenberg

UT Chattanooga

This presentation explores Vaddey Ratner's fictionalized narrative of her childhood and loss of a parent through the lens of Lev Vygotsky's theory that environmental factors govern a child's response to parental death.

Transgenerational Trauma: Bebe Forehand's Holocaust Legacy

Samantha Grindell

Birmingham-Southern College

Individuals with transgenerational trauma develop severe responses to traumatic events that happened to their ancestors. This paper studies the ways in which transgenerational trauma affects Bebe Forehand, a Holocaust survivor, and her family.

Tackling the Issue of High Crime Rate in Impoverished Communities

Julius Bedford, Shantrell Sinclair, and Bianca Jackson

Miles College

High crime rates are concurrent with poorly funded education systems due to the fact that impoverished areas are not afforded the same educational opportunities as affluent areas. This paper reveals that there is a correlation crime and poverty.

Swannanoa (second floor)

Power Generation Water Wheel Toy

Dylan Treend and John Ramirez



Mercer University

The goal of this project is to impart upon the younger generation a more optimistic outlook on the potential of the Wei Wei River in Kenya. An educationally effective hydroelectric toy that lights up an LED was created.

MUSE's Inaugural Power Racer

Brian Stepanski and Kyle Ulversoy

Mercer University

The goal of this project was to design, build, and test an electric 'go-kart' which can be used in future Power Racing Series competitions. A Power Wheels® Mustang was used as the base vehicle.

3-D Printing Hydrogenic Orbitals As Learning Instruments

Riccardo De Cataldo, Kaitlyn Griffith, and Keir Fogarty

High Point University

Electricity is the flow of electrons, which exhibit both wave-like and particle-like behavior. A 3D printer has been used to print models of electron waves, referred to as orbitals, as tangible models. These models can serve as learning instruments to aid the understanding of electron behavior.

Victoria (second floor)

The Importance of Undergraduate Research Projects

Malina Navarez

UNC Asheville

Undergraduate research is a highly honored and recognized experience to both students and future employers. This presentation discusses ways in which one can explore the many research opportunities across the liberal arts disciplines.

The Power of Study Abroad

Will Zahran, Todd Fraley, Katie Ford, and Tulsi Patel

East Carolina University

This session will explore the value and success of studying abroad for ECU's top merit scholars. We will discuss how we can measure the benefits of studying abroad to include both the academic component and the cross-cultural opportunities.

Living and Giving: Honors Study Abroad in Bolivia

Prof. Kisha King and Quakish Liner

Broward College

Our presentation will describe the study abroad trip that our honor students take to Brazil and Bolivia during Spring Break of 2016 and 2017. The experiences shared will be full of thrill, excitement, and wonder! We will also discuss traveling abroad from a minority perspective.

Windsor Ballroom A (first floor)

Meta-Analysis of Research Conducted at Mammoth Cave National Park, 1980-2016

Tawni Riker, Greta Lowe, and Ellen McPhillips

Northern Kentucky University

National parks serve as an excellent public partner for pursuing multiple fields of research. This project analyzed research related to Mammoth Cave National Park from 1980 to 2016 and reviews trends and changes in this research.

Exploring the Unknown: Partners in the Park and the Ever-Changing Landscape of Honors



Claire Kelley

Eastern Kentucky University

Partners in the Park is a wonderful experience and is sponsored by the National Collegiate Honors Council. I had the opportunity to travel to Hawaii for the program and I will discuss the trip and the effect it has had on my college experience.

The Urban PIP Experience

Victoria Baltz, Cintly Guzman Hernandez, Emily McAndrew, and Imani Hamilton

UT Chattanooga and Southern Adventist University

With the evolution of urban Partners in the Parks Programs, students will discuss how to maintain the aspects that are life-changing and fulfilling while adapting the program to fit the new environment.

Windsor Ballroom B (first floor)

Life After Transfer: Graduation Rates for Post-Transfer NVCC students to GMU

Daniela Villalobos-Vera

Northern Virginia Community College

This research pretends to establish a relationship between graduation rates from NOVA students who transfer to GMU versus those who start GMU as freshmen, considering three variables: economic, emotional and social.

Tempe to Chattanooga: On Transferring between Honors Colleges

Jose-Luis Gonzalez

UT Chattanooga

Using Arizona State University's Honors College and the University of Tennessee Chattanooga's Honors College as a lens, the speaker analyzes each program to try to understand what it means to have a balanced honors culture.

What is Honors Education Supposed to Be?: A Far-Out Plea from Two Honors Students for the Generations That Will Follow

Lillian Shoji and Allison Moss

Coastal Carolina University

Education is a delicate art that we might never perfect. However, we argue that the expedition for quality education should never end, and that honors education should be a pioneer into this perplexing world.

SESSION E – 9:45 A.M. TO 10:45 A.M.

Alexander (second floor)

To Be Caught: A Collection of Fiction and Poetry

Emily Thomas

Winthrop University

My collection of writing was inspired by the strong characters in my own life and the impact that they had on the way that I view the world, as well as the way I perceive my role in the world. I hope that my audience will gain a sense of the quiet strength found in femininity and motherhood.



Ethics of Persona: Pseudonyms and the Publication of Literary Work

Macy French

Tusculum College

This presentation will explore the use of pseudonyms when submitting creative work to literary journals. It will examine writers' ethical responsibilities and the importance of identity in creative work.

Leave Your Troubles Outside: The Effectiveness of Cabaret in Comparison to Other

Collette Simkins

Catawba College

Although the effects of the Holocaust were horrific, Cabaret conveys its impact with humor and whimsy. By comparing this musical to other genocide plays, I will demonstrate Cabaret's efficacy in promoting socio-political discourse.

Berkeley (second floor)

STEM Workers Needed

Alycea Brunson

Virginia State University

STEM workers are needed, but why are there not enough STEM majors in college? Why do some students start off with a STEM major but end up dropping it? What influences students to not go all the way?

Square Peg in a Round Hole: How One Class Made Me Re-Evaluate My Limitations

Veena Krishnan

Birmingham-Southern College

As a student passionate about the sciences, I was sure that a creative writing class was going to be tiresome. Yet, as I went through the class, I was able to step past personal boundaries to understand the importance of my liberal arts education.

Quantifying Your Quality: Collecting Quantifiable Data on a Pedagogy of Play

Maria Hayden and Angela Bolte

UNC Greensboro

This presentation considers the process of summarizing specific learning outcomes and adapting them to a quantitative survey to gauge the effectiveness of a pedagogy on student development.

Cherokee (second floor)

Portable Solar Powered Charger

Sarah Kashin

Mercer University

This project focused on the configuration of the solar cells, the reading of the output voltage and current, and the determination of the maximum power point in order to develop a portable solar powered charger to be used in varying conditions.

Evaluating Outdoor Performance of MycoBoard

Catherine Raybould

Mercer University

In order to test the lifetime of Ecovative's MycoBoard, three geodesic domes were created, one of MycoBoard and two of OSB (one with fiberglass, and the other a control). Several tests were performed to establish a baseline for future tests.



Investigation of the Thermal Performance of Small Sierpinski Carpet Fractal Fins in a Natural Convection Environment

Jennifer Shaffer

Georgia Southern University

This experimental investigation evaluates the thermal performance of the first four iterations of the Sierpinski carpet fractal pattern in a natural convection environment by assessing efficiency, effectiveness, and effectiveness per unit mass.

Eagle (second floor)

Research Panel Presentation

Honors Living: Inside and Out

Maygen Martinez, Hailey Baker, Trina Biswas, and Gabriel Petkewich

Georgia Southern University

This presentation focuses on the new Honors Living Learning Community at Georgia Southern by examining the unique perspectives of four different students in their first year as they discover their own personal definitions of the word "community."

Swannanoa (second floor)

Controlling Love Is a Pain in the Ass: Bottom's Warning to Men Concerning Meddling in Love

Emily Gray

UT Chattanooga

In *A Midsummer Night's Dream*, Shakespeare studies love's grave and pliant nature. While lovers vary, each is moved by men dictating love. With Bottom, Shakespeare remarks on the absurd and risky costs of men altering love.

Search Your Feelings: Wordsworthian Spirituality in Star Wars

Sawyer McKay

Jacksonville State University

We trace connections between the "spirit" in Wordsworth's nature poetry and the Force in George Lucas' Star Wars films.

Entering the Mind of Woyzeck Through Sound: A Psychoacoustic Approach to the Overlooked Art of Sound Design and Theatrical Composition

Caleb S. Garner

Catawba College

We offer an exploration of psychoacoustics, the sound design process, and Foley art as they relate to Georg Buchner's 1879 stage play *Woyzeck* and the composition of an original score for the Spring 2016 production at Catawba College.

Victoria (second floor)

Anterior Cruciate Ligament Tears and How They Affect Athletes

Shannele Sunderland

Tusculum College



Anterior cruciate ligament (ACL) tears are common career-ending injuries in sports. During my research, I focused on possible correlations related to a higher risk of ACL tears based on a player's gender, sport, country of residence, or type of fields.

A Pilot Study Focused On the Methodology for Identifying Ergonomic Risk in Marching Percussion

Hope Archer

Murray State University

This study is focused on assessing ergonomic risk factors in marching percussion through a pilot study. This study will help more percussionists realize the risks of drumming and potentially lead to new ways of preventing injuries.

Clinical Fitting of Upper Extremity Prosthesis Based on Abnormal Anatomy

Andrew Roy

Mercer University

This project consisted of designing and building a lightweight prosthesis and harness for suspension and operation. The prosthesis weighs less than one pound and is comfortable, easily operable, and minimally invasive.

Windsor Ballroom A (first floor)

He Hou Hawai'i: Polynesian Transformation in the Face of the West

Jonathan Dean

Morehead State University

This presentation will present an analysis of Hawaiian culture, with special attention paid to how that culture was present in its original, pre-European form and how it changed under cultural and economic pressure from the West.

Infusing Traditional Hawaiian Knowledge and Western Science

Joseph Teamer

Virginia State University

This presentation will explore the vertical and horizontal relationships between native Hawaiian science and Western science, while utilizing traditional Hawaiian and modern Western terminology.

Perceptions of Immigrant Crime in Japan: A Possible Key to the Population Crisis?

Jessica Hill

Randolph-Macon College

Providing a critical analysis of the recent spike of crime rates of immigrants in Japan, this presentation proposes that focusing on compounding variables and refuting myths of immigrant crime could potentially save Japan from their population crisis.

Windsor Ballroom B (first floor)

Using Marker-Assisted Selection in Peanut Breeding

Michaela Lubbers

Abraham Baldwin Agricultural College

This study verified the monogenic inheritance of the prized traits of high oleic oil and nematode resistance using real-time PCR in an F4 peanut population of GA-12Y by C1805-3-36-41. Moreover, these traits can be retained in later, elite selections.

Lowering FKBP5 in the Ventral Hippocampus Enhances Fear Acquisition

Ramon Mislá David, James T. Porter, and Marangelie Criado-Marrero



Liberty University

Traumatic events increase GR activity in the brain to enhance memory. GR activity is regulated by FKBP5. Reducing FKBP5 in VH could enhance fear conditioning and extinction memory. Results suggest low levels of FKBP5 in VH enhance fear acquisition.

Characterization of Gene Expression and Glucose Responsiveness in a Pancreatic Beta Hybridoma Cell Line Stably Overexpressing Transcription Factor Glis3

Abigail Steck and Gary ZeRuth

Murray State University

The BRIN-BD11 cell line is a rat pancreatic hybridoma beta cell line that, while expressing Ins1 adequately, fails to express Ins2. Hypothesizing there is a transregulatory factor responsible, we studied the effects of stably overexpressing Glis3.

SESSION F – 11:00 A.M. TO NOON

Alexander (second floor)

Creating a Student Orientation and Gender Identity Alliance

Devin Hounshel, Carolina Cooper, and Melissa Helton

Southeast KY Community & Technical College

This presentation considers the challenges of creating a student organization with a focus on gender identity and sexual orientation within a small community college.

Reinhold Niebuhr: The Unaccredited Father of the Liberation Theology Movement

Rebecca Miller

UT Chattanooga

Reinhold Niebuhr introduced violence and social justice into theology. His contributions have been recognized, but not connected to 1960s liberation theology that insisted Christianity should be used to liberate the oppressed.

Seeking the Anatomy of the Soul: Researching the Neuroscience and Philosophy of Spiritual Experiences

Shanti James

Southern Adventist University

This study concerns individuals that cease to practice the faith traditions in which they first encounter spirituality, but still retain the ability to have spiritual experiences outside of a religious framework. How do these people differ from those who remain in a faith? Are their experiences fundamentally similar? And how are these people different from those who practice faith but rarely or never have such experiences?

Berkeley (second floor)

Making Sense of Nature and Human Happiness: Closeness with Nature and Virtue Development

Jay Atkins

UT Martin



We discuss how closeness with nature is strongly conducive to Eudaimonian happiness, examining closeness's two conditions: intrinsic value attitude and proximity.

The Theory of Gerotranscendence

Miranda Paredes

Seminole State College

Gerotranscendence, or how people view life as they age, is a fascinating theory. Do most people view the experiences gained through aging as positive or negative? What factors may contribute to specific viewpoints?

A Modern Symposium: The Reformation of Plato as an Environmentalist

Ashley Derr

University of South Florida

This presentation will be a discussion and reading of an excerpt from the play I wrote as part of my thesis work rewriting Plato's Symposium as a format to discuss the necessity of the natural world to modern society.

Cherokee (second floor)

Research Panel Presentation

Voices of Diversity: Intercultural and LGBTQ+ Communities in Appalachia

Lin-hsiu Huang and Kathryn Wilkerson

Morehead State University

Aiming to broadcast the voices of two marginalized communities, this documentary amplifies the healing process of immigrants and transgender individuals that have been injured by the negative media coverage. It concludes with two musical tributes celebrating the diversity of Appalachia.

Eagle (second floor)

Extracurricular Payment

Tyler Cooper and Bryce Baudoin

East Mississippi Community College

We offer a comparison of major arguments surrounding the issue of paying student athletes to play for their colleges.

Mastering March Madness: Writing a Predictive Algorithm

Trevor Cole

East Mississippi Community College

This presentation discusses efforts to produce a predictive algorithm for March Madness.

Win Or Lose, It Is Still America's Pastime

Shelby Wellmon

Catawba College

This paper will incorporate topics of baseball and the Major League Baseball draft for professional players in order to justify reasoning for the argument that there needs to be an establishment of a worldwide draft.

Swannanoa (second floor)

Evil Will Always Triumph Over Good Because Good is Dumb: An Analysis of Minorities in Mel Brooks' Films



Sydney Richardson
Bridgewater College

Jewish director Mel Brooks uses the tenets of Jewish humor when depicting out-groups; through this link, he creates comradery among minorities and emphasizes the societal control the hegemonic in-group exerts.

Ideology in Film

Brian Schmidt
East Mississippi Community College

This presentation explores the ways that Hollywood films influence America's understanding of political and social ideologies.

The Role of Women in Zombie Films

Brittany Ford
Lander University

This presentation tries to prove that even though some women are seen as inferior in zombie films, other women are portrayed as heroines.

Victoria (second floor)

Public History in a Digital Age

Agnes Evangelista and Anna Marmolejo-Rios
Andrew College

At a time when diversity is being rapidly devalued, the knowledge of history is one of the best avenues of ensuring oppression doesn't occur. This presentation outlines our effort in making history more readily available for society's benefit.

A Line in the Sand: Public History and Its Ethical Considerations

Hannah Arnett
Tusculum College

Historians face a dilemma: how do they present factual history to a public with preconceived and contradictory notions? By examining "sense of history" and the mediums through which the past is made known, we can find the answers to these questions.

Cut the Bias: Fidelity in Historic Preservation

Jarvis Steele
Georgia Southern University

Historical bias is a problem that plagues secondary sources. Scholars have a role to play in misrepresenting the facts when preserving history. My paper examines this cultural bias and our ethical responsibility to preserve history with fidelity.

Windsor Ballroom A (first floor)

Is It Too Late to Save the Sharks?

Kathleen Anderson
St. Petersburg College

Sharks have survived for over 450 million years, but can they survive the next century? The shark population has declined 90 percent the last 50 years. Never before has the species been under such threat due to human actions. Is it too late?

Embracing Bacterial Cellulose As a Catalyst for Sustainable Fashion



Luis Quijano

Liberty University

Bacterial cellulose is a leather-like textile that is grown using water, sugar, and tea. This presentation will explore the process of growing bacterial cellulose, its applications, and implications in creating a more sustainable fashion industry.

Treatment Options for Animals with Depression in Rescue Shelters

Kayla Chambers

Coastal Carolina University

Roughly 36% of all animals entering shelters are euthanized, but is that really necessary? This presentation proposes new ways to help problem cats and dogs in shelters, allowing them to adapt to their environment and be adopted.

Windsor Ballroom B (first floor)

Tutoring Strategies

Darian Tipton

Tusculum College

Using the qualitative method of in-depth interviewing, I am determining the variables associated with effective tutoring strategies through an exploratory study to improve these strategies on a small campus during one-on-one peer tutoring sessions.

A Profile of Resident Assistant Engagement

Heidi Warner and Nora Reilly

Radford University

This study evaluates the relationship between RA engagement and student retention, impacted by RA personality, at Radford University. Statistically significant results reveal engagement positively impacts retention, but personality has no effect.

Strategies for Successful Peer Class Observation

John Zubizarreta

Columbia College

Many elements should be considered in peer class observations. Participants will learn research about the benefits and challenges of peer observations and how to apply best-practice principles for teaching improvement in honors and other classes.

Lunch and Keynote Presentation: Prof. Dee James, UNC Asheville
12:15 p.m. – 1:45 p.m. (Grand Ballroom)



SESSION G – 2:00 P.M. TO 3:00 P.M.

Alexander (second floor)

In the Situation Room: Analyzing Past National Security Advisors to Predict the Term of General Michael Flynn

Michael Harris

Lander University

Michael Flynn is bold, unpredictable, and will serve as Donald Trump's National Security Advisor. It is possible to draw conclusions from the actions of previous National Security Advisors to predict what Flynn's term will be like.

Franklin Roosevelt and the Party System: The Triumph of Progressive Reform

J. Tyler Syck

Morehead State University

This presentation will examine how progressive reformers altered the American party system.

Mentoring: The Pros, Cons, and Woes

Tatiana Miller

UNC Asheville

The Christine W. Avery Learning Center, the Hillcrest Enrichment Center, and the Montford Community Center are after-school care facilities and enrichment programs in Asheville, North Carolina. This research project focuses on the difference in relationships developed through, and progress at, the centers achieved as a fully-immersed mentor rather than a student going through the motions to complete required service-learning hours.

Cherokee (second floor)

Exploring Katrina's Legacy: Sidewalk U. New Orleans as an Interdisciplinary Honors Study-Away Experience

Nichola Brondum and Taylor Cochran

Eastern Kentucky University

Join us for an examination of EKU's innovative "Sidewalk U." an interdisciplinary January intersession "study away" seminar, focusing on this year's class, "Katrina's Heirs: Housing, Race, and Urban Renewal in New Orleans."

Oral History of Florence, South Carolina Considering Race Relations

Rebecca Cross

Francis Marion University

The purpose of this study was to compile an oral history concerning race relations during the time frame of 1960-present in Florence County, SC.

Eagle (second floor)

Living/Learning Communities: An Honors and Study Abroad Collaborative Project

Ann Ortiz

Campbell University



The establishment of an Living/Learning Community consisting of Honors and Study Abroad scholars and faculty involves rethinking learning environments and transforming them into areas conducive to group projects in interdisciplinary studies.

Honors Program to Honors College: Logistics, Benefits, and Detriments of the Transition

Erin Burke, Emma Winegardner, and Isaac Delote

Southern Adventist University

Southern Adventist University explores the transition from an honors program to an honors college in terms of funding and space allocation as well as potential benefits and detriments to reorganizing a community of learners.

Creating Diversity in Experiences and Perspectives within the Sciences: Reinventing an Honors Living/Learning Community

Sarah Exner

University of Louisville

UofL's Honors Program has re-envisioned its Science LLC by creating new experiences that challenge students to explore the sciences from diverse perspectives. We will discuss the LLC's history and how the structure has evolved into its current form.

Swannanoa (second floor)

Transient Analysis of a Patient Specific Abdominal Aortic Aneurysm

Lauren Reagin and Erik Schlappi

Mercer University

Patient-specific abdominal aortic aneurysm pre-op and post-op geometries were modeled using the Simpleware ScanIP 3D image processing software and then ANSYS CFX computational fluid dynamics was used to perform transient analysis of blood flow.

Enamored with Enamel: An Introduction to Tooth Development and Molecular Biology Research

Brittany Spivey

Northern Virginia Community College

My research objective was to understand the regulatory mechanism of dental epithelial stem cell commitment to the ameloblast lineage. Without ameloblasts, enamel cannot form. This research will shed light on the formation of other ectodermal organs.

Physiological and Psychological Effects of Environmental Exposure to Endocrine Disruptors

Abbey Grey, Tyler Bos, Brittany Cooper, Lindsey Oliver, and Megan Chuvala

University of North Georgia

One group of toxins that have been of note lately is endocrine disruptors, including bisphenol A (BPA). This study concerns an exposure paradigm that mirrors human exposure in a laboratory setting.

Victoria (second floor)

Flaming Devils: A Queer-As-Hell Analysis of Gender Transgression in Faust Myth Adaptations

Emily Deibler

Kennesaw State University

The presentation offers an examination of Faustian myth adaptations and Devil-centric works and what it means when marginalized gender identities and sexualities are aligned with damnation.

Rebecca Harding Davis: Spatial, Gender, and Labor Roles in Literary Realism



Katie Humphrey
Augusta University

My talk explores the relationship between the outside environment, inside familial belongings, and the idea of domesticity within the 1862 novel *Margret Howth* by Rebecca Harding Davis. I discuss the development of literary spaces.

Something Wicked This Way Comes: Fears and Fascinations About Powerful Women

Dakota White
UNC Asheville

The witch archetype is one of the most important in literature and film as it fully embodies society's perceptions of womanhood. We discuss the creation of an honors course that examines how our fears and fascinations influence the portrayal of witches in film and literature.

SESSION H (INCLUDING POSTERS AND ART)
3:15 P.M. TO 4:15 P.M.

Cherokee (second floor)

Research Panel Presentation

Serious Reading as a Guide for Justice

Lloyd Chapin, Candace Bury, Ed Bozeman, Joshua Hunziker, Karol Sihite, Craig Cranston, Steven Ballinger, Kristen Inoa, and Kimberly Drake

Eckerd College

This session will explore how the close reading and informed discussion of important texts can illuminate issues and shape strategies in the quest for a more just society.

Eagle (second floor)

Research Panel Presentation

Social Capital in Augmented Reality Video Games

Quinton Fallon and John Richards

University of West Florida

We investigate social capital in augmented reality video games by exploring Pokemon Go and its user base.



Windsor Ballroom A and B: Poster Session

Note: Those presenting posters are invited to set their work up at 2:00 (during Session G) and are asked to stand by their posters from 3:15 to 4:15; posters may remain up until 5:30.

1. **Protective Anti-inflammatory Role of Extracellular Ubiquitin in Myocardial Ischemia/Reperfusion Injury in Mice**

Kristina Lim, Stephanie L.C. Scofield, Suman Dalal, Mahipal Singh, and Krishna Singh
East Tennessee State University

In this study, we found that ubiquitin, a small highly conserved protein, has a protective anti-inflammatory role in myocardial ischemia/reperfusion injury.

2. **Nutrition and Addiction Recovery**

Erica Lundak
Kennesaw State University

Implementing proper nutritional therapy can aid an individual in their process of substance addiction recovery as the foods they eat help to heal addiction's damaging affects on the brain and body.

3. **Long Term Recovery After the ABC Day Care Fire in Hermosillo, Sonora**

Caitlin Manderski, Maria L. Rangel, and Priyadarhsani Dharia
UNC Greensboro

On June 6, 2009, a fire in the ABC day care center in Hermosillo, Sonora, claimed the lives of 49 children. This paper traces symptoms associated with long term depression and/ or PTSD of parents and caregivers from lifetime traumatic events.

4. **The Power of Play**

Aliyah Ruffin and Nailah Amen
UNC Greensboro

I will be presenting on an service project called Community Play!/All Stars Project. I will discuss the power of performance, play, and how improvisation is a tool for building character.

5. **Honors Congress: A Home Base**

Amanda Carmichael, Rebekah Fitzpatrick, Megan Tedlie, and Lauren Schmidt
University of Central Florida

Honors Congress will be displaying a poster and accompanying media to illustrate the distinguished nature of the organization, including its leadership opportunities, student-led recruitment, and versatile events.

6. **Mediterranean Diet v. Average American Diet**

Allison Harrison, Kaylee Price, and Cale Thornton
Chattanooga State Community College

Our Honors Congress will be displaying a poster and accompanying media to illustrate the distinguished nature of the organization, including its leadership opportunities, student-led recruitment, and versatile events.



7. Sensory Prediction and Motor Learning Across the Lifespan

Marcel Martin

Santa Fe College

In this study, we examine how sensory prediction ability changes across the lifespan and how it impacts motor learning.

8. Feasibility of Emergency Auto-Recovery Programs After Natural Disaster

Eyrika Orlando

Santa Fe College

This presentation explores an Emergency Auto-Recovery Program, a preemptive measure enacted in the event of an extreme natural disaster resulting in total collapse of infrastructural, governmental and economic systems, as well as broad loss of resources.

9. Satellite Based Quadrant Analysis of Tropical Cyclones in the South Indian Ocean

Samantha Allen

Santa Fe College

Meteorologists can improve their ability to forecast the onset of rainfall from tropical cyclones through a satellite-based analysis of storm organization. This study examines rain rates over three-hour periods and measures the distance from storm center to the edge of the rainfall region in each quadrant.

10. The Ecology Movement

Jana Register

Abraham Baldwin Agricultural College

Because American social culture today is similar to that of Nixon's presidency, it is crucial to study how citizens successfully morphed his policy to benefit the environment so that Americans today can similarly influence the current administration.

11. Major National Scholarships: Gateway to Self-Reflection and Goal Setting

Christina McIntyre

Virginia Tech

Applying for a major scholarship can be a rewarding experience. This presentation provides a guide for the life-changing journey that can lead to a time rich with self-reflection, goal setting, and other lasting benefits beyond winning the award.

12. NCHC Partners in the Parks: Celebrating America's Best Idea

Erica O'Donnel, Grace Grossen, Caitlin Van Wicklin, and Julia Manthey

Virginia Tech

NCHC's Partners in the Parks offers unique project opportunities in national parks led by professors and park staff. We would like to share our experiences to inspire SCHC members to participate in the upcoming 2017 projects.

13. An Exploration of the Factors Related to the Career Expectations of Sport Management Students

Andrew Mitchell

Georgia Southern University

This study focuses on how students in the field of sport management form expectations about their careers and what possible correlates may have explanatory significance.

14. A New Culture: Differing Views on Black Culture



Tytiana Christmas, Brittany Byrd, and Briana Byrd
Virginia State University

This presentation will explore differing views on black culture before and after students attend a Historically Black College or University (HBCU). The researcher's experiences form the basis for this exploration of how HBCUs shape black identity.

15. Project Knowledge: The Key To Black Excellence in STEM

Keyashia Willis

Virginia State University

Everyday more and more black children in America are being analyzed and noted to have poor math and science skills. So how do we overcome this barrier? Implementing a program like Project Knowledge.

16. Utilizing Diffraction Image Data Analysis to Improve Leukemia Diagnostic Efficiency

Rohin Gawdi

East Carolina University

Relatively high cancer mortality rates in rural communities often result from low access to diagnostic tools. The proposed method, utilizing algorithmic analysis of imaged cells, can make Leukemia diagnostic procedures more available to rural areas.

17. Should the PCAOB Adopt an Expanded Auditor's Report in the United States?

Maria Jones

James Madison University

This paper examines whether the PCAOB should expand the auditor's report in the US by performing a qualitative analysis of the expanded auditor's reports of four major UK grocery stores both prior to and after the adoption of the standard in the UK.

18. Psychological Outcomes and Solutions for Children and Families Affected by Type-1 Diabetes Mellitus

Melissa Gray

James Madison University

The effects of type 1 diabetes mellitus (T1DM) are explored and addressed by the formation of community workshops. This project establishes the success of interdisciplinary, community-based intervention and the need for expansion of such efforts.

19. Increasing Public Skepticism in the Face of Imminent Dangers from Climate Change: A Call for Science to Repair Rifts between Society and Academia

Morrissey Matthew and Joshua Schmidt

James Madison University

A framework for cross-cultural communication of scientific fact to a scientifically illiterate society is projected. The uneven responsibility of individuals versus corporations and their actions with regard to climate change is investigated.

20. How Scholarship Programs Facilitate First Generation College Students' Involvement

Maria Camila Restrepo Chavez

James Madison University

This project explores university programs that support and enrich the experiences of first-generation college students. To increase socio-economic diversity, these programs provide selected students with exclusive resources and opportunities.



21. Navigating Culture: An Exploration of Domestic Violence and Abuse Resource Provision to the Harrisonburg Iraqi Refugee Community

Kaitlin Holland

James Madison University

This project determines how to implement best practices in domestic violence and abuse resources for the Harrisonburg Iraqi refugee community. Tailoring existing services in a culturally competent way better supports our community mental health.

22. That's Not My Story

Madeline Mojallali

James Madison University

This presentation will focus on the importance of storytelling in theatre and the complicated nature of telling stories that are not our own. It looks at what stories we are allowed to tell and how we can tell them appropriately and effectively.

23. Using Ancient Practices to Fix Modern Problems: The Effect of Biochar on Einkorn Wheat and Soil Quality

Sarah Lauren Miller

James Madison University

Biochar has potential to improve depleted soils. Testing will determine if a biochar charging component can increase carbon content, water and nutrient holding capacity, Einkorn grain yield, and tiller count.

24. A Critical History of Social Justice Photography

Madison Schultz

James Madison University

My project examines a critical history of social justice photography. By analyzing key photographs from each decade, I will explore how the field has evolved over time and attempt to outline the implications for modern endeavors in photojournalism.

25. From Malta to the United States: Addressing Refugee Needs

Elizabeth Brannon

James Madison University

This study analyzes factors that influence effective provision of services provided by refugee organizations by comparing refugee organizations in Malta and in Harrisonburg, Virginia, utilizing research collected through fieldwork.

26. The Importance of Design in Carrying Forward a Society

Catherine Pierce

James Madison University

27. Ethical Implications of Artificial Intelligence

Navya Dev

James Madison University

As barriers between technology and society dissolve, many fear a tech takeover. I address the cultural and ethical implications of AI and propose that by embracing augmented intelligence, we can expand human capability and reduce socioeconomic inequality.



28. Science of Touch Reaching Prosthetic Hands

Samantha Borges

St. Petersburg College

Today, prostheses help people to walk and hold objects; However, individuals who have suffered amputation cannot feel their prostheses as part of their body. Sensor technology in prostheses can help individuals to recover their sensory motor skills.

29. Military Influence on Modern Olympic Equine Sports

Kayleigh Meier

St. Petersburg College

Olympic equine events are spectacles of regality and discipline that make two species, a human and a horse, come together as one. Originally, only military men were allowed to compete; the equine events we know today were shaped by the military.

30. 3D Printing Multi-Rotors/Drones

Azher Hamid

St. Petersburg College

Project Sentinel uses the growing technology of 3D printing in printing out the frame of a drone or multi-rotor as well as providing a practical application for these 3D printed machines.

31. The Efficacy of the University of West Florida's Interventions on Behalf of Male Victims of Abuse

Melissa Coombs

University of West Florida

This project studies the University of West Florida's interventions on behalf of male victims of violence among the student body.

32. Magnetic Materials for Adiabatic Demagnetization Cryogenics

James Love

University of West Florida

Adiabatic demagnetization properties of various materials were studied using the magnetocaloric effect to identify useful replacements for traditional refrigerants with more compact, efficient systems.

33. Hero or Zero: Fact Checking Our Past

Megan Frisina

Florida Southwestern State College

This study argues that the fabricated nature of our past is problematic. The human narrative may be thrilling, but truth can sometimes be lost in the glory of these tales. As such, some of the "great" people of our past may not be great after all.

34. The Philanthropist of Today

David Richmond

Kennesaw State University

This poster analyzes current financial data of more than 10,000 donors to a nonprofit in the arts. It examines variables such as age, income, amount of donations, and gender and uses various statistical methods.

35. Sexism in the City: Exploring Savannah's Gendered Landscape

Linnea Ryan



Armstrong State University

Savannah, Georgia has a rich cultural landscape. However, research shows that the landscape depicts men far more than women. Because of this, the city is unconsciously stating that male contributions to Savannah are more important than female.

36. Attachment Styles and Perceptions of Disabilities

Anna Jackson

Francis Marion University

This study assessed attachment styles in relation to implicit biases towards facial dysmorphology due to a genetic disability. Results of this study suggest that individuals with fearful attachment styles show the most negative implicit biases toward facial dysmorphology. Implications of these results for the field of genetic counseling are discussed.

37. A Comparison of Mechanical and Electrical Wind-Powered Water Pumps for Use in the Developing World

Chris Hays, Fletcher Buckley, Christopher Forte, Delaney Hancoc, Paul Lepre, Anthony Oreo, Thomas Schill, Alexander Seifans, Parker Tyson, and Zachary White

Embry-Riddle Aeronautical University

The Archimedes Initiative set out to compare the performance of mechanical and electrical wind-powered water pumps for use in the developing world. The project is ongoing with plans to have a full prototype by the end of the 2016-2017 school year.

38. Chandigarh: A 21st Century Smart City?

Dhruvee Patel

Kennesaw State University

This study is aimed to investigate and analyze Chandigarh's evolutionary growth patterns in light of Le Corbusier's novel planning principles and the political pressure while influencing and shaping a "smart" Chandigarh.

39. Endless Opportunities in Honors for Migrant Students

Nicole Liberato

Hillsborough Community College

As high school migrant students are preparing to enter college, they become serious about their future. There are many possibilities to succeed within HCC's Honors Institute, some of which we discuss in this presentation.

40. Assessing Health Beliefs Associated with Chronic Obstructive Pulmonary Disease among Nepalese College Students

William Cutrer

Mississippi University for Women

This research assesses the perceived risks and susceptibility associated with Chronic Obstructive Pulmonary Disorder (COPD) among the Nepali student population at Mississippi University for Women. It also describes means of educating this group about the disease.

41. Predicting Hot Spots for Heavy Metal Contamination in Bumpass Cover, Northeastern Tennessee

Melissa Magno, Arpita Nandi, Ingrid Luffman, and Mick Whitelaw

East Tennessee State University



Mining activities often release heavy metals into the soil and present potential environmental health concerns. This study quantified texture, permeability, and pH in 53 soil samples collected in a 0.67 km² area containing seven known abandoned Pb, Zn, and Mn mines in Bumpass Cove.

42. Adolescent Methylphenidate Exposure Alters Nicotine Self-Administration and the Accumbal Firing Response to Nicotine

Caitlynn De Preter, L. J. Hernandez, S. L. Kirby, R.B. Campbell, E. Beaumont, C.A. Bradley, M. I. Palmatier, and R. W. Brown

East Tennessee State University

The relationship of adolescent exposure to methylphenidate 1mg/kg (MPH; Ritalin) and nicotine self-administration in rats was observed. Self-administration results suggest rats exposed to MPH demonstrate enhanced motivation to administer nicotine and altered their accumbal firing rate.

43. The Art of Evolutionary Prediction

Shauna Fletcher

Lander University

This poster, with accompanying 3D models, will explore the evolution of hominids within the scope of dental characteristics. I hope to convey the importance of each evolutionary stepping-stone throughout humankind's progress on earth.

44. Visual Art That Reveals Mexico-United States Relations

Molly Ott

Lander University

By using visual art as a medium for presenting the narrative of the United States-Mexico relationship, I hope our history will become more personal. Progress is inspired when we fully perceive how intercultural exchange has shaped each nation.

45. Marketing Strategy for Carolina BBQ Shack

Christopher Tealey

Lander University

This presentation discusses the marketing strategy developed for a small business, Carolina BBQ Shack, in Greenwood, SC.

46. Beware of Greeks Bearing Opinions: Ancient Greek Perceptions of Persia and the Shifting Rhetoric of Eastern Otherness

Georgia Brown and Nathan Howard

UT Martin

From the time of Herodotus through Plutarch and the Roman Empire, historians describe Greeks by using descriptions of their foreign counterparts that largely correspond to the shifting political circumstances of Greece.

47. Parameterization of 3D Printed Parts

Hiroshi Yanagida

UT Chattanooga

This presentation will distinguish the compressive strength differences of one-inch cubes through strictly modifying the shell and infill density parameters of fused deposition modeling printed parts.



48. Antibiotics in Society: Effects of Antibiotics on Superbugs in Animal Agriculture, the Environment, and in Hospitals

Lauren Dunn

UT Chattanooga

Awareness of how bacteria thrive, how antibiotics are used, and how society is affected through antibiotic usage in agribusinesses, environments, and hospitals needs to be addressed in order to prevent unnecessary antibiotic resistance.

49. On the Significance of Botanical Illustration

Andrea Kur

UT Chattanooga

This presentation explores the relationship between illustration and botanical pedagogy through an in-depth historical analysis and practical exercise in botanical illustration.

50. Likelihood of Abusive Behaviors in Adolescent Romantic Relationships vs. Romantic Relationships in Young Adulthood: A Literature Review

Amanda Schwartz

UT Chattanooga

This review examines the likelihood of abuse, differences in abuse severity, knowledge of warning-sign behaviors, and frequency of churning relationships between adolescent romantic relationships and romantic relationships in adulthood.

51. A Study of the Photoacoustic Effect In Ethylene Gas

Jay Nguyen

UT Chattanooga

Photoacoustic spectroscopy will be used to detect and measure the concentration of ethylene; aspects of the experiment will be independently varied to determine ideal conditions for reliable detection outside of the lab.

52. Validation of siRNA Against LPA Receptor 4 to Analyze Retinal Ganglion Cell Guidance

Victoria Leroy

Winthrop University

LPA has a potential role as a repulsive guidance cue for retinal ganglion cells as they make their way from the eye to the brain. We used an siRNA to knock down *lpar4*, one of 6 known LPA receptors, to test its role in mediating this cell guidance.

53. Identity Salience and Self-Stereotyping Among Women

Tollie Schultz and Tara Collins

Winthrop University

We explore the effects of selectively priming for one social identity (*i.e.*, gender or sexual orientation) on women's degree of self-stereotyping, as well as their perception and endorsement of common stereotypes about gender and sexual minorities.

54. Correlation of Clinical Signs and Symptoms and Oxygen Saturation in the Hypoxic Patient

Christopher Chapman

UNC Pembroke



My research consolidates data and finds a correlation between signs and symptoms and hypoxia, and creates a quick and concise reference that can be memorized, allowing for the recognition of progressive hypoxia in risk populations.

55. Longevity Outcomes in Calorie Restricted Curly-Wing *Drosophila*

Jeremiah Nance

Pfeiffer University

If the experimental *Drosophila* are assigned to a restricted caloric schedule, the test group will have longer lifespan than the unrestricted *Drosophila*.

56. Fourth-Wave Feminism and Online Activism

Victoria Jackson

Pfeiffer University

Modern feminism has become a controversial and difficult topic. This research demonstrates how fourth-wave of feminism is not successful in unifying people on the issues and therefore has had a hard time accomplishing the larger feminist issues.

57. Psychological Stress Can Lead to Physical Illnesses

Patrick Mabe

Pfeiffer University

Stressors that influence or affect a person emotionally lead to biological responses that can in turn lead to an array of physical illnesses.

58. Postmortem Protein Degradation as a Tool for Estimating Time of Death in Forensic Cases

Allison Lindsey and Laura Hudson Reichenberg

Pfeiffer University

In order to relate protein degradation with time of death, we optimize procedures to use Desmin extracted from chicken in a series of experiments that map its degradation using SDS-Page, Western Blot analysis, and Coomassie Stain.

59. An Analysis of the Presence of Invasive Plant Species in Powell, Wolfe, and Menifee Counties of Kentucky

Calvin Andries

Eastern Kentucky University

The Red River Gorge Geological Area (RRGGA) is one of the most bio-diverse areas of Kentucky. This poster analyzes invasive plant species found within the tri-county area of the RRGGA and discusses the impact invasive species could have on the area.

60. Boston Harbor Islands Partners in the Park

Lily Boone

Eastern Kentucky University

I will give an overview my week in Boston, Massachusetts, as a participants in the Partners in the Park program. I will discuss five of my favorite moments and places of the trip.

61. Germination Rates and Viability for *Liatris* Species

Theodore Brancheau

Eastern Kentucky University



This experiment's purpose is to determine whether or not the stored samples of *Liatris squarrosa*, *Liatris bracteata*, *Liatris cymosa*, and *Liatris tenuis* are still viable within a seed bank, because their survival may one day depend upon it.

62. Diversity in Honors Classes: Photographed and Performed

Emily Rose and Katie Clark

Eastern Kentucky University

Honors allows students a way to study diverse topics through creative projects. We examine women photographers of the 1920s and the Civil War Battle of Shiloh. In our project we engaged with community members, which led to our becoming more involved citizens.

63. Diving into Disability: Understanding the Voices of Elementary Students with and without Specific Learning Disabilities

Morgan Wood

Eastern Kentucky University

Elementary School is a pivotal time in students' cognitive, social and self-development. This honors thesis dives into disability, listening to the voices of students with and without learning disabilities and examining how their educational experiences compare.

64. Diving into Diversity: An Analysis of Current and Prospective Eastern Kentucky Honors Students

Morgan Wood

Eastern Kentucky University

As EKU strives to increase our diversity, various academic and socio-economic demographics are compared between the prospective, incoming class and a sample of those who are currently enrolled within the program.

65. The Honors Program: Shaping the Leaders of Campus Day by Day

Shelby Blanton and Cody Sutphin

Eastern Kentucky University

This poster will explore how the honors program helps mold students for leadership positions in organizations around campus. Through classes, seminars, and other activities, the honors community is able to teach students the skills needed to be successful leaders.

66. Diversity in Healthcare: Understanding the Similarities and Differences Between an Allopathic Physician and an Osteopathic Physician

Cody Sutphin and Shelby Blanton

Eastern Kentucky University

This poster will provide the similarities and differences between the two types of physicians (allopathic and osteopathic) and will provide viewers with an increased understanding of a profession they may not fully understand.

67. Not Your Mother's Service Project: Character Education in the Modern School System

Amanda Bowman

Eastern Kentucky University

This service project explores how explicit character education can be implemented in the modern classroom. We also examine the project's impact on student's academic self-efficacy at three out-of class academic preparatory sessions for low-income high school students.

68. Occupational Differences in Play between Monolingual and Bilingual Children in Kentucky



Miranda Massey and Hannah Theissen

Eastern Kentucky University

This study examines the occupational differences between 7-12 year old monolingual and bilingual children in the state of Kentucky in order to determine whether language was a factor in their play choices.

69. Redefining the Canon: Jazz and the Challenge of the Western Art Music Tradition

Stuart Jones

Eastern Kentucky University

Jazz music challenged the work-concept that dictated the Western Art Music tradition by reducing the authority of the score, removing audiences from the concert hall, abandoning concert etiquette, and increasing the cultural relevancy of music.

70. The Role of the Mirror Neuron System on Antisocial Personality Disorder

Megan Hurley

Eastern Kentucky University

It is likely that an underlying biological precondition of antisocial personality disorder is an underactive mirror neuron system. Mirror neurons influence empathy, and a lack of empathy is characteristic of antisocial personality disorder.

71. Energy Usage, Renewables, and Computer Modeling of a Photovoltaic System at a Multi-Building Institution

Ashley Easterling

Randolph-Macon College

An analysis of the solar array on the campus of Randolph-Macon College is performed. The output of the array is modeled electronically, and the solar output is compared to energy usage across the campus.

72. How Women Have Shaped the History of Mathematics

Christy LaFlamme

Palm Beach State College

In mathematics, women have risen above the social stigmas of their time to advance our knowledge of the world. Hypatia, Sophie Germain, Ada Lovelace, Sophia Kovalevskaya, and Emmy Noether proved that women could achieve just as much as men.

73. The Rise of the Professional Gamer

Ben Kimbell

Birmingham-Southern College

In an age where technology controls our everyday lives, there has become a new “meta” in the gaming world. Money, marketing, time, and skill have come together to make E-sports an ever-growing phenomena.

74. The Two Faces of Politics: An Inquiry into the Politics of the Gothic Novel and Gotham City

Jonathan Rife and Taylor Cielo

Catawba College

Through Marxist criticism, we reveal the downfalls of two political figures. We analyze Ambrosio of Matthew Lewis’ *The Monk* and Harvey Dent of Christopher Nolan’s *The Dark Knight*, works created centuries apart, to provide insight into how power corrupts.



75. Moral Conundrums: Considering Moral and Legal Connections on an Inter- and Intra-State Scale

Sarah Bushey

Catawba College

This poster explores potential cultural connections between Algeria and the US, with the hope of achieving greater mutual social and political understanding within an increasingly globalized world.

76. With Liberty and Justice for All...Or Just Some: Examining the Environmental Justice Movement and its Current Issues

Alysia Plafcan

Catawba College

The environmental justice movement provides a voice for people who face discrimination. Why do some voices from Flint, Michigan, and Standing Rock ring louder than those in Appalachia and Hispanic communities? My paper helps to answer this question.

77. A Little Dose of Being Held Close: An Analysis of Skin-to-Skin Contact

Bridgett Oliver

Radford University

The purpose of this presentation is to educate others on the value of skin-to-skin contact. The presentation includes details on what skin-to-skin is, the many benefits, the few potential risks, and the role that the nurse provides in this setting.

78. Waking Up with A Nightmare: A Presentation on Emergence Delirium in Military Personnel with Preexisting Post-Traumatic Stress Disorder

Rachel Jones

Radford University

This presentation includes details about the increasing concern of "emergence delirium" in military personnel with existing PTSD receiving general anesthesia. It will include discussion of these occurrences and current recommendations for practice.

79. The Effects of Human Interaction on Corticotrophin-Releasing Factor in the Hypothalamus of Adolescent Rats

Audra VanDerwerker

Radford University

Human-rodent interactions can be stressful for animals but are typically neglected as a confounding variable. This study tests whether various types of interaction could alter CRF levels in the hypothalamus of rats, as an indicator of stress.

80. Recognizing Rape and Rape Myth Endorsement

Kylie Kuglar

Kennesaw State University

The aim of this study is to evaluate college students' ability to correctly apply a definition of rape to sexual behavior scenarios. Several scales are included to assess accuracy and decision-making as it relates to rape myth endorsement and gender.

81. A Mathematical Model for the Effect of Domestic Animals on Human African Trypanosomiasis (Sleeping Sickness)

Sagi Shaier

Kennesaw State University



The parasite which causes African Sleeping Sickness has several possible hosts, including humans and domestic animals. We develop a model to examine whether increasing the domestic animal population can deflect the infection from humans.

82. An Exploration of the Underlying Mechanisms of Spasticity of the Lower Extremity among Young People with Cerebral Palsy

Jordan Nourse, Alexis Carnes, Li Li, Gavin Colquitt, and Manuela Caciula
Georgia Southern University

Spasticity is the most common symptom among individuals with cerebral palsy. This study will present a new measure of spasticity using dynamometry and surface electromyography.

83. Effects of Exercise on Brain Progranulin Levels

Aashka Patel, Andrew Arrant, and Erik Roberson
University of Alabama Birmingham

Progranulin (GRN) mutations cause frontotemporal dementia. Heterozygous GRN-deficient mice were used to test if exercise could improve and normalize GRN levels. Exercise did not increase progranulin levels, but led to some improvements in pathology.

84. Increasing Age Is Associated with Subjective but not Objective Pain Sensitivity Assessments in Patients with HIV: The Role of Depressed Mood

Rachael Rainey, Burel R. Goodin, Michael Owens, Lindsey R. Yessick, Jennifer Okunbor, Kaneisha Mushatt, Olivia Harmon, and Jessica S. Merlin
University of Alabama Birmingham

As individuals with HIV age, they are prone to developing chronic health conditions including pain. We test the hypothesis that increasing age would be significantly associated with assessments of pain sensitivity in addition to depressed mood.

85. Increasing Inorganic Polyphosphate Synthesis in Escherichia Coli Through Genetic Mutations

Amanda Rudat and Michael Gray
University of Alabama Birmingham

Increased production of polyphosphate (polyP) is crucial for bacterial virulence. However, it is unclear how *E. coli* regulates polyP synthesis. We discovered mutations in the gene encoding polyphosphate kinase that result in overproduction of polyP.

86. Coagulopathy and Nosocomial Pneumonia after Severe Trauma: Methods

Elizabeth Olson and Shannon Walker
University of Alabama Birmingham

This project's objective is to evaluate the association between activation of the protein C pathway and development of nosocomial pneumonia in trauma patients. Major findings should suggest protein C helps to protect the barrier function of lung endothelium.

87. The Skills of Tissue Culturing and Working Aseptically

Benita Aifuwa
University of West Georgia

I explore future applicability of the skills that I have learned in tissue culture in such post-graduate careers as research scientist, laboratory technician, and clinical laboratory assistant.

88. Nursing Student Advocacy Related to the Nurse Licensure Compact in Georgia



Jessica Braswell

University of North Georgia

This project aims to empower student nurses to advocate for themselves by contacting their representatives regarding the Nursing Licensure Compact in Georgia.

89. An Exploratory Look at Locus of Control, Bullying, and Self-Efficacy

Victoria Beck

University of North Georgia

The purpose of this study is to understand the relationship between self-efficacy, locus of control, and bullying in college students with previous experiences with bullying in elementary, middle, and high school.

90. The Purification and Isolation of the Bacteriophage Nesserz from Environmental Samples

Vanessa Lewis

University of North Georgia

I isolated a bacteriophage from environmental samples through the processes of direct and enriched isolation. I eventually created a high titer lysate so I could record TEM photographs and to annotate the phage genome.

91. Discovery of FunSizePhil the Phage

Gabriella Fleck

University of North Georgia

I isolated a locally occurring phage through methods including direct isolation, enrichments, and serial dilutions. Through purification, I was able to amplify the number of phages in my concentration to later image them through TEM analysis.

92. Predicting GDP Growth in Central Africa in 2016

Mitchell Fariss and Emily Lockridge

University of North Georgia

Our research pertains to the economic growth of seven Central African countries with a goal of predicting which would experience the greatest increase in GDP in the year 2016.

93. Positive Effects of Video Game Play on Depression

Brittney Jones

Gardner-Webb University

Video game play has been associated with enhancing reward-reared activity in the brain (Lorenz, Gleich, Gallina, & Kühn, 2015). Therefore, it is hypothesized that video game play will have positive immediate and long-term effects on depression.

94. The Nursing Shortage in the United States: Past, Present, and Future

Rachel Sedota

Gardner-Webb University

The nursing shortage in the United States is a continuous problem with many different contributing factors. If no solutions are found soon, the United States could face an even greater shortage in just a few short years.

95. Back in Time: Marty McFly's Character Journey

Chelsea Sydnor



Gardner-Webb University

Marty McFly is a key factor in the success of the Back to the Future trilogy. This presentation examines his character appeal and dynamic arc throughout the films.

96. The Effects of Unmodified Lemon Peels on Extraction of Lead Ions and Methylene Blue Dye from Water

Tyler Hemingway and Jessica Ferguson

Gardner-Webb University

Lemon peels will be used to extract lead ions and methylene blue dye from water. The amount of lemon peel compared to the rate of the extraction of the ions and dye will be tested. This experiment explores a cheap, renewable way to purify water.

97. A Feuding House: An Examination of the Causes and Effects of the Decline of Bipartisanship in the United States Congress

AJ Horner

Gardner-Webb University

The legislative branch of the United States government is seen by many to be broken and ineffective. This poster explores the causes and effects of the rise of partisanship in the United States Congress and what, if anything, can be done to fix it.

98. Media and Racial Attitudes among College Students in the Southeastern United States

Jasmine Brickhouse

Augusta University

Ninety-eight Augusta University students were surveyed and were asked questions about time they spent on social media and their belief in stereotypes of African Americans in order to explore how social media affects racial attitudes.

99. How Compliance with Title IX has Shaped Peach Belt Conference Athletics

Catherine DeSilvester

Augusta University

I researched the effects of the Title IX gender equity clause in an athletic conference. I identified how the original schools in the Peach Belt Conference would be able to comply if the law required all three of its stipulations to be satisfied.

100. Psychological Studies of Pain-Depressed Behavior in Order to Access the Long-Term Neurological and Behavioral Effects of Pain

Sarah McPherson and Laurence Miller

Augusta University

The purpose of this study is to measure addiction using biological models in order to further analyze pain-depressed behavior in the presence of certain drugs classes and qualitatively measure the effect of a progressive schedule of stimuli.

101. Bisphenol A Contamination in Yellow-Bellied Sliders (*Trachemys scripta scripta*)

Kayla McDavid

Augusta University

Bisphenol A is a toxin that has unknown effects on humans. Studying turtles can show the level of toxins in an area, indicating potential consequences to human health when they use everyday products containing BPA.



102. Chetomin as a Potent Hsp90 Inhibitor

Stav Leibou, Sumin Lu, Abdssamad Debbab, and Ahmed Chadli

Augusta University

Heat shock protein 90 (Hsp90) is essential to tumor proliferation. Several Hsp90 inhibitors have been developed; however, none have been FDA-approved. We found a natural product called Chetomin which has proven to be an efficacious Hsp90 inhibitor.

103. Setting Precedents for a Nation on Trial: Selection of Defendants for the International Military Tribunal at Nuremberg

Delia Root

Murray State University

The choice of defendants for the International Military Tribunal in Nuremberg was a deliberate use of precedent and first impression by the allies in order to prosecute the rest of Nazi Germany.

104. Understanding Diverse Learning Styles in Honors Mathematics

Simon Mikulcik and Katie Clark

Eastern Kentucky University

At Eastern Kentucky University, we provide interdisciplinary courses that offer advanced mathematical topics in relation to literature and art. We hope to increase understanding and inclusion of the many diverse learning styles of students.

105. Social Attitudes and Experiences: Accuracy of Biases

Melina Gunby

Georgia Southern University

The present study seeks to determine how accurately people perceive their biases to be towards sexual minority populations.

106. A Novel Use of 3D Printing Demonstrates Structural Effects of Osteoporosis on Cancellous Bone Stiffness and Strength

M. Arielle Black

Winthrop University

3D-printing has enabled for the first time accurate mechanical testing of the same cancellous structure multiple times. Here we confirm that our 3D printer is capable of accurately printing life-size replicas of the original structure, further showing the potential of the technique to advance our understanding of mechanisms within cancellous bone structures.

107. Falling For Improvement: Analyzing CVA Fall Data to Improve Healthcare Systems

Anthony Noll

University of West Florida

This project utilizes CVA, better known as Stroke, a patient fall data to find new ways to improve healthcare quality across healthcare systems.

108. An Open Book to Women and a New Sub-Saharan Africa

Shya Lewis

Georgia Southern University

This presentation examines the significant transition of political systems Sub-Saharan African countries have adapted to and the effects that these events have on educational policies.



Berkeley (second floor): Art Exhibition

Gendered Expression: Exploring Gender Identity and Gender Expression Using Mandala Art

Zenoba Harris

University of South Florida

For the transgender and non-binary communities, expression of one's identity requires understanding of western norms. Learning from Jung's study of mandala art, "Gendered Expression" examines gender identity and expression through mandala creation.

I Pledge Allegiance

Megan Liveoak

University of Montevallo

For the transgender and non-binary communities, expression of one's identity requires understanding of western norms. Learning from Jung's study of mandala art, "Gendered Expression" examines gender identity and expression through mandala creation.

The Dark Side of the Bulldog

Nicole Kantchev

St. Petersburg College

This artwork is an objective look at a controversial issue in the dog breeding world: bulldog health issues. Do we keep breeding bulldogs? Do we cross breed them? Or do we stop breeding them all together? Decide for yourself what is right.

Know Jehovah!

James Palmer and Jason Stout

UT Martin

This is a body of artistic work that relates to the artist's religious identity as one of Jehovah's Witnesses. The work focuses on building an appreciation and awareness of their beliefs and history, as well as the artist's personal spiritual experience.

What Is Art?

Alea Coble

UT Chattanooga

Using three different forms of research, this exhibit reveals that, despite popular belief, art is both qualitative and quantitative. Understanding this dichotomy helps expand the function of art and dissolve the walls around the "art world."

Wearing Her Heart Outside Her Chest

Claire LeSar

Birmingham-Southern College

This abstract painting references the idiom "wearing her heart outside her chest" in an ironic sense. The bright color of the background was used to resemble hopefulness and the darker use of color for the girl's body displays her broken heart.

Centered

Jesse Huskey

Kennesaw State University



Framed by a delicate bloom, a dancer stands alone. Thin lines trace her form to create a subtle but firm figure. A geometric petal creates the containing shape, holding the image together, set over a stark black background.

The Reflection of Southern Progress Through Art

Baillie Conway

Augusta University

This body of work explores the way history can be visually represented through sculpture. Collectively, the pieces focus specifically on the time period in the South during which America transitioned from an industrial to a service-based economy.

Symba-Dog

Garrick Roe

St. Petersburg College

Short, stout and fabricated from upcycled steel by a first time welder, the Symba-Dog sculpture pays homage to a beloved pet.

Sculpting the Human Form: A Look into Modern Sculpting of the Body

Hannah Grau

High Point University

Revitalizing sculpting of the human body, this research delves into modern forms of casting personae. Employing three different methods of plaster, laser cutting, and 3D printing to translate the human bust into a permanent art form.

SRHC General Business Meeting: 4:30 p.m. – 5:30 p.m. (Grand Ballroom)



Saturday, April 1, 2017

Registration: 7:00 a.m. – 5:00 p.m. (Grand Ballroom Foyer)

Breakfast: 7:30 a.m. – 8:30 a.m. (Grand Ballroom)

SESSION I – 8:30 A.M. TO 9:30 A.M.

Alexander (second floor)

CRISPR-Cas9: Science and Ethics

Martha Gizaw

Northern Virginia Community College

This presentation will briefly explain the origins and functions of CRISPR-Cas9, followed by its applications in psychopathology, biomedical neuroscience, and population biology. Controversy in practical usage will also be discussed.

Brave New Further-Divided World?: Ectogenesis in Context

Kendra Bachelor and Nykema E. Mpama

Norfolk State University

Ectogenesis (gestation outside the womb) would be the ultimate scientific ‘intrusion’ into the process of human procreation. Will people accept it? Would such a practice unite or further divide feminists from extreme conservatives?

The Replication Project and Healthy Skepticism: Is Psychology Really Nonsense?

Natalie Hurst

UT Chattanooga

The Reproducibility Project aims to replicate 100 psychology studies. Many famous studies have been disproven. If most of what we know about psychology is false, what is true? This cannot be answered if we do not skeptically sort out the nonsense.

Berkeley (second floor)

The Power of Music

Mia Schuster and Dustin Chapman

Catawba College



Music speaks what words cannot. We played with this notion to discover music's effect on words. We started with a dry reading of a spoken word, and then we placed it in a song, allowing the audience to personally find the depth music can bring.

Sexual Assault, Theater, and Social Awareness

Abigail Megginson and Leonie Dupuis

University of West Florida

This presentation will consist of a screening of the documentary and a reflective presentation on the benefits of theater as a means for communicating difficult subject matter.

Image Classification Using Machine Learning

Binamrata Sharma

Morehead State University

Machine learning is a science of computing where computers learn from the data on their own without being explicitly programmed. My research is about understanding how computers classify handwritten digits from 0 to 9 by using machine learning.

Cherokee (second floor)

Ellen Foster, Poverty, and Race

Rachel Maddox

Middle Georgia State University

In her novel *Ellen Foster*, Kaye Gibbons depicts underprivileged characters unequally, with African Americans often fulfilling stereotypical roles and existing as underdeveloped foils for the underprivileged white protagonist.

When Enough Just Isn't Enough: Passing Boundaries in *Oryx and Crake*

Sierra Diemer

Armstrong State University

This ecocritical analysis of Margaret Atwood's *Oryx and Crake* examines transhumanism and the use of science for "advancements" deemed beneficial to our species, even at the cost of "altering nature" by destroying and reconstructing boundaries.

Folktales and Figures in the Shadows: A Thematic Study of Ghost Narratives

Leslie Robertson and Cami Jorek

University of West Georgia

Authors employ qualitative methods to investigate thematic elements of individuals' retelling of ghost stories, be it folklore or personal accounts. Interviews with multiple sources exemplify the psychological qualities of storytelling and hauntings.

Eagle (second floor)

Reacting to the Past: Founding Bismarck's Germany

Michael Swanson

Armstrong State University

The Reacting to the Past approach allows participants direct access to motives in history. Creating an RTTP game on German unification provides unique insights into how Bismarck and those around him were able to manipulate events in their favor.

Revolution and War: The Rise of a Nation



Austin Collins
Catawba College

Before the French Revolution, citizens perceived their past to be a dark time in history. During the revolution, the French brought about radical change, which allowed nationalism to soar to extreme heights within France and all of Europe.

Transformative Colonialism: A Bonapartist Legacy

Matthew O’Leary
University of North Georgia

The opportunity to re-educate unwanted elements of both French society and native cultures shaped French colonial endeavors. The intellectual and political framework of these initiatives drew from the resettlement programs of Napoleon III.

Grand Ballroom C-1 (first floor)

Cyclical Realities: The Intergenerational Effects of Homeownership and Wealth Accumulation

Mary-Madeleine Norgard
Mississippi University for Women

This research establishes the importance of using historical analysis to impact current public policy issues by using homeownership to analyze historic disparities of wealth accumulation within a rural community in Mississippi.

Funding a Cure: Philanthropy’s Role in Polio Research

Meghan Garity
University of North Georgia

This paper discusses the role of philanthropic funding of polio research and the development of a polio vaccine.

On Bottom-Up Solutions: Facing the Stories at the Bottom of the Well

JaNesha Slaughter
UNC Asheville

In the city of Asheville, citizens are being forced to confront the legacies of its discriminatory and destructive housing policies over the past century. The Facing Project is a method of pursuing bottom up solutions in posing that the answers to our society's many issue lie in the stories at the bottom of the well. This presentation will discuss the work of the Facing Project in responding to Asheville's housing crisis.

Grand Ballroom C-2 (first floor)

Retinopathy of Prematurity: Role of MicroRNA-21 in Pathological Neovascularization

Shubhra Rajpurohit and Manuela Bartoli
August University

Retinopathy of prematurity (ROP) is a disease that causes abnormal blood vessels to grow in the retina, leading to blindness in severe cases. By studying the role of Micro RNA-21 (miR-21), we will further understand the cause of blindness by ROP.

PAM-1 and Autophagy Pathways Intersect to Regulate Gametogenesis in *Caenorhabditis elegans*

Ashley Munie and Chris Trzepacz
Murray State University

Autophagy, has been found to be mediated by the Puromycin sensitive aminopeptidase (Psa). The *C. elegans* orthologue of Psa, pam-1, also governs fertility. We have examined the involvement of pam-1 in the autophagic regulation of gametogenesis.



A Study in Overcoming the Known Matrix Interferences of Phosphate Using the Standard Dilution Analysis Technique with Flame Atomic Emission

Emily Watson and Clifton Calloway

Winthrop University

Standard dilution analysis is a novel spectroscopic calibration method that can be applied to most instrumental techniques that are capable of monitoring two wavelengths and will accept liquid samples.

Swannanoa (second floor)

Honors Student Media Board Best Practices

Holly McGrory, Logan Prochaska, and Caleb Horowitz

UNC Wilmington

The UNCW Honors College discusses best practices for effective coordination and publication of multiple undergraduate publications. Additionally, selection criteria, delegation, succession strategies, and printing practices will be reviewed.

Not Just a Newsletter: Maximizing Your Scope and Reach

Alex O'Keefe and Luke Buckman

University of Louisville

This presentation will review tactics that have worked for *The Current*, UofL's Honors newsletter, and propose recommendations on incorporating new strategies into existing practices in order to maximize the potential of Honors publications.

Learning Through Doing: Experiential Learning in Journal Editing

Zeke Starr, Joshua Freeman, and Kate Mobley

UT Chattanooga

URCA, NCHC's online undergraduate research journal, is a double-blind, student peer-reviewed journal for honors undergraduate research. This panel explores experiential learning opportunities provided by developing and promoting a national journal.

Top of the Plaza (12th floor)

Administrative Round Tables

Issues Facing Honors Councils Across Colleges and Universities

Devin Boehmer, Morgan Wood, Kennedy James, Emily McAndrew, Emily Gray, Colin Flynn, and Anthony Noll

James Madison University

We will discuss issues to keep in mind in the structure and functioning of a successful honors council.

Beyond T-Shirts and Trampolines: The Next Step in an Honors Council's Growth

Anna Collette Simkins and Jonathan Rife

Catawba College

As the Catawba Honors Council seeks to improve upon past accomplishment and growth, two members of the council, a senior and sophomore, share the vision of the council as they learn from the past and look forward to the future.



Victoria (second floor)

Victims of Economic Failure: A Marxist Critique of *The Wolf of Wall Street*

Samantha Franklin

University of North Georgia

We discuss how the characters in the film *The Wolf of Wall Street* are victims of a flawed economic system and class structure.

An Impenetrable Bond: Chantal Akerman’s Relationship to Film, Identity, and Her Mother in *No Home Movie*

Rachel Hastings

Middle Georgia State University

Through *No Home Movie*, viewers are allowed access to the deepest part of Chantal Akerman’s identity by observing the deep bond of love and trauma that she shared with her mother.

How Do We Teach Emotion?

Ashlyn Avera

Georgia Southern University

This study examines movies to see if messages shown to children about sadness have changed over time. I compare two older Disney movies to two newer Disney movies. Findings reveal there has been a change in the way we teach children about emotions.

Windsor Ballroom A (first floor)

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

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.

Crossing Linguistic Barriers: A Multi-Disciplinary Look of Translation

Caitlyn Duffy

Columbia College

Although many of us encounter translations of various texts on a daily basis, we tend to take the process of translation for granted. This presentation provides insight into this process and how it shapes our communication.

Effects of English Orthography on Adult ELL Attainment of Written Proficiency in English

Zoe Moore

University of North Georgia

This study explores how the English spelling system affects adult English language learners’ ability to obtain written English proficiency. It employs narrative inquiry to determine the commonalities between a few ELLs’ experiences acquiring English.

Windsor Ballroom B (first floor)

The Rise of Illiberal Democracy in the Middle East: A Zakarian Analysis of Failed Attempts at Democratization in Iraq and Egypt

Max J. Prowant



Morehead State University

Efforts at reform in Egypt and Iraq failed to produce stable and liberal states because free-market capitalism, organized civil society and influential extra-governmental actors were absent or underdeveloped in both countries.

Demand for International Justice: A Closer Look at the Syrian Civil War and the Modern Humanitarian Crisis

Ala’a Abu-Spetani

University of Alabama Birmingham

In six years, the Syrian Civil War has resulted in the death of 500,000 people and the displacement of over 11 million more. The incessant violence and desecration of Aleppo demands international intervention and the prosecution of the Syrian president.

Building an Active Honors Student Administration

Emanuel Hartman and Alexandra Van Dorsten

UNC Asheville

We formed a successful student administrative body that encourages scholarship and community. The Student Honors Advisory Committee (SHAC) plans academic and social events that engage honors students and form a closer community.

SESSION J – 9:45 A.M. TO 10:45 A.M.

Alexander (second floor)

Freshman Impact Trip to Ocracoke, North Carolina

Will Zahran and Tulsi Patel

East Carolina University

We will discuss different perspectives on the development of the Freshman Impact Trip to Ocracoke, NC, and its impact on students’ college success. This upperclassperson-led retreat introduces the incoming students to ECU’s top merit scholars program.

The Rapid Expansion of Pre-College Coursework and an Honors Curricular Response

David Kime

North Kentucky University

This presentation reviews institutional research on the growth of pre-college credit within honors cohorts. A proposed curriculum that blends the needs of the freshmen population with institutional desires for a strong cohort will also be presented.

INSTEP: Using Honors to Address Institutional Goals

Tim Sadenwasser and Christina Heckman

Augusta University



This presentation highlights INSTEP, a faculty-driven initiative to leverage the Honors Program to transform Augusta University into a destination for students seeking both research opportunities and intensive faculty mentoring.

Berkeley (second floor)

Application of the Whole Person Assessment in Multiple Healthcare Professions

Lillian Kopsolias

University of Louisville

This study investigates how the Whole Person Assessment (WPA) is currently applied to various areas of health care, with the goal of effectively reduce patient misdiagnosis.

Travelers, Not Tourists: Maximizing the Transformative Power of Study Abroad

Leslie Kaplan

University of North Florida

Recent research about study abroad suggests specific pedagogical elements to incorporate to maximize the possibility that study abroad experience makes students more flexible and open-minded thinkers. Some ideas apply to non-study abroad courses as well.

Mirroring and Modeling in Psychology

Alexandra Lennox

University of North Georgia

Mirroring and modeling are similar phenomena in the field of psychology. This presentation offers several studies on both mirroring and modeling in order to define the difference between the two and to emphasize the importance of both phenomena.

Cherokee (second floor)

Dismantling the Patriarchy: Embroidery as a Subversive Tool

Anna Baker

Birmingham-Southern College

Feminist embroidery is currently trendy, but it is nothing new. Feminists have been subverting embroidery since the suffragists. In fact, there are many similarities in the suffragists' protest banners and the feminist embroidery today.

Jewish Resistance in World War II and Zionism: Making Aliyah in the Death Camps

Cierra Tomaso

Georgia Southern University

This presentation will show how Zionism played a key role in the motivations of Jewish resistance fighters in World War II. It will examine how as Jews found that their home countries cut ties with them, they found refuge in their identity as Zionists.

Let's Talk About Sex

Mackenzie Butera

UT Chattanooga



This paper serves as a comprehensive analysis of the Gateway Law from a feminist perspective, discussing its flaws and theorizing about the stigma surrounding pre-marital sex and the shame of buying contraception which that stigma imposes.

Eagle (second floor)

Ambulance Transport As Means for Undergraduate Medical Involvement

Troy Sterling

University of Louisville

Ambulance transport offers the opportunity to provide strong patient care, improve upon important skills, and more, all in an environment that the pre-med student can be prepared for. Explore this option as one to foster medical involvement!

Comparing Child Maltreatment Rates Across Different Areas of the United States

Kate Mobley

UT Chattanooga

We discuss a study of counties in the United States with significantly high or low rates of child maltreatment and the traits those counties share. We attempt to find the conditions under which child maltreatment occurs the most and the least.

Self-Harm in Honors vs. Non-Honors Students

Caitlin Wile

Morehead State University

To improve the resources made available to students who self-harm, the rate of self-harming behavior and its specific triggers are explored in detail. Honors students are the main focus, due to the pressure placed on them to do exceedingly well.

Grand Ballroom A (first floor)

Research Panel Presentation

Creative Alliances: An Examination of Opportunities for Honors and Non-Honors Students

Kelly Cantrell, Tyler Cooper, and Thomas Velek

East Mississippi Community College

This panel explores the services institutions offer diverse student groups. It compares techniques employed in dealing with groups often thought of as being widely divergent. These papers consider program responses to cohorts and suggest imaginative ways for bridging perceived differences.

Grand Ballroom C-1 (first floor)

Don Quixote and Religious Extremism: A Different Perspective

Jared Allen Steiman

UT Chattanooga

Miguel de Cervantes' Don Quixote provides an unorthodox view of religiously motivated terrorist organizations. The relationship between Don Quixote's madness and that of religious radicals reveals the psychology behind 21st century terror attacks.

To Be Science or Not to Be Science: Examination of Popper's Falsifiability Demarcation

Kathleen Springer

Bridgewater College



In "Conjectures and Refutations," Karl Popper argues that falsifiability should be the criterion to distinguish science from pseudoscience. In this presentation, I examine his claim by analyzing three assumptions within falsificationism.

Rational in Its Irrationality: A Critique of the All Lives Matter Movement and One-Dimensional Society

Elliot Newell

UT Chattanooga

Using Herbert Marcuse's One-Dimensional Man, this presentation will argue that the All Lives Matter movement is an example of uncritical thought that sustains white supremacy by denying its existence.

Grand Ballroom C-2 (first floor)

How Can I Not Be?

Randall Arana Vargas

Seminole State College

This piece is a poem set to music that highlights the challenges of minority males in current society.

untitled

Thomas Harmeier

East Mississippi Community College

This piece is an original song composition addressing diversity.

A Walk Through the Village

Samuel Baden

Pfeiffer University

A Walk Through the Village is the product of a project paired with the Creativity in the Arts course that had a focus on music. The composition is written in modified tertiary form and was inspired by feelings felt walking around Pfeiffer University.

Swannanoa (second floor)

Honors Unplugged: Creating a Collaborative Honors Campus in Western North Carolina

Shawn Bingham, Ben Young, and Kerry Lindsey

University of South Florida, Highland Lake Cove

This presentation will review our partnership with an "intentional community" as an Honors learning environment. Structure and aims, the role of community partners, and potential for including additional Honors Colleges and Programs will be discussed.

Visions for the Future of Honors

Sarah Baus, Allison Kimsey, and Kristen Soucy

Columbia College

Students present their visions on Honors (e.g., the inclusion of vocational studies) and invite interactive discussion. Come join a discussion on visions of future honors programs!

A Look into Honors Education

Brittany Gentilhomme

High Point University



Through an interdisciplinary project that combines strategic communication, creative writing and literature, I will explore my experience as an honors student in public education and college. My goal is to start a conversation about honors education.

Top of the Plaza (12th floor)

Administrative Round Tables

Creating and Restructuring a Leadership Council

Elizabeth Brannon, Devin Boehmer, and Matthew Reed

James Madison University

Creating an honors council comes with many questions regarding structure, leadership, and purpose. In 2015, we chose to restructure our council. Our changes have created a structure that produces better events, cohesiveness, and community.

Bridging the Gap: Attempting to Foster Community Among Honors Students in a Consolidation

Morgan Gallahue, Kaley Powers, Hannah Dorough, Linnea Ryan, Caitlin Shelby, and Leila Caughran
Georgia Southern University

The consolidation of Georgia Southern and Armstrong State will create two campuses. A group of students are coming together to build community between campuses. We welcome others with suggestions of how to build rapport between multiple campuses.

Victoria (second floor)

Whole Student: Whole Program

Lemke Dustin, Angela Mick, and Kathleen King

Hillsborough Community College

Key components in our program for student growth beyond academics include transparency and authenticity in mentoring and modeling personal behaviors. We discuss how this model supports student success.

Ins and Outs of CCU's CoBE Fellowship

Kayla Zeppieri, Kendall Haffner

Coastal Carolina University

The CoBE Fellows at CCU is a consulting fellowship that recruits high-achieving freshman with the goal of giving them real world experience. CoBE is based on experiential learning to grant associates with little business knowledge more opportunities.

Honors Ambassadors: Beyond Expectations to Peer Mentoring

Nathaniel Elijah Barrera-Nitz, and Nicole Burgos

Hillsborough Community College

Honors ambassadors have a critical role in guiding incoming students. Learn how HCC's Honors Institute plans and facilitates orientations that provides a rich experience to be shared with others interested in peer mentoring.

Windsor Ballroom A (first floor)

Cyberwarefare: The Responsibility of The World

Hayley Gibson

Lander University

It is the responsibility of governments of the world to take responsibility for creating laws and customs pertaining to cyberwarfare.



Notes of a Prisoner: A Reevaluation of Machiavelli

Zeke Starr

UT Chattanooga

In popular culture, Machiavelli has become synonymous with a doctrine of violent pragmatism, disinterested in the moral weight of means. This paper seeks to recreate the full image of Niccoló Machiavelli as an ardent patriot and republican theorist.

Policing the Traffic: The Capacity of Legal Change to Arrest Human Trafficking in the European Union

Charlotte McDonald

Georgia Southern University

The current refugee crisis in Europe is highlighting the international crime of human trafficking. I study how membership status in the European Union affects protection of these victims fleeing civil war in the Middle East.

Windsor Ballroom B (first floor)

Intertwining Reality with Fiction: How Research Informs Creative Writing

Summer Kurtz, Devan Pride, and Margaret Delisle

Georgia Southern University

This panel analyzes the relationship between creative writing and derived research. The panelists discuss travel research, poetry, psychological writing, and game and novel writing to show how research is necessary to enrich all creative writing.

Labeling Theory: Behavior of Juveniles Becoming Law-Abiding Citizens

Leannarda Ormond and Rickeal Davis

Miles College

Labeling theory examines roles taken on by an individual based on what they have been perceived to be by others. We discuss this theory in conjunction with the conduct of delinquents.

The Effects of Perceived Socioeconomic Status on Helping Behaviors

Tiffani Peel

Eastern Kentucky University

This study examined the effects of perceived socioeconomic status on helping behaviors. Past research indicates that socioeconomic status will affect likelihood of helping. Helping behaviors are potential norms in social classes.

SESSION K – 11:00 A.M. TO NOON

Alexander (second floor)

Child Brides in Pakistan

Tanay Adams

Lander University



Child marriage is an issue that is often intertwined with tradition, customary practices, and culture. This presentation examines recent attempts to modernize Pakistan's laws restricting child marriage.

Attention to Detail: Sensory Processing Disorders and Autism in “The Fall of the House of Usher” and “The Gold-Bug”

Sylvia Colquitt

Middle Georgia State University

The purpose of this paper is to examine characters in Edgar Allan Poe's works in relation to common stereotypes about persons with autism spectrum disorder and/or sensory processing disorder.

Redeployment: The Just War Theory in Contemporary Warfare

Camden Eckler

UT Chattanooga

Phil Klay describes choices US soldiers in Iraq must make in his fictional book *Redeployment*, raising the question of how one defines a just war. *Redeployment* shows that “Just War Theory” cannot be accurately applied to modern war.

Berkeley (second floor)

A Quantitative Examination of the Effects of Declining Birthrates on the US Population and Its Respective Implications

Charles Borinstein

Virginia Military Institute

The declining birth rates and changing age structure of the US population have raised concern regarding the future workforce. Using discrete mathematical models to simulate this decline, we offer potential solutions to the waning workforce.

Sincerely,

Serenah Tyson and Maria Amiel

Georgia Southern University

This project seeks to embody the sentiments and realities that people of the LGBTQ community experienced around the country during the time of the Stonewall Inn Riots in New York City in the late 1960s through a short fiction, narrative film.

Company Town

Amir Ahmed and Gina Sherman

UAB University Honors Program

Company Town is about Fairfield, Alabama, a small town that received a big blow with the closure of a U.S. Steel plant that had been present since the city's inception. Now, a town of just 11,000 must turn the page and try to begin a new chapter in its history.

Cherokee (second floor)

The Fear of Failure and Disappointment

Kate Hatch

Birmingham-Southern College

In this musical piece “Breathe” from *In The Heights*, by Lin Manuel Miranda, first-generation college student Nina returns home from Stanford University after dropping out. Her fear of disappointment directly relates to many college students today.



Show Boat: A Musical Parting the Waters for Racial History and Awareness on Broadway and Beyond, featuring a performance of “Can’t Help Lovin’ Dat Man”

Caroline Kirkconnell

Birmingham-Southern College

Jerome Kern and Oscar Hammerstein II’s renowned musical Show Boat charms and enlightens Broadway audiences to this day. In 1927, Show Boat revolutionized the nature of traditional Broadway theatre by confronting real-world racial issues head-on.

What Makes a “Place” into a “Home”?

Matthew Torbett

Birmingham-Southern College

In the song “Home” from The Wiz by Charlie Smalls, the character of Dorothy must ask herself what the word “home” means to her. This imagery and term usage shows what “home” might mean on a personal and deeply emotional level.

Eagle (second floor)

Why Representation in Media Matters

Alan Vo

University of Louisville

We have failed to represent the vibrant diversity of our society in the media we consume. Everyone deserves to be able to see themselves in the characters they adore, to have a character that looks like them. All deserve to have their stories told.

Sex, Swimsuits, and Sports Illustrated: Visually Analyzing the Evolution of Style, Skin, and Place in the SI Swimsuit Edition

Lucia Conkright

Augusta University

This paper investigates the changing standards in advertising, fashion, and portrayal of the female body by comparing and contrasting the three 2016 Sports Illustrated Swimsuit Edition covers to those of previous years.

The Changing Nature of Gonzo Journalism in an Election Cycle

Jacob Tomberlin

Augusta University

This thesis compares Rolling Stone magazine contributors Hunter S. Thompson and Matt Taibbi’s election reporting from 1972 and 2016 by using their writings to measure the lasting effect of gonzo journalism.

Grand Ballroom A (first floor)

Research Panel Presentation

Free Speech on the University Campus

Jeremy Killian, Ashley Canter, Autumn McCauley, George Hyde, and Zoe Linder

Coastal Carolina University

Does a university have a responsibility to protect freedom of speech on its campus? This panel will present position papers discussing this issue, especially as it applies to Coastal Carolina University.

Grand Ballroom C-1 (first floor)



Undercover Fuhrer: A Satirical Short Film

Will Perkins

East Mississippi Community College

The film explores Adolf Hitler's controversial reign of power through a satirical interview. We follow Hitler through an average day and use interview footage to expose his ideology.

Miss Fortune

Alex McFry

Jacksonville State University

Miss Fortune tells the story of Taylor, a young gay man who finds himself at the end of an extremely rocky relationship. A few glasses of wine (and a pair of black, magical six-inch stiletto heels) later, he realizes the only person's love he was missing was his own.

360° Experience: A Day in the Life of a UHP Student

Aileen Jong

UAB University Honors Program

Through a video blog captured in 360°, viewers will participate in a fully immersive experience that shares a day in the life of a University Honors Program student at UAB.

Grand Ballroom C-2 (first floor)

Let's Talk REDTalks: How University of Louisville's Honors Student Council Fostered Faculty-Student Discussion

Emilie Cornett and Danyal Bhutto

University of Louisville

We take a panel-style approach to the orchestration and execution of REDTalks and inspiring new adaptations across college campuses of the southern region.

A History of the Oscars: The Competition and Controversy Surrounding the Film Industry's Most Prestigious Award

Bryce Baudoin

East Mississippi Community College

This presentation offers a short journey through the history and highlights of the Academy Awards.

From Pitch to Production, an Inside Look at Entertainment Pre-Production and Workshopping

Megan Wise

Jacksonville State University

From pitch to production, audiences can gain appreciation for the world of entertainment we are immersed in daily. By analyzing the process, one will be able to identify how much an idea can grow once it gets a green light.

Swannanoa (second floor)

Performance Evaluation of a Small Tesla Turbine

Kyle Wheeler

Mercer University

In this study, a small Tesla turbine was created to evaluate the performance potential of a Tesla turbine as a function of the number of disks used.

Specific Impulse Testing of Solid Rocket Propellant

Neal Welch



Mercer University

A rocket motor testing device was used to measure the specific impulse of solid rocket propellants. A converging-diverging nozzle with an expansion ratio of 12:1 and solid propellants with oxidizer-to-fuel ratios of 60:30, 65:35, and 68:32 were used.

Semi-Autonomous Remote Control Car

Tyler Goubeaux

Mercer University

In the next decade, autonomous cars will revolutionize the automobile industry. The project being presented contains some of the systems on a smaller scale to represent the ability to easily and cheaply reproduce these systems.

Victoria (second floor)

Artistic Convergence: Exhibiting Global Unity in the Wake of Tragedy

Hannah Mizell

University of West Florida

Convergent, a hypothetical art exhibition, displays American art created in support of France after the November 2015 Paris attacks and the country's subsequent artistic reciprocation after the Pulse nightclub shooting.

“Strive that the Fingers of your Hand Will Write What is Good”: A Theme-Based Study of the Kufic and Naskh Styles of Arabic Calligraphy

Dala Eloubeidi

Birmingham-Southern College

This presentation offers an overview of the history of Arabic calligraphy, with a focus on key themes through which the use of calligraphy as an effective tool to discuss the Syrian crisis.

The Relationship Between Visual Arts and Nursing Education

Alyssa Frederick

Armstrong State University

The combination of visual art and nursing yields potential for improved outcomes of both patient welfare and nursing practice. This presentation will discuss these benefits and encourage a greater use of art for quality improvement in healthcare

Windsor Ballroom A (first floor)

Pass Or Fail: A Public Management Analysis of the Federal Appeals Court Decision in O'Bannon v. NCAA

Evan Reid

Radford University

The presenter uses the public management theory of “public value” to analyze the Federal appeals court ruling in O’Bannon v. NCAA, a landmark case for the ongoing “pay for play” issue in NCAA athletics.

A Case Study of the Underlying Causes and Implications of the Landmark GM-Opel Automobile Plant Closure in Bochum, Germany

Jennifer Shaffer

Georgia Southern University

This study examines the underlying causes of and the subsequent reactions to the sudden closure of the flagship GM-Opel plant in Bochum in 2014 after 52 years of continuous operation in the Ruhr-valley region of northwestern Germany.



The Relationship Between Motivation, Job Satisfaction, and Autonomy in Public School Teachers

Meredith Russell

University of North Georgia

Given the high attrition and migration rates of public school teachers, this research seeks to find out if motivation, job satisfaction, and autonomous support are possible contributing factors.

Windsor Ballroom B (first floor)

The Wife of Bath: Sandwiching Society

Hannah Leonard

Jacksonville State University

The truth is, no matter where a person lives in the world, gender roles exist. Everything is fine until one person goes against the norm; a woman breaks the domestic mold and decides marriage and children aren't for her; she wants to be successful. Through this lens, the Wife of Bath has quite excellently represented the European culture by representing everything that it is not.

Effects of Sleeping Habits on Cognitive Function in Students at Armstrong State University

Stephanie Miller

Armstrong State University

Previous research links lack of sleep and stressful lifestyles with a higher risk of developing dementia. This research evaluated the relationship between sleep deprivation and cognition on local college students at Armstrong State University.

Do Personality Differences Affect Motives to Deceive? How Personality Differences Affect How We Lie to Others

Jason Weber

UT Chattanooga

Lying has been investigated from cognitive and social perspectives, however one area that has not been as thoroughly investigated is personality. Given that personality is related to a variety of behaviors it is probable that there is a connection.

SRHC Executive Committee Meeting: 12:30 p.m. – 1:30 p.m. (Oakland Heights, 12th floor)



(Non-Exhaustive) List of Local Businesses Featuring Gender Neutral Restrooms

Restaurants, Bars, and Coffee Shops

- **Champa:** 3 Biltmore Avenue, 828-225-8885
- **City Asheville Bakery:** 60 Biltmore Avenue and 88 Charlotte Street, 828-252-4426
- **Curaté:** 11 Biltmore Avenue, 828-239-2946
- **Dobra Tea House:** 67 N. Lexington Avenue, 828-253-8654
- **Doc Chey's Noodle House:** 37 Biltmore Avenue, 828-252-8220
- **The French Broad Chocolate Lounge:** 10 S. Pack Square, 828-252-4181
- **The Gourmet Chip Co.:** 43 ½ Broadway, 828-254-3335
- **Green Sage Café:** 5 Broadway, 828-252-4450
- **High Five Coffee:** 13 Rankin Avenue and 190 Broadway, 828-216-6550
- **Izzy's Coffee Den:** 74 N. Lexington Avenue, 828-258-2004
- **The Laughing Seed Café:** 40 Wall Street, 828-252-3445
- **Mayfel's:** 22 College Street, 828-252-8840
- **The Noodle Shop:** 3 S. Pack Square, 828-250-9898
- **Old Europe:** 13 Broadway, 828-255-5999
- **The Social Lounge:** 29 Broadway, 828-575-9005
- **Trade and Lore Coffee:** 37 Wall Street, 828-424-7291
- **Tressa's Jazz and Blues Club:** 28 Broadway, 828-254-7072
- **Tupelo Honey Café:** 12 College Street, 828-255-4863
- **White Duck Taco Shop:** 1 Roberts Street, 828-258-1660

Other Businesses

- **Anthropologie (clothing):** 37 N. Lexington Avenue, 828-253-4518
- **Downtown Books and News (bookstore):** 67 N. Lexington Avenue, 828-253-8654
- **The Fine Arts Theatre (locally-owned movie house):** 36 Biltmore Avenue, 828-232-1536
- **French Broad Food Co-Op (grocer and community center):** 90 Biltmore Avenue, 828-255-7650
- **Mast General Store:** 15 Biltmore Avenue, 828-232-1883