

SOUTHERN REGIONAL HONORS COUNCIL

41st Annual Conference

April 4-6, 2013

Louisville, Kentucky
Louisville Marriott Downtown

“STRIVING TO BE THE GREATEST”

HOSTED BY THE UNIVERSITY HONORS PROGRAM OF
THE UNIVERSITY OF LOUISVILLE

AND

THE HONORS PROGRAM OF
EASTERN KENTUCKY UNIVERSITY

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CONFERENCE AT A GLANCE

THURSDAY, APRIL 4, 2013

10:00am–12:00pm	Community Service
9:00am–9:00pm	Registration
12:00pm–1:30pm	SRHC Executive Committee Meeting
1:00pm–2:00pm	Student Moderator Meeting
2:00pm–3:00pm	Session A
3:15pm–4:15pm	Session B
4:30pm–5:30pm	Session C
6:00pm–7:00pm	Welcome Reception (Hors D'oeuvres & Cash Bar)
7:30pm–9:30pm	SRHC 2013 Trivia Bowl

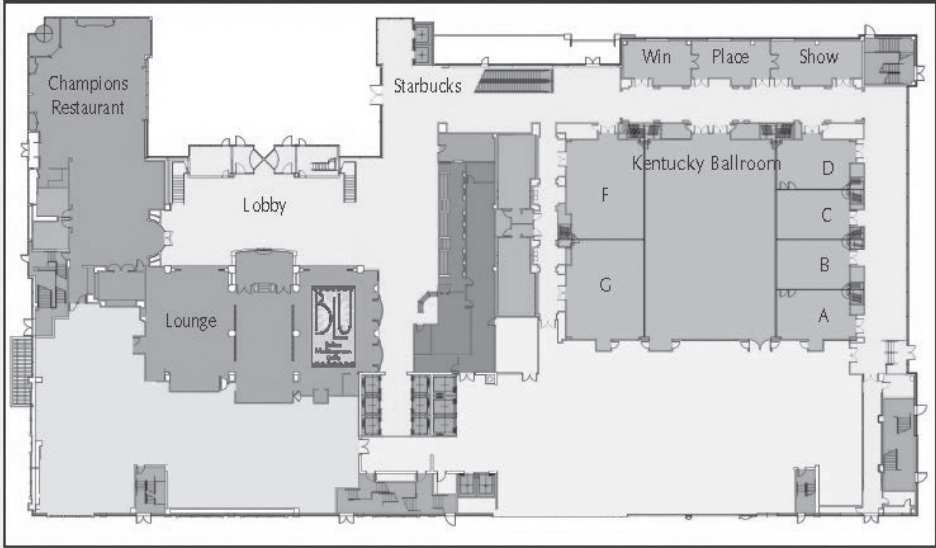
FRIDAY, APRIL 5, 2013

7:30am–8:30am	Continental Breakfast
7:30am–3:30am	Registration
8:30am–9:30am	Session D
9:45am–10:45am	Session E
9:30am–10:45am	Poster and Visual Art Setup
10:45am–12:30pm	Session F: Poster, Visual Art Session
12:30pm–1:45pm	Lunch, Awards, Keynote Address
2:00pm–3:00pm	Session G
3:15pm–4:15pm	Session H
4:30pm–5:30pm	SRHC Business Meeting
6:00pm–9:00pm	Gala and Silent Auction (Hors D'oeuvres & Cash Bar)

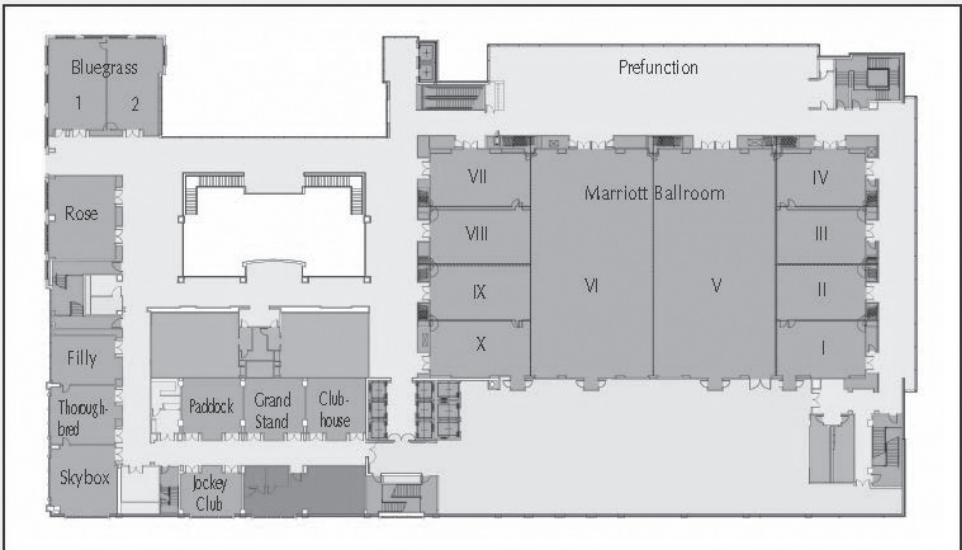
SATURDAY, APRIL 6, 2013

8:00am–9:00am	Session I
9:15am–10:15am	Session J
10:30am–11:30am	Session K
12:00pm–1:30pm	SRHC Executive Committee Meeting

LOUISVILLE MARRIOTT DOWNTOWN HOTEL

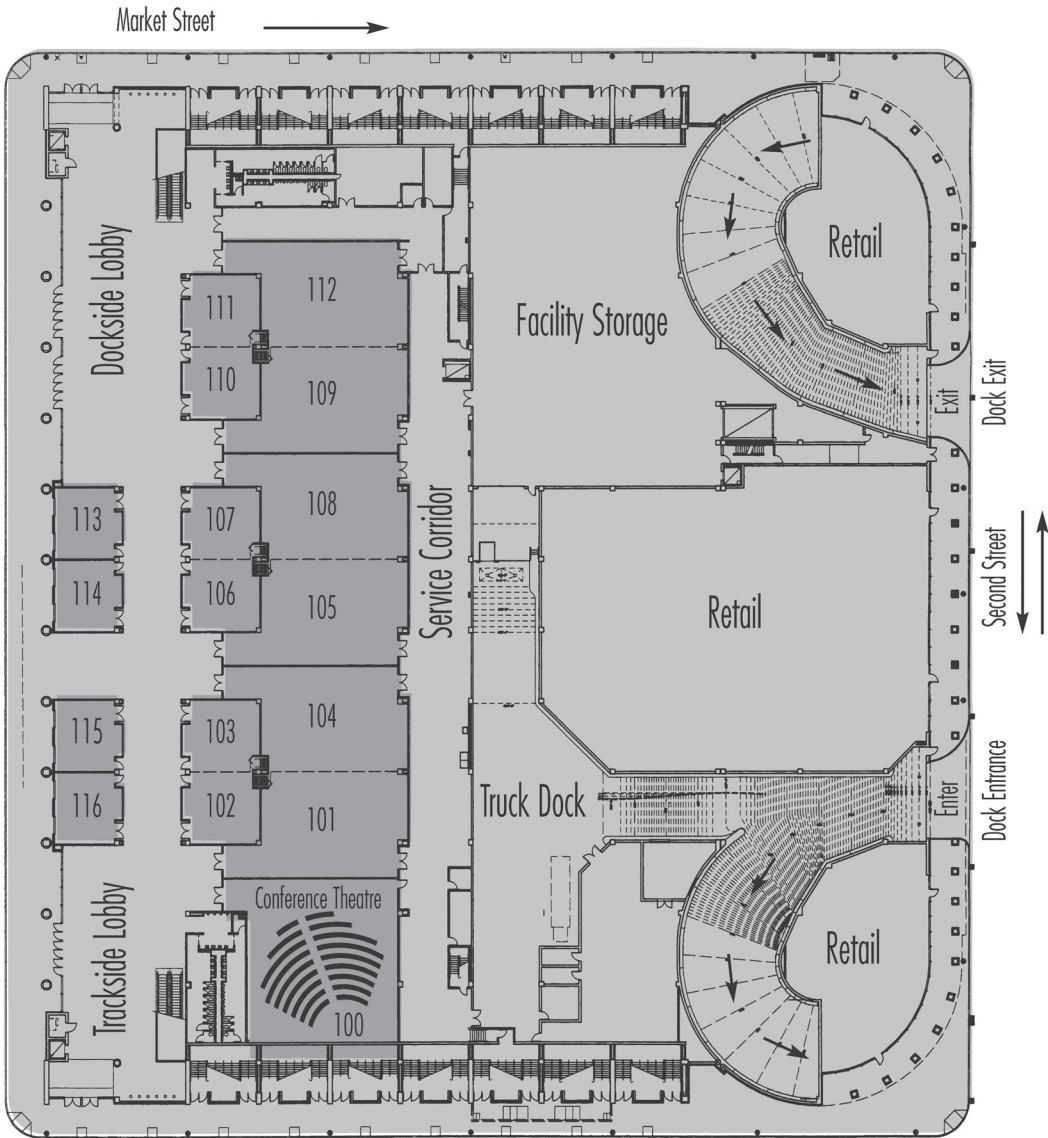


First Level



Second Level

KENTUCKY INTERNATIONAL CONVENTION CENTER FLOOR PLAN (ROOMS 105 AND 108)



GENERAL CONFERENCE INFORMATION

Welcome to the 41st Annual Southern Regional Honors Council Conference! We hope that you will enjoy your time in Louisville not only sharing your research and ideas about honors education during our presentation sessions, but also during the pre-conference river clean-up project, the Thursday night SRHC Trivia Bowl (for which winners will receive awards!), and our Conference Gala at the fabulous Muhammad Ali Center on Friday night. We promise a thoughtful, intriguing, and hopefully joyous time here in a city with a name you'll be challenged to pronounce correctly!

Our Silent Auction this year will benefit Kosair Children's Hospital, one of the top such institutions in the United States and a frequent recipient of the philanthropic efforts of the University of Louisville Honors Program. We from the University of Louisville's Honors Program and the Eastern Kentucky University Honors Program are proud and pleased to have you here in the Bluegrass State and hope that we will all continue to strive to be the greatest, no matter where we are or what we happen to be doing there. Welcome to SRHC 2013!

Registration

Conference packets for those who pre-registered are available at the Conference Registration Desk from 9 am to 9 pm on Thursday and from 7:30 am to 3:30 pm on Friday in the Kentucky Ballroom Foyer.

Conference Badges

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

Conference Etiquette

Please turn off all cellular phones while attending conference sessions. *Please refrain from leaving sessions early or arriving late if at all possible.* If you must do either, please wait to do so until the speaker has finished his or her presentation.

Please adhere to the strict timetable posted in the conference program. *Presenters relying on the projection systems for their PowerPoint, etc. presentations should have their presentation on a flash drive and pre-load their presentation on the host computer before the sessions begins.* Any time lost loading and accessing the presentation will be taken from the presenter's speaking time. ***There will be no internet connections in the conference breakout rooms; you will not be able to access the internet for your presentations.*** Moderators should be in every session to make sure presentations run the appropriate length and to moderate the Q&A sessions afterward.

SRHC Business Meeting and Elections

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

SRHC dues are not included in the cost of the conference registration. Only paid members may vote in the SRHC elections, including the SRHC student representatives. SRHC institutional members receive one ballot. Conference attendees can join SRHC at the conference registration table on Thursday from 2 pm to 5 pm and on Friday from 9 am to 12:30 pm. Membership election ballots will be available at the registration table Friday from 2 pm to 4 pm. Ballots will not be distributed after this designated time. Student candidates must submit a one-page resume and a letter from their honors director stating that they will have the resources to attend the next NCHC and SRHC meetings.

THANK YOU!

We would like to thank all of our generous sponsors: The Eastern Kentucky University Office of the Provost and Honors Program; the University of Louisville's College of Undergraduate Affairs, College of Business, College of Arts and Sciences, and the University Honors Program; and the National Collegiate Honors Council. There is a deep pool of SRHC conference wisdom in which we swam freely: thanks so much to Phil Frana, Lauren Furry, Frank Provenzano, Rick Scott, and Mike Sloane. The staff members of the University Honors Program at U of L and the ECU Honors Program were invaluable in this process; special thanks to Luke Buckman and Ryan Moran. We have easels, projectors, and laptops (technology!) due to the generosity of many folks: thanks to Leslie Baylis, Lauren Furry, Margaret Lane, Jean Marlow, Frank Provenzano, Darrin Smith, and Charles Woolum. We have moderators because of the collective forces of the Kentucky Honors Roundtable and the nuanced program manipulations of Tom McPartland. And we have a program thanks to the computer virtuosity of Thomas Bertram and Phil Frana, and the design magic of Russell Helms.

As conference hosts, we are happy to again welcome you to Louisville and SRHC 2013!

Linda Frost, Honors Program Director, Eastern Kentucky University
John Richardson, Honors Program Director, University of Louisville

WE THANK THE FOLLOWING SPONSORS:



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Honors Program



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KEYNOTE SPEAKER

Harry Pickens



Harry Pickens is a pianist, composer, teacher, organizational consultant, and engaged citizen. His inspiring and unique recordings, concerts, and workshops have touched the lives of over 250,000 people over the past 25 years.

Harry has been a classroom teacher at the elementary, middle, high school, and collegiate levels. He has conducted seminars and workshops on Leadership, Personal Mastery, Communication, and Social Artistry throughout the US, creating and promoting community-wide celebrations that tap the power of the arts to inspire positive social change. His honors seminars on 'thriving' at the University of Louisville have inspired dozens of students to change their lives.

His international career as a jazz pianist has taken him to 17 countries throughout Europe, Japan, and the Americas, collaborating with many top names in the jazz field. As a composer, his musical talent is devoted to creating works that increase public awareness regarding critical social issues, and celebrate the promise and possibility of a world that works for all. His original compositions draw on a diverse and extensive musical background encompassing classical, jazz, popular, and world music genres.

Harry is the recipient of multiple awards and honors, including the 2009 Kentucky Governor's Awards in the Arts for Education, the 2007 Community Arts Award (Arts Council of Louisville), the Center For Conflict Resolution Peacemaker Award (2005), LEO Reader's Choice Best Jazz Band award (2005), and the Plymouth Lighthouse Award (2007).

CONFERENCE SCHEDULE

THURSDAY, APRIL 4, 2013

9:00 am–9:00 pm

Registration—Kentucky Ballroom Foyer

10:00 am–12:00 pm

Community Service—Show and Off-Campus Site

12:00 pm–1:30 pm

SRHC Executive Committee Meeting—2nd Level Board Room

1:00 pm–2:00 pm

Student Moderator Meeting—Show

Session A - 2:00 pm–3:00 pm

Kentucky Ballroom A

VICTORIA FERGUSON

Norfolk State University

BEYOND CHRIS AND RIHANNA: INTIMATE PARTNER VIOLENCE AMONG YOUNG COUPLES

Although the term “intimate partner violence” conjures up thoughts of Chris Brown and Rihanna, many young couples (usually women) suffer similar distress. The purpose of this research is to examine trends among young couples (17-30 years old) who may be experiencing physical, sexual or psychological abuse. Data were gathered through surveys and interviews in which participants were asked to self-disclose about their experiences. This research will provide insight on the risk factors and possible treatment of this dangerous social problem.

CAITLIN RATZLAFF

Gardner-Webb University

A STUDY ON THE ASSOCIATION BETWEEN COMMUNICATION, CONTROL, AND AUTONOMIC NERVOUS SYSTEM (ANS) REACTIVITY IN COMMON COUPLE VIOLENCE

At the SRHC in April, I would like to present my findings of my under-

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graduate research. My hypothesis is: Poor communication skills, control in relationships, and heightened autonomic nervous system reactivity will be positively associated with the endorsement of common couple violence. I recruited 40 couples, 20 of which were Gardner-Webb University students and 20 were married couples from surrounding churches. Couples were separated to answer relationship surveys. They were brought back together to talk about the weather for 2 minutes and the male had his baseline blood pressure taken. Then the couple was instructed to play the game Jenga. Only the female physically touched the game pieces and the male gave verbal instructions. After 5 minutes, the blood pressure of the male was taken again. The data was examined to test the association between communication, control, relationship satisfaction, and blood pressure.

DOMINIQUE A. WILSON

Clafin University

THREATENING SELF-ESTEEM: EXPLORING THE RELATIONSHIP BETWEEN PUBLIC PERCEPTION AND PERSONAL IDENTITY

The purpose of this study is to explore the relationship between society's perceptions of African American men and the development of Black male identity. This investigation will measure how closely Black men identify with the stereotypes attributed to them, and whether or not this proximity affects their sense of self-esteem. Surveys were designed to measure both components and Pearson's correlation tests as well as T-Tests were used to analyze the data. The research may benefit those seeking to understand the underlying factors influencing the behaviors of Black men, and may be particularly interesting in regard to communication and intimacy.

Kentucky Ballroom B

FRANK PROVENZANO, PHD, MARY DELANEY, MARIA KOLB, DANIEL MARTINEZ, CANDACE THOSATH

Greenville Technical College

LEADERSHIP THROUGH THE HUMANITIES: AN HONORS EXPERIENCE

Greenville Technical College requires all its honors students to complete an Honors Leadership seminar which explores the qualities of leadership written about in the humanities. Students also explore their own leader-

ship qualities to grow in self understanding and begin the journey of service to others. The panel will explore the experiences of several students who have participated in this seminar and the value it has brought to their honors experience. This course could serve as a model for other honors programs.

Kentucky Ballroom C

INNA MALYUK

Kentucky State University

ADAM SMITH AND VIRGINIA WOOLF ON THE ROLE OF SYMPATHY

In *The Theory of Moral Sentiments*, Adam Smith gives a detailed account of the role that sympathy plays in relationships. Defining sympathy, its basic principles, and its requirements, Smith claims that it is necessary for increasing the likelihood of a mutually satisfying relationship. Can this theory be applied to real life as it is represented through classical works of literature? I address this question by analyzing the issue of sympathy in relationships between the main characters of Virginia Woolf's *To the Lighthouse*.

KELSEY KEANE

Georgia Southern University

SO IT GOES: HOPE AMIDST THE APPARENT CHAOS OF *SLAUGHTERHOUSE-FIVE*

Through the novel *Slaughterhouse-Five*, Kurt Vonnegut writes to remember and to demystify the atrocious slaughter of more than 135,000 innocent lives in Dresden, Germany during World War II. Reflecting the despondency brought by war through one veteran's sporadic jumps in time, the seemingly chaotic narrative may initially lead readers to assume that *Slaughterhouse-Five* mimics the fatalistic conclusions evident in the postmodernist tradition; however, upon closer reading of Vonnegut's work a stylistic order becomes evident, establishing cohesive themes concerning the effects of violent trauma and the discovery of hope amidst the atrocity of war. Within a text which many critics argue structurally points to a fatalistic hopelessness, unexpected hope prevails. Life continues, providing society with the opportunity to learn from the mistakes of the past—to work towards comprehending and recording humanity's darkest capabilities in order to forever ensure they are never repeated.

ADRIENNE FRY

Valdosta State University

**DECONSTRUCTION OF CARTESIAN PARADIGMS: SAMUEL BECKETT'S
*MOLLOY***

This paper gives insight to the underlying messages hidden in the language and Cartesian paradigms in the novel *Molloy* by Samuel Beckett. It examines how Beckett creates and defines the main character, Molloy, through numerous references to the philosopher René Descartes, and the reader consequently sees the world through Molloy's eyes. His thoughts and feelings are his only connection to the outside world, and this distance from society becomes a subject of great consideration in the paper. Beckett continually uses Cartesian paradigms as an example of dysfunction in relation to the main character, and in this paper, the way in which these Cartesian paradigms are contradicted within the novel will be explored. Beckett also uses a form of literary criticism called "deconstruction," which plays an extremely crucial part in the understanding of this novel. Deconstruction, in a few words, can be defined as the inability of language to describe reality. Beckett uses this idea by making Molloy so unable to accurately describe what is going on in his life, and this demonstrates an incomplete reality. Molloy is constantly searching for who he is, and his inability to find himself aptly demonstrates Beckett's point of an incomplete reality.

Kentucky Ballroom D

THOMAS WERFEL

Murray State University

***REMOTELY IGNITED, FLEXIBLE AND NON-THERMAL MICRO-PLASMA
JET FOR ENDOSCOPIC SURGERY***

Biomedical applications for atmospheric pressure plasmas (APPs) are increasingly sought after as researchers continue to present promising results of their utilization in bacterial sterilization, tissue regeneration, and cancer therapy, among other applications. In this study, a novel flexible and cold atmospheric pressure micro-plasma jet with potential for use in endoscopic surgery is proposed. The micro-plasma jet system was designed with flexible, biocompatible Tygon S-54-HL tubing. Furthermore, the system is designed to introduce the high voltage ignition source 25 cm from the micro-plasma jet tip (25x farther than any previously reported system) and generate the cold plasma remotely. These design factors are crucial developments in allowing for utilization in endoscopy as previous designs have incorporated non-

flexible tubing or introduced high-voltages less than 1cm from the micro-plasma jet tip. This novel micro-plasma jet system shows ample potential for incorporation into contemporary endoscopic procedures.

ALISON JOHNSTON, AR'SHUNDRAMPTON

Miles College

USING CHIMERIC ADENOVIRUSES FOR HIV VACCINE DEVELOPMENT

Human Immunodeficiency Virus (HIV) infection is this century's major healthcare pandemic, with over 2 million deaths since the early 1980s. There are 33.3 million people living with HIV/AIDS. Today, research shows people in the United States and other developed countries can use numerous drugs to treat HIV infection and AIDS. There are five groups of antiviral drugs known as Highly Active Antiretroviral Therapy (HAART). These drugs show promise. However, a cure for HIV appears to be in the somewhat near future; therefore preventative measures such as vaccines appear to be beneficial for all. Researchers are currently working on DNA-based vaccinations; viral vectors, and gene therapy vaccinations. More specifically, adenoviral (Ad) vectors have been used for vaccinations against HIV infections in small animal models, non-human primates, and some clinical trials. To improve one major setback associated with vaccine efficacy we have created novel chimeric Ad vectors expressing HIV proteins. The overall importance of HIV vaccination is that some Americans as well as others in undeveloped countries can barely afford drug therapies after HIV infection; therefore, preventive measures such as a safe and effective HIV vaccine is greatly needed. We participated in a student summer research project attempting to find such vaccine.

SHAYNA MOONEY

East Carolina University

THE EFFECTS OF A35R ON LYMPHOCYTE SUBPOPULATIONS IN MOUSE LUNG

Smallpox killed an estimated 500 million people in the twentieth century alone. Although this fatal infectious disease was eradicated from the world over thirty years ago, it remains an important concern as a bioterrorism agent. Vaccinia virus, the live virus vaccine for smallpox, is extremely dangerous for immune-compromised individuals. Since this cohort comprises a significant portion of the world's population, a safer vaccine is needed. The vaccinia virus A35R gene is highly conserved and our lab has shown that it increases virulence by inhibiting the body's antiviral immune responses. When A35R is removed from the virus to create an A35R deletion mutant, the virus becomes attenuated, and immune

responses are improved. This study compares the responses of lung leukocyte populations between WR wild type virus infected mice and A35R deletion mutant infected mice to understand the mechanism of A35R immunosuppression.

Paddock

ALEXANDRIA STINER

Indiana University Southeast

WHAT TO KNOW ABOUT JOINT TERRORISM TASK FORCE

“They are our nation’s front line on terrorism, small cells of highly trained, locally based, passionately committed investigators, analysts, linguists, SWAT experts, and other specialists from dozens of U.S. law enforcement and intelligence agencies. When it comes to investigating terrorism, they do it all: chase down leads, gather evidence, make arrests provide security for special events, conduct training, collect and share intelligence and respond to threats and incidents at a moment’s notice” (Protecting America from Terrorist Attack, www.fbi.gov/about-us/investigate/terrorism/terrorism_jtfts). My project will explain the organization of the Joint Terrorism Task Force, the work that they do, and explain the benefits as well as the conflicts that may occur between different organizations. I hope to be able to explain that Joint Task Forces are a good way for law enforcement organizations to work together to combat crime.

STACY HARTSINCK

Seminole State College of Florida

THE WAR IN AFGHANISTAN

Afghanistan has been a county of war and strife since the Soviet invasion in 1979. The political, economic, and social instability of the nation has had disastrous implications for the region and the United States, culminating in the terrorist attacks on New York and Washington D.C. This presentation will cover the contemporary history of Afghanistan, the American presence in the region, and the implication of our policy option going forward. In the process, we hope to prove just how complicated the geo-political situation in Afghanistan truly is.

Place

MATTHEW HANKINS, PHILIP FRANA

University of Central Arkansas

SCIENCE IN HONORS: A DIFFERENT PERSPECTIVE ON SCIENCE EDUCATION

The world is changing at a rapid pace, driven by science and technology. Countless expressions of cutting-edge science and high technology pervade our world, and they profoundly affect the social, economic, and cultural outlooks of societies and individuals alike. In an attempt to keep pace in this every changing society, we have set out to design a course that more effectively presents the scientific landscape by exploring various scientific controversies. The course seeks to integrate diverse knowledge, perspectives, and skills into arguments and strategies related to historical and contemporary controversies. Additionally, the course is designed to cause students to evaluate how scientific and technological content is shaped by the social and intellectual context in which it was created to enhancing student understanding. The over-arching goal of the course is to instill students from diverse majors and backgrounds with a more fundamental understanding the philosophy of science and the ability to effectively understand and communicate scientific results as well as the various implications it may entail.

Show

FRANKLIN MCGUIRE, JR.

The Citadel

SERVICE LEARNING IN HONORS EDUCATION: THINKING OUTSIDE THE BOX TO CREATE MEANINGFUL INTERNATIONAL EXPERIENCES FOR STUDENTS

Colleges and universities across the nation are beginning to recognize the value of service-based learning in an international context. New programs are being started every year that take undergraduates to foreign countries to learn more about everything from medical aid to economic development. In this presentation, I discuss a new program I helped start for The Citadel's Honors Program: the Honors Experiential Leadership Program (HELP), an exciting initiative that teaches students about the developing

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world, guides them in independent study projects, and then takes them to Uganda for two weeks of research and aid work during the Maymester. I will discuss the details of the genesis of our own program and help others explore ways they could start similar initiatives on their campuses.

C. YOONHEE RYDER

University Honors Program, University of Alabama at Birmingham

AN OUTSIDER'S PERSPECTIVE ON THE GUATEMALAN HEALTH CARE SYSTEM

A seven-week volunteer trip in the summer of 2012 afforded me a first-hand view of Guatemala's health care system. Drawing on my work in a government-run clinic, Centro de Salud in the rural town of Alotenango, and on my studies of comparative health care systems, I will discuss the challenges facing Guatemala in regards to health care including a vast wealth gap, chronic malnutrition, and lack of treatment for indigenous populations. I will also discuss the positive aspects of the health system that I experienced and witnessed such as the needed emphasis placed on maternal and infant health. The presentation will highlight the cultural and region-specific features that make the Guatemalan health care model function in rural communities. While this presentation will mostly focus on my own perspective from working in El Centro de Salud, it will also seek to provide a comprehensive examination of health care in rural Guatemalan regions.

SARA SWEENEY

University of North Carolina Wilmington

NO FALSE PILGRIMS: HOW A WALK ACROSS SPAIN LED TO BLISTERS, TENDONITIS, AND A SENIOR HONORS THESIS

In May 2012, 14 students and two faculty members walked 790 kilometers on the medieval pilgrimage path, El Camino de Santiago. Incorporating images and voices from the Camino, this presentation will discuss how an interdisciplinary honors course and an unconventional study abroad program formed the basis for my senior honors thesis on the modernization and secularization of pilgrim culture. Inspired by the recognition that "we all walk our own Camino," my thesis explores the mindset and motivation of the modern pilgrim.

Skybox

KATIE BABINEAU

Armstrong Atlantic State University

THE FERTILIZER DILEMMA

Synthetic fertilizers have a complicated history of impacts on the current human population. Nitrogen, an element abundant in the air, is fundamental for all human cells. Carl Bosch and Fritz Haber broke the nutrient barrier required for population growth by the synthesis of ammonia that then could be applied to crops in the form of synthetic nitrogen. The creation of nitrogenous fertilizer may very well be the most influential human invention to date, directly impacting 60% of the population. On the contrary, negative consequences of this discovery, including a population explosion, are highlighted by agroecologists, who favor ecologically oriented approaches, and believe this discovery may have been a drastic mistake.

ALIENA HOWARD

Eastern Kentucky University

SUSTAINABLE AGRICULTURE VS. INDUSTRIAL AGRICULTURE: AN EXPLORATION OF THE BENEFITS AND DETRIMENTS OBSERVED BY AMERICAN SOCIETY

This presentation focuses on specific issues surrounding the benefits of sustainable agriculture versus the detriments of industrial agriculture. In particular, listeners will hear examples of industrial agriculture conglomerates' practices in the slaughterhouses and in the factory farms in which choice meats are raised. These include beef, pork, poultry, and dairy. The conclusion will impress upon listeners the seriousness of the threat facing the American population from industrial agriculture and what must be done to solve this crisis in which we find ourselves.

Session B - 3:15 pm–4:15 pm

Kentucky Ballroom A

JORDAN LOGUE

Georgia Southern University

RHYTHMS IN PERFORMANCE AND CONSISTENCY OF MALE QUALITY-

CLAW CLOSING FORCE OF FIDDLER CRABS ACROSS THE LUNAR CYCLE

The sand fiddler crab, *Uca pugilator*, lives in salt marshes along the eastern United States. Males have a single large claw that is used in contests for possession of breeding burrows. The males attract mates by waving their large claw in front of the burrows where mating actually occurs. Some males have lost and regenerated the claw. The replacement claw is not as stout as the original. Males do not eat while holding a burrow, so they must choose between breeding and feeding. Burrows are dug in dry soil away from the water of the marshes. This experiment was to determine if males with the strongest claws are more likely to hold burrows, see if males with their original claws have stronger pinch force, and find out if the males holding burrows will be most active at new and full moons, when mate-seeking females are most abundant.

HANNAH ZOOK

Armstrong Atlantic State University

FEEDING KINEMATICS OF THE WINTER FLOUNDER, *PSEUDOPLEURO-NECTES AMERICANUS*

Flatfishes exhibit a range of morphological asymmetry from nearly symmetrical to highly asymmetrical. The functional and ecological consequences of morphological asymmetry have only been examined for a few, moderately asymmetrical species. To better understand the ecomorphology of flatfishes, the feeding kinematics of the winter flounder, *Pseudopleuronectes americanus*, was examined. Aquariums were constructed with a one-centimeter grid on the back and elevated to permit a mirror for viewing the blind side. Winter flounder were fed two centimeter pieces of a Nereis worm. Feeding was recorded at 120 fps using a Photron PCIFastcam high-speed motion video camera. Motion analysis software was used to examine videos and measure five variables: mouth gape, head rotation, head depth, head tilt, and head width. Mouth gape, head rotation, and head depth were all measured from the blind side while head tilt (deflection of the head to the blind side) and head width were measured from a ventral view. While there was significant individual variation in the timing of movements, the general pattern of movements was relatively consistent. There was clear evidence of functional asymmetry during feeding events as exhibited by measures of head tilt which ranged from 5.53° to 22.05° . Overall, winter flounder kinematics exhibited similarities to previously studied flatfishes, but also demonstrated enough differences to indicate that more research on flatfish feeding kinematics is needed.

BRIAN SCHULTZ

Eastern Kentucky University

INTER-INDIVIDUAL SPACING PATTERNS IN MANTLED HOWLERS (*ALOUATTA PALLIATA*)

Mantled howling monkeys (*Alouatta palliata*) readily subgroup within multi-male/multi-female groups. I examined age-sex class spacing patterns in three of these groups of monkeys in Ometepe, Nicaragua. The hypotheses were: females with dependent infants spend more time close (within one meter) to other group members than do other adult females; and adult males spent the least amount of time close to other adults. I collected forty hours of fifteen-minute individual scan samples on groups composed of two to nine individuals. Data supported both hypotheses. Females with dependent infants were close to other group members in 65.9% of all samples (n=554) other adult females spent only 31.1% of samples (n=843) close to other howlers. Adult males spent the least amount of time, 9.4% of samples (n=1005) close to other howlers. I suggest that these spacing patterns reflect heightened vulnerability and energy needs of howler mothers, and decreased vulnerability of adult males.

Kentucky Ballroom B

JASMINE STEVENSON

Gardner-Webb University

CHINA'S GROWING INTERACTION IN THE GLOBAL MARKET

In the past twenty years, China's monetary policies have increased its global influence and allowed China to usurp the economic power once held by the United States. The waves of tight and loose monetary policies have assisted in China's growth. The adjusting of monetary and financial policies, through two economic crises, allowed for growth despite the impact to other countries. Though China's growth has been stunted, the country's influence and global interaction has not.

MARY HAMILTON

University of Louisville

THE GLOBAL DECLINE IN LABOR'S SHARE OF NATIONAL INCOME

This paper provides an explanation for the decline in labor's share of national income. The decline is a global phenomenon and is not confined

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to highly developed countries. I will look at global trends and break down the countries into three groups: highly developed countries, less-developed countries, and transition-economy countries. The dependent variable data is derived from the UN National Accounts, while independent variables are derived from the World Bank World Development Indicators. Examined factors include globalization of capital and labor markets, capital deepening, the decline in bargaining power of labor, product market regulation, employment protection, and the business cycle. Results indicate capital mobility is the single most important factor in explaining the global decline of labor's share. For highly developed countries and less developed countries, the most significant factors respectively were the business cycle and globalization (share of manufacturing). I hope to provide a more comprehensive explanation of the decline globally and for each of the three groups of countries.

PHILLIP HULME

St. Petersburg College

BURSTING BUBBLES: PERSONAL FINANCE IN EDUCATION

Since the recent housing bubble burst—and the following contraction of the credit market—there has been a great deal of discussion as to what went wrong and who is to blame. Much of this discussion revolves around changes in the government's regulations on markets and businesses. However, very little time and consideration has been given to the root of the problem—financial literacy among the average citizen. This presentation will explore the financial literacy rates of different groups of people comparing results from a number of studies. In addition to showing a lack of adequate knowledge, the presentation will look at real financial situations of different groups. This inspection will reveal the reality of their fiscal position and define the absolute need for everyone's financial literacy. Also presented will be a comparative overview of exactly what the current standards of financial education are between our country and other global leaders. In conclusion it becomes obvious that the lack of financial literacy among Americans was complicit in causing the housing bubble, and if the continued economic strength of the country is to be taken seriously, then this issue must be addressed, post-haste.

Kentucky Ballroom C

SYDNEY MIDDLETON

Birmingham-Southern College

THE TECHNOLOGY OF DIABETES TREATMENTS: THE PATH TO A BETTER TODAY

Type 1 diabetes is a disease that affects many individuals, and not until relatively recently have there been effective methods for its treatment. This paper examines the conditions of and some of the treatments prescribed to diabetics before the 20th century, the monumental discovery of insulin in the 1920s, the subsequent development of the insulin pump in later decades, the benefits individuals receive today from these technological breakthroughs, and the continuing research concerning genetics, stem cells, and the development of an artificial pancreas that is occurring on the modern forefront of science. Advances in treatments and improved quality of life for individuals living with type 1 diabetes argue effectively for continue funding and research seeking a cure for this once fatal disease.

LINDSEY FOX

East Tennessee State University

NUMERICAL STUDY OF THE EFFECT OF BLOOD VESSEL GEOMETRY ON PLAQUE FORMATION

In the United States, heart disease is the number one cause of death for both men and women. Heart attacks can happen because of plaque build-up inside coronary arteries, which obstruct blood flow to the heart. One common site of atherosclerosis is the carotid bifurcation. This study looks at how the angle of the branching artery affects the potential for atherosclerosis by constructing virtual models of the bifurcation. The greater the angle of the branching artery in respect to the main artery, the lower the shear stress and flow velocity, and thus the higher the chance of atherosclerosis.

MICHAEL DEATON

Eastern Kentucky University

MAKING THE CASE: CARDIOVASCULAR DISEASE IN APPALACHIA

While many types of diseases affect thousands of individuals in eastern Kentucky, the impact of none of them can match that of cardiovascular disease (CVD). According to the Center for Disease Control, approximately 40% of the population in eastern Kentucky has or is at risk for CVD. What are the causes of cardiovascular disease? Are there preventative measures eastern Appalachia has taken to fight it? And how do we reduce the presence of a modern plague that conquers the lives of so many people per year?

Kentucky Ballroom D

MARIA THURBER

St. Petersburg College

FRENCH IMPRESSIONISM: THE REVOLUTIONARY ART MOVEMENT

French Impressionism is perhaps the most important art movement in modern history. This is the art movement that broke away from the academy, away from the “dusty” norm. Impressionism changed the rules as to what is art. Impressionists wanted to be freed from the age old and static rules restricting artists’ creativity and vision. This presentation will show Impressionism as a monumental era in art history. It will also show that Impressionism commenced and inspired many more innovative visions and movements of what art can achieve. The emergence of impressionistic freedom also affected the art of literature, photography, and film. This presentation will give French Impressionism its just due—the continually amazed and awed eye of the viewer.

DOMINEQUE HEATH

Indiana University Southeast

THE LAOCOON: MICHELANGELO BUONARROTI’S “PERMISSION” TO BREAK THE MOLD OF THE APOLLONIAN IDEAL REGARDING SCULPTURAL AESTHETICS.

Michelangelo Buonarroti (1475-1564), renowned artist of the Italian Renaissance, sought to express physical tension remaining mutually exclusive from physical struggle in his sculptural aesthetics from early on in his artistic career. The Laocoön Grouping—discovered in 1506—with its blatant “writhing musculature,” bestowed upon Michelangelo the permission to break free of the mold of the Apollonian Ideal and granted him the artistic freedom to sculpt the musculature tension that he so long sought to artistically render. Explaining the Apollonian Ideal in relation to the Apollo Belvedere and introducing The Laocoön Grouping, I plan to present my thesis through comparative analysis of how these works influenced Michelangelo’s sculpture. Examples of his sculpture from both before the discovery of The Laocoön and post discovery will be provided for more concrete understanding.

YILIN YANG

Wesleyan College

THE PALAZZO MEDICI: AN EMBODIMENT OF THE SPIRIT OF COSIMO DE' MEDICI (1389-1464)

After exile, followed by over thirty years of striving, Cosimo de' Medici had promoted his family to one of the most influential in Renaissance Florence. In 1445, Cosimo commissioned Michelozzo to design the spectacular Palazzo Medici as an expression of his character and ideals. The palace is separated into two divisions for social and private activities because of Cosimo's discretion in dealing with public affairs. The large courtyard, open to the sky, and with wide arches and modest decorations implies Cosimo's aesthetics and practical quality. The garden with sculptures and symbolic imagery suggests Cosimo's ambition to honor and exhibit the power of his family. These outdoor spaces of the social area reveal Cosimo's dual character as a prominent family founder: humble but confident and cautious but enterprising.

Paddock

VIET HUYNH, AMIYA AHMED, TIMOTHY FERNANDEZ

University Honors Program, University of Alabama at Birmingham

"CHUCK NORRIS CAN HAZ CHEEZBURGER": AN INVESTIGATION OF THE ORIGINS OF THE INTERNET MEME PHENOMENON

The first decade of the 21st century has seen the advent of social media moguls including Myspace and Facebook that have since taken the world by storm. These gateways are well known for propagating various forms of advertisement, but have also subtly become the prime engine of a growing cultural phenomenon: the meme. People of all age demographics have been exposed to memes whether they knew it or not, ever since the term was coined in the late 70s by evolutionary biologist Richard Dawkins. This presentation serves to educate the public on the original concept of the meme as a unit of transmission for cultural evolution, much like the gene is for biological evolution. The topic also examines the cultural contexts of popular memes as they pertain to the ever-expanding digital world while addressing the dangers inherent when people's personal images are used as icons for widespread notoriety on the digital superspeedway.

Place

EMILY BONNER, EMILY LANIER, EOWYN LUCAS

University of North Carolina Asheville

SELF-EXPLORATION THROUGH TRANSFORMATIVE WRITING

Throughout our honors section of University of North Carolina Asheville's introductory liberal arts colloquia, *Metamorphosis of the Body, Heart, Mind, and Soul*, each student developed multiple pieces of transformative writing. Each method encouraged students to explore themselves outside of the confines of the typical academic essay.

The class covered three main types of writing, the first being "radical revision." This assignment began with a short narrative essay, which was then revised dramatically to produce a second, nearly unrelated draft based on one small concept from the first. The final draft was another transformation of the second into a poem. The second method of writing explored connections between three texts read and discussed in class. Rather than writing a standard essay analyzing connections, students were asked to creatively interpret the idea of texts "talking" to each other. The final assignment was based on a journal which students were asked to keep throughout the semester. This form of essay, called a "collage essay," involved taking words or phrases from throughout the journal, as well as other texts read in class, and creating an entirely new essay with one unifying theme. This panel will explore how these three distinctive methods of transformative writing give students the opportunity to delve deeper into their personal experiences, significant life events, and opinions. These writing exercises, while academically challenging, encourage students to write about themes relevant to their own lives and discover transformation within their perceptions of themselves as the perspectives within their writing are transformed.

KRYSTAL MCGUIRE, SHELLY OHSIEK

Armstrong Atlantic State University

SIX CENTURIES IN SEVEN DAYS

For the final project of our Honors Learning Community, we had to work in groups to create an educational blog summarizing all the information we learned in our *Civilization 2* course. The goal of the blog was to create an ideal field trip (without money being a factor), where we would travel around the world to specific places that would help us learn in a firsthand account the topics discussed in class. The blog would act as a kind of itinerary for the field trip. This project was one the most memorable projects we have had so far, standing out because it was completely different than

anything we had done in any other class. The fact that this blog was our final project, it was slightly stressful to rely on other students to give the project the same amount of effort to make the best grade possible, but I think it taught us cooperation skills that not only will benefit us throughout our college career, but also in life.

Show

CHRISTY APISA, SARAH VENN

Gardner-Webb University

HAS YOUR SCHOOL CONTRACTED A TSD LATELY?

Argentina. Ethiopia. Thailand. These are just a few of the places to which the Gardner-Webb Honors Student Association has ventured through our TSDs. What is a TSD? It is a “Try Something Different”—and in many cases, “different” is an understatement. Regardless, much is to be garnered from our adventures, and much that can diversify, inform, and strengthen one’s very own honors program. Cultural activities and tastings of ethnic foods are just a few of the ways in which we expand the minds of our students. Moreover, increased dedication of existing students as well as involvement from International Students is an enriching benefit. So come join us and Try Something Different!

ELLEN HUNEYCUTT, SAMANTHA ALLEN

Gardner-Webb University

SPECIAL EVENTS: MURDER AT THE JUICE JOINT

Come with us as we take you back to the 1920s for our famous Speakeasy Halloween party. This presentation will demonstrate how special events can bring together the entire Honors Program for a night of mysterious fun. Our special event has the potential for being our largest honors event of the year, bringing together freshmen, seniors, and students of all majors.

Skybox

ASHLEY PETTAWAY, OLIVIA COLLETTE, HANNAH BOWERS, LACEY KENNEDY, ALEX LANIER

University Honors Program, University of Alabama at Birmingham

THURSDAY, APRIL 4, 2013

JIMTHEID: A COMPARATIVE STUDY OF THE JIM CROW SOUTH AND SOUTH AFRICAN APARTHEID

The American Jim Crow system and South African Apartheid were both utilized to create and enforce racial oppression. Through an honors seminar, we explored how the legal, educational, economic, social, and political systems affected oppression in both the United States and South Africa. Using clips from our final film project and accompanying discussion, this presentation will describe how each system was created, enforced, and eventually brought down.

KEITH THOMSON

St. Petersburg College

THE ROLE OF RACE IN THE AMERICAN CRIMINAL JUSTICE SYSTEM

According to the 2011 United States Census (USC), African-Americans accounted for 13.1 percent of the population of the United States. According to the United States Bureau of Justice Statistics (BJS), they accounted for nearly 38.8 percent of the US prison population at yearend 2010. Non-White Latinos make up 16.7 percent (USC) of the US population. They accounted for approximately 22.6 percent of the US prison population (BJS) at yearend 2010. These statistics are clearly and grossly disproportionate. The racial disparity in our prison population is a large amalgamation of factors. This research will focus on the systemic and inherent problems that are currently, and have historically been, part of the American Criminal Justice System. The focus here is the criminal justice process that begins with “first contact,” and continues through the exhaustion of the appellate process.

Session C - 4:30 pm–5:30 pm

Kentucky Ballroom A

MATTHEW BRYARLY

Armstrong Atlantic State University

External Factors on the Price of Corn

This paper examines two specific externalities (yearly federal subsidies and CBOT corn futures prices) and their effects on the price of corn. An ordinary least squares (OLS) method was used to estimate these effects. Federal subsidies and corn futures were found to have a significant effect on the price of corn. Crude oil volatility was also found to have a significant effect on the price of corn. A Granger causality test was run on the

price of corn and the futures price, showing these results to be consistent with the financial market assumptions underlying derivatives, but contrary to some economic literature. Interestingly, the control variable used to account for export demand (real Japanese GDP growth rate, Japan imports most of the US's exported corn) was also found to drive the price of corn.

YEN TRAN

Morehead State University

THE IMPACTS OF ECONOMIC REFORM AND ECONOMIC GROWTH ON THE EXPANSIONS OF MIDDLE CLASSES IN SOUTHEAST ASIAN COUNTRIES

The purpose of this study was to investigate the relationship between economic reform/growth and the size of the middle-class of a country. The study presumes the middle class has an important role in bringing about political and economic stability of a country. The case study covers eleven countries in Southeast Asia region. Based on some common characteristics, the study divided these countries into four groups. Economic data from World Bank, government websites of these countries, and other sources were analyzed and various measures of economic development were tested to achieve the results of this study. The results indicate that, while in some countries economic reforms/growth has led in the expansion of the middle class, there is not a consistent pattern among these countries, and that in some countries, the economic growth has not lead to the expected growth of the middle class.

TANNER HOWELL

Armstrong Atlantic State University

LOCATION QUOTIENT ANALYSIS

Location Quotient Analysis is a method used by economists to help identify "basic" sectors within Metropolitan Statistical Areas. Metropolitan Statistical Areas (MSAs) are crucial hubs for economic activity within individual states and the nation as a whole. The economic "well-being" of such areas is of concern to both local governmental agencies that seek to create favorable policies for economic growth and firms that seek to find a niche that offers favorable conditions for profit maximization. Some theories suggest that external cash flow is the most important factor that drives a growing metropolitan economy. Firms that receive external cash flows are considered to be part of "basic" sectors. Such "basic" sectors (i.e., manufacturing) redistribute a portion of their consumed external cash flows as income for workers. Workers then use this income to

purchase local goods. Such purchases fuel local businesses like hair salons and grocery stores, thereby creating jobs within the economy.

Kentucky Ballroom B

KAYLA BURTON

Morehead State University

“YET LET US THINK:” CONSCIOUS DISASSOCIATION IN SAMUEL TAYLOR COLERIDGE’S “NIGHTINGALE, A CONVERSATION POEM”

The Romantic notion that, ideally, one should be able to separate oneself completely from the social institutions of the time is obviously impossible. The realization of this impossibility comes out in the writing of Samuel Taylor Coleridge. The language, characters, and form of “Nightingale, A Conversation Poem” highlight that this awareness and the conscious disassociation of social institutions is exactly what the “conversation” is about. The speaker of the poem is attempting to evoke the most perfect state of innocence and creativity, which is the primitive state of childhood. Of the three characters, the speaker, the maiden and the child, it is the child who has the clearest understanding of the beauty in nature. As the poem progresses from beginning to end, each verse paragraph brings the reader closer to that primitive state. Readers travel from the conversation of society and the literary baggage that stifles their thoughts and threaten to distort their interpretations of the world, to a place of total wildness, where a maiden interacts with nightingales. In the final verse paragraph, Coleridge highlights the awareness of the child and his understanding of the power of nature is an understanding not yet experienced by any character until this point.

MAGDALENA TESKE

Birmingham-Southern College

SOCIETY, SOLITUDE, AND NATURE IN THE POETRY OF MILTON, WORDSWORTH, AND FROST

The natural world is necessarily a significant aspect of people’s experience and nature imagery is therefore present in the poetry of any time period. Regardless of one’s favorite literary style or preference in poetic imagery, it is typical to view nature with positive connotations. However, poets’ historical contexts and personal opinions determine what exactly they do with that imagery and what exactly they have to say about nature. Different time periods and different individuals have had different ideas of humanity’s role in the natural world just as they have had different ideas

of an individual's role in society and of the value of solitude. In this paper, I will discuss poetry by John Milton, William Wordsworth, and Robert Frost in order to show that their slightly different portrayals of the natural world reflect differences in their perception of society and solitude.

JAMIE WATSON

University of North Carolina Wilmington

THE TORTURED MUSE OF XANADU: ANTI-FEMINIST ARCHETYPES AND THE PERFORMANCE OF GENDER IN COLERIDGE'S *KUBLA KHAN*

Samuel Taylor Coleridge's *Kubla Khan* illustrates the beautiful and barbaric landscape of Xanadu while also exploring images of female sexuality and the patriarchal microcosm to which Xanadu's inhabitants belong. By examining the narrator's erotic language and specific articulations of gender execution, my presentation contemplates misogyny as ultimately destructive to both the oppressors and the oppressed.

Kentucky Ballroom C

LILIT MAKARYAN, LINDSEY HERNANDEZ, JORDAN PILKEY, ROXANNE ROSARIO

Columbia College

BECOMING TRUE LEARNERS THROUGH THE CREATIVE METHODS OF APPROACHING HONORS COURSES

In this panel, using the Psychological Novel honors class as an example, we seek to highlight the differences between honors courses and regular courses through showcasing a variety of creative teaching and active learning techniques used in the honors classroom. The techniques include approaches such as learning portfolios, online reflective writing forums, small class discussions, collaborative presentations, and creative projects. These creative methods give students the opportunity to become true learners because they seek out knowledge and discuss it with one another in order to build strong analytical and critical reflection skills. Moreover, these different ways of approaching an honors class not only enhance learning but also offer alternative assessment strategies for documenting the quality of learning in honors courses. The interactive panel will offer models of creative approaches and encourage participants to share additional ideas and experiences in different honors classes across disciplines.

Kentucky Ballroom D

DUNYA HABASH

Birmingham-Southern College

ISLAM: EMPIRE OF FAITH

Muslims believe that the first verse of the Quran to be revealed was “Proclaim! (or read!) in the name of thy Lord and Cherisher, Who created-”. The significance of this command not only illustrates the importance of reading and learning in Islam, but it also indicates the great emphasis Islam places on education, for God’s first words to humankind through Muhammad were to “read.” The purpose of my paper is to illustrate the value that Islam places on the search for knowledge through the study of the medieval Islamic empire, and that this search is required for every believer, including women. Contrary to contemporary news, women were celebrated for their scholarly contributions during the height of the empire, all of which stemmed from the desire to fulfill this important Islamic principle.

SMRITI KRISHNAN

Birmingham-Southern College

FRAGILE GLASS: TIME AND TRADITIONS CLASH

Due to the idea of an ingrained double standard between ordinary women and goddesses, young girls grow up to have the same negative perceptions about their own gender that their predecessors had. These double standards are not only the benchmark of Eastern cultures, as the Indo-Nepal culture, but also economically developed western nations. Consequently, there are parallels between Hinduism and Catholicism. The crux of the matter is how far an intellectually aware woman will follow gendered societal restraints. Furthermore, many ‘educated’ women follow deeply ingrained cultural patterns that work against female equality. Essentially, there is a battle brewing between the rationality of education and the expectations of society and family.

KATIE GREEN

Birmingham-Southern College

YOU’RE IMPORTANT NOW BECAUSE WE NEED YOU: THE EFFECT OF THE 1959 TIBETAN EXILE ON THE VIEW OF WOMEN’S ROLES IN A REFUGEE COMMUNITY TODAY

How do cultures react to invasion from neighboring countries? If a

people leave their homeland and seek refuge in another country, how does the exile affect everyday life over time? Before the Chinese invasion in 1959 and the subsequent exile to India, traditional Tibetan women did not have the same opportunities—or encouragement—that men typically received. In the Tibetan community in India today, however, women receive equal educational opportunities and are working outside the home as well. The exile of the Tibetan people, without a doubt, ultimately led to women's liberation. I argue that specific motions set into place by the Dalai Lama directly led to more women's development in the Tibetan community in India and was inspired by the exile to make such changes.

Paddock

AMANDA NGUYEN, CAMDEN HARRELL, EMILY NAYLOR

Arkansas State University

COMBINING THE GREAT TO BECOME THE GREATEST

The sense of a “family” among the Honors College at Arkansas State University has really culminated inside our honors student organization, the Honors College Association (HCA). HCA provides leadership and community service opportunities for honors students; however, the organization is not all about work. We will provide handouts and share ideas on how HCA has been successful in continuing great academic and social growth among our honors students.

DYLAN BOGARD, EMILY BARTEE, DYLAN PERRAUT

Eastern Kentucky University

THE NERD HERD: COMMUNITY LIVING WITHIN THE EKU HONORS PROGRAM

Being an honors student is much more than a simple title. The EKU Honors Program is a community much like that of other clubs and organizations on campus. Being involved in honors-related activities benefits both the program itself and the students involved. The EKU Honors Program helps to build a community, helping students get involved on campus, and new students become integrated both into life in honors and college in general. There are several different methods EKU uses to build a community in honors including: a uniform introductory course(s) for all incoming students; our Honors Student Advisory Council; monthly meetings; a mentoring program for incoming students; honors housing, etc. Each of these programs has an extraordinary impact on the community found within EKU Honors. Building such community has led to more interac-

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tion throughout campus, allowing honors students to branch out, join other organizations on campus, form honors intramural teams, etc.

Place

HANNAH VOLMER

Indiana University Southeast

DOCUMENTARY PHOTOGRAPHY AS A HISTORICAL AND SOCIAL PERSPECTIVE OF THE EARLY 20TH CENTURY

Visual media has been used to tell stories for thousands of years. Cave paintings, hieroglyphs, frescos, graffiti, and photography. Though the necessity for visual storytelling in almost non-existent in the industrial world, with spoken and written languages, there is still a distinct appeal for the visual. The detail conveyed through photography has the ability to provide an accurate perspective of the last century. Within the view of documentary photography we can see the social climate of the early 1900s. This project seeks to understand the evolution of documentary photography and what it has to reveal about the fringes of American society from the late 1890s to the Dust Bowl, through the works of Jacob Riis, Lewis Hine, Walker Evans, and Dorothea Lange.

JAWANZA WILSON

Norfolk State University

THE PORTRAYAL OF BLACK CARTOON HEROES

From the first comic books created in the 1930s, there have been very few positive black cartoon characters, and a more modern character such as Cyborg suffers from a lack of recognition, compared to his white counterparts. This presentation compares the characteristics of black animated heroes such as Spawn, Luke Cage/Power man, and Bumblebee to better known figures such as Batman, Spiderman and Wonder Woman. Finally, a plan to increase the recognition of black cartoon heroes will be proposed.

Show

SUBIR B. SHAKYA

Southern Arkansas University

REVISIONARY SYSTEMATICS OF *PASSIFLORA* “BILOBATAE”-COMPLEX

Passiflora is a species of plant of the family Passifloraceae found in most of the tropical and temperate regions of the world except Africa. The *Passiflora* “bilobatae” complex consists of several species found in the Caribbean islands of Hispaniola and Puerto Rico. These species might represent a single species or multiple species. The taxonomy of some of these species is questionable. Using genetic and morphological data, the phylogenetic relationships of these species is being studied. The morphological study involves measurements from museum specimens. All the characters of the specimens in question are collected and recorded in an online database. The DNA of these plants that had been collected in the field as well as from museum specimens was used to amplify gene sequences that were used to construct phylogenetic trees. CRC, ndhF, ncpGS, ITS, cytGS and trnLF are the genes that were used in the study.

BEN STILLMAN

Indiana University Southeast

SYNTHESIS OF CATALYSTS FOR USE IN FORMATION OF BISPHENOL A-FREE POLYCARBONATES

Bisphenol-A (BPA) is an endocrine disruptor, which has been found in the urine of 93% of children and adults tested in 2003-04 by the CDC. The source of BPA in humans is believed to be from the leaching of plastic linings of canned foods and from polycarbonate plastic bottles. To form BPA-free polycarbonate plastics requires the help of a catalyst. Benzoic acid derived compounds are being synthesized and reacted with zinc to form complexes to be tested for their catalytic behavior.

6:00 pm–7:00 pm

Welcome Reception—Kentucky Ballroom

7:30 pm–9:30 pm

SRHC Trivia Bowl—Kentucky Ballroom

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7:30 am–8:30 am

Continental Breakfast—Kentucky Ballroom

Session D - 8:30 am–9:30 am

Filly

TABITHA MCCOOL

University of Central Arkansas

THE SEARCH FOR COMMUNITY: INTEGRATING THE CITIZEN-SCHOLAR INTO THE PUBLIC SQUARE

The education and knowledge a student receives in the classroom can be enhanced and perfected through the application community building provides. By collaborating as a small group to design, implement, and evaluate a community service project of their choice, the honors scholar is allowed the opportunity to develop leadership, self-appreciation, and ownership of their education and its value in society. The freshmen level “Core II” class that the Honors College at the University of Central Arkansas requires for program completion provides this unique opportunity to engage the honors scholar in the public square by requiring a community service project as well as a research paper on the topic of the project.

Kentucky Ballroom A

NATE MADDEN

The Citadel

SCIENCE AND THE BOOK OF GENESIS

Various apologetic and theological works of such figures as St. Augustine, Chrysostom, St. Irenaeus, as well as some modern biblical scholars will be analyzed to determine whether or not a hermeneutical approach to the Biblical creation story is detrimental to modern man’s understanding of creation in relation to Judeo-Christian scripture. Through a broader, more inclusive understanding of the Book of Genesis as a narrative of love, instead of as a science textbook, the general, scientific explanations of the nature and means of creation and those of the scripture can be seen

as not mutually exclusive. Rather, the book of Genesis and its creation story can work in tandem with scientific knowledge regarding the origins of man and the universe to create a more advanced, cooperative view of creation and its divine guidance.

ELIZABETH COVINGTON

Gardner-Webb University

LAND AS A LIFE-GIVING SOURCE: AN EXAMINATION OF GENESIS 1-2

Through examining the creation accounts of Genesis in Hebrew, its original language, and the historical setting, there is evidence that the land held life-giving characteristics and abilities. Rather than being an idle part of the creation narrative, the text reveals that the land is a living and active part of the creation process. Biblical scholarship suggests that the creation account of Genesis 1-2 is actually the combination of two creation accounts from separate schools of thought. This presentation will investigate the ancient Israelite understanding of the land as a source of life in the creation accounts of the Hebrew Bible.

MIRIELLE SMITH

Winthrop University

“ANOTHER SUNNY DAY: HIGH SEVENTY-TWO, LOW SEVENTY-TWO, NOT A CLOUD IN THE SKY,” AND TOTAL SOCIAL CONTROL: EDENIC IMAGERY AS THE SIGNIFIER AND DESTROYER OF DYSTOPIAN SOCIETIES

The all-powerful patriarch forbids the acquisition of knowledge and the use of freewill, then casts his subjects out with promises of pain and eventual death for disobeying him. This is the essential tale of many dystopian stories and an out of context reading of the Biblical Fall. The idea of utopia—meaning both “good place” and “no place”—has long been a part of Western literature. The concept of dystopia, the corrupted or destroyed utopia, frequently uses Eden as our ultimate example of paradise and thus our ultimate fear. Edenic imagery serves as a reminder that humanity has never achieved paradise, thus making its presence a warning sign in any so-called utopia. A corrupted paradise has no significance without an understanding of paradise itself. Even more than this comparative value, the use of Edenic imagery reminds viewers that choice is one of the most essential steps in overcoming any dystopia.

Kentucky Ballroom B

ASHLEY MOORE

Winthrop University

“THE GLORIOUS LADY OF MY MIND”: BEATRICE AS SAVIOR IN DANTE’S *DIVINE COMEDY* AND LEMONY SNICKET’S *A SERIES OF UNFORTUNATE EVENTS*

Beatrice Portinari has been studied for centuries as both a guide and savior figure within Dante Alighieri’s works, particularly his *Divine Comedy*. In modern literature, a very different Beatrice leads a very different author through his own quest for salvation in Lemony Snicket’s *A Series of Unfortunate Events*. I plan to explore Snicket’s use of both the author as a character within the work, as well as his use of Beatrice as a guide and savior figure, throughout his book series. As I explore the various differences between the two Beatrices in these works, I will reveal uncanny similarities between the two, and ultimately uncover the significance of Snicket’s unique reinterpretation of the author’s personal search for redemption.

NICOLE DROWN

Winthrop University

TRANSFORMING THE CONVENTIONS OF KNIGHTHOOD: LANCELOT’S CART FROM CRETIEU TO MALORY

When Sir Thomas Malory adapted the Arthurian tradition from the poetry of Cretien de Troyes, he kept many of the traditional romances and tales of heroism; however, he also altered significant details of the original stories that drastically changed their implications. In Cretien de Troyes’s *La Chevalier de la Charrette*, Lancelot’s cart is a source of humiliation and loss of identity that the knight chooses to suffer in order to devoutly serve his ladylove. In Malory’s version of the same tale, *The Knight of the Cart*, the cart is an assertion of Lancelot’s power and masculine control. The differences in the authors’ treatment of the cart reflect the ideals they sought to emphasize to their readers: Cretien de Troyes’ poem illustrates the concept of *fin’ amor* for his late 12th-century French audience, while Malory, who wrote for a 15th-century English audience, adapted his short stories to mesh with the contemporary ideals of Christian love.

KIMBERLY KIDD

Kentucky State University

“A HERO FOR TODAY”

We often turn to works of classic literature for models of heroism. T. R. R. Tolkien's *Lord of the Rings* is a classic for our times, and, perhaps, surprisingly, the character in the trilogy most suitable as a hero for our times is none other than Samwise Gamgee! I argue in my senior thesis that Sam is the best universal hero depicted in any epic. Unlike, Odysseus, for example, Sam receives no supernatural help. He starts out as a loyal companion at the beginning of the story, but grows to meet challenging circumstances, displaying a combination of prudence and daring, courage and wisdom—all the while never losing the touch of the “common man.”

Kentucky Ballroom C

ADELAIDE BECKMAN

University Honors Program, University of Alabama at Birmingham

THE DEATH OF THE AMERICAN DREAM

“(Gatsby) had come a long way to this blue law, and his dream must have seemed so close that he could hardly fail to grasp it. He did not know that it was already behind him.”—F. Scott Fitzgerald, *The Great Gatsby*. In his 1925 novel *The Great Gatsby*, F. Scott Fitzgerald presents a commentary on American society. The story depicts the tragic fall of Jay Gatsby, a man whose faith in the American Dream is unyielding. Fitzgerald's story suggests that the American Dream is unattainable, that it has become a thing of the past. But did it ever exist? By examining Fitzgerald's argument in a historical context, with the help of correspondence between Thomas Jefferson and John Adams, Fredrick Jackson Turner's essay on the West, and current economic studies on social mobility in America, the death of the American Dream becomes clear.

RHYA MOFFITT

Southern Adventist University

THE AMERICAN (WET) DREAM: WOMEN AS METAPHOR FOR THE AMERICAN DREAM IN F. SCOTT FITZGERALD'S *TENDER IS THE NIGHT*, *THE BEAUTIFUL AND DAMNED*, AND “WINTER DREAMS”

Fitzgerald's protagonists in *Tender Is the Night*, *The Beautiful and Damned*, and “Winter Dreams” all share a similar dream. For them, wealth and status are the apex of the American dream, and they view the ultimate symbol of having attained this dream as winning the prized woman. However, Nicole (*Tender Is the Night*) is tainted, Gloria (*The Beautiful and Damned*) is elusive, and Judy (“Winter Dreams”) is illusory. Through Fitzgerald's representations of the American dream via women,

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he suggests that the American dream of affluence and influence is equally dirty, ambiguous, and deceptive. In short, Fitzgerald's othering of women implies that money can't buy happiness, a principle that remains relevant.

POOJA GAJARE, JOE JABLONSKY, USAMA ABBASI

University Honors Program, University of Alabama at Birmingham

AMERICAN LITERARY CYNICISM IN ATOMIC AGE

While the Red Scare of the 1950s produced a conservative political reaction against communism, the American literary scene in the wake of the atomic bomb and the Cold War adopted a uniquely morbid and secular perspective. In a society rife with increasing nationalism and jingoism, the writings of J. D. Salinger, Arthur Miller, and others adopt a deconstructive perspective on the social framework underlying American morality and a harsh approach to mortality. In Salinger's *Nine Stories*, he emphasizes the inevitability of death and many of his characters are jaded in their view of the shallowness of life. In Miller's *Death of a Salesman*, the repercussions of an aggressively capitalist society are explored in a dysfunctional family where morality and human life are treated as secondary to economic success.

Kentucky Ballroom D

SPENCER MANNING, EMILY BOHN

Eastern Kentucky University

HERDING THE NERDS: A LOOK AT EKU'S FIRST YEAR PEER MENTORING PROGRAM

We want to give you an inside look at how our first-year mentoring program, better known as the Nerd Herd, is run. Our program is only three years old, so it is still relatively new, and it has been going through a lot of changes. We've had some struggles, but we have a lot of great ideas for the future of our program. The panelists include two of the coordinators who helped facilitate the program this year. We will discuss the program's purpose, our original vision for this year, the structure of our program, as well as our goals for the future.

KATI ANDREWS, JINI CURRY, PAUL LASCUNA, LIBBY LIRETTE

University of West Florida

MENTOR TEACHING MENTEES TO BE MENTORS

The main point of this presentation is to discuss the peer mentor program that is within our Honors Program. Two mentors, each with one of their mentees, present their firsthand account of their experiences with the program thus far. Both of the mentees present have now applied to be mentors next fall because of their experiences with the program. Because of this, we want to outline the structure of the program and the responsibilities that go along with being a mentor. Specifically, we will be speaking about how the program is being used as a way to engage freshmen from the beginning through honors and campus wide involvement, friendships, academics, and service. Finally, we will address the pros and cons from the fall semester and how we are using the feedback from the students to move forward this spring in order to increase the effectiveness of the program.

Place

JONATHAN BOLDEN

University of Arkansas at Pine Bluff

A SURVEY OF HIV EDUCATION KNOWLEDGE AMONG STUDENTS AT A HISTORICALLY BLACK COLLEGE/UNIVERSITY (HBCU) IN ARKANSAS, THE UNIVERSITY OF ARKANSAS AT PINE BLUFF (UAPB)

Education about the Human immunodeficiency virus (HIV) has increased over the last twenty-five years, as result of many mass media campaigns. The Black Entertainment Television (BET) Network began a campaign, in collaboration with the Centers for Disease Control (CDC), called Rap-It-Up, to educate populations about HIV, and how it spreads. There have been other campaigns like Rap-It-Up which promoted HIV awareness on college/university campuses, but there is still a lack of information on how to reduce students' risk for contracting HIV, HIV testing options, and what to do if their test is positive. The goal of this study was to conduct a survey of fifty random students at a Historically Black College/University (HBCU), the University of Arkansas at Pine Bluff (UAPB), to determine if polled students knew important facts about HIV. We used an eight-question anonymous survey to get feedback from students in the form of yes/no responses. Our objective was to poll twenty-five male and female students that lived and/or worked on the campus of UAPB.

SARAH LAVENDAR

Eastern Kentucky University

FRIDAY, APRIL 5, 2013

“BLESS THEIR HEARTS”: HIV/AIDS RELATED STIGMA IN THE SOUTHERN UNITED STATES

When AIDS was first discovered in the United States in 1981 it was a death sentence; a lot has changed in thirty years. Even with the tremendous growth in every aspect of HIV/AIDS prevention, there are still millions of people living with the disease and thousands more who contract it every year. The southern United States is the area in our country that is currently being hit the hardest by the epidemic. Why do all of these new infections exist? What is stopping us from forming an AIDS-free generation in the next few years? The answer is simple: stigma. Stigma, particularly in the conservative South, has become the biggest challenge to combat in the fight against HIV/AIDS. This presentation will cover the different forms of stigma that are present in the South, why they exist, ways to combat them, and what removing these kinds of stigma could mean for the future of HIV/AIDS.

KAITLYN BROWN, YOONHEE RYDER, SHEJUTI PAUL, MAJALIWA MZOMBWE

University Honors Program, University of Alabama at Birmingham

ALABAMA’S HIV STATUS: POSITIVE OR NEGATIVE?

HIV/AIDS has been spreading at an alarming rate in the US in the past few decades, especially in the South. Whereas the rate of AIDS-related death has decreased nationwide, the South continues to see this statistic rise. Among youth ages 15-24, Alabama has the 4th highest HIV infection rate in the country. In this presentation, we plan to focus on the AIDS epidemic in Birmingham, AL. We will investigate some of the positive and negative aspects of living with HIV/AIDS in Birmingham. We will discuss access to basic resources, including medication, testing, housing, and support within the Birmingham community, as well as highlight the major outreach and education components of local organizations working to fight against HIV transmission. As advocates for healthy youth, we will discuss the struggles and kinds of stigma that Birmingham’s activists face when trying to combat HIV and STD infections through policy.

Show

ARIEL ABNER, MICHAEL DEATON

Eastern Kentucky University

THE BENEFITS OF SUMMER MEDICAL PROGRAMS: HELPING MEDICAL

STUDENTS FROM RURAL/UNDERSERVED AREAS ADVANCE

Applying to medical and dental school becomes increasingly competitive every year. Applicants must attempt to stand out amongst each other. This is a “challenging structure” that all medical and dental school applicants face. However, for students from rural/underserved areas, this challenge is more difficult because they are limited to a more narrow range of resume-building activities in which they can participate. Some universities, such as the University of Louisville, develop summer programs aimed at aiding these students as they advance in their undergraduate career. The mission of these programs is to decrease healthcare disparities of rural/underserved areas by recruiting promising students from these areas, guiding them towards matriculation, and hoping they return to the areas from which they came. For example, the Professional Education Preparation Program (PEPP) and Summer Medical and Dental Education Program (SMDEP) at the University of Louisville prepare students for the classroom challenges that they will face in their undergraduate education. The MCAT-DAT Program is aimed at preparing students who are planning on taking the MCAT or DAT. This presentation will highlight those programs as seen through the eyes of alumni and generalize what students gain from attending these programs.

REBECCA GRABER, HARSH SHAH, ANJALI WAGLE, NAVEED FARRUKH

University Honors Program, University of Alabama at Birmingham

THE BIRTH OF DISCRIMINATION: HOW MEDICAL MONOPOLIES CAN HURT MOTHERS

In the name of progress, in an increasingly technological and medicalized world, the state of Alabama, among others, has prohibited the practice of midwives. Although midwives may seem primitive to most, they can enhance public health by offering an alternative for women who are unable to access clinics as well as for those who choose to give birth at home. By listening to a monopoly of some physicians, rather than the voices of their constituents, the Alabama legislature is restricting the rights of women in addition to fueling a health failure. Increasing the variety of health options available to women will likely result in better health outcomes as opposed to a system with limited choices. Allowing an alliance between clinicians and midwives would greatly improve the health of mothers and their newborns, reduce healthcare expenditures, and give women more autonomy in the birthing process.

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Thoroughbred

KATHLEEN KING, TAYA GREEN, DARREN DORADO, SASHA SIERRA, BRITTANY CONNOLLY

Hillsborough Community College

HONORS LEADERSHIP GREATEST HITS

The Honors Institute at Hillsborough Community College requires that students take an Honors Leadership class their first term in the program. A panel of faculty and students will discuss the benefits of the course, learning outcomes, and innovative developments.

Session E - 9:45 am–10:45 am

Filly

CODY GOSS

Armstrong Atlantic State University

ON C_4 -FACTORIZATIONS WITH TWO ASSOCIATE CLASSES

Let $K = K(a, p; \lambda_1, \lambda_2)$ be the multigraph with: the number of vertices in each part equal to a ; the number of parts equal to p ; the number of edges joining any two vertices of the same part equal to λ_1 ; and the number of edges joining any two vertices of different parts equal to λ_2 . This graph was of interest to Bose and Shimamoto in their study of group divisible designs with two associate classes. Necessary and sufficient conditions for the existence of z -cycle decompositions of this graph have been found when z is in the set $\{3, 4\}$. The existence of C_4 -factorizations of K has been settled when a is even, and when $a \equiv 1 \pmod{4}$ with one exception. In this paper, some results are given for small examples of K when $a \equiv 3 \pmod{4}$.

AQUIA RICHBURG

Morehouse College

ANALYZING THE COST OF GRAPHS RELATIVE TO TOURNAMENTS

Let G be an undirected graph and let T be a tournament on the same vertex set as G . Define the cost of G relative to T to be

$$\sum_{u,v \in E(G)} d_T(u,v)$$

$(T(u, v) + T(v, u)) + |E|$, where $T(u, v)$ denotes the number of two-step paths from u to v , in T . In this paper, we determine for several classes of graphs which tournaments minimize the cost. Pelsmajer, et al. [5] conjecture that for each graph there is a transitive tournament that minimizes the graph's cost. We prove that a transitive tournament minimizes the cost for complete graphs, nearly complete graphs, paths, star graphs, and cycles.

1

KYLE WOOD

Eastern Kentucky University

PREDICTING THE NCAA MEN'S DIVISION I BASKETBALL TOURNAMENT

Every year millions of people attempt to predict the NCAA Men's Division I Basketball Tournament. With over 18 quintillion combinations, getting it exactly right is improbable. However, my plan is to use statistical methods to predict the tournament as accurately as possible. My project focuses on creating a formula using multiple regressions to predict each team's tournament fate. The data used in this project was collected from the years 1994-2012. The regression formula uses a team's statistics to predict their tournament success. By putting all the statistics into the regression formula I will be able to make predictions about not only the 2013 NCAA tournament, but future tournaments as well.

Kentucky Ballroom A

RICK SCOTT, PHILIP FRANA

University of Central Arkansas

REVISING EXEMPLARY STUDIES AND THE HONORS RESEARCH YEAR AT A CARNEGIE PROF+A&S/SGC SCHOOL

The University of Central Arkansas is revising its Exemplary Studies program and Honors Research Year to make scholarship central, build a community of scholars, encourage student-scholars to start projects earlier, and integrate the Honors College with Departmental Honors. Presenters will share information about their goals for changing the Research Year, as well as program and course-level objectives and proposals.

Kentucky Ballroom B

PHILIP T. MCCREANOR

Mercer University

STRUCTURE OF THE ENGINEERING HONORS PROGRAM AT MERCER UNIVERSITY

The Engineering Honors Program at Mercer University was originally structured around a series of seminar courses during the freshman and sophomore years followed by a project completed during the junior and senior years. In the fall of 2010, the program was restructured with a focus on beginning project activities and documentation early in the Engineering Honors sequence. Freshman and sophomore honors students conduct spring semester projects that culminate in poster presentations at Mercer's Engineering Expo and a regional conference, respectively. Junior honors students work on a project for an entire academic year and deliver both podium and poster presentations at the Engineering Expo. Finally, senior honors students prepare a manuscript for submission to a regional conference and again provide podium and poster presentations at the Engineering Expo. This presentation will provide details on the accomplishments of this program as well as logistic, financial, and administrative support requirements.

Kentucky Ballroom C

LACIE WALLACE, SARALA MAHLIN KORN, EOWYN LUCAS

University of North Carolina Asheville

THE AMERICAN INDIAN EXPERIENCE

Our Honors Foundations of Academic Writing course explored aspects of American Indian culture and history. Each student thoroughly researched a focused topic.

We would like to share what we have learned through our research about the American Indian experience and address its underrepresentation in our education system. Our three topics address weak areas in the science and humanities curricula we were exposed to from elementary through high school. The research in the first presentation may support approaching the study of American Indian culture appropriately as well as supplementing courses in which students implore ethnography. The next presentation will discuss how biology and chemistry courses could

be enriched with sections on American Indian ethno botany and their treatments for present-day ailments. The final research, which delved into the American Indians' relationship with the environment, could greatly benefit environmental science courses, as, despite our current environmental crises, schools neglect this important topic.

BIANCA MOORE, ELISE SPLUNGE

Miles College

METACOGNITION: LEADING THE WAY TO SUCCESSFUL LEARNING

A simplistic definition of metacognition is “thinking about thinking.” It involves taking time to analyze and delve into the various ways the mind receives and retains information. It is not a new concept but metacognition is evolving as a new word for successful learners. It is stimulating much conversation and excitement in academia as educators strive to enhance learning skills. This paper dissects the concept of metacognition and argues that it could be the new “best” thing in the field of thinking and learning. The paper will also discuss the Miles College’s experience.

Kentucky Ballroom D

MADALYN VAN VALKENBURG

University of Central Arkansas

IS THERE A FORMULA TO BECOMING A GREAT CIVIC ACTIVIST? : ANALYZING THE NONVIOLENT MOVEMENTS DRIVEN BY GANDHI IN INDIA AND SUU KYI IN BURMA

Brutal militaries bore down on nonviolent protesters in India and in Burma. Facing arrest, imprisonment, and death, nonviolent protesters cried out so their voices would be heard; however, without a leader, unity, organization, and moral standards the hope for violent massacres to end disappears. Nonviolent leaders are most effective if they possess experience, determination, charisma, and are willing to sacrifice all their energy for the progression of the movement. These party leaders help keep focus and organization, so the people can unite behind a movement. However, even if all these conditions are met, change may still not occur unless the ruling government is held to a high moral standard and pressured to change. I will outline the effective actions and struggles Mahatma Gandhi and Aung San Suu Kyi faced.

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CAITLYN BAILEY

Morehead State University

EARLY LIFE EXPERIENCES FOSTERING ETHICAL LEADERSHIP DEVELOPMENT

Ethical leadership is a critical determinant of organizational success. Thus, it is important to understand how ethical leadership is best developed. An ethical leader is one who possesses personal integrity and actively pursues avenues to promote ethical behavior. While research has identified many influences on leader development, the influence of early life experiences on leadership development has received less attention. This is particularly true for ethical leadership. To begin to address this gap in the literature, we reviewed the leadership development literature to identify early life experiences that contribute to leader development. This presentation will describe a qualitative study using a historiometric method to identify common early life experiences that trigger ethical leadership. These early life experiences are evaluated with respect to the early lives of historical ethical leaders. By more thoroughly examining the events that spark individuals to become ethical leaders, we will be able to more effectively meet the ethical leader development needs in organizations.

SHELBY SANTOS

University of Tampa

ETHICAL DECISION MAKING: A STUDY AT THE HIGHEST LEVEL OF THE JUDICIAL SYSTEM

Can we trust our Supreme Court Justice's decision making? The presentation will share the research on Associate Supreme Court Justice Robert H. Jackson and how his background experience may have affected the decisions he made as he served on the U.S. Supreme Court. Decision-making is a part of who we are and a necessary element during any moment of our lives. Is it truly possible that Supreme Court Justices, who have a seat for life in this Court of Last Resort with no one around to hold them accountable, can throw away their experience and be completely impartial to the cases that come into the Supreme Court? Using the SPSS database and analyzing all of Jackson's decisions, theoretical models will be explained, hypotheses made, data selected, and the results may just surprise us.

Kentucky Ballroom F

JONATHON BYRD

Morehead State University

APPROACHES TO ACOUSTIC GUITAR EXTENDED TECHNIQUE

Compared to many, the steel-string guitar is a fairly recent instrument, and did not receive its enormously widespread fame and popularity until the rise of modern popular music within the last century. Consequently, even today, artists continue to find new technical approaches to guitar. Extended techniques on the acoustic steel-string guitar is a fairly recent concept that wasn't deeply explored until the music of Michael Hedges in the 1980s. Within the last decade more and more players have followed the trail pioneered by Hedges and continue to invent new technical approaches to explore the more eccentric sonic possibilities of the guitar. In my presentation, I will examine different extended technique approaches in the style of players like Don Ross, Erik Mongrain, and Antoine Dufour; focusing especially on percussive fingerstyle techniques, and two-handed fretboard techniques to create polyphonic lines on the guitar. I will discuss the musical and harmonic possibilities of these approaches and use themes from my own music as examples. I will conclude the presentation, with an original piece that uses all of this material together to create a musical statement.

GABRIEL FERNANDES, JENNA SEHMANN

Eastern Kentucky University

A TOA, A PIECE FOR PIANO AND OBOE

Gabriel Fernandes wrote *A toa*, a short piece for oboe and piano, during the spring of 2012 as part of the requirements for a composition class. Influenced by the New Age movement, the composition has many chords that the rules of traditional harmonic cannot analyze, and many segments of the work are modal rather than tonal. The frequent use of syncopations gives a challenge to the performers, and the diatonic harmonies of the piece create an atmosphere of tranquility and relaxation emphasized by the floating melody of the oboe. The pianist and composer Gabriel Fernandes will perform his composition with the oboist Jenna Sehmman.

Place

BILL ATWILL, KATHLEEN B. KING

University of North Carolina Wilmington and Honors Institute, Hillsborough Community College

OUTDOOR LIVING AND LEARNING: HONORS IN THE NATIONAL PARKS

From the Everglades in Florida to Denali in Alaska, and everywhere in between, the National Park System has served as backdrop to a series of one-week camping and exploration projects sponsored by honors programs throughout the U.S. Since the program's inception, these low-cost academic adventures in some of America's most beautiful scenic landscapes have personally and academically transformed both students and faculty alike. The Partners in the Parks Program (PIP) combines outdoor adventure with experiential interdisciplinary learning from environmental concerns and wild life management, to geology, history, public policy, philosophy, literature and art. Students form lasting friendships as they camp, cook, explore, and learn together in the world's best outdoor classrooms. Attend this session to learn how you can qualify for SRHC stipends and NCHC scholarships to support attending a PIP project of your choice.

EMMA CONDREY, HARRIET KELSEY, CHRISTINE PANKOW

Columbia College and Virginia Tech

ADVENTURE IN THE NATIONAL PARK SYSTEM: A STUDENT REFLECTION ON PARTNERS IN THE PARKS

Southern Utah University and Cedar Breaks National Monument have partnered with the National Collegiate Honors Council since 2007 to sponsor the Partners in the Parks Program. Partners in the Parks is an outdoor experiential learning program that works with the National Park Service to allow college students from various schools and disciplines across the nation to gather together and experience the beauty and power of our National Parks system. Students from two different institutions' honors programs will share their experiences in two different 2012 summer programs, focusing on their different disciplines and angles from which they approached their adventures, the insights they have gained regarding the National Park Service, and the value of experiential learning through Partners in the Parks in molding these outlooks.

Show

KAITLYN DICKINSON, BRADLEY BLANKENSHIP, TAYLOR BOWLING, JORDON HAGAN, ANNA HELTON, PHIL PEARSON

Western Kentucky University

HONORS EDUCATION AS DEMOCRATIC EDUCATION

This panel discusses the required honors course, “Citizen and Self,” an interdisciplinary team-taught course that is required for all honors students. The course’s central theme asks: How can we live well together? We focus on democracy and citizenship, asking students to begin to live this out in the course itself. Student research teams begin to answer this through community-based research, culminating in a report on our city (Bowling Green, KY). The course is collaboratively taught and the report is collaboratively edited both by students and professors. This presentation by the Fall 2012 editorial board discusses both the findings of the State of the City Report and the process by which the course is taught in an interactive and collaborative way, embodying an honors education that prepares students to think creatively about complex issues, and, importantly, to develop the skills they need to solve problems and succeed as engaged citizens.

AMANDA NGUYEN, CARALINE VAUGHN, JARROD CREAMEANS

Arkansas State University

HOW CAN I STRIVE TO BE THE GREATEST WHEN I DON’T KNOW WHAT I WANT TO DO?

It can be hard for any student to transition in to college, particularly for honors students who put large amounts of pressure on themselves to be the best and ahead of the curve. All first-year students at Arkansas State University are required to take a first-year experience (FYE) course called “Making Connections” that is tied to their major discipline. What about undecided students? “Honors Making Connections” helps high-achieving students who are undecided/undeclared explore their personal strengths, morals and values, and how to be successful in a university setting. Two honors freshmen will share how this course helped fuel their personal growth as they strive to be the greatest.

Thoroughbred

RYAN HEALY

St. Petersburg College

BY ANY MEANS NECESSARY: AN EXAMINATION OF THE IRISH REPUBLICAN ARMY

When most people think of Ireland, they usually think of rolling green hills and seaside stone buildings. The Irish people, aside from your occasional friendly scuffle at the local pub, are well known for their hospitable and amicable nature. However, this country has a dark history of war and violent attacks carried out predominantly by the Irish Republican Army. Allegedly responsible for the deaths of almost 1,800 people, the IRA has fought a long and arduous battle to obtain complete and total independence. Over 250 years strong, this radical movement has been an unparalleled piece of Ireland's rich prominent history that is often ignored. This presentation is going to take a look at the volatile and impassioned struggle of the IRA in their attempts to secure sovereignty from Britain.

NNEKA AMADIFE

University of Louisville

THE UNCHECKED BRUTALITY OF THE RWANDAN GENOCIDE AND THE FAILINGS OF THE INTERNATIONAL COMMUNITY

In 1994, the Republic of Rwanda experienced one of Africa's most devastating genocides of modern times. This paper looks to recall what happened, investigate the reasons for the unchecked brutality of this violence, and the failings of the international community to respond quickly. International organizations were preoccupied with other conflicts in the world. Because of the delayed intervention, thousands were left dead and orphaned.

JUDSON ABRAHAM

Winthrop University

"FREEDOM, BREAD, AND SOCIAL JUSTICE:" ALTER-GLOBALISM AND THE ARAB SPRING

This paper outlines the Global Justice Movement's influence on the Arab Spring. The Global Justice Movement, which characterizes post-Soviet leftist organizing, challenges the dominant neoliberal paradigm by emphasizing freedom of information and transparency, participatory democracy, transnational solidarity between oppressed groups, and op-

position to financial globalization. I will detail the GJM's contribution to the Arab Revolutionaries' practice in three ways: their rejection of neo-liberal financial institutions, which Arab activists fight via their demands for food security in light of massive commodity inflation caused by IMF-inspired reforms across the region; their use of the internet, which involves the participation of such entities as Anonymous, Red Hack, and WikiLeaks, all of which embrace the GJM's pursuit of transparency and web freedom; and their opposition to US and Israeli military hegemony, two of the GJM's most important issues.

Session F - 10:45 am–12:30 pm
Convention Center 105 & 108

SHELBY HOZKNECHT

Eastern Kentucky University

A NEW ERA IN FILM

An exciting, but disruptive technology transformed the American film industry in the late 1920s. Following the invention of sound-on-disc recording, silent films were mostly abandoned. The industry underwent changes that notably affected the careers of silent film actors and filmmakers. The success or decline of their careers was dependent upon how well they adapted to a new market of films. Evidence for this claim is drawn from comparative study of primary source personal narratives from stars and magnates of the film industry at the time. For instance, Mary Pickford was unable to revise her image for sound films, as her age set her apart from younger actresses with whom she competed for jobs. Making use of era photos and movie stills, as well as quotations from primary source memoirs, this poster will be arranged to capture how actors and filmmakers dealt with the transition to sound films.

STEPHANIE LYTLE

St. Petersburg College

BORDERLINE PERSONALITY DISORDER

Borderline Personality Disorder (BPD) is a disorder onset by abnormal brain chemistry and early childhood influences from abandonment or abuse. This disorder affects nearly six million individuals in North America alone (twice as common as schizophrenia and 50% more than Alzheimer's disease). However, so very few of us know about this silent epidemic. Borderline Personality Disorder is nearly impossible to treat

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because the individuals suffering from it do not process the fact to feeling correlation in a way that is normal. So, denial and manipulation of facts become major elements in any attempt to treat BPD. This presentation strives to raise awareness of this disorder, and address the question that always arises: “What should an individual do if they suspect someone may be suffering with BPD?”

JESSICA MILLER, JAIME KING

Eastern Kentucky University

NUREMBERG: PERSPECTIVES OF PAST AND PRESENT

The effect of time on the perception of a historical event can be dramatic. Easily, time can change a perspective from one extreme to another, often without introducing any new information. Time often calls into question the morality and validity of various historical events, often resulting in conflicting viewpoints between firsthand and historical perspectives. Such is the case with the infamous Nuremberg Trials. Both historians and original authors address the degree to which justice was extended to the criminals of Nuremberg and the justice of the trial progressions, ultimately producing discrepant viewpoints. We intend to identify many of these conflicting views and present research suggesting possible reasons behind such inconsistencies. This analysis will allow us to portray the effect a retrospective viewpoint may have on our general understanding of history, as well as bring to light the importance of historical analysis in relation to future world issues.

TINA DUKES

Indiana University Southeast

THE TRAIL WHERE THEY CRIED: THE REMOVAL AND RESISTANCE OF THE NATIVE AMERICANS IN THE UNITED STATES

The United States Government has always stood for freedom and equality, but has not always promised it to all people. The Native Americans lived peacefully until the white settlers came and tricked them or forced them to give up their homelands. When the government demanded their land, the Native Americans had two choices: to submit to the government's will, or fight back. The tribes that consented were sent on marches to reservations dying of hunger, disease, exhaustion, and some say, broken hearts. The tribes that resisted the government often got to keep their land, but paid other expenses including the lives of those dear to them. I have explored both the tribes that resisted and those who fought and have concluded that the Native Americans who fought back may have lost their loved ones and had to suffer greatly, but they not only got to keep their

homelands, but also their sense of pride and dignity that they are now so famous for and came out as winners in my mind.

ANDREW P. NISWANDER

Winthrop University

HAZARD ANALYSIS OF THE CHACO CANYON DROUGHT AND ANASAZI SOCIETY: A BIOARCHAEOLOGICAL APPROACH

The deceased do not accurately depict the living of their times, as several (let alone one) individual deceased persons do not represent a random sample of those at a particular place and time. By examining mortalities from catastrophic events, which, theoretically, do not discriminate amongst age, sex, health, and other such differences, a better representation of the people of a society in history can be revealed. The method of hazard analysis discerns whether or not a catastrophic event resulted in truly unbiased mortality. The Chaco Canyon drought of the twelfth century resulted in the absence of the Anasazi peoples in the region by A.D. 1300. Examining age-at-death distributions, from pre-existing data, of Anasazi who died during the drought would indicate whether or not the drought resulted in unbiased mortality. This research focuses on performing hazard analysis comparing the remains of male and female Anasazi, to determine if social inequality surrounding the sex of an individual influenced the risk of death at particular ages during the drought.

SAMANTHA SMIGEL

Winthrop University

CUTTING CURSIVE; IS HANDWRITING STILL IMPORTANT TO TODAY'S PRE-SERVICE TEACHER?

Handwriting is an often-untaught tool for communication that affects learning and long-term development for future students. Handwriting itself is a perceptual motor skill requiring higher cognitive thinking, something that most primary school children find difficult, yet it is still needed in the school curriculum and provides a stable foundation for future learning. My research examines the factors that have led to the demise of cursive writing in elementary schools including technology. I will interview pre-service teachers, and those students in college preparing to become teachers, and try to understand where the importance for teaching handwriting started and ended.

SAMSON KING

Southern Arkansas University

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HPLC ANALYSIS OF NECTAR SAMPLES COLLECTED FROM FOUR NEOTROPICAL SPECIES OF *PASSIFLORA*

In this study, four neotropical species from the *Passiflora* genus were studied to better understand pollinator preference. Nectar samples were obtained from *Passiflora perfoliata*, *Passiflora tulae*, *Passiflora oblongata*, *Passiflora penduliflora* specimens. Nectar samples obtained were analyzed by HPLC to give a clearer picture of relative sugar concentrations of sucrose, glucose, and fructose. *P. perfoliata*, *P. tulae*, and *P. oblongata* indicate the presence of only sucrose. *P. penduliflora* displayed the presence of fructose, glucose, and sucrose. The presence of sucrose-rich nectar in *P. perfoliata*, *tulae*, and *oblongata* fits these species' principle pollinators, hummingbirds, which prefer sucrose-rich nectar. The fact that *P. penduliflora* is bat-pollinated raises questions as to whether or not the presence of all three sugar constituent might reflect an evolutionary trend reflecting pollinator preference.

BRITTANY BROOKSHIRE

Eastern Kentucky University

THE EFFECT OF PERCHING AVAILABILITY ON DENSITY OF DRAGONFLIES (ODONTA) AT THE TAYLOR FORK ECOLOGICAL AREA

Studies on Odonata suggest that perching is an important behavior in the survival of the insect. Perching, the landing of an Odonata on material such as vegetation or natural décor, is used to guard territory, regulate body functions, and even capture prey. I tested how important perch availability actually was to the dragonflies and damselflies of the Taylor Fork Ecological Area. The population and species density was taken at 6 separate sites and new, more accessible perches were added to the area. After a sufficient time, the population and species density was taken again to see if there was any difference in perch territoriality or species diversity. My research found that the number of species in the habitat had increased due to the introduction of my perches, but overall the number of dragonflies at the site had decreased. This study is important because dragonflies are one of the main controlling forces on nuisance insects such as mosquitoes and flies. Due to their sensitivity to water quality, dragonflies also act as an early warning system for water pollution.

KATHARINE LINDBERG

Winthrop University

RELATIONS BETWEEN CHILDHOOD PARENTIFICATION AND ADULT PATTERNS OF CO-DEPENDENCY

Instrumental parentification occurs when children take on adult respon-

sibilities, and emotional parentification occurs when children take on providing an adult-level of emotional support to family members; both of which are associated with negative outcomes (Jurkovic, Thirkfield, & Morrell, 2001; Castro, Jones, & Mirsalimi, 2004; Peris, Goeke-Morey, Cummings, & Emery, 2008; Hooper, Marotta, & Lanthier, 2007). The purpose of this study was to test the hypothesis that childhood parentification would predict higher levels of co-dependency in adulthood, an issue that has yet to be investigated. Participants were 196 young adults who responded to an online survey that included the Parentification Questionnaire (Hooper & Wallace, 2010) and the Co-Dependency Scale (Marks, Blore, Hine, & Dear, 2011). Results revealed that all four elements of co-dependency were positively correlated with perceived unfairness and emotional parentification, while only interpersonal control was associated with instrumental parentification. In conclusion, these findings add to our current understanding of parentification and co-dependency.

JAMES HUNTER HICKMAN

Mercer University

MERCER MAP APP

The Admissions Office at Mercer University has found that visitors to the Macon Campus often have difficulty locating Admissions events. This issue has become more pronounced in the past year, as locations for the Campus Tour departure changed twice and the center of campus is undergoing major renovations. This project aims to create a Web App that will direct visitors/prospective students to the Admissions Welcome House. This app will be designed for use on mobile devices, Smart phones in particular. Using a web-based app is a cost-effective solution that will allow visitors to easily navigate to campus locations.

ANNA JOHNSON

Winthrop University

ACADEMIC REDSHIRTING

In the past few decades, the practice of “academic redshirting” has become increasingly popular among parents. Parents are somewhat commonly choosing to delay their child’s entrance into kindergarten in order to give the child the advantage of being older than all the other children in the class. Parents claim this technique offers social, athletic and academic advantages to their children. This may include the availability of more leadership opportunities, being taller and stronger on sports teams, and achieving higher test scores. This analysis uses data on college entrants to examine the long-term effects of both early and late gradua-

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tion from high school to see if students who graduate earlier or later than the typical student are more likely to graduate 'on time' with a bachelor's degree and/or have higher incomes six years after first entering college. Data from the NCES Beginning Postsecondary Survey are utilized in the analyses.

TAYLOR ABERNETHY

East Carolina University

CONTROLLED BURNING AND EASTERN BLUEBIRD REPRODUCTIVE SUCCESS AT THE WEST RESEARCH CAMPUS, EAST CAROLINA UNIVERSITY

The Eastern bluebird (*Sialia sialis*) is a popular songbird species found all across eastern North America from Florida to the maritime provinces of Canada. Controlled burning is used to reduce overgrowth and recreate the effects of natural brush fires in the southeast, restoring disturbed habitats such as this one to longleaf pine savannah. As part of a long-term study of this species at ECU's West Research Campus, we looked at the effect of a controlled burn on Eastern bluebird reproductive success. Approximately one quarter of the site was burned in late winter 2012, during the non-breeding season. At the conclusion of the burn, 32 nest boxes were replaced, 8 in the "burned areas" and 24 in the "unburned" areas. All nests were checked at least three times per week to monitor nest building, clutch initiation, clutch size, hatch date, hatching and fledging success. Bluebirds are multiple-brooded, and pairs produced between 1-3 successful broods between late March and July. All chicks were measured and banded. We will compare reproductive success of pairs breeding in the burned and unburned areas of the site by a variety of parameters (clutch size, hatching success, fledging success) to determine the impact of this form of land management on the bluebird population. Further research will address specific factors that may contribute enhanced reproductive success in this species.

KATIE MASCIA

University Honors Program, University of Alabama at Birmingham

EXPLORING THE ROLE OF EPIGENETIC MECHANISMS IN A RODENT MODEL OF TEMPORAL LOBE EPILEPSY

Epilepsy is a neurological disease in which patients exhibit recurrent, unprovoked seizures. A common epilepsy disorder in adults is temporal lobe epilepsy (TLE), which can be triggered by status epilepticus (SE). However, little is known about the molecular mechanisms triggered by SE and progression to epilepsy. We hypothesize that SE alters gene expression through changes in molecular mechanisms such as DNA methylation that

then contribute to the epileptic phenotype. We found significant alterations in DNA methylation of specific genes in multiple regions of the hippocampus in male rats following SE. Additional experiments revealed that inhibiting DNA methylation increased field excitatory postsynaptic potential in hippocampal neurons of epileptic rats. These results suggest that epigenetic DNA methylation may be a candidate novel biological mechanism for abnormal gene regulation in epilepsy. Moreover, these findings indicate that DNA methylation may play a protective role against increased hippocampal excitability, which is a hallmark of TLE.

COLLEEN RICE

Winthrop University

BRINGING SEXY BACK: THE POLITICS OF RAPE CULTURE AND ITS EFFECTS ON COLLEGIATE WOMEN

I will research the multi-dimensional issue of sexual assault and violence within the American culture, especially in regards to its presence on college campuses. Women are at their highest risk of being assaulted within the first six weeks of beginning, and roughly 1 in 4 women report having been assaulted during their undergraduate career. At the very basic level, I will explore the current policy surrounding rape and sexual assault at the national, state, and local level, then examine the language of such law and compare it to popular culture's language regarding sex. I will additionally research methods of cultural change and offer previous instances of change within the last century. From those findings, I will propose a new way of handling sexual assault and rape on college campuses, focusing on the importance of a change in culture and language for policy to effectively make a difference.

DIVINE-FAVOUR ANENE

University of Louisville

MICRORNA PROSTATE CANCER SIGNATURES INVOLVED IN CELL ADHESION AND ANGIOGENESIS

This project focuses on identifying MicroRNAs (miRNAs) that regulate cell adhesion and angiogenesis which could be used as biomarkers for prostate cancer. We aim to use this information as an alternative to current prostate cancer (PCa) staging and diagnosis techniques. This possibility arises from the post-transcriptional control exerted by miRNAs on a vast number of body processes as they target messenger RNA (mRNA) transcripts. To analyze this behavior, expression analysis was carried out using Taqman PCR array cards on PCa blood samples gotten from African-American men. This process involved the isolation of total

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RNA, cDNA amplification, and real-time PCR, with subsequent analysis of results. We hope to receive data that shows differential expression of the different miRNAs across varying stages of disease. If successful, the identification of these miRNAs should provide an improved basis for PCa diagnosis and staging as compared with the Prostate Specific Antigen (PSA) test that now serves as the standard for this purpose.

GAYLEN PATTERSON, IMANI MCMULLIN, PAULEATHA DIGGS

University Honors Program, University of Alabama at Birmingham

OVERLOOKING CHILDREN: A PROBLEM IN HEALTHCARE PREVENTION

In most health outreach programs the target population is often adults. As an on-campus organization aiming to promote healthy lifestyles, Students for a Healthier Community (SHC) has recognized a greater need for prevention measures focused on the youth of Birmingham. Through SHC's involvement with organizations such as Cahaba Valley Health Care, East Lake afterschool program, and Health Smart of Birmingham, we witnessed firsthand the benefits of instilling healthy habits in the youth of Birmingham. Following the teaching and the promotion of healthy behaviors to children, surveys of participants indicated a significant reduction of unhealthy behaviors is evident in not only the children but in their households as well.

CHRIS THURMAN

Eastern Kentucky University

BUKOWSKI AS AN EXISTENTIALIST

Charles Bukowski has been a staple of literature for several decades. His works, while praised for their immediacy and humor, have failed to gain prominence in the field of philosophy. This undergraduate honors thesis compares three of his best known novels to assertions set forth by contemporary existentialists in order to place Charles Bukowski among their ranks as a writer who expanded upon ideas set forth by philosophers of the time. This presentation references works by Albert Camus, Simone De Beauvoir, Jean-Paul Sartre and Martin Heidegger as the existentialists whose ideas are prominent in areas of Bukowski's prose. Through exploring many of these philosophers seminal pieces it is uncovered that several facets of Bukowski's narrator, Henry Chinaski, is a prime example of an existential character through his interactions with others, his perception of existence, and his turmoil within himself concerning his identity.

GRIFFIN GLAZE

Winthrop University

HARD-PRESSED CANDY

For my senior thesis, I will be creating my own brand of candy. This will involve making the candy, packaging the candy, branding it, and then selling it or giving it away. The sweets will actually have answers written on them on the outside for yes or no questions. The consumers will unwrap the candy after asking it a question, like they would with a Magic Eight ball. The name “Hard-Pressed” comes from the person being hard-pressed for an answer and the answers actually being pressed into hard candy. There will also be different forms of the candy with different kinds of answers as well as different packaging. I also plan to write a short essay on why people use items such as candy, pennies, fortune cookie, etc. to answer our questions. Finally, I plan to make a short video documenting people’s responses to the candy when they open them.

MEGAN ACREE

Longwood University

THE BATTLE FOR EQUALITY IN EDUCATION: THE STORY OF PRINCE EDWARD COUNTY, VIRGINIA

Historically, the African American community in Prince Edward County, Virginia, has shown a commitment to education that was unparalleled by any other community in the nation. The black community in the county was “striving for greatness.” Not only were they willing to strike, but they took legal action and refused to yield until they were given equality in education. A student-led strike against conditions in the black high school led to a court case that became part of the Brown v. Board Ed. decision in 1954. The community also initiated another Supreme Court case Griffin v. County School Board of Prince Edward (1964) to advance equality in education. A form of massive resistance grew in the county unlike anywhere else in the country. Rather than integrate, the county school board chose to close the entire public school system in 1959. The schools in the county remained closed for five years, longer than anywhere else in the nation. My poster will focus on how members of the black community came together and worked closely with the Virginia State Conference of the NAACP to organize and fund a system of training centers that provided temporary schooling for black children in Prince Edward.

CRAIG LOCKHART

University of West Florida

A LIBYAN FUTURE: WHAT FACTORS WILL AFFECT LIBYA’S ABILITY TO CONSOLIDATE (SUSTAIN) DEMOCRACY?

The focus of my poster presentation is to showcase my honors thesis,

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which is about consolidating democracy in Libya following the aftermath of the Arab Spring. The wave of pro-democracy revolutions that swept through the Middle East region from Algeria to Yemen became known as the Arab Spring. The Arab Spring took the world by storm as many scholars never anticipated such rapid movements for reform in so many countries all at once. Although each popular uprising in each country is remarkably similar, their immediate outcomes have been quite different (Clement & Springborg, 2011, p. 132). In some countries such as Libya and Egypt, governments have been overthrown whereas in other countries such as Syria, demonstrators have been met with violent responses from the government. Due to these different immediate outcomes and future uncertainties, this poster will serve as a case study of Libya's future as it transitions from authoritarianism to democracy.

MORGAN HELDT-DAVIS

Indiana University Southeast

AUTISM: SOLVING THE PUZZLE OF AUTISTIC DISORDER

Autism is a term many people have heard and have used, but only a few people know the true definition of the disorder. Autism is like a puzzle. When scientists and physicians started researching the behaviors now characterized as autistic behaviors, they had a pile of puzzle pieces. As the years have progressed they have dug into the pile and placed together many of the pieces. Although, to see the full picture, researchers still need more information about the most important pieces; what causes autistic disorder and what treatments produce the best results? My research has explored these questions as well as: What is autism, specifically autistic disorder? What are preventative measures to protect a child against autistic disorder? I have also looked into the history and development of the disorder. Through my presentation I hope to present autistic disorder in an easy to digest, yet effective manner.

COREY BOLES

East Carolina University

ASSESSING A WILD POXVIRUS FOR USE AS AN IMPROVED POXVIRUS VACCINE VECTOR

Poxvirus X is a naturally occurring North American poxvirus that is attenuated compared to other poxviruses (e.g. vaccinia virus), and thus it is of interest as a safer vaccine vector platform. Companion animals immunized with poxvirus X expressing the rabies glycoprotein antigen are protected against rabies virus challenge, and this recombinant is being evaluated as a commercial vaccine. Poxvirus X is known to be attenuated

compared to vaccinia virus, but the extent of attenuation was unknown. Vaccinia virus (smallpox vaccine) is dangerous for immunocompromised individuals, so we assessed poxvirus X safety in two immunocompromised mouse models. This is important because veterinarians and pet owners might be exposed to the virus vaccine administered to pets. Our studies showed that poxvirus X is highly attenuated in terms of morbidity and mortality compared to vaccinia in immunocompromised mouse models (severe combined immunodeficient and athymic nude mice). In addition, viral organ titers were assessed and showed that poxvirus X virus had low or no replication in numerous mouse organs, whereas vaccinia had high virus titers. These results indicate that poxvirus X is likely a much safer poxvirus vaccine vector than vaccinia.

LAL RAM SANG

Greenville Technical College

TREES OF FALL AND WINTER

2 12 x 18 watercolor paintings depicting trees in fall and in winter

MARY GLENN

Winthrop University

NON-TRADITIONAL STUDENTS AND DEFINITIONS OF “MERIT” AND “RISK”

Non-traditional students have become an increasingly large portion of the secondary education population in the last decade. These students face unique burdens in the secondary school system, including being independent, raising children, and/or having full-time jobs. In addition to these burdens, they sometimes face the added obstacle of a lack of merit aid, as most is directed towards traditional students. As college tuitions continue to increase in real terms, and college degrees become increasingly desired in job candidates, these demographics are at a distinct disadvantage economically. In order to determine the difference in GPA and merit aid between traditional and non-traditional students, we performed Ordinary Least Squares analyses using the National Center for Education Statistics Beginning Postsecondary Longitudinal Study restricted-use dataset. The datasets we use are from the 2003/06 and 2006/2009 surveys and provides a sample of 4,937 students. Results show that, after controlling for demographic, social, and academic characteristics, non-traditional status still significantly decreases the amount of merit aid that a student receives, while non-traditional status decreases GPA outcome minutely. The analyses begs the question: If these students are performing in a similar manner to traditional “non-risky” students, why are they being given lower levels of aid?

JILLIAN HARRIS

University of Kentucky

THE ROLE OF A BOARD OF DIRECTORS IN NON-PROFIT ORGANIZATIONS

Boards of Directors are essential to the operation of the non-profits they govern. They fill a myriad of roles and serve crucial functions, including legal responsibility, internal controls, and fundraising. Though Boards of Directors may vary in structure and size, they all have legal duties of care, loyalty, obedience, and transparency in respect to the non-profit. This qualitative study examines the perceived effects of members of a Board of Directors of a non-profit in the Southeastern United States. The Board of Directors' perceived effects on the community, the agency's clients, and long-term planning were evaluated. Expectations of the Board of Directors and individual Board members were also considered. Board members, the Executive Director, program directors, and a direct service worker in the agency were interviewed.

TERRA BAUGH

Indiana University Southeast

EFFECTS OF YOGA ON DEPRESSION, ANXIETY, STRESS, AND AFFECT

Although yoga has been practiced for thousands of years, science has only recently been able to begin examining its potential health benefits in an accurate and systematic way. Studies have shown that yoga practices including meditation, asana postures, and deep breathing can improve symptoms related to depression, anxiety, and stress and can promote positive affect. This project explores the effect of regular yoga practice on affect and depression, anxiety, and stress levels. Potential health-related benefits of yoga practice are also discussed.

BRISLYN SIZEMORE, BRITTANY MOORE

Eastern Kentucky University

PROTOTYPES AND PERIPHERALS: VARIATION IN SCIENTIFIC LANGUAGE AND THOUGHT

Often, people associate different ideas with the same word. When one person says "cat" there can be many different ideas of a cat. Is language functioning properly when there is such a discrepancy between what one is trying to convey and the *actual* message that is being conveyed? When advances in science classification change society, language attempts to adapt to these changes, creating a larger discrepancy between the desired message and the actual message. To support this notion, we propose to

put forth an experiment in which different words will be either written or spoken and the volunteers in the experiment will draw what they associate the word with. This will show the difference between prototypes (the stereotypical idea) and the peripherals (the variations of the prototypes). Through this experiment we will attempt to support the theory of post-structuralist thought in linguistics and evolutionary biology.

CHARLES VANCAMPEN

Longwood University

MODERN MOROCCO: POLICE STATE IN QUESTION

The Kingdom of Morocco is a constitutional monarchy that has implemented many reforms over the last few years, including a new constitution that resulted in part from the 20 February Movement. Through a combination of on-site interviews, research, and cultural experiences during an Honors study-abroad course in Morocco in May 2012, I examined whether Morocco is in fact a police state. During the two weeks spent in-country, I conducted interviews with people of varying backgrounds, including foreign nationals residing in Morocco. Once we returned to the U.S., I applied Brian Chapman's definition of a police state to my research. Through a synthesis of on-the-ground experience, scholarly research, and news articles written about the demonstrations, I offered a unique analysis concerning whether or not Morocco can, by modern universal standards, be considered a police state and concluded that it cannot.

ERIN MULLINAX

Mercer University

SOLAR POWERED CELL PHONE CHARGER FOR UNDERSERVED POPULATIONS

According to the International Telecommunications Union, at the end of 2011 there were almost 6 billion cell phone users worldwide (ITU.int). A growing segment of users are homeless or in developing third world countries with limited access to electricity. The phones used range from basic feature phones to smartphones. A solar powered cell phone charger would give users a portable option for their devices. In this project, a solar powered cell phone charger will be designed, constructed, and tested. Performance will be evaluated on three criteria; reliability, portability, and ability to charge multiple manufacturers' phones.

ANGELA KORLESKI

East Carolina University

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SPINAL CORD INJURY PAIN IS ASSOCIATED WITH ABERRANT REGENERATION OF SENSORY NEURONS

Neuropathic pain is a significant secondary consequence following spinal cord injury (SCI) that affects up to 90% of patients who suffer from an injury to the spinal cord. Current treatments are not effective at treating pain symptoms, which forces patients to live in pain. This pain is, in part, related to abnormal axonal growth of sensory neurons; however, the mechanism by which this occurs is completely unstudied. Previous results from our lab have shown that SCI is associated with the phosphorylation (inhibition) of glycogen synthase kinase-3 beta (GSK-3B), a neuronal growth regulator. We are investigating the role of GSK-3B as a potential molecular mechanism by which SCI promotes pain-related sprouting of sensory neurons. We hypothesize that pharmaceutical activation of GSK-3B will attenuate the abnormal neuronal sprouting and decrease the development of pain following SCI, which could lead to a potential therapeutic treatment for SCI pain.

REBECCA EBERHARDT

Indiana University Southeast

PRESCRIPTION PILLS: HARMING THE UNBORN WHEN TAKEN ILLEGALLY BY THE MOTHER

Over the past decade, there has been a rise in the number of babies born with an addiction to prescription pills across the nation. A 330% increase to be exact. But in Kentucky, the very region we are standing in today, the rise is a staggering 2400%. This information is not only shocking, but disturbing considering what these poor children will have to deal with for the rest of their lives. This is what my presentation covers- the effects of taking prescription pills while pregnant, specifically those on the baby. With a deeper understanding of what the consequences are of taking this drug are, I hope to convey to people the serious repercussions that “pill-popping” can have and not just on the one taking the drugs willingly, but on the ones who do not necessarily have a say.

LAUREN DAVIS

University of Louisville

FETAL ALCOHOL SPECTRUM DISORDERS—PROGRAM EVALUATION AND FAMILY CHARACTERIZATION

Fetal Alcohol Spectrum Disorders (FASD) refers to the conditions that result from prenatal alcohol exposure and is considered one of the leading causes of mental retardation in the US. Children with FASD typically have neurocognitive deficits resulting in emotional and behavioral prob-

lems and low academic functioning. Few empirically-supported programs have developed for parents. This work aimed to evaluate a new FASD intervention and identify characteristics of families with FASD children. Thirty-one families with children (2–11 years) participated in a parent education program that included educational information, discussions with FASD experts and other parents, and an evaluation of the intervention. Results showed parents scored high on measures of stress and had elevated symptoms of depression. Children scored high on measures of behavior problems. Families reported the program was valuable and increased understanding of their child both initially and after one year. These findings suggest this training could be a useful intervention for families raising a child with FASD.

JONATHAN ATZMON, SEBASTIAN PIEDRAHITA

Mercer University

AUTOMATED PART STORAGE AND RETRIEVAL SYSTEM

This project is an attempt at improving the productivity of workers in various industries by automating storage and retrieval of materials. The storage and retrieval system will consist of an OWI1026 Robotic Arm Edge controlled by an Arduino and a four-by-four storage grid. Parts will be logged into the system, assigned a part code, and the storage location recorded. The parts can then be retrieved by entering the part code. This system will reduce the time required to manually locate and retrieve an object. Tests will be run to gauge the effectiveness of the system based on a comparison between human and robotic retrieval times. Ergonomic factors will be considered in the final evaluation of the potential for automating the storage and retrieval process.

BRITNEY HUDSON

Mercer University

EXPERIMENTAL INVESTIGATION OF INHALATION AEROSOL DEPOSITION CHARACTERISTICS IN THE HUMAN RESPIRATORY MODEL

A realistic and accurate human respiratory model including oral and upper tracheobronchial airways was applied to measure the deposition and transport characteristics of inhaled micron-sized particles. The model was a subject-specific, reconstructed model from CT images that began from the oral cavity and terminated at the entrances of the lung lobes. Deposition characteristics of inhaled particles were tested with varying particle sizes and flow rates. This study will provide new physical insights into complex fluid-particle-wall interaction mechanisms as well as thorough validation of the computer simulation model in the future.

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DANE FLINCHUM

Winthrop University

***THE ANTIMICROBIAL EFFECTS OF ANDROPOGON GLOMERATUS ON
SELECTED BACTERIA STRAINS***

The Catawba Indians of South Carolina have used the plant called the Bushy Bluestem (*Andropogon glomeratus*) as an eyewash and anti-malaria tonic for many years. The purpose of this research was to examine the possible antimicrobial activity of acetone, ethanol and aqueous extracts of *Andropogon glomeratus* on selected bacteria strains using the disc diffusion method. The stem and roots were ground up and the crude extract obtained by dissolving them in the chosen solution followed by concentration and rotary evaporation. Small volumes of the extract of differing concentrations were dripped onto sterile paper discs and placed on agar plates seeded with the selected bacteria. Experiments were done in triplicate and zones of inhibition were measured and compared to the inhibitory activity of known antimicrobial agents as well as negative controls in order to discover whether the Bushy Bluestem had a significant effect on the growth of the bacteria tested.

JENNIFER ROBERTS

Arkansas State University

***PLANT-BASED FISH PROTEIN PRODUCTION AS AN ALTERNATIVE ANTI-
MICROBIAL THERAPEUTIC STRATEGY FOR AQUACULTURE***

Aquaculture is the most rapidly growing sector of agriculture in the world as the need for high quality protein in diets increase and natural wild-caught populations decline. High density growing conditions in the aquaculture setting leads to rapid spread of fish disease creating major economic loss for farmers as well as health concerns for consumers. Effective and environmentally safe fish therapeutics in countering disease outbreak are needed. Using a well-established plant-based protein production system we targeted the expression of an interleukin-22 (IL-22) protein. IL-22 triggers antimicrobial peptide production in mammals, and thus may provide a safe and selective alternative to antibiotic use to enhance fish immunity and disease survival. Data will be presented that characterizes expression levels and production stability of both a cold- and warm-water fish IL-22 protein.

MADISON TORI MILLER

Indiana University Southeast

LOGGERHEAD SEA TURTLES

Loggerhead sea turtles, one of seven different types of sea turtles, are found primarily along the southeastern border of the United States. Many don't realize that these creatures are constantly in danger from the world around them. Throughout their lives they cannot once be completely safe. Crabs, sea birds, sharks, and even humans harm these turtles. My goal in this presentation is to help you become aware of the life that a sea turtle lives and how they are never safe as well as the potential ways in which we can help these turtles to be safer in our world.

BRITTANY MOORE, KATIE KREBS

Eastern Kentucky University

HARRY POTTER: THE WIZARDING WORLD OF PREJUDICE

What does history have to do with literature? In many cases, contemporary society is preserved by the novels of that time period. J.K. Rowling reverses that idea with her Harry Potter series by using the past to exemplify some of the still-existent evils of our contemporary society. By using historical events, J.K. Rowling emphasizes modern-day events of prejudice. Although a British author, Rowling manipulates events from American history dealing with slaves and racism into her own novels to illustrate the existence of these same prejudices today. With the house elves representing African-Americans and the Death Eaters, the KKK, Rowling creates a parallel and also a connection between history and literature. She also emphasizes and makes a statement on the treatment of HIV/AIDS patients with the werewolves. Rowling demonstrates the connection and the importance of history to literature and why history is important to understand literature on a more complex level.

ZACH MARSH

Arkansas State University

BIOPRODUCTION OF BIOACTIVE FLAVONOIDS IN HAIRY ROOTS OF *SCUTELLARIA LATERIFLORA*

Scutellaria lateriflora is a plant that produces biologically active compounds exhibiting antioxidant and anti-cancer properties. In order to develop a bioproduction system for these compounds, we developed hairy root cultures of *S. lateriflora* using *Agrobacterium rhizogenes*. In the current work, we studied the effect of elicitors on production of specialized metabolites in these cultures. Thirty-day-old hairy root cultures were treated with three concentrations of cyclodextrin alone or in combination with 100 μ M of MeJA. As controls, ethanol and MeJA alone were used. After 24 hours of treatment, the roots and culture

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medium were collected and the metabolites were extracted with ethyl acetate. The extracts were analyzed by HPTLC and HPLC. Though levels of known *Scutellaria* flavonoids did not vary significantly, at least 10 novel compounds were induced and secreted into the culture medium. Results suggest that this strategy could be used to identify novel bioactive compounds in this medicinal plant.

ANGELA KORLESKI

East Carolina University

SPINAL CORD INJURY PAIN IS ASSOCIATED WITH ABERRANT REGENERATION OF SENSORY NEURONS

Neuropathic pain is a significant secondary consequence following spinal cord injury (SCI) that affects up to 90% of patients who suffer from an injury to the spinal cord. Current treatments are not effective at treating pain symptoms, which forces patients to live in pain. This pain is, in part, related to abnormal axonal growth of sensory neurons; however, the mechanism by which this occurs is completely unstudied. Previous results from our lab have shown that SCI is associated with the phosphorylation (inhibition) of glycogen synthase kinase-3 beta (GSK-3B), a neuronal growth regulator. We are investigating the role of GSK-3B as a potential molecular mechanism by which SCI promotes pain-related sprouting of sensory neurons. We hypothesize that pharmaceutical activation of GSK-3B will attenuate the abnormal neuronal sprouting and decrease the development of pain following SCI, which could lead to a potential therapeutic treatment for SCI pain.

MARGARET SPENCER, JOHN CHARLES LEBO, NATASHA TAYLOR

Eastern Kentucky University

THE TRIUMPH OF PITY: ROUSSEAU'S IDEAS RELATED TO THE HUNGER GAMES AND BATTLE ROYALE

According to Jean-Jacques Rousseau, civilized men harbor many inequalities amongst themselves, which results from man's progression toward egocentrism. In two contemporary, dystopian works, *The Hunger Games* by Suzanne Collins and *Battle Royale* by Koushun Takami, the corrupt governing bodies forcibly pit young adults against each other in battles where they must fight for their lives. Parallels can be drawn between these two works and the ideas of Rousseau. The people that make up the governing bodies in *The Hunger Games* and *Battle Royale* are fueled by egocentrism, which is comparable to Rousseau's civilized man. Some contestants in these games, however, are not as egocentric as the people in

the governing bodies, and are comparable to Rousseau's uncivilized man because they still maintain their natural sentiments of pity and love of oneself. In conclusion, it seems that those who maintain their pity are the ones who are victorious over egocentric dictatorships.

MARIA ZILDA HYATT

University of West Florida

THE INFLUENCE OF PAGANISM IN EARLY CHRISTIANITY: THE CULT OF THE GODDESS DIANA AND THE BIRTH OF THE CULT OF THE VIRGIN MARY

The borrowing of cultures, or syncretism, can be seen in Christian religious practices taking place after 312 CE. Religious syncretism can be seen through the goddess Diana's worship that was incorporated into Christianity through devotion to the Virgin Mary. This thesis addresses the influence of paganism in early Christianity up to the eighth century CE, and how the cult of the goddess Diana relates to the birth of the cult of the Virgin Mary. Pagan practices have affected early doctrines of Christianity as well as altered individual lives. I will reveal non-Christian influences on aspects of Christianity by studying the relationship of the cults of the goddess Diana and the Virgin Mary.

EMILY HANDLOSER

Eastern Kentucky University

WHAT DOES YOUR HANDWRITING SAY ABOUT YOU?

Modern studies and research conclude that graphology (handwriting analysis) is directly related to a subject's personality traits. Typographers use this connection to their advantage when creating typefaces. By choosing to extenuate certain personality traits in the creation of the typeface, the typographer can better target his or her audience. By collecting my own handwriting samples and analyzing them based on graphological research against a list of personality traits, my hope is to prove that not only handwriting and personality traits are connected, but that they also used to create personas for typefaces. This will be done through a three part experiment which includes a self-ranking of personality traits, an in-depth handwriting sample, and a ranking of typefaces based on which are the most appealing to the subject. If the hypothesis is proven correctly, all three samples will correlate with one another.

PHIL KYLES, AGATHE ROUBERT

Eastern Kentucky University

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STABILITY OF ENZYMES FROM THERMUS THERMOPHILUS IN THE PRESENCE OF IONIC LIQUIDS

Considering the costs and problems associated with industrial applications of enzymes, finding stability can play an important role for the manufacturing of many chemical products including biofuel. Stability of a thermophilic malate dehydrogenase (MDH) was measured in several ionic liquids. Ionic liquids have been shown to have utility in separation of cellulose from lignins and other materials contained in biomass as a start in the production of biofuels. Industrial processing of such materials generally occurs at elevated temperatures, and subsequent hydrolysis of cellulose or lignin in the production of value-added products depends on enzymes. In order to be useful, these enzymes should be stable against both high temperature conditions and at least residue levels of ionic liquids. The literature has shown some enzymes to be stable in the presence of several ionic liquids. In this study, MDH was chosen as a model system due to its ease of assay. Ionic liquids used here include those with similarity to protein structures such as imidazolium-based compounds. Our work has shown thermophilic MDH to retain much of its activity even at ionic liquid concentrations exceeding .5M.

MELISSA LAMANNA

Indiana University Southeast

ACCENT DISCRIMINATION: THE CAUSES OF ACCENT DISCRIMINATION AND ITS EFFECT ON THE IUS COMMUNITY

From the moment an individual utters his/her first phonetic syllable, his intelligence level, socio-economic status, and demographic origin are all rapidly evaluated based on the tone, intonation, elongation and rhythm of his speech, formally known as his accent. This evaluation occurs automatically by the listener; the human mind is categorical in nature (Esling, 1998). However, when one begins to hold prejudice against another solely based on his accent, this automatic evaluation is no longer an evaluation, but discrimination. Accent discrimination, defined as having prejudice against another individual based on his accent or particular way of speaking, can affect both the social and professional realms of an individual's life (Fromkin, 2003). Based on the essential role of speech in our society, discrimination against certain types of speech must be understood. The purpose of this research project is to gain greater understanding of accent discrimination, its effect in the workforce, and to identify if accent discrimination directly affects the IUS community. To achieve these goals three research methods were used: literary analysis, conduction of interviews, and survey distribution, collection and analyses.

BRETT ECKLES, BRADLEY YOUNG, ETHAN ARRENDALE

Mercer University

FORCES IN THE SUPPORTING LEG AND FORCE ABSORPTION DURING FRONT KICKS

In karate, breaking a board by kicking generates forces that transmit through the entire body, including forces in the supporting leg. This project will be using motion tracking technology and force plates to quantify the speed and trajectory of a kick, shifting of the center of gravity, and forces transmitted to the supporting leg. Both air kicks (no resistance) and board breaking kicks will be evaluated. Speed and trajectory of the kick will be monitored using a biomedical motion capture system. The position of the center of gravity and force in the supporting leg will be measured with a force plate.

CHELSEA BRENNAN

Winthrop University

PREPARATION OF CARBOLINES VIA CYCLIZATION OF 3-(2-AMINOARYL) PYRIDIRIUM MOIETIES

DNA intercalation occurs when a compound inserts between base pairs of DNA helices, which lengthens and unwinds the helices at the intercalation sites. This causes the inhibition of topoisomerase II which has a number of effects on cells, the ultimate being cytotoxicity. Intercalating agents have cytotoxic effects on only proliferating cells which allow them to selectively target rapidly dividing cells such as those caused by cancer. This is why DNA intercalation is a common approach used in developing anti-tumor and anti-cancer medicines. Carbolines have been found to possess DNA intercalating properties. Due to the potential anti-cancer activity, and many other potential medicinal benefits of carbolines, a new carboline synthesis method was proposed. Recently, researchers at Winthrop reported on the cyclization of 3-acylpyridine N-oxide tosylhydrazones, and it was hoped that this strategy could be applied to the cyclization of 3-(2-aminoaryl)pyridinium moieties which would provide a carboline skeleton.

NORA TROTMAN

University of West Florida

NAFTA AND MEXICAN IMMIGRATION

In *Tomatoland*, Barry Estabrook makes a strong argument that the tomato business forces farms to enslave Mexican immigrants. Essentially trapped, foreigners are lured in with promises of large sums of money and living

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the American dream. Estabrook makes the claim that in order to keep up in the competitive market many farms feel enslavement is the best option. However, the big tomato business is not the only guilty party contributing to modern day slavery. The North American Free Trade Agreement has directly and indirectly contributed to immigration of Mexican people to the U.S. NAFTA's trade liberalization causes declining agriculture and negative immigrant stereotypes. The move of former farmers to the U.S. with tarnished images leaves few options other than working in fields. It can be determined NAFTA, through trade liberalization, contributes to Mexican immigration and its negative stereotypes that create a cycle for modern day slavery as described in *Tomatoland*.

JESSICA BAILEY

Arkansas State University

DEVELOPMENT OF AN IN VITRO ASSAY TO EVALUATE HUMAN GLUCOCEREBROSIDASE LEVELS IN HUMAN FIBROBLASTS

Gaucher's disease is the most common lysosomal storage disorder. In Gaucher patients, the lysosomal enzyme glucocerebrosidase (hGC) is deficient, which causes a buildup of the substrate glucocerebroside. The current treatment is enzyme replacement therapy (ERT), which involves an intravenous delivery of purified enzyme on a biweekly schedule. Recently it has been shown that the enzyme used for ERT in Gaucher patients can be made in plants. There is now an effort to modify these plant made enzymes to enhance delivery to the lysosomes in patients. This project was focused on developing an effective assay that would be able to quickly, and efficiently, permit the effectiveness of these newly developed ERTs to be shown in vitro. Three different protocols were tested. Healthy and Gaucher fibroblasts were analyzed using these free protocols to test their efficiency.

JAZMIN TREJO

Indiana University Southeast

MEDIA AND MESSAGES: HOW DO THEY AFFECT YOUR THINKING?

As information and communication are vital to every society, the media chosen to convey these messages are significantly important as well. However, many do not realize the underlying influences media has on the subject and the individual. The technologies used play an instrumental role in encouraging different forms of thought, which affects our culture. In early America, printed text was the prevalent medium used to educate, inform, and communicate ideas. This was largely due to the invention of the printing press and mass production. The mid-1900s brought a new

medium to the forefront: pictures projected through television. Modern America depends on the internet and the computer for information. In different ways, each of these has and continues to influence our thoughts and as a result, our society. This project focuses on popular past and modern media, as well as their impact on thought and discourse.

ANDREW DETIVEAUX

East Tennessee State University

ARE THOSE WHO ARE TWEAKING, ALSO FREAKING, SHRIEKING, AND SELF-CRITIQUING? A STUDY OF ADHD COMORBIDITY WITH DSM-IV DISORDERS

The essential feature of Attention-Deficit Hyperactivity Disorder (ADHD) is a persistent pattern of inattention and/or hyperactivity-impulsivity that is displayed more frequently and more severely than is typically observed in individuals at a comparable level of development (American Psychiatric Association, 2000). Comorbidity with other DSM-IV disorders has also been established (Kessler et al., 2006). This study examined mean differences of depression, anxiety, and stress in relation to those who met criteria for ADHD as compared with those who did not meet these criteria. It was hypothesized that participants who met criteria for an ADHD diagnosis, either subtype or combined type, would have significantly higher scores on measures of DSM-IV disorders.

Participants included 652 undergraduates from various psychology classes from a local university. An independent samples t-test was conducted in order to compare the scores of depression, anxiety, and stress between Non-ADHD and ADHD participants. Results revealed a statistically significant difference.

RACHEL PARDEE

University of Kentucky

EFFECTS OF ALARM ODOR ON BEHAVIOR AND SHELTER PROCLIVITY IN *ORCONECTES RUSTICUS*

Orconectes rusticus is a species native to the east central United States. This crayfish is a problematic invasive species in the northern states where its aggressive nature and hardiness make its expansion easy. Research on this organism aims to determine to causes of their movements. This objective of the study was two-fold in that research was done both to determine how would subjects react when the alarm odor of a crushed conspecific was introduced and if the odor would have any impact on the probability of the individual seeking shelter. Upon completion, the resulting data showed that the crayfish in the experimental group exhib-

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ited a significant alteration in their basal behavior and also had a notable tendency to move towards shelter. This study increases the knowledge of movement patterns in this invasive species. Future research in the behavioral ecology of *Orconectes rusticus* could determine methods to slow or stop the foray of the organism into new ecosystems.

WAHAJ KHAN, TAM PHOUNG

Mercer University

DURABILITY OF SHAPE MEMORY POLYMER STRUCTURES

Shape Memory Polymers (SMPs) are smart materials that have the ability to return from a deformed state to their original shape when an external stimulus, such as temperature change is applied. This project will explore how repeated deformations affect the durability and performance of a SMP structure. A series of simple SMP structure will be made. A heat gun will then be used to deform the structure. After the polymer has cooled, a uniform heat will be applied triggering the return to its original shape. After numerous deformations, the structures will be tested for strength and similarity to the original shape will be evaluated.

JOHN S. DECKER, OLIVIO CLAY, PH.D., BENJAMIN MCMANUS, SARAH STANNARD, DESPINA STAVRINOS, PH.D.

University Honors Program, University of Alabama at Birmingham

THE IMPACT OF BILLBOARDS ON DRIVERS' VISUAL ATTENTION: A META-ANALYSIS

Billboards are common stimuli along roadways, and visual attention is required both for safe driving and for processing a billboard. However, it remains unclear whether billboards significantly distract visual attention from the driving task. A meta-analysis was conducted to examine the effect of billboards on drivers' visual attention. Previous systematic reviews have thoroughly critiqued studies of interactions between billboards and measures of distraction, but have not reported specific effect sizes. For this analysis, 422 studies were retrieved from PsycArticles, PsycInfo, TRID, PubMed and Scopus using the key "driv* and vis* and (billboard* or advert*)" and (distract* or attent*)." A subset of articles involving naturalistic or simulated driving in the presence of billboards met inclusion criteria and was analyzed to determine level of distraction based on the number and duration of eye glances. Results are pending, though determination of effect sizes should powerfully complement previous reviews in directing policy and research.

PATRICK MORRIS

Mercer University

REDUCING DRAG FORCES ON A TRACTOR-TRAILER

Drag is the opposing force applied to an object by the fluid through which it is moving. Because drag can increase fuel consumption, the trucking industry is interested in ways to reduce drag on their tractor-trailers. The impact of drag reducing technologies will be evaluated by placing a model tractor-trailer in a wind tunnel with a rolling platform floor and testing at different speeds. After obtaining base line data, drag reducing fixtures will be added to the tractor-trailer and the process repeated. The data collected will be used to draw conclusions about the effectiveness of the specific fixtures.

CYNTHIA SCHWARTZ

St. Petersburg College

FROM DELETIONS TO TRANSLOCATIONS: CHROMOSOMAL ABERRATIONS AND THEIR EFFECT ON CANCER

Genetic instability is responsible for the wide range of chromosomal aberrations observed in cancer genomes. Such instability at the chromosomal level may result in translocations, deletions, amplifications and aneuploidy. These changes alter and interfere with normal cellular processes by disrupting proto-oncogenes and tumor suppressor genes; which offsets homeostatic equilibrium, and thus allows additional changes to occur in the genome. When mutations are present in both oncogenes and tumor suppressor genes, such as p53, the cell is well on its way to developing cancer. This poster will explore how proto-oncogenes become oncogenes, as well as the different mutations and modifications in chromosomal rearrangements that lead to the onset of cancer.

PAULEATHA DIGGS

University Honors Program, University of Alabama at Birmingham

DISEASE-RELATED MODIFICATIONS OF TAU AFFECT BINDING TO SH3 DOMAINS

Alzheimer's Disease (AD) is often characterized by hypersphosphorylation of tau, which becomes mislocalized to dendrites of affected neurons. The effects of hyperphosphorylated tau in dendrites are unclear, but phosphorylation may alter the interaction of tau with other proteins. Thus, better understanding these interactions may be relevant to understanding mechanisms of AD. Fyn, PSD-95, and BIN1 are Src homology 3 (SH3) domain-containing proteins that have been shown to interact with tau. To better understand factors influencing binding of these proteins to tau

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in vitro, we tested constructs of tau that were either pseudophosphorylated at various sites or contained mutations blocking SH3 binding sites and studied the effect of these modifications on protein interaction using an AlphaScreen[®] assay. The test found greater interaction of tau with Fyn upon pseudophosphorylation at particular sites. This information will provide considerations during future investigations concerning the impact structural modification of tau has on AD pathology.

SHELBY BARRY

East Carolina University

DOES VOLITIONAL CONSUMPTION OF ETHANOL BY THE MYERS' HIGH ETHANOL OREFERRING (MHEP) RAT PRODUCE TOLERANCE?

The mHEP rat is used as an animal model of alcoholism. The project will test if consumption of ethanol provides a tolerance to acute doses of ethanol or pentobarbital, a barbiturate, determined by the ability to walk a rotating rod and decreases in rectal body temperature. The hypothesis is that after drinking ethanol for 2-3 weeks rats will be tolerant to acute doses of ethanol or a barbiturate drug. The F35 generation of rats will be screened by a 10-day step-up of 3-30% ethanol in tap water. The concentration that results in the rats drinking approximately 50% ethanol, 50% water will be used. The rats will be trained to walk on the Med Associates Inc. rotating rod. An acute dose of ethanol or pentobarbital will be injected intraperitoneal into the rats. A control group of rats will be treated the same as the experimental group, without drinking ethanol.

MATTHEW NEAL

Winthrop University

AN ARTIFICIAL NEURAL NETWORK MODELING THE HUMOR RESPONSE

An artificial neural network is a mathematical model in which connected nodes on a graph represent interconnected biological neurons in the brain. The neuron's state is determined by a function of the edge weights where edge weights of the graph correspond to strengths of interactions between neurons. To simulate learning, the weights of these edges can be trained to a set of user-provided test data. We develop an artificial neural network modeling mental function during joke interpretation by training the networks input, components of a joke, away from an output associated with the joke's punch line.

KATELYN RAGSDALE

Indiana University Southeast

ART THERAPY

My thesis explores the origins of art therapy, its direct application, and how art therapy can positively impact the lives of children and their families who are experiencing a handicap, brain trauma, or other mental problem by allowing them to express themselves in a healthy, non-traditional, therapeutic manner. Some of the more significant concepts I will be exploring include the practical application of art therapy in both a hospital and private setting, the ethics of interpreting a patient's artwork, and the variety of patients which an art therapist can encounter on a daily basis. Art therapy is establishing its niche in the therapeutic world, and is becoming a more widely accepted form of therapy for both children and adults.

KIRSTYN BURLESON

Limestone College

MOUNTAIN SUDS: ASHEVILLE'S MICROBREWERY INDUSTRY

I examine the history of the microbrewery industry in Asheville, North Carolina, beginning with the earliest production of the start-up breweries in Asheville and the surrounding western North Carolina area, to the current expansion into the Asheville region of breweries from elsewhere in the country. I look back to early colonial times for evidence that beer production helped shape not only the location of downtown Asheville but the families that have lived there for generations. I show beer and moonshine are so intertwined with the definition of Asheville that one cannot simply be excluded from the other. Today Asheville is an East Coast micro-brewing giant, facing an unclear future as mega-brewers relocate to this historic brewing city. Finally, I address the impact the Sierra Nevada and New Belgium brands will have on the local beer market when they open their doors in Asheville in 2013 and 2015, respectively.

DAVID SHADIX

Mercer University

GRAY WATER IRRIGATION CONTROLLER

Regulations in Georgia dictate that the system a faculty uses to study the reuse of gray water for landscape irrigation include a control module that operates pumps and generates alarm conditions. Commercially available control modules can meet these requirements but do not collect data on system performance. In this project, an Arduino Mega will be programmed to mimic the functions of the commercial control modules and collect data on liquid levels in the gray water treatment tanks. The Arduino based system will also have wireless communication capability to increase the efficiency of the system.

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SHELBY WAUGH

Longwood University

SEEING AND BEING SEEN: PRACTICAL LESSONS FOR EFFECTIVE ON-CAMPUS ADVERTISING

When the many clubs and organizations on a university campus advertise for events, it can be difficult to achieve the desired attendance. In a growing digital age, how might Honors students and advisors best reach prospective audiences, through social media, emails, and texting or through the use of traditional media such as fliers on bulletin boards in dining halls, residence halls, and academic buildings? Through a campus-wide survey of students, I gauged opinions and observations to determine the best form of advertising for campus events, and I applied geospatial approaches using ArcGIS software. The interdisciplinary nature of this study provided an in-depth analysis of advertising and the influence of location and type of advertising. Preliminary findings indicated that digital advertising such as Facebook and a weekly all-student e-mail were the most effective forms of advertising, but bulletin boards in key locations dining hall and academic buildings still garnered significant attention.

12:30 pm–1:45 pm

Awards Luncheon - Kentucky Ballroom

Session G - 2:00 pm–3:00 pm

Filly

MICHELLE CHANG, NAVEED FARRUKH

University of Alabama at Birmingham

SANCTUARY: THE GREATEST HITS

This panel will feature readings from award-winning and editor-selected pieces from *Sanctuary*, the official creative arts journal of the Southern Regional Honors Conference. Come hear all the greatest!

Kentucky Ballroom A

DERON JOHNSON

University of Kentucky

“MR. REPUBLICAN”: BARRY GOLDWATER AND THE PRESIDENTIAL ELECTION OF 1964

Barry Goldwater, the Republican presidential nominee in the election of 1964, lost in a landslide to President Lyndon Johnson. Despite his defeat, Goldwater’s candidacy is widely viewed as having paved the way for modern conservative victories; one notable example of such a victory is the eventual election of Ronald Reagan. There is considerable research concerning the rise of conservatives in the Republican Party and the development of “movement conservatism” in the intervening years between Goldwater’s defeat and Reagan’s landslide victory; there is less research that examines Goldwater as a candidate in the context of 1964. This paper considers Goldwater’s candidacy in exactly that context. It examines his campaign strategy and pinpoints several factors that contributed to his lopsided loss. The 1964 election was the start of Republican dominance in the traditionally Democratic Deep South and Democratic dominance among African American voters.

AMBER SCHILLING

Winthrop University

DE-GLORIFYING GHENT: A HISTORIOGRAPHY OF THE TREATY OF GHENT

The Treaty of Ghent concluded the War of 1812 between the United States and Great Britain. The historical view of the war and the treaty are often skewed in favor a highly grandiose interpretation. The conflict itself is often overblown in favor of the United States and a keenness for storytelling, and analysis of the treaty often misses many key issues and places emphasis on all the wrong things. Over the past century, historians have drifted away from this conservative point of view. This paper evaluates the historiographical evolution of several specific issues regarding the treaty: the offer of mediation between the two belligerents by Russian Tsar Alexander I, the perception of the American and British peace commissioners, popular views of the treaty in both nations, and the resolutions and results of the treaty. This paper draws on articles and books from the past century, illustrating the changes in schools of historical thought over time. Examining sources from different eras, this paper describes how the Treaty of Ghent gradually loses its ascribed glory, demonstrating the transition from traditional to social history.

AMBER ROLLAND

University of Central Arkansas

Innocence Lost: The West Memphis Three

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THE MURDER OF THREE YOUNG BOYS IN WEST MEMPHIS, ARKANSAS, HAS GARNERED MUCH

national attention due in part to large-scale celebrity interest. This support, catalyzed by the 1996 HBO documentary “Paradise Lost: The Child Murders at Robin Hood Hills,” has driven the masses to weigh in their own opinions concerning the seeming lack of evidence that led to the conviction of three teenage boys, who have been dubbed “The West Memphis Three.” They have since been released from their sentences as a result of legal maneuver, though they are still considered guilty legally. Both the finer details of the case and the culture of 1993 West Memphis point to a lack of experience in the West Memphis Police Department and the spread of stereotypes and “Satanic Panic” as the primary factors that led to the Three’s arrests.

Kentucky Ballroom B

MATT COURTNEY

Eastern Kentucky University

THE CATEGORIES AND EFFECTS OF MEXICAN DRUG TRAFFICKING ORGANIZATION-RELATED CORRUPTION AND VIOLENCE ON SPECIFIC MEXICAN POPULATIONS

The trade of illegal narcotics through Mexico has resulted in the rise of powerful and organized criminal businesses that are not afraid to bribe, or kill, any who cross them. This has caused a dramatic increase in violent crime and government official corruption. This presentation will analytically categorize the violence and corruption caused by these organizations in order to better understand their motivations and tactics. It will examine current data to determine which populations are more prone to violent crime or corruption. Lastly it will evaluate how the current strategies to remove these organizations affect the rising rates of corruption and violent crime in Mexico, and possible alternate solutions to lower these crimes.

CLAROS MOREAN

Clafin University

THE GEOGRAPHY OF WRONGFUL CONVICTIONS; AN ANALYSIS OF THE INNOCENCE PROJECT

The Innocence Project is a national litigation and public policy organization whose prime purpose is to exonerate the wrongfully convicted

through the use of DNA testing. The non-profit is dedicated to helping innocent persons in the United States convicted and administered lengthy sentences and in some extremes, the death penalty. These persons mainly fall into the lower end of the income bracket and therefore lack the financial means of properly defending themselves. For over nearly three decades, DNA technology has been the main tool of the Innocence Project to reopen and eventually prove the innocence of many. To this current date, the Innocence Project is responsible for the exoneration of 300 wrongfully convicted persons most of whom were given life sentences and seventeen who were once on death row.

LESLEY COLE

Averett University

LAUGHTER AT A CRIME SCENE

Humor is a popular element in many of today's popular television crime dramas. This project raises the question "Can the humor portrayed by these shows actually translate into real life as a legitimate aspect of the criminal investigation process?" The research consisted of looking into the humor portrayed in this profession on television, investigating what actual crime investigators do and experience, and determining what humor is and what its possible applications in this field are. The evidence demonstrated that humor had legitimate applications since some of the things experienced in this line of work can be difficult to deal with. Humorous interactions, such as joking with a coworker, can be effective coping mechanisms. Therefore the humor shown in crime drama has actual usefulness for real crime investigators.

Kentucky Ballroom C

KARISSA BARRERA

St. Petersburg College

LANGUAGE & THE ABILITY TO CONCEPTUALIZE: CONTEMPLATING LINGUISTIC RELATIVITY

Language is an essential vehicle to cognitive processes. In their books, *Brave New World* and *1984*, Aldous Huxley and George Orwell describe dystopian societies with authoritarian governments that oppress their citizens through a variety of methods including: genetic manipulation, desensitization, and constant surveillance. However, while both authors explicitly express those methodologies, they also acknowledge language as an equal tool for oppression. Through his application of the Whorfian

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Theory, Orwell turned language into a weapon used to shape the mind and enslave the ability to conceptualize. This presentation addresses how systems of language can affect our freedom of thought. This research seeks to elucidate and speculate on the relationship between language and conceptual ability and make connections between this possibility and the constantly evolving modern English language.

LAUREN POSEY

University of North Carolina Wilmington

BECOMING HEAD BITCH: HOW ADOLESCENT GIRLS USE LANGUAGE TO MAKE A PLACE IN THEIR SOCIETY

The society of adolescent girls is distinct from that of adults. They have different priorities, and success is often defined as being respected, admired, or even feared—traits that accompany being “popular.” Therefore, it naturally follows that they have their own unique ways of finding a place in this society, as a leader, a follower, or neither. The use of language plays a crucial role in helping these girls make their way into their desired niche. This language use is clearly displayed in many young adult novels that focus on the interactions of teenage girls with their peers. In *Gossip Girl*, *Amigas and School Scandals*, and *Art Geeks and Prom Queens*, the way girls use different aspects of language (such as gossip, topic choice, etc.) becomes clear as they make a place for themselves as the “popular” girl, or find ways to associate with those who already are.

ANDREW BENBOW

University of North Carolina Asheville

IF THE PRESENTATION THAT HAD HAD ‘HAD’ HAD HAD ‘HAD HAD,’ IT WOULD HAVE BEEN A BUFFALO: A BRIEF HISTORY OF PARADOXICAL GRAMMAR

This presentation discusses lexically ambiguous sentences and their impact on the way we read English. We will focus on a certain type of sentence that uses the same word repeatedly in a long string of what appears to be nonsense. The sentences in their rawest forms are difficult to understand unless another person points out the subtle manipulations of meaning hidden under the surface. This is mainly because these sentences often look directly at language itself and how language works as a subject of commentary instead of through the language to communicate an idea or a story. The presentation will explore several sample sentences and their inner workings through the use of metalanguage and wordplay, and will also explore how one may create his or her own sentence by using

similar linguistic assumptions and even mathematical formulas to create sentences of any imaginable length.

Kentucky Ballroom D

GARY LUTER

University of Tampa

CREATING AND IMPLEMENTING AN HONORS SYMPOSIA SERIES

Designed to enhance student engagement, the University of Tampa's Honors Symposia series is a fundamental component of Honors 101: Pathways to Honors, the required first-year, introductory Honors course. UT's Honors Symposia Series seeks to stimulate intellectual thought and discussion on campus and in the Tampa Bay community by sponsoring a variety of symposia every fall and spring semester. Symposia presenters include university faculty, guest experts, professionals and, oftentimes, Honors students themselves. The process used for creating the series—including funding and finding co-sponsors—and strategies used to ensure attendance and success will be presented, analyzed and discussed.

JACOB BLAIR

Eastern Kentucky University

EKU HONORS INVOLVEMENT IN THE CHAUTAUQUA LECTURE SERIES

The Eastern Kentucky University is the home of the Chautauqua Lecture Series founded in 2000 by Dr. Bruce R. MacLaren. The series has multiple degrees of involvement within the Honors Program community. From students being required to attend these programs for HON 101 seminar classes to Honors Program professors delivering lectures based on the theme of the series, the ECU Honors Program has helped to build the Chautauqua Lecture Series into what it is today. This series has brought notable speakers such as Dr. Temple Grandin and Dr. Richard Dawkins to the Richmond campus. This presentation will include a very short film about the historical background of the Chautauqua lecture series and a short discussion about how the ECU Honors Program has contributed to the series over the past 13 years.

Paddock

C. TAYLOR SUTTON

University of Central Arkansas

HOMO CORPORATUS: A KANTIAN BUSINESS ETHIC ROOTED IN CORPORATE PERSONHOOD

As our notions of business evolve, so must our notions of business ethics. In this thesis, I offer an account of contemporary business ethics rooted in the concept of corporate personhood, an old legal principle with contemporary significance. This work accomplishes this by first dissecting the nature of corporate personhood through an examination of U.S. case law, then arguing that as de facto persons capable of creating value in the world, corporations may participate in a Kantian Kingdom of Ends as distinct moral agents both bound and protected by moral law. I further hold that this understanding of Homo Corporatus, of the corporate person, precludes the possibility of a stockholder theory being logically consistent, and that a Kantian form of stakeholder theory is not only the best fit for the corporate person, but also allows for the normal functions of business operations.

REBECCA CLEARY

University of West Florida

INTERNALIZING "IDEOLOGY": AN ETHICAL SOLUTION TO DRONE WARFARE

In response to Medea Benjamin's book *Drone Warfare: Killing by Remote Control*, I suggest that a psychoanalytic approach, informed by the theories of Jacques Lacan, helps one "to come to an understanding of the motives of the drone operators." By comparing the relationship between a drone operator and the person he or she kills, to Jacques Lacan's example of his relationship with a television audience (Lacan 3-4, 9-11), the "motives of the drone operators" can be more easily imagined. I also argue that the emphasis on "appealing to youth gaming culture" (Benjamin 86) complicates the issue of drone warfare in that it causes "eighteen-, nineteen-year old Marines" to kill their peers (Benjamin 1-9, 86, 92-4). To effectively address these issues, I argue for a uniform set of ethical rules beyond Benjamin's "international guidelines" (9), such as those offered by Vincent Bataoel.

LORI NEDDO

Greenville Technical College

ETHICAL SEX: A WAY OF VIEWING HUMAN SEXUALITY TO BENEFIT ALL

Ethics play a vital role in governing human behavior within many aspects of modern society. This paper examines the five aspirational ethics of nonmaleficence, beneficence, autonomy, equality and justice and how they apply to human sexuality in the 21st century, both as members of society and as individual sexual partners.

Place

CLAIRE Ikeguchi

Seminole State College of Florida

THE EVOLUTION OF ALFRED HITCHCOCK

This presentation will cover Alfred Hitchcock's tremendous impact on the American film genre of suspense. The evolution of Hitchcock's work will be chronicled through the 1934 version of *The Man Who Knew Too Much*, *The Lady Vanishes* (1938), *Notorious* (1946), the 1956 remake of *The Man Who Knew Too Much*, and *Psycho* (1960). In doing so, I will cover Hitchcock's transition from British to American filmmaking and his unique ability to manipulate and play with the perceptions of his audiences.

FRANKLIN MCGUIRE, JR.

The Citadel

SHAKESPEARE AND BRITANNIA IN MODERNITY: WHAT DIFFERENT FILM INTERPRETATIONS OF *HENRY V* REVEAL ABOUT BRITISH SELF-AWARENESS, FROM WORLD WAR II TO THE LONDON OLYMPICS

Shakespeare's *Henry V* and its subsequent cinematic interpretations have always been informed by their original cultural context. Both the play and the film interpretations that followed reveal a great deal about the cultures which produced them. This is true for the newest interpretation of *Henry V* as well—a 2012 film by Thea Sharrock. This paper draws on a combination of film criticism and cultural analysis to explore the Sharrock film's unique, intrinsic connection to the London of 2012 which produced it. Last year I saw both the Queen's Diamond Jubilee and the Summer Olympics in London, a time when Brits displayed both great boldness (because of their significant achievements) and heightened cynicism (because of their failings and decline as a world power). Sharrock's film offers an introspective view of Henry and Britain that reflects these attitudes, balancing bravado and doubt in the same way 2012 London did.

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ALEX CLIFTON

University of Louisville

SHERLOCK VS SHERLOCK: TRANSFORMING SHERLOCK HOLMES FOR A MODERN AUDIENCE

Sherlock Holmes has captivated audiences since his first appearance in 1887, and has continued to live on in actors such as Basil Rathbone, Jeremy Brett, and Robert Downey Jr. The most recent adaptation of Holmes' adventures, the BBC series *Sherlock*, continues to intrigue modern audiences, specifically by referring to fandom speculation regarding certain aspects of Sherlock Holmes' life. By combining some of Holmes' original escapades with fan ideas from the past hundred years, Steven Moffat and Mark Gatiss have created a truly modern Sherlock Holmes that simultaneously appeals to fans of the original stories while also going beyond the Conan Doyle canon to create a new vision of Sherlock.

Show

CHRIS THURMAN, LAUREN COOL, KATIE SCOTT

Eastern Kentucky University

SERVICE LEARNING IN HONORS: SIDEWALK U

For the past four years, Eastern Kentucky University Honors Program students have had the opportunity to travel to major metropolitan areas in order to perform acts of service and learn about lives that are vastly different than their own. Known as "Sidewalk U," this unique service opportunity has recently evolved into a full-fledged honors course, complete with a series of required texts and assignments given to the students after the experience in order to reflect upon their experiences there. This year, twelve EKU honors students traveled to Washington, D.C. in order to learn about and evaluate those who are living in conditions of poverty in our nation's capital. The trip involved direct contact with the homeless population of D.C., as well as a comprehensive examination of the advocacy and lobbying done by groups and representatives who work around Capitol Hill. This panel discussion will detail these experiences.

Skybox

**LORI COPELAND, GENEVIEVE SULLIVAN, JAIME HAMMER,
STEPHANIE LUBEN**

Greenville Technical College

GLOBAL WOMEN'S HISTORY

Presenters will explore women's experiences in various societies throughout world history. The panel will also discuss the cultural similarities and differences around the world regarding the roles of women, significant female political leaders and their influence upon government systems, and women's participation in global wars and military resistance efforts. This panel should assist in giving a historical context regarding recent decisions about women in combat in the United States.

Thoroughbred

TAUREAN MORROW

University of Arkansas at Pine Bluff

INTRODUCTION TO *AETHINA TUMIDA*

Aethina tumida (Small Hive Beetles) are ruining honeybee hives and their colonies by eating honeybee larvae and ruining honey through fermentation due to defecation. Research is being conducted to test high (30 degrees Celsius) and low (25 degrees Celsius) temperatures effect on the development rate of small hive beetles. Research was started by collecting larvae from ruined honeybee hives and rearing them in two-sided plastic containers. The larvae were reared into two groups of 111 and 112 and placed in the controlled environments of 25 degrees Celsius and 30 degrees Celsius. Pupation soon took place before more information could be taken. In the end of the process, the larvae placed in the high temperature had a greater development rate than the larvae in the low temperature. These results proved the hypothesis that temperature does have an effect on the development rate of small hive beetles and their dependency on temperature.

DANA ORTIZ

Armstrong Atlantic State University

WOLBACHIA: AN UNINVITED "GUEST" TO A HOST PARTY

Wolbachia is a gram negative bacterium found in the arthropod species, more commonly found in flies. This bacterium can affect its host in very harmful ways. From decreasing genetic diversity to causing irreversible mutations in species, Wolbachia can indeed be thought of as the guest no host wants to invite to the party, or into their body for that matter. However there are a few good aspects to this bacterium. This presentation will

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discuss my first experiment trying to find these bacteria in local insects and information on some of the positive and negative effects this bacteria can have on a population of insects.

VALERIE HOBBS

Kentucky State University

“THE EFFECTS OF TOBACCO PROTEIN ON THE FUNGUS NOSEMA”

Throughout the past few decades, the honeybee population has been on the decline because the fungus Nosema has attacked and spread vastly through colonies. While testing the fungus and experimenting with a number of proteins, I researched to see if any of the proteins were capable of counteracting the fungus. I worked with tobacco proteins and sunflower proteins with the hopes that one of the proteins could potentially reverse the effects of the fungus and prevent the effects that it has on the honey bee population. By intentionally dosing groups of bees with measured amounts of the fungus, I was able to test the effectiveness of the proteins by keeping a control group that didn't receive any protein and comparing its outcome to that of the groups that have been given some sort of protein.

Session H - 3:15 pm–4:15 pm

Filly

CHELSEA SLESSMAN

Winthrop University

OF COMICS AND MEN: GRAPHIC NOVELS AS LITERARY WORKS AND PROPOSED USES IN CLASSROOMS

When people see graphic novels all they focus on is how childish they look. My research and paper will refute this claim, showing that graphic novels are incredibly literary. Graphic novels like *The Sandman* series by Neil Gaiman and *Anya's Ghost* by Vera Brosgol, among others, not only use effects like symbolism, but also artistic panels that allow the reader to see the visual importance in each scene. Graphic novels can be used in secondary classrooms to help readers who might not be able to read a piece of work in just plain text. Graphic novels are not just picture books. They are a form of literature that is underrated typically because of the importance they place on the illustrations that appear in them.

NASEEM ANSARI

University of Louisville

KENTUCKY RACING HEALTH SERVICES CLINIC: PREPARING SUCCESSFUL STUDENT TRANSLATORS FOR A BILINGUAL ENVIRONMENT

After completing an internship through the Latin American and Latino Studies program at the Kentucky Racing Health Services Clinic, I began to investigate ways through which student translators would be more equipped academically and culturally to improve overall patient care. The Kentucky Racing Health Services Clinic (KRHSC) is the result of a partnership between the University of Louisville and the Kentucky Racing Health and Welfare Fund and was established in order to provide free medical services to the workers on the Backside of Churchill Downs, many of whom are of Hispanic descent. This investigation resulted in the development of a translator handbook and Blackboard tutoring module that potential translators will be required to complete before they begin interning. This handbook covers Spanish medical terminology, slang terminology, cultural tendencies relating to the healthcare environment, proper translator etiquette, and successful problem-solving scenario lessons for student practice.

LIBBY LIRETTE, BRIAN RICE

University of West Florida, University of Alabama at Birmingham

OXFAM AMERICA'S CHANGE INITIATIVE: A NATION-WIDE NETWORK FOR SOCIAL JUSTICE

Leading a successful social justice organization on campus requires a committed leadership team, funds, and support from the student body. But what if support also came from outside the university? Oxfam America's CHANGE Initiative connects students from campuses around the U.S. to a broad network of student leaders advocating for social justice. The program also builds leadership skills and introduces current justice issues to students. In our presentation, we will discuss our experiences as CHANGE Leaders and provide an overview of Oxfam's work to end poverty and injustice around the world. We will also focus specifically on Oxfam America's GROW campaign to build a more sustainable global food system: a campaign we have both adopted on our campuses. Through our presentation, we hope to share with honors students the energy surrounding CHANGE and illustrate how a collective student voice can generate lasting change to the social injustices of our time.

Kentucky Ballroom A

JESSIKA TURNER

Eastern Kentucky University

CULTURAL COMPETENCY AND SOCIAL WORK THEORY: A GUIDE FOR PROFESSIONALS WORKING WITH PERPETRATORS AND VICTIMS OF DOMESTIC VIOLENCE IN SOUTHEASTERN KENTUCKY

The concept of cultural competency, or understanding how various cultural elements influence a population, has been used by a variety of professionals to aid in the disbursement of services. In addition, professionals often use theory to guide multiple aspects of practice. This presentation will discuss different cultural elements focused on the people of the Southeastern Appalachian region of Kentucky and theories used to guide social work practice. The cultural elements and social work theories evaluated are purposed for professionals working with victims and perpetrators of domestic violence in the Southeastern Appalachian region of Kentucky. Combining this information has the intended use of aiding professionals working with this population in this cultural setting.

ZACH LAMB

Eastern Kentucky University

PROBLEM GAMBLING AND CRIME

The recent widespread legalization of gambling here in America has opened dialogue about numerous surrounding issues. One of the most discussed aspects is the relationship of casinos and crime. Unfortunately one of the least discussed issues is the individual's struggle with gambling problems. This presentation will discuss ongoing research with individuals who have gambling problems and will look at the legal aspects of problem gambling as well as various individuals' histories with it with the hope of gaining clarity on how we can solve societal problems that arise with increased gambling.

AMANDA COOMER

Indiana University Southeast

CHILDHOOD PHYSICAL ABUSE: A SOCIETAL PROBLEM

Physical abuse is a problem in the United States, a problem that is not well understood. There are many factors that are involved in understanding why the abuse can occur. Is the action of one person repeated over and over throughout generations as commonly presumed? Or is it caused

by our society's obsession with violence as a way to solve problems? My research suggests physical abuse is caused by how society views discipline practices and these views cause people to become abusive towards their children. My project looks at the root causes of physical abuse to fully understand how our culture, religion, history of abuse etc. causes the repeated cycle of abuse. It is my hope to offer suggestions on how childhood physical abuse can be stopped starting with the ending of the highly practiced method of discipline: spanking.

Kentucky Ballroom B

LINDSAY GEORGE, I'KIRA REID, SHADRIKA MARTIN

Miles College

TROUBLE SLEEPING AT NIGHT? AN EXAMINATION OF SLEEP DISORDERS

Are you having trouble sleeping at night? Well, you may be suffering from a sleep disorder. A sleep disorder is a disturbance of the normal sleep pattern that can seriously interfere with our functioning. Some sleep disorders, like insomnia, are all too familiar and experienced by at least half of American adults. Others, like sleep apnea, affect as many as one quarter of the Americans. In this paper, we will discuss insomnia and less common sleep disorders, such as narcolepsy, sleep apnea, restless leg syndrome, and the so-called deep-sleep disorders such as sleep terrors, bed-wetting, and sleep walking, and conclude with suggestions on how to mitigate the dangerous effects of sleeplessness.

HIEN NGUYEN

Indiana University Southeast

PHYSICAL AND MENTAL CAUSES OF BEHAVIORAL CHANGES AFTER TRAUMATIC BRAIN INJURY

Traumatic brain injury is clearly physical; however, it also causes behavioral changes, some of which are linked to Post-Traumatic Stress Disorder (PTSD). The relationship between traumatic brain injury and PTSD is important to know because in some cases the changes in behavior are severe and lead to such things as suicide and murder. My presentation will cover the physical aspect of traumatic brain injury that causes post traumatic stress disorder, and will show the need for cognitive rehabilitation. When referring to traumatic brain injury, PTSD is both a result of physical injury to the brain and extreme fear. By understanding the affects

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of traumatic brain injury to human behavior, we may protect ourselves from violence and murder.

JESSICA MULLINS

Indiana University Southeast

DISAPPEARING HUMAN NATURE: EXAMINING RICHARD LOUV'S THEORY OF NATURE DEFICIT DISORDER

Imagine a sunny day in spring. Birds chirping, dogs barking, all the signs of life one expects to find are making themselves known. There is a warm breeze rustling through the leaves and branches of the old community oak tree that the neighborhood children are playing under. There are children in the scene, right? According to author Richard Louv, this image may simply be a fantasy. The lure of bright and shiny phone screens and game consoles seems to outshine the sun, hooking and plugging in youngsters across the nation. Increases in technology coupled with parental paranoia over unsupervised children are a recipe for an epidemic Louv has dubbed: "nature deficit disorder." Although there is no scientific proof to establish any true diagnosis, Louv hypothesizes that lack of nature results in a wide range of behavioral problems and even contributes to obesity. It would seem the nature-deficit disorder is an umbrella under which many modern childhood ills seem to be hiding. Could there possibly be any truth to his theory? Or is Louv merely feeding off a fading aspect of American culture that once shined so brightly? This is of course the idea that even though there are the looming issues of technology dependence and parental paranoia, children instinctively and inherently enjoy the great outdoors.

Kentucky Ballroom C

TRAVIS E. WHISENANT

Winthrop University

THE CONSTITUTIONALITY AND ECONOMIC IMPACT OF SUNDAY LAWS

This paper will analyze two issues surrounding Blue Laws, or Sunday Laws, in the United States, with a particular focus on South Carolina. The first issue will center on the constitutionality of Blue Laws in the United States, and will chronicle the debate as it has evolved through time. Secondly, the paper will analyze the economic impact of Sunday Laws, or Blue Laws, in South Carolina, while taking into account those factors that may oppose the repeal of such laws and the issues associated with imple-

menting such a policy. The paper then concludes with a look at the various reasons for this lack of variation between the counties and obstacles to repealing Sunday Laws in South Carolina, with emphasis on human behavior and religious beliefs found in South Carolina.

JARED SMITH, GRACE NIX

University Honors Program, University of Alabama at Birmingham

COLORADO AMENDMENT 64 AND ITS IMPLICATIONS: AN ANALYSIS OF RECREATIONAL MARIJUANA

The goal of this presentation is to examine both sides of the debate regarding Colorado's new constitutional amendment, Amendment 64, legalizing recreational marijuana use and its cultivation. The signing of the amendment by Governor John Hickenlooper in December 2012 has raised much concern. The amendment is in conflict with the Federal government's current drug laws, and there are many questions about the possible short-term and long-term effects of marijuana use. Colorado's new amendment is not just groundbreaking in the United States, but there has not been a similar law or policy passed in any other country. Our presentation will examine the political implications of this amendment, and address some of the research that has been conducted thus far on marijuana's effects on health.

Kentucky Ballroom D

KAUSHAL VADDIRAJ

University of Tampa

CONSUMER SENTIMENT AND STOCK MARKET VOLATILITY

Consumer sentiment and stock market volatility have long been considered related in a one-way causal relationship that extended from the performance of the stock market to consumer sentiment to economic growth. This presentation will share the results of an econometric analysis of the hypothesis that consumer sentiment affects the volatility indices.

JACOB LYONS

Indiana University Southeast

THE BASICS OF INVESTING IN THE STOCK MARKET

My research project is focused on the basics of investing in the stock market. It is geared toward complete beginners and informing them of

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how the stock market works. In this presentation I plan on covering some of the very basic fundamentals of investing in the stock market. Some of these basic fundamentals include the following: what the stock market is, what a stock is, why a company sells stock, what causes stock prices to fluctuate, deciding on a company to invest in, and how an individual actually goes about buying and selling stock. I have conducted the majority of my research online in which a lot of my sources come from an author at About.com, Joshua Kennon. Other sources include the New York Stock Exchange's website and *The Complete Idiot's Guide to Investing*. The main purpose of my research project is to inform and better prepare individuals for investing in the stock market.

Paddock

DONNITA MCARTHUR

Norfolk State University

THE CONTROVERSY OVER COMMUNION

Communion (or Eucharist), a ritual meal done to remember the Last Supper and death of Jesus Christ, has long been the most important rite in Christianity, but its exact nature and meaning have been fiercely debated by different denominations. The various practices, theories, and beliefs about the way Christians memorialize their great savior/teacher will be discussed.

SHAY GIBSON

Birmingham-Southern College

CHURCH MUSIC AND THE TRANSITION FROM TRADITIONAL TO CONTEMPORARY

Walk into a church today, and you can hear varying types of music, the more "traditional" and the more "contemporary." Many churches have dedicated specific services for each type of music. Why has this occurred? Changes in church music have created tension in churches for hundreds of years. Is this tension brought about by mere changes in style, or by something deeper? This project focuses specifically on United Methodist Churches in the North Alabama Conference. I visited many Conference churches with different musical backgrounds in an attempt to answer why changes in music result in tension within congregations. My research looks at the root issues in how changes in the music used to worship have created tension in the church.

COLBY QUALLS

University of Central Arkansas

SOUTHERN BAPTISTS: UNDERSTANDING THE HISTORY, DIRECTION, AND FUTURE OF THE LARGEST PROTESTANT BODY IN THE UNITED STATES

The Southern Baptist denomination is the largest Protestant body in the United States. Even in the midst of decline in religious affiliation, Southern Baptists still retain a sizeable membership. Regardless if people directly identify themselves as Southern Baptists in the South, it is very possible that they have felt the influence of the Southern Baptists culturally, socially, and politically. Though currently the denomination as a whole is seen as fundamentally conservative, its unique history has seen fluctuations in political and social views. The presentation will explore the current direction and possible future of the Southern Baptist denomination.

Place

BAILEY KIMBELL

Birmingham-Southern College

BOOKBINDING: A HISTORICAL AND PRACTICAL STUDY OF ANCIENT AND MODERN BOOKBINDING STYLES

Throughout history, bookbinding developed as a necessary means of protecting, preserving, and presenting information, but how did we reach the book as we know it today? This research identifies the development of bookbinding throughout human culture by tracing the subtle changes in style and why they came about. Furthermore, the actual binding of several blank journals in various binding styles throughout history provides visual evidence of these developments. With both historical and practical research, the impact of books and their ability to reflect constantly changing culture transcends the book as an object beyond the text it contains.

MIRIELLE SMITH

Winthrop University

DU LIEBER: A SCREENPLAY OF RIDDLES, LIES, SEX, CRIME, AND MOTHER GOOSE RHYMES

“Old Mother Goose when she wanted to wander would ride through the air on a very fine gander.” The canon of Mother Goose rhymes is a loose,

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ill-defined set of rhymes that has nonetheless been an important and recognizable part of Western collective culture. I will discuss an adaptation of Bruno Bettelheim's theory of fairy tales' psychological importance to people at various ages and Jack Zipes's thoughts on the necessity of continual fairy tale adaptations in regards to the construction of my screenplay, which riffs on and re-appropriates a variety of Mother Goose rhymes dating back to the early nineteenth century. An example of how multiple rhymes combine to form new characters and situations in the screenplay and a short trailer of the film will be presented.

ALEX MULLER

Winthrop University

CIN-DEE-RELLA: EXAMINING ALICE WALKER'S "EVERYDAY USE" AS A CONTEMPORARY RETELLING OF THE RAGS TO RICHES FAIRY TALE

Recently, renewed interest in fairy tales has prompted a scholastic re-examination of literature in light of these classic texts. Especially in pieces where social issues such as race and gender are presented, the parallels of fairy tales can offer new meaning to both the classic and the contemporary. Alice Walker's 1973 short story "Everyday Use" is a prime example: by adjusting the fairy tale format to suit the modern reader, Walker reverses the characters of Dee and Maggie in the role of Cinderella and establishes the narrator, Mama, in the dual role of evil stepmother and fairy godmother. In this presentation I will argue that Walker establishes the Cinderella parallels in order to honor not only the African American tradition of oral storytelling, but also the universal tradition of using the fairy tale as a vessel for progressive thought and social commentary.

Show

KETTI TONNEMACHER, FRANK MUNTIS

University of Louisville

THE ORIGIN OF A LEARNING LIVING COMMUNITY

Join the expedition as we examine the evolution of a science/pre-health-themed Honors Learning Living Community (LLC). This presentation will explore the past, present, and future of Honors LLCs at the University of Louisville, as well as analyze program development and student success/feedback. Presentation will include reflection from a former LLC participant, who now serves as a mentor for current participants through his position as a Resident Assistant.

REBECCA OLIVER, ELLEN HAKENEWERTH, EMILY PETERS

Arkansas State University

OK, I'M IN COLLEGE. NOW WHAT?

The transition from high school to college can be hard, especially when you're an anxious, overthinking honors student. This presentation will talk about the role of the Honors Living-Learning Community (HLLC), the Honors College Association (HCA) student organization, honors courses and the overall sense of belonging that has helped transition students into the Honors College at Arkansas State University. We will provide information on building a sense of community, various activities and other opportunities honors can bring to students as they enter college and strive to be the greatest.

Skybox

CHRISTIE CONNOLLY

Birmingham-Southern College

SHE LOVES ME, SHE LOVES ME NOT: A PERFECTIONIST'S RELATIONSHIP WITH HER BALLERINA BODY

This analysis presents an interpretation of the movie *Black Swan* through the psychological lens of the perfectionism personality trait, eating disorders, and non-suicidal self-injury. *Black Swan* forefronts the strong relationship among these three behaviors through camera techniques that emphasize the prevalence of mirrors and through vivid storyline moments like Nina's toenail cracking during her relentless work on a pirouette. The film suggests that ballet can foster a dangerous environment for young dancers, especially those susceptible to perfectionism. Ultimately, Nina's tragic example provides a cautionary tale for young ballerinas who can identify with her obsessions as it warns against behaviors that have increasingly plagued not only the dance world but also the American female population as a whole.

ABBIE HESTER

Birmingham-Southern College

THE BEST OF BOTH WORLDS: HYBRIDITY IN SHERMAN ALEXIE'S SMOKE SIGNALS

Smoke Signals (1998) was adapted from Sherman Alexie's *The Lone Ranger and Tonto Fistfight in Heaven*, directed by Chris Eyre, written

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by Alexie, and jointly produced by both. Almost fifteen years after the movie's premiere, scholars are still writing about its groundbreaking results for Native American cinema. The open question, however, is what combination of factors allowed *Smoke Signals* to make such monumental progress? As the saying goes, hindsight is twenty-twenty, so perhaps it is now time to reevaluate *Smoke Signals*, looking for the underlying causes of the film's success, in the hopes that even more progress will follow. In this paper, I argue that it is the film's specific position between cultures that made it so groundbreaking. Or, rather, its hybridity made it a success. This paper shows how the film is a hybrid of cultures—a mix of mainstream and independent production and of Hollywood and Native storytelling structure—and why this hybridity is important.

LUKE WILSON

Eastern Kentucky University

UNDERSTANDING THE ROLE OF METAFICTION IN THE 21ST CENTURY AS EXPRESSED BY NBC'S *COMMUNITY*

As a stylistic element of writing, metafiction became popular among countercultural writers in the 1970s and has gradually made its way into popular culture. This narrative device asks its audience to play a more active role in the storytelling and is becoming increasingly more common in novels, movies, and television. Informed by poststructuralist and trauma theory with illustrations and examples from the NBC series *Community*, this presentation will argue why metafiction engages its viewers as participants as well as how the implications of its use in a comedic format relay timely, culturally significant content for its twenty-first century American audience

Thoroughbred

**JOHN ZUBIZARRETA, LINDSEY HERNANDEZ, LILIT MAKARYAN,
JORDAN PILKEY, ROXY ROSARIO**

Columbia College

ENHANCING HONORS LEARNING WITH ONLINE FORUMS: HONORS STUDENTS SPEAK!

Recording students' critical reflection skills produces compelling evidence of quality in higher education learning. A collaborative online forum is a powerful means of creating such a safe, challenging environment that helps honors students understand and document their own learning for

improvement and self-assessment. Come listen to several undergraduate honors students' voices as they explore the benefits and hurdles of embracing online forums for building a community of reflective honors learners focused not only what they learn as honors students but also how and why their learning is meaningful, collaborative, and lasting.

4:30 pm–5:30 pm

SRHC Business Meeting—Kentucky Ballroom

6:00 pm–9:00 pm

Gala and Silent Auction—Muhammad Ali Center

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Session I - 8:00 am–9:00 am

Kentucky Ballroom A

JESSICA JENKINS

Eastern Kentucky University

A SPLASH OF PINK

In this presentation, I analyze the role of women in modern aviation. Historically, women pilots have been the ones to pave the way for equality and women's rights. However, women are still a minority in the male-dominated industry of aviation. Some areas of the industry are growing in respect to the amount of women versus men, but the number of women pilots is largely remaining the same. Research has shown that there is no reason mentally or physically that women cannot be pilots. In this presentation, I will discuss the barriers women experience in attempting to establish a career in aviation and what needs to be done in order to equalize the sexes in this industry.

REBECCA CHILDS

Brevard Community College

FLOAT LIKE A BUTTERFLY OR STING LIKE A BEE? BETTY FRIEDAN AND VALERIE SOLANAS: OPPOSING STRATEGIES STRIVING FOR FEMALE GREATNESS

Greatness is about how we shape our lives, and how we chose to reflect our ideals, measured by the impact it has on the world around us. We

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each have the ability to become great in certain aspects, but those of us with the drive and motivation to turn potential into passion, then passion into greatness, are the ones that enter our history books. In addition to accomplishments, society also notes what obstacles a person faces along the way. Muhammad Ali is an example of a man who surpassed expectations and refused to let others label him. Ali chose integrity and grace over unrefined aggression. In this context, my presentation examines how different approaches yield different magnitudes of greatness. To achieve greatness, a man's legacy must not be dictated by others, and just as Ali drowned out the negativity around him and focused on winning in the ring, he must also rise above the dissenting voices. But what if he is a she? How does the legacy of women struggling for equality affect future generations? To define female greatness, I compare the arguments of Betty Freidan and Valarie Solanas to prove that tact and grace yield significantly higher returns towards greatness than bitterness and aggression.

BRANDI BARNES

Norfolk State University

SONIA SOTOMAYOR: ACHIEVING GREATNESS WITH AFFIRMATIVE HELP

Though she came from humble beginnings, with the help of affirmative action, Associate Supreme Court Justice Sonia Sotomayor has become a powerful advocate for women and Hispanics. From living in the inner-city public housing projects of New York City to graduating with honors from the nation's most prestigious institutions, her story (told in her book *My Beloved World* and elsewhere) suggests that through consistent hard work and determination, greatness can be attained.

Kentucky Ballroom B

**SEAN MCCARTHY, LAUREN CHISHOLM, MCKENZIE DAVIES,
BHAKTI DESAI**

Birmingham-Southern College

*THE ONCE AND FUTURE STORY: REMNANTS OF ARTHURIAN ROMANCES
IN POPULAR CULTURE*

In this panel, we will analyze the medieval legacies of Arthurian texts found in popular culture. The presentation will be focused on both the paradigmatic and iconic remnants. A paradigm is a concept or a symbol used in two works for the same purpose. However, an icon is a symbol that retains the same appearance in both works, but differs in function. To

achieve this, we will draw parallels between medieval texts and modern adaptations of medieval romances. By examining the role of characters and weapons in works of both eras, we are able to demonstrate the influence of medieval texts in modern culture.

Kentucky Ballroom C

AMANDA VAUGHN, CASEY WEBB

Miles College

SHARED EMPATHY OF THE JEWISH AND AFRICAN AMERICAN EXPERIENCE

A PBS documentary states that “since the time of slavery, Blacks have in some ways identified with the Jewish experience. They compared their situation in the American South to that of the Jews in Egypt, as expressed in Black spirituals such as ‘Go Down, Moses’. The longing for their own exodus inspired the popularity of “Zion” in the names of many Black churches. Black nationalists used the Zionist movement as a model for their own Back-to-Africa movement. Over the years Jews have also expressed empathy with the plight of Blacks. In the early 1900s, Jewish newspapers drew parallels between the Black movement out of the South and the Jews’ escape from Egypt, pointing out that both Blacks and Jews lived in ghettos.” This paper investigates further the depth of the Jewish and African American experience and argues that lessons learned have enriched modern society.

ELLEN BUSHONG

University of Louisville

PUBLIC HISTORY AND SLAVERY IN THE TWENTY-FIRST CENTURY: APPROACHING THE DARK SIDE OF AMERICA’S HISTORICAL NARRATIVE

The exhibition and portrayal of slavery in America’s historical institutions has been a catalyst for widespread debate among public history professionals. Passionate arguments have inspired varying discussions on how this controversial, but integral, portion of America’s history should be portrayed to the public, and how that enriching information should be depicted. This paper will introduce the general scholarship and ideological struggle public historians face when discussing slavery in the twenty-first century, as well as dissect a number of recent controversies that attempted to illustrate this topic with or without success. Furthermore, this paper will dissect the successes and failures of those exhibitions in order to create a basic criteria for how the portrayal of controversial his-

ories, particularly the history of slavery, should be approached in today's multicultural climate.

LAURA DOLLINS

Eastern Kentucky University

PLANTATION LEGEND: ILLUSION OF THE SOUTHERN LIFESTYLE

Literature is commonly reflective of the time period in which it was conceived, or to which it pertains, and due to this, readers may gain an insight into the past. However, the problem with this relationship arises when literature that is written for the purpose of entertainment is mistaken for being historically accurate. The literary works during and after the Civil War are commonly studied to gain historical knowledge about the past. Unfortunately, certain authors, either consciously, or even subconsciously, included many biases that do not necessarily pertain to the South as a whole. Consequently, this builds up a plantation legend, where readers are left with certain illusions of the South before and after the Civil War. However, these false depictions can be corrected with more reliable accounts of history that result from the geographical, statistical, and financial realities that accompanied the actual Southern lifestyle.

Kentucky Ballroom D

BREANNA DARGEL

Gardner-Webb University

AN HONORS POLITICAL SEMINAR-INSPIRED ANALYSIS OF THE US ECONOMY

In an honors seminar class following trends developed in the 2012 Presidential election, each student chose a specific issue to independently research, exploring the impact of their subject on the election results. Selecting domestic economic issues as my personal topic, I found the matter yielded a smaller impact on the election than the current state of the economy demanded. With the looming fiscal cliff deadlines and new tax codes, the issue of the US economy resurfaced at the start of President Obama's second term. Upon the completion of the seminar course, I broadened my study. Considering the future of the US economy depends largely on the trends of the past, I pulled from the initial transition period of the US budget from surplus to deficit and the economic actions taken since then. Reflecting and chronologically organizing past economic patterns then allows for narrower projections for the future leadership and economic plans required for recovery.

KIRA RIB

St. Petersburg College

THE TIPPING POINT OF CHARITY-LINKED PRODUCTS

Throughout history a multitude of social epidemics have come and gone. How and why they arise often remains an unresolved question. In his publication, *The Tipping Point*, Malcolm Gladwell presents a thorough explanation as to the rise of various social epidemics—from crime rates to ugly shoes. This presentation will examine Gladwell's theories and lend a further analysis through several case studies to illustrate various factors of the “tipping point.”

MICHAEL CHILDRESS, SHANIECE BUTTS

Miles College

THE UNITED STATES DEBT CEILING DEBATE AND IMPLICATIONS

“The debt limit is the total amount of money that the United States government is authorized to borrow to meet its existing legal obligations, including Social Security and Medicare benefits, military salaries, interest on the national debt, tax refunds, and other payments. The debt limit does not authorize new spending commitments. It simply allows the government to finance existing legal obligations that Congresses and presidents of both parties have made in the past. Failing to increase the debt limit would have catastrophic economic consequences. It would cause the government to default on its legal obligations—an unprecedented event in American history. That would precipitate another financial crisis and threaten the jobs and savings of everyday Americans—putting the United States right back in a deep economic hole, just as the country is recovering from the recent recession” (www.treasury.gov). The debate on the debt ceiling is a new one because Congress has acted 78 different times to permanently raise or temporarily extend the debt limit. What are the implications of America defaulting on its debt obligations?

Place

TAYA GREEN, ANDREW COXON, DARREN DORADO, SASHA SIERRA

Hillsborough Community College

RE-DESIGNING AN HONORS AMBASSADOR SELECTION PROCESS

The Honors Ambassador Program is an essential component in the success of the recruitment and retention of students for the Honors Institute

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of Hillsborough Community College. Interested honors students who apply to be Honors Ambassadors and go through a rigorous application process prior to being selected. This year, the current Honors Ambassadors designed the process for identifying and selecting new Honors Ambassadors for the next academic year. Current Honors Ambassadors will explain the structure of the new selection process and how that process might be applied to your own honors program.

JONATHAN ROBERTS, KATIE BABINEAU

Armstrong Atlantic State University

UNIVERSITY ORIENTATION SESSIONS AS AN HONORS RECRUITMENT TOOL

Honors programs are often encouraged, for a variety of reasons, to increase the total number of students in the program. One area of recruitment that may be overlooked is the students who are already planning to attend the University, but may not know about honors or may not realize that they are interested in honors. Our honors program has worked closely with student affairs and the advisement office to make sure that all “honors eligible” students learn about honors from the director and from current students at the orientation session. More recently, we have also been able to incorporate a parent session into our orientation. This session will discuss some of the “nuts and bolts” of how we made this happen, from both the director viewpoint, and the viewpoint of a current honors student who has participated in the orientation sessions.

Show

TIMOTHY FERNANDEZ, MOHAMMAD ABBASI, JOSEPH OLSON

University Honors Program, University of Alabama at Birmingham

QUANTUM BIOLOGY

Erwin Schrödinger, a founding father of quantum mechanics, originally sought an explanation to the mystery and complexity that is life in terms of quantum theory. Only with the invention of modern computing and analysis techniques has Schrödinger’s aim come to fruition in the newly emerging field of quantum biology. In this presentation, we explore the role of quantum mechanics in biology and medicine by examining the quantum mechanisms involved in photosynthesis, avian navigation, olfaction, genetics, and proton tunneling in enzymatic catalysis as well as the quantum principles underlying medicinal spectroscopy techniques such

as magnetic resonance imaging (MRI) and positron emission tomography (PET).

CAROL SAVCHICK

Eastern Kentucky University

ENTOMOPHAGY: AN EXPLORATION OF OPTIONS

Entomophagy is a fancy word that can strike fear and terror into the hearts of Americans because it means the consumption of insects as food. Westerners harbor an aversion for insects that borders on phobic, but the health and especially the environmental benefits of entomophagy are too great to ignore. Over 80% of the world includes insects into their diet, and not necessarily because they have no other choice. When farmed correctly, the consumption of insects is no more dangerous than eating the plants we grow. Why we have this detestation toward insects while the majority of the world partakes in this plentiful food source stems from nothing more than our first world attitudes. The incorporation of entomophagy into American culture would have significant health and environmental benefits, and should not be disregarded because of illogical predispositions.

CHAPIN CAVENDER

University Honors Program, University of Alabama at Birmingham

AN EXPLORATION OF MIND-BRAIN REDUCTION WITHIN THE CONTEXT OF UNITY OF SCIENCE

This presentation explores the feasibility of an argument to reduce the science of phenomenal consciousness to systems neuroscience within the context of Unity of Science, a position which claims that all disciplines of science can be explained by one fundamental discipline. It is demonstrated that Oppenheim and Putnam's (1958) four conditions for micro-reduction either have been or can be satisfied. To support this argument, three important claims are made: 1) the mind should be viewed as a level of organization within the physical brain; 2) it is plausible that the properties of consciousness will be shown to be synonymous with the properties of neural networks; 3) neuroscience has greater explanatory power than psychology when mechanistic explanations are desired. These three claims establish enough of a foundation to justify a belief in the forthcoming reduction of the science of consciousness to neuroscience.

Skybox

COLLIN HELMS, DANIEL MORTON, SHAWN CAMPBELL

Gardner-Webb University

BUILDING COMMUNITY THROUGH COMMUNITY SERVICE

When reflecting on community service what comes to mind? Many would consider thoughts of a job well done or how satisfying it feels to help someone other than one's self. Granted these are thoughts that should accompany such work. However, what can be said for the community that was built between the group members that were performing the service? Our honors program places a heavy amount of emphasis on community service and finding ways in which we can be involved in not only our local community but in other communities as well. Through our experiences on our numerous service projects it is clear that there is a stronger sense of community that has formed amongst the members of our program.

REBECCA VACLAV, EMILY BUTI

University of Tampa

ALTERNATIVE BREAKS: ENHANCING HONORS THROUGH SERVICE LEARNING

This presentation encompasses the concept of an Alternative Break weeklong volunteer experience and calls the scholars of honors to action. One coordinator and one participant will discuss the program benefits in improving one's personal identity as both a scholar and a citizen. Service learning should be an integral part of every honors student's lifestyle, as knowledge gained in the classroom is not meant to remain sessile but inspire positive, sustainable change on a community level.

Session J - 9:15 am–10:15 am

Filly

**EDWIN CONNER, REGINALD GRIMES, CHELSEA SHAWVER,
BREANA SMITH, KASSIDY SPIES, SARAH TUTTLE, RAVEN
WATKINS, JAZMYNN WILSON**

Kentucky State University

"PATRIOTS, LOYALISTS, AND REVOLUTION IN NEW YORK CITY, 1775-

76: A REACTING TO THE PAST GAME”

It's 1775, and the City of New York has to decide on a variety of issues brought to a head by British rule and some new actions of the Continental Congress. Chief among these issues: will New Yorkers side with those who want to make the colonies independent of Britain, or will we side with the loyalists to the mother country? It's not as simple a question as it seems, and the debate is on. This panel will provide a taste of an increasingly popular pedagogy on American campuses: a series of several dozen role-playing games collectively called *Reacting to the Past*, a couple of which have been used in classes in the Whitney Young School of Honors at KSU.

Kentucky Ballroom A

MARTHA VILLACIS

University of Arkansas at Pine Bluff

DEVELOPING A CULTURALLY RELEVANT MOBILE APP: ECUADOR

The Computer Science Research Team from University of Arkansas at Pine Bluff is developing a Mobile Application for the country of Ecuador, localized in South America. This App allows people from Guayaquil to have a restaurant database, which can sort from different options such as range of prices, kind of food, area and ratings. There is a large market segment that justifies the development of this App; the first justification relies in the fact that it is the first application of this type developed strictly for the country of Ecuador. Our main goal is to facilitate to habitants from Guayaquil and to tourists a diverse list of restaurants. Throughout the oratory, there is more detailed information about the collected data, the methods used for this research, the methods used for the creation and development of the application, and how this research was possible to achieve.

SAMUEL WHITLEY

Winthrop University

SOLVING IMPLEMENTATION CONCERNS OF SERIOUS GAMING THROUGH AN INTEGRATED WEB PLATFORM

Serious games, or games used for informative purposes rather than entertainment, have a compelling potential for advancing public education. However, there are a variety of practical concerns that prevent them from seeing wide distribution in this environment. Potential problems include

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the inability of most school boards to pay high development costs, the need to support grading and assessment, and the requirement that the games work on a wide variety of systems. Furthermore, serious games are only effective when they support a specific learning objective, and since all schools differ in exact curricula, it must be possible to edit and re-purpose these games. To solve these problems, this research proposes a hypothetical web-based platform for serious games. This platform integrates a unified set of customization, grading, and assessment tools for a whole suite of serious games. Ultimately, the purpose of this research is to initiate further dialogue about integrating serious games into education.

SCOTT FOUSE

Eastern Kentucky University

THE APPLICATION OF ECONOMIC AND GAME THEORY PRINCIPLES TO A VIDEO GAME (VIRTUAL) ECONOMY

Could society, economically, be better left to its own unregulated devices? This study exists to determine whether the economy of a virtual world existing inside of a video game, follows a known economic model applicable from real life; and if so, how these correlations can be evaluated to find whether intervention and oversight is necessary, or if an economy with only the direct impact of the player base can be functional and efficient, if not better, than currently regulated markets. For this, economic data for the entirety of the economy, US-Akama(H), was compiled and analyzed. Nine individual markets and four baskets of goods were mapped for the duration of the study and compared to known economic models. The analyzed data showed a high correlation between the functionality of the virtual data and applicable known models, but the data did not retain the efficiency of a regulated market.

Kentucky Ballroom B

KATIE MASCIA

University Honors Program, University of Alabama at Birmingham

AVOID IT LIKE THE PLAGUE: REFLECTIONS OF ANXIETY TOWARDS THE BLACK DEATH IN CHAUCER'S PARDONER'S TALE

The Black Death is still considered to be the most devastating natural disaster to strike Europe. This plague killed 25-50% of Europe's population, and left survivors psychologically scarred. Surprisingly, one of the leading voices of this time, Geoffrey Chaucer, rarely mentions this "pestilence" in his works. In fact, his only story that is set during a time of plague is the

Pardoner's Tale, one of the stories in the Canterbury Tales. Unfortunately, many literary scholars have neglected the importance of the historical, biological, and medical aspects of this plague setting. Once this context is understood, some passages in the Pardoner's Tale can be identified as directly portraying—and playing on—the anxieties and fears that were so common during a time of plague. This presentation will incorporate discussions of medieval history, medicine, and modern biology in order to elucidate these reflections of anxiety in Chaucer's Pardoner's Tale.

MORGAN BLAIR

University of Louisville

“GIVE US A SONG WORTH SINGING”: SEAMUS HEANEY'S APPROPRIATION OF VIRGIL'S *ECLOGUES* AND *AENEID* TO ADDRESS PRIVATE AND PUBLIC CONCERNS

This paper will examine the ways in which poet Seamus Heaney appropriates the *Eclogues* and *Aeneid* of Virgil in order to explore both private and public anxieties that arise in response to the political situation of Northern Ireland. Through a careful analysis of Heaney's translations and adaptations of Virgilian poetry, this paper will emphasize the mutual relationship between classical and contemporary Irish poetry which is necessary for a practical understanding and continued appreciation of each genre. Furthermore, it will attempt to illuminate the transcendence of Virgilian themes which occur as a result of Heaney's creative process.

DONALD BROWN

Mississippi State University

SHYLOCK'S CRITIQUE OF SUPERSESSIONISM IN *MERCHANT OF VENICE*

In *Merchant of Venice*, Shakespeare's Shylock captivates the audience in every scene in which he performs. However, he is completely absent from the last two acts. Nonetheless, he is still the most discussed character in the play. What is one to make of this? His craving of Jewish law confuses and almost defeats the Christian world in which he is trapped. However, he is proscribed in utter ignominy before the European Christian court. Or is he? By using religious criticism on Jesus' relationship to Judaism and Christianity from Susanna Heschel, and Pauline theology from Julia Lupton, I will argue that Shylock's "defeat" is intentionally counterproductive. Shylock is the scapegoat for the characters in the play, and, more importantly, for Shakespeare. Shylock may lose the battle, but wins Shakespeare's war by obfuscating the Old Law-New Law bifurcation to expose the unfounded anti-Semitism of Europe.

Kentucky Ballroom C

JAIME KING, HOAI ROBINETTE

Eastern Kentucky University

THE UGLY TRUTH: IT'S ONLY A SHADOW OF A DREAM

Our country was founded upon the seemingly simple idea of freedom and freedom was/is the essence of the “American Dream.” The American Dream has varied throughout history and has generally encompassed not only the ideas of freedom, but equality, opportunity, and an upward social mobility accomplished through hard work. These “rights” have supposedly been held to be available to every American. On the level of individualism, the American Dream has signified reaching the peak of achievement in life based upon fashionable opinions of self-determined success and priorities of the era. To others, the American Dream is simply a made-up American label by a chauvinistic cliché jingoist. Our discussion will revolve around the evolution of the American Dream and its underlying conflicts. We will address whether the American Dream is still in existence in the modern day and if so, the expectations or description of the modern American Dream.

BENJAMIN CALDWELL

Morehead State University

BEFORE “THE PURSUIT OF HAPPINESS:” HUMAN HAPPINESS TO LOCKE, JOHNSON, AND ROUSSEAU

Thomas Jefferson’s famous words in the Declaration of Independence have become cliché in America. This simplest of all life goals—and the real definition of the “American dream”—seems to us to be basic human nature, but it is actually a relatively recent take on life, and its origins as a serious political and philosophical principle can be traced to John Locke (1632-1704) and Jean-Jacques Rousseau (1712-1778). Writing at the same time as Rousseau was Samuel Johnson (1709-1784), whose works show the deeply pessimistic view of human happiness that dominated much of Western philosophy all the way up to the American Revolution.

Kentucky Ballroom D

NICOLE DROWN

Winthrop University

STIFLING CURIOSITY IN THE WRITING CLASSROOM: WHAT OUR CURRENT PRACTICES ARE DOING AND HOW HEURISTICS CAN HELP

A growing problem in middle-level writing classrooms is that current lesson and assignment structures discourage an essential element of the learning process: student curiosity. The practices of assigning generalized paper topics and of instructing students to write according to prescribed formulas deny adolescents the chance to ask about and pursue answers to their own concerns regarding lesson material. Over a long term, these processes suggest to students that their ideas are insignificant, creating distance from and eventually disinterest in learning. I ground my argument that a middle-level writing classroom modeled on heuristics would be more developmentally appropriate than current writing classroom strategies in Erikson's Theory of Psychosocial Development. Using heuristics to emphasize class discussion and individual exploration of ideas through writing would not only encourage students to involve themselves in their learning, but would also teach essential higher-level skills, including the ability to craft and begin to answer self-generated questions.

HANNAH WRIGHT

Arkansas State University

STUDENT SUCCESS AND MOTIVATION IN ONLINE VERSUS TRADITIONAL LECTURE CLASSES

Sitting in a lecture hall is becoming a thing of the past for many college students. Online courses are beginning to be recognized as the norm in the educational realm. Knowing how online classes compare to the more rooted methods of teaching and the implications that coincide is substantially important for those in the field of education. Pedagogical approaches for traditional lecture classes and online courses are often on opposite ends of the spectrum. How do these affect student success, or is it impacted by the mode of information delivery to the student at all? What factors or perceived notions draw students to enroll in an online class over the choice of a traditional lecture? This study takes a deeper look into why students choose to take an online course when they have the option to be in a traditional classroom and the overall success of each group of students.

LAURA GEIMAN

Morehead State University

HIGHLIGHTING OUR STRENGTHS

In this research paper, the reading- writing processes of 18 first graders in a rural elementary school in Appalachia are examined. My under-

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graduate research fellowship explores the work of Dewey, Vygotsky, and others a century ago is being substantiated through current neuroscience. In weekly writing workshops we explore principles of Universal Design for Learning (Rose, D. 2012) and Neurodiversity (Armstrong, 2011). I discover how each child is as unique as their fingerprint. The importance of each child to strive to be not THE best, but THEIR best is my goal and to help every teacher learn to respect each student for her or his UNIQUE ability. This process is empowering to see because while I strive to be my best, the students strive to be their best.

Place

JESSE GOLDMAN

University of North Carolina Asheville

CREATING CHANGE THROUGH MEDIA

Throughout this presentation, I will highlight the enormous effect that the media to which we are exposed has on our perception of reality and subsequently on our ability to foster agreement among one another and successfully accomplish political goals as a society. I will show how the current media infrastructure that exists serves only to manipulate and divide people, making successful collective action incredibly difficult. Finally, I will share three ideas that could help our species to finally harness the true power of media, foster greater agreement among one another, and together work to fundamentally change our collective reality. These ideas are: 1. Raising awareness about the crucial skill of media literacy and ensuring that it is taught to all people at a young age; 2. Democratizing and diversifying the sources of media to which we are exposed; 3. Inspiring individuals to literally “be the media” and help create their own change.

JENNIFER DANDRON

Valdosta State University

THE RELATIONSHIP BETWEEN THE MEDIA AND SCHOOL SHOOTINGS IN THE PAST FIFTEEN YEARS, WITH REGARD TO THE COLUMBINE, VIRGINIA TECH, AND NEWTOWN MASSACRES

This paper focuses on the relationship between media and school shootings in the past fifteen years, especially in regards to the Columbine, Virginia Tech, and Newtown massacres. It outlines how different types of media, specifically social, print, and broadcast, influenced the public's

response to each incident. Likewise, it analyzes how the situations affected media personnel. The paper also compares the demographics to which each form of media most prescribes and how those patrons' reactions differed. Finally, the paper looks at the varying philosophical approaches different media outlets took when reporting each tragedy.

LESLIE WILLIAMS

University Honors Program, University of Alabama at Birmingham

THE TRUTH BEHIND THE TIARA-CHILD EXPLOITATION AND THE DIS-FIGURATION OF INNOCENCE IN CHILD BEAUTY PAGEANTS

Reality television shows centered around child beauty pageants and the success-driven mothers of the child participants are becoming increasingly popular. Shows such as TLC's *Toddlers in Tiaras*, a television show that documents little starlets and their domineering mothers journey through the beauty pageant world, are becoming commonplace on primetime television. Child beauty pageants are a multi-billion dollar industry, which may lead one to wonder if these pageants exploit the children involved. This presentation will examine ethical issues raised by the child pageant industry and the motives of the parents involved.

Show

REBECCA LYNCH

Eastern Kentucky University

A STUDY OF POLYCYSTIC OVARIAN SYNDROME

Polycystic Ovarian Syndrome (PCOS) is a physiological disorder that causes many negative affects involving a variety of systems in the body, such as the endocrine, metabolic, psychological, and reproductive systems. This presentation will explore the various diseases associated with PCOS, focusing on the psychological aspects of PCOS. In order to more fully understand the condition of PCOS, the possible causes, symptoms, and treatments for PCOS will also be discussed, with a special emphasis on lifestyle modification. The objective of this presentation is to give the audience a deeper understanding of the most common endocrine disorder in women of reproductive age and a better appreciation of the importance of this information.

EMILIE JOHNSON

Indiana University Southeast

THE UNDERACTIVE THYROID: UNDERSTANDING HYPOTHYROIDISM

Many Americans suffer from the symptoms and effects of hypothyroidism on a daily basis. To make matters even worse, they do not know, let alone understand, the facts of the condition from which they suffer. I was such a person; I took my medication and never asked questions. To truly understand hypothyroidism, one must know and understand what the thyroid is and how it works in relation to rest of the body. In addition, they need to know what hypothyroidism is and the symptoms associated with it. With this information they can gain access to the many tests that doctors use to help diagnose hypothyroidism, along with the two major medications used as treatment. After using peer reviewed sources and several books, I have evaluated all these aspects, and hope to answer these most pressing questions.

DORINE JAMES, CHARNESE HICKLING

Miles College

SEARCHING FOR THE CURE OF PROGERIA

Progeria, also known as Hutchinson-Gilford syndrome, is a rare disease that was first described in 1886 by Jonathan Hutchinson. This unique genetic condition shows symptoms resembling the normal aspects of aging, just at a young age. The word progeria can be broken into two pieces: pro which means “before” and geras which means “old age.” The disorder is very uncommon; only 1 in every 8 million children has the disease. Children diagnosed with progeria live anywhere from their early teens to their early twenties. This paper discusses the search for scientific cure for this debilitating illness and offers suggestions on some coping mechanisms

Skybox

**MIRANDA COLLIER, CHAPIN CAVENDER, MICHELLE CHANG,
NAVEED FARRUKH**

University Honors Program, University of Alabama at Birmingham

*MAXIMIZING THE BENEFITS OF LITERARY AND SCIENTIFIC STUDENT
PUBLICATIONS*

The opportunity to have original work disseminated in reputable publications enhances the educational experiences of honors students. Whether

the work is scientific, artistic, literary or journalistic in nature, students derive great benefits from both the publication process and the acclaim of having their work published. The literary arts journal *Sanctuary* and the scientific research journal *Inquiro*, each managed by undergraduates at the University of Alabama at Birmingham, aim to provide students in various disciplines with a creative outlet, a platform for critique and improvement, and a means of communicating with a wide audience. This panel, consisting of four *Sanctuary* and *Inquiro* editors, will discuss the ideal goals of student-oriented publications; how these goals may be pursued, particularly through online media; and how all SRHC students can augment their undergraduate careers, and those of their peers, by becoming involved.

JAMIE WATSON, NAOMI SPICER, DR. BILL ATWILL

University of North Carolina Wilmington

A ROOM OF THEIR OWN: SUSTAINING A SUCCESSFUL, STUDENT-RUN, MEDIA SOURCE

Serving as a model for a self-sustaining and social media outlet, the UNCW Honors College provides multiple opportunities for students seeking experience in writing, editing, and publishing. Additionally, honors students strive to establish a photographic and written institutional history through the program's Honors Student Media Board. Students publish works such as a bi-annual newsletter (*Periplus*), a creative writing journal (*Second Story*), and a collection of academic research conducted throughout North Carolina educational institutions (*Explorations*). As opposed to the typical, faculty-directed approach, our media team is student-run. Care is taken to train new members in order to ensure continuity in our publications, which allows first-year students to act as assistant editors and gain valuable skills in communication while also building their resumes. In this session, we will discuss both our publications and training approaches.

Session K - 10:30 am–11:30 am

Kentucky Ballroom A

C. TAYLOR SUTTON

University of Central Arkansas

A CONFUCIAN CORRECTION TO KANT'S MORAL ARGUMENT FOR DIVINITY

After famously rejecting both cosmological and ontological arguments for the existence of God, Immanuel Kant offers an argument of his own: an argument from morality, claiming that the existence of God is a necessary postulate of practical reason that bridges the “moral gap” in his system. However, Kant’s Moral Argument is not without fault; the deity it proposes suffers from the problem of evil. To attempt to improve the argument, I argue that by adjusting the Moral Argument to support a non-theistic divinity such as Confucian tian, the problem of evil can be averted. As a natural, immanent, normative force without intention, heart, or mind, tian is able to be the bridge between morality’s demands and human happiness and flourishing Kant requires, while simultaneously avoiding the problem of evil and serving as a basic conception of divinity on which further debate, discussion, and religious belief may be established.

PAUL FRYFOGLE

University of Tampa

DEFENSE OF RAWLS: RESPONSE TO BROCK

Cosmopolitans like Gillian Brock, Charles Beitz, and Thomas Pogge argue that the principles of justice selected and arranged in lexical priority in Rawls’ first original position would—and should for the same reasons as in the first—also be selected in the second original position. After all, the argument goes, what reasons other than morally arbitrary ones do we have for selecting a second set of principles? A different, though undoubtedly related, point of contention is the cosmopolitan charge (most famously, made by Pogge) that Rawls fails to consider the unfavorable conditions that owe themselves to global factors. Perhaps there was a time when interconnectedness and interdependency between states was not a factor; but in the current global order, this certainly is not the case. While this paper will address other related cosmopolitan concerns mentioned in Brock’s work, it is these two points that are perhaps the two biggest threats to the Rawlsian project and, as such, it is these two points that will be the primary focus of this paper.

JOHN CHARLES LEBO

Eastern Kentucky University

THE PARADOX OF FREE WILL: COMPATIBILISM VS. INCOMPATIBILISM

For centuries, thinkers of all kinds have struggled with the idea of free will. In opposition to free will is the idea of determinism. From the two ideas of determinism and free will emerged two forms of thought: Compatibilism and Incompatibilism. The Compatibilists hold that determinism and free will can coexist while the Incompatibilists believe the oppo-

site. By examining several different ideas concerning quantum theory, one of which being Heisenberg's Uncertainty Principle, and some philosophical ideas, such as the Principle of Untouchable Facts, and weighing them against Incompatibilism and Compatibilism, one will come across some mysteries, which are called the paradox of free will. After examining the paradox of free will, the existence of free will seems to be an impossibility; however, if one is to consider Leibniz's idea of inclination and a few ideas offered by Peter van Inwagen on the subject, perhaps free will isn't completely lost to humans.

Kentucky Ballroom B

EMILY DAMES, ARIEL ABNER

Eastern Kentucky University

FICTIONAL REPRESENTATION OF THE "MODERN FAMILY" AS DEFINED BY HARRY POTTER

Our panel will discuss the different kinds of modern families and how they relate to the world of Harry Potter: single parent, foster parents, involvement of extended family, siblings versus only child, and effects of income. We will look into how each family affected the growth of individuals from the Harry Potter series including moral, social, and character development. For example, Harry was raised in a foster setting by his estranged aunt and uncle. His childhood was not one to be envied, but upon entering Hogwarts, his past struggles ultimately led him to become a courageous, persevering young adult. Neville Longbottom, an outlier of Gryffindor house for his foolishness and lack of confidence, was forced to live with his grandmother most of his life. He felt he could not fit in with his fellow classmates, but eventually he learns that he has hidden strength and courage inside himself all along.

Kentucky Ballroom C

OWEN HAYDEN

Averett University

"IN GOD WE TRUST" - AN EXAMINATION OF THE FOUNDING FATHERS OF THE UNITED STATES OF AMERICA AND THEIR CHRISTIAN VALUES

The history of the Founding Fathers and their Judeo-Christian values is fiercely debated between historians and scholars. Through the intricate

examination of their personal documents, volumes of correspondence, professional works, biographies, The Declaration of Independence, The Constitution, The Bill of Rights, and other novellas written during and after the Founding Era, it is quite clear and conclusive how the majority of the Founding Fathers were devout Christians. They lived out their faith through their actions, seeking to implement their religion in the development of the United States of America. This project will examine the lives of these Founding Fathers and ascertain the true nature of their religious ideologies, core system of beliefs, and actions taken in their personal and professional lives that shows how they sought to implement Christianity in the development of the United States of America as a whole.

CHRIS CAMIC

University of Louisville

THE ENGLISH CHURCH IN THE WARS OF THE ROSES

The Wars of the Roses was a time of turmoil in England, in particular to the upper ranked within society. Most of the upper ranked members of the church came from the most powerful families in England. Churchmen involved with the conflict sided with various different over mighty subject for a variety of reason: their own self-betterment, what they felt was good for the church at large, and familial allegiance of a given clergymen due to blood relations. The church was not behind either faction in a uniform way, but instead the clergymen that made up the church attempted to survive the conflict and acted on an individual basis to achieve that goal.

KATIE VALIN

Birmingham-Southern College

W.E.B. DU BOIS AND RELIGION: THE TRUTH BEHIND DU BOIS AND HIS FAITH

The complicated nature of W.E.B Du Bois's spirituality has always left historians in disagreement concerning Du Bois's religious stance. Through an analysis of these opposing historical perspectives in combination with Du Bois's own literary works and personal encounters involving faith, it becomes clear that Du Bois's primary concern with religion dealt with its functionality. Du Bois's attitude towards faith fluctuated with whether the Church was encouraging or inhibiting the promotion of his main objectives: democracy, truth, and human rights. This new perspective of Du Bois and his religion suggests Du Bois's spiritual identity models humanism, and demonstrates the innovative and unique philosophy and form of

activism Du Bois promoted in a time when religion heavily influenced the outcome of societal progression.

Kentucky Ballroom D

MARIA CABANE

University of Arkansas at Pine Bluff

THE PERSONALITY PROFILE OF TEEN TENNIS

This research study analyzes the motivational styles and personality profiles of athletes. Specifically, the research focuses on the Personality Profile of the Teen Tennis group of the 2012 summer camp at The Tennis Academy at Harvard. A Big Five Personality Test was used to determine the teenagers' personality traits. The goal was trying to find some common characteristics within the campers in the Teen Tennis group, also known as the "Rookies." The results showed that there were some personality traits that are related. Those personality relations between campers are what make Teen Tennis a group where improvement along with motivation is present during the weeks of camp. This research was valuable for determining the motivational level of campers according to their personalities.

HOLLIE PARRISH, LAREN HEATON, PH.D., RUSSELL GRIFFIN, PH.D., DESPINA STAVRINOS, PH.D.

University Honors Program, University of Alabama at Birmingham

RELATIONSHIP BETWEEN COMMERCIAL TRUCK DRIVERS' SELF-EVALUATION OF DRIVING EXPERIENCE AND SKILL AND DRIVING SIMULATOR PERFORMANCE

The objective of this study was to compare commercial motor vehicle drivers' self-reported driving experience and skill with simulated driving performance. Previous studies involving older adults and teenagers have revealed a significant mismatch between perceived and actual driving ability. However, the relationship between self-evaluations of commercial drivers and driving performance is currently unknown. Fifty drivers (ages 21-65) were asked to complete a self-report questionnaire of driving ability and skill and a driving simulator task. Results indicated that commercial drivers who rated themselves as "very experienced" and "very skilled" demonstrated 9% and 15% more violations (measured by speeding, tailgating, lane deviations, and collisions) respectively than those rating themselves less experienced or skilled. This work supports the idea

that awareness of driving ability moderates driving skill and safety for even professional drivers. Driving simulators may prove as useful tools in raising drivers' awareness and consequently, contributing to greater road safety.

Place

RAMI BLAIR

Morehouse College

HE WASN'T MAN ENOUGH, OR WAS HE?: SYMBOLIC EMASCULATION IN LITERATURE ACROSS TEMPORAL AND CULTURAL BOUNDARIES

The conceptualization of the ideal male manifests itself in literature from all cultures and times. This paper seeks to prove that that the status of "ideal male," as constructed primarily by feminine Eros, represents the greatest form of emasculation across literary temporal and cultural boundaries. In doing so, it proposes a new perspective on the ideal male's characterization by applying a new lens of inquiry, symbolic emasculation, and by proposing that this new lens highlights a critical commonality among the ideal males as represented in three different texts: *Les Liaisons dangereuses*, *The Sun Also Rises*, and *Things Fall Apart*. Each textual representation of the ideal male is analyzed using psychoanalytic methodology and literary deconstruction with sensitivity toward the applicable temporally-specific cultural norms. A comprehensive analysis of current academic literature is provided; familiarity with the texts is assumed.

NICOLE DROWN

Winthrop University

MEN, MONKEYS, AND LAP DOGS: THE EMASCULATION OF MEN IN POPE'S *THE RAPE OF THE LOCK*

Scholars have argued that the England in which Pope sets his *Rape of the Lock* is patriarchal—that its women are submissive, cherishing beauty as their only power. However, there has been little examination of the emasculation of the mock-epic's male figures. Although it would seem that men rule Pope's England, a closer reading reveals that Pope's men are ultimately powerless to affect their society. They have achieved their supposed privilege only through emasculation, and, in doing so, fail to accept any responsibility for their society. Interpreting castration as entrance into Lacan's symbolic order, I argue that the Baron, the courtiers, and the sylphs are symbolically emasculated when they fail to accept the difference between male and female and, in doing so, reject their masculine

identity. In addition to the mock-epic's obvious political purpose, *The Rape of the Lock* illustrates the perceived challenge “foppery” presented to 18th-Century British masculinity.

Show

JOSHUA OWENS

Winthrop University

POPULATION GENETICS OF THE GREENFIN SHINER

Cyprinids constitute the largest family of fish in the world and, with nearly 2,400 species known worldwide, they show extraordinary genetic diversity. Many studies have focused on the adaptive radiation of the Cyprinids to discover the evolutionary relationships between the members of the family. Previous investigations have analyzed some combination of the cytochrome b gene, cytochrome c gene, RAG 1 gene, or ND genes, all of which are crucial for mitochondrial health. Such genes are critical for the survival of the organism and changes between populations in their makeup should be few. Thus, any unexpectedly high variation in these types of genes between populations would likely indicate not separate populations but actually different species.

We plan to genetically analyze the Satinfin Shiner (*Cyprinella analostana*) and the Greenfin Shiner (*Cyprinella chlorista*), two closely related fish that live throughout South Carolina. Based on previous field work, it is clear that either the Greenfin Shiner shows more variability than is typical of other Cyprinids, it hybridizes with the Satinfin Shiner, or that it is actually two different species which are difficult to distinguish.

BEN WEAVER

Greenville Technical College

RESEARCHING PHYLUM TARDIGRADA

The Phylum Tardigrada consists of terrestrial and aquatic species that are closely related to arthropods. Some of the terrestrial species have the ability to withstand extremes of temperature, pressure, drought, and radiation due to hibernation like form they recede into during hard times. Studying these organisms has helped isolate DNA preservation techniques and could lead to engineering ultra resistant protective suits for humans or even genetic engineering to make species more resilient.

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MEREDITH ECKSTEIN, MARINA KIRTLAND

Morehead State University

GENE EXPRESSION IN NATIVE SUNFISH AS A BIOMARKER OF CONTAMINANT EXPOSURE

Biomarkers are effective monitoring tools, allowing researchers to assess physiological responses to pollution thereby contributing to both pollutant detection and an understanding of the biological significance of contamination. Previously, we examined the expression of pollutant sensitive genes in zebrafish (*Danio rerio*) caged in either a reference area or in effluent or effluent-receiving stream water emerging from the Paducah Gaseous Diffusion Plant (Paducah, KY). To expand this study, we collected resident longear sunfish (*Lepomis megalotis*) and green sunfish (*Lepomis cyanellus*) from both reference and effluent receiving sites for evaluation of hepatic gene expression. We are isolating and sequencing some of the biomarker genes examined in other organisms and are currently conducting gene expression analysis in the native sunfish. These results provide valuable information linking contaminant levels to biomarker response in resident fish, and remove variables associated with using non-native species in cage studies.

Skybox

JESSICA BAILEY, ZACH MARSH, SCOTT TREECE

Arkansas State University

#OVERLYHONESTMETHODS: A LOOK INTO THE "GLAMOROUS" LIFE OF AN UNDERGRADUATE LABORATORY RESEARCHER.

The life of a laboratory researcher is not always glamorous. We will explain our journey as undergraduate researchers by sharing our individual and collective accounts of mistakes and surprises in our research. We will also discuss how this unpredictability is a fundamental part of science. Mishaps in our laboratory research have taught us, not only more about our projects, but also bigger life lessons on the path of striving to be the greatest.

KATHLEEN KING

Hillsborough Community College

STRIVING FOR COMPLETION: COMMUNITY COLLEGE HONORS ADVISING

Ask any academic advisor at any institution and you will find student questions and primary concerns run the gambit from scheduling, what program to pursue, appropriate career choice, to how to pay the bill. Advising honors students at a community college has special challenges that range from scheduling appropriate and timely honors courses to ensuring pre-requisites are met for seamless transfer to four-year institutions. Typical advising needs are pressurized through time constraints leaving little room for error. Student issues increase when adaptation to a new learning environment practically coincides with preparations to transfer. These and other issues will be addressed, peppered with candid discussion with attendees.

12:00 pm–1:30 pm

SRHC Executive Committee Meeting—2nd Level Board Room

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