

Honors on the _____
BOULEVARD

Great Plains Honors Council Conference
March 30 - April 1, 2012





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Welcome!

On behalf of the Great Plains Honors Council, this year's conference planners would like to welcome you to the annual GPHC conference. We hope you have a wonderful time as you attend sessions highlighting student work, and we encourage you to take the opportunity to explore your environs as time permits.

The theme for the 2012 conference is "Honors on the Boulevard". The theme speaks to the location of the co-host campus, Johnson County Community College, as well as the Doubletree Hotel, both located on College Boulevard in Overland Park, KS. For conference planners, the term *boulevard* invokes images of the scenic parkways in the Kansas City area, including Gladstone Boulevard, Ward Parkway, and other picturesque areas in this "City of Fountains". It harkens back to an earlier era, to a slower pace of life than that currently experienced on College Boulevard. With a nod to that time, we planned an old fashioned ice cream social for Friday evening. We encourage you to browse among the posters and visit with colleagues and fellow students while enjoying a treat of your own design.

We hope to continue the focus and appreciation of an earlier era with a Saturday afternoon visit to the WWI Museum or the Nelson-Atkins Museum of Art, both renowned cultural attractions in Kansas City. The Nelson-Atkins currently features its world-class collections, as well an exhibit of Rodin sculptures, and the newly-renovated Chinese Galleries. The current exhibition at the WWI museum is titled, *Man and Machine: The German Soldier in World War I*. This exhibit brings viewers the perspective of the German soldier during the Great War.

The term *boulevard* also brings to mind images of neighbors visiting on front porches or sidewalks. We envision conversations centered on the weather, always a popular topic in the Midwest, or sports. With that in mind, we arranged for two award-winning entertaining speakers for plenary sessions who are experts in both of these areas, a meteorologist and a leader in the Kansas City Royals baseball organization.

Our hope is that this conference will afford participants an opportunity to meet new people and the time to get acquainted. We will learn from each other as we acknowledge the important role of Honors in our lives.

Pat Decker – Johnson County Community College (JCCC)
Virginia Brackett – Park University
Silvia Byer – Park University

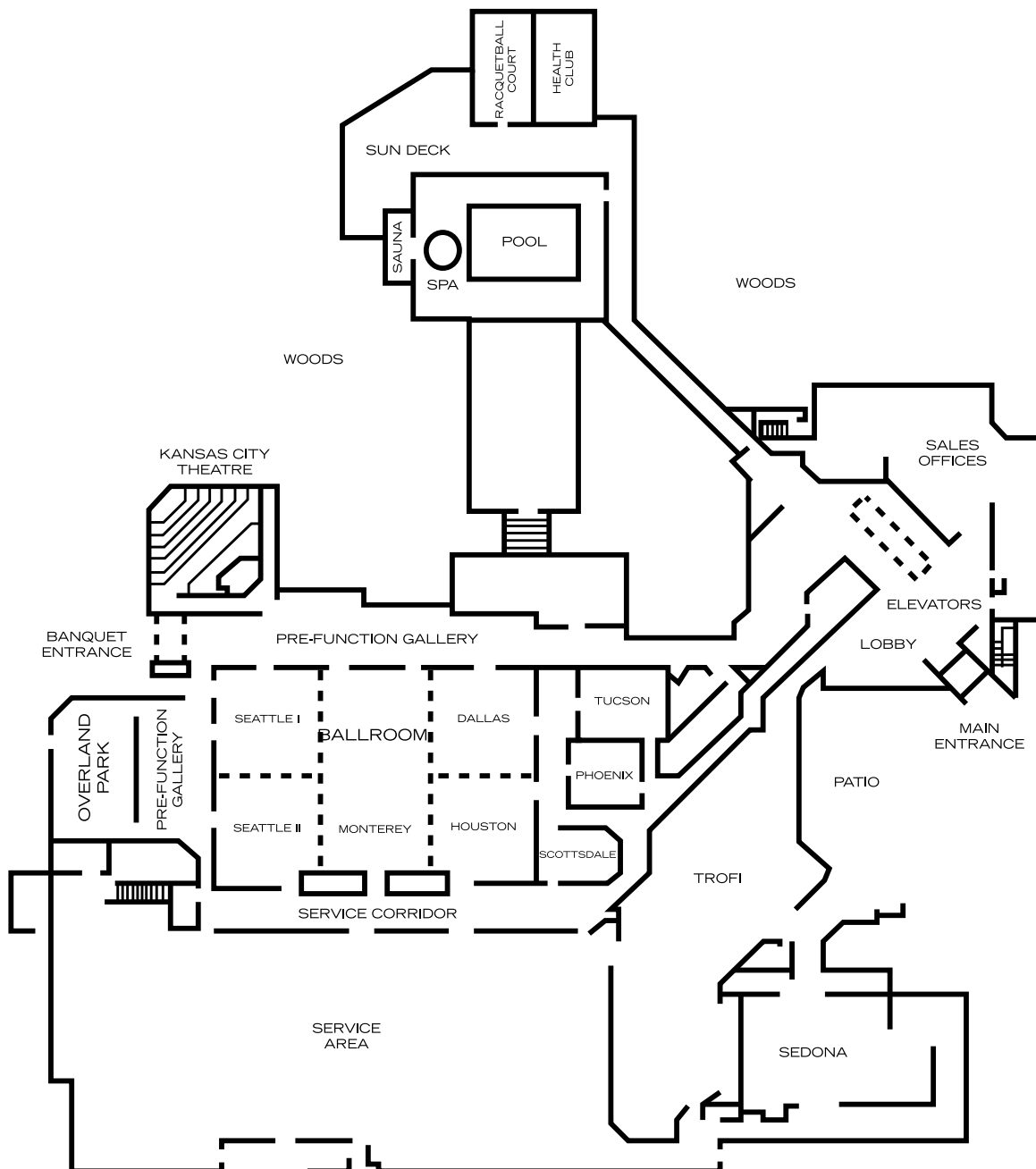
Special thanks go to JCCC's Marilyn Rhinehart, Chief Academic Officer and Executive Vice-President for providing venue transportation; Client Services Department; Business Office; Document Services; and Mary O'Sullivan and Adrian Swan for providing audio-visual equipment. Thanks also to Park University Graphic Designer Fred Rohrer for assistance with the program design and format. Finally, we thank our students and administrative assistants for their help during conference preparations and registration.



Meals, Housing, and Conference Presentations take place at:

Doubletree Hotel
10100 College Boulevard
Overland Park, KS 66210-146
913-451-6100

Attendees staying at the hotel will receive full buffet breakfasts for each paid night.





Plenary Presentations

March 30 – Toby Cook

Toby Cook is in his fifth full season with the Kansas City Royals as Vice President-Community Affairs & Publicity, following a 20-year career in broadcasting. Cook oversees public and community relations for the team, including player and staff appearances, partnerships with civic organizations, and Royals Charities. Prior to joining the Royals, Cook spent 15 years as a news anchor and reporter at four television stations, including WDAF-TV in Kansas City. Prior to joining WDAF-TV, he was a host and co-producer for the morning show at WSET-TV in Lynchburg, Va., where he was named the area Broadcaster of the Year. He also co-hosted and produced the area's first morning news broadcast at KOAM-TV in Pittsburg, Kansas.

In addition, Cook has taught college-level broadcasting classes and has experience in sports play-by-play and other free-lance announcing. He has also reported for several radio stations and newspapers. Cook graduated from Pittsburg (Kansas) State University (PSU) in 1990. In 2010, he received the Outstanding Alumnus Award from PSU. He lives in Overland Park, Kansas with his wife, Barbara, and children Adam, Molly, Annabelle, Andrew, and Caroline.

March 31 - Bryan Busby

Bryan Busby began his career as a TV weatherman at the age of age 17. In 1978 he began working at KTVI, Channel 2 in St. Louis. Though only an intern, he was on the air after eight weeks at the station as the weekend weathercaster. He remained in St. Louis for eight years before joining KMBC 9 NEWS. Coming to KMBC 9 NEWS in 1985, Busby quickly established himself as Kansas City's leading meteorologist. He serves as Chief Meteorologist for KMBC 9 NEWS, as well as for Carter Broadcasting, providing weather reports on radio station KPRS, Hot 103 Jamz. Bryan was awarded the prestigious 2010 "Meteorologist of the Year" award by the American Meteorological Society.

Bryan's performing is not limited to television. He is also the principal timpanist for the Civic Orchestra of Kansas City, and he has performed with the Kansas City Symphony, the Kansas City Percussion Quartet, and the Moody Blues (at Verizon Amphitheater). He has also been a private timpani instructor to many of the area's best student musicians. In addition to performing and teaching, Bryan acts as Principal Guest Conductor of the Kansas City Youth Symphony, having conducted that group in Yardley Hall at Johnson County Community College, Kemper Arena, the United States Pavilion at the 1992 World's Fair in Seville, Spain, and most recently in Carnegie Hall in New York City. Besides his Youth Symphony activities, Bryan and has appeared as guest conductor at area symphonies, community orchestras, bands and high schools.



**Honors on the Boulevard
2012 GPHC Conference
March 30 - April 1**

Meals: Buffet breakfast is available only to hotel guests. All other meals are available to all who registered for the conference. Please take only *one* box lunch on Saturday.

Saturday events: Buses depart for Saturday afternoon attractions promptly at 1:30. Buses return promptly at 4:30. Those who miss busses must return on their own. The Nelson Atkins Museum entrance is free; special exhibits are available for a fee. WWI Memorial tickets must be purchased at the time of registration for \$8.00.

Conference at a Glance

Reminders: Sessions are 50 minutes in length

- Boe Award Presentations – 12-15 minutes each
- 3 person presentations – 10-13 minutes each
- 4 person presentations – maximum 10 minutes each
- Q&A – 10 minutes

Hospitality Room for breaks: 1520

March 30

noon-7PM - Registration– receive packets, **purchase \$8 tickets for WWI Memorial**

Saturday Tour

2-5PM Shuttles to Johnson County Community College from hotel

2-6PM Poster set up: Ballroom

6:30-7:45PM Awards Banquet (Boe Awards) and Speaker: Monterrey Room (Ballroom)

8:00–9:00 PM Poster Display: Monterrey Room (Ballroom)

8:00–9:00 PM Ice Cream Social: Prefunction Gallery

March 31

6-9AM - Buffet full breakfast for hotel guests

7-8:30AM - Registration

8:30AM – 12:20PM – Conference Presentations (see Hotel Map for room location)

12:00 – 1:00 – box lunches for registered participants

1:30PM – Bus pick up for transport to Nelson Atkins Museum and WWI Memorial (purchase tickets for WWI Memorial at registration)

4:30 – Bus pick up at Nelson Atkins Museum and WWI Memorial for return to hotel

6:30 – Banquet and Speaker

8:00 – Closing remarks

April 1

6-9AM - Buffet full breakfast for hotel guests

8:30 – 9:30AM – GPHC Membership Meeting – Overland Park Club Room

9:30AM – Farewell until 2013!



**POSTERS SESSION – FRIDAY NIGHT FOLLOWING THE BANQUET
PRESENTERS SET UP POSTERS 2PM – 6PM ON FRIDAY**

Connor Alford-East Central University — Poster #1

What about Abortion Laws: State Policy Making within the Casey Federal Framework

This project seeks to arm the public with the information it needs to make a pragmatic difference in their state's policy on abortion within the federal framework of abortion law by identifying those factors which have a real world impact on the relevant legislation.

Shaheena Anene-Angelo State University — Poster #2

Survey of Household Kitchen Supplies for Enteric Bacteria

This study seeks to compare the bacterial contamination related to various dishwashing materials. Samples were collected from dishcloths, kitchen sponges, and dish brushes. Staphylococci-like gram positives were isolated from dishcloths, enteric gram-negative rods were isolated from the kitchen sponges, and no colonies were isolated from dish brushes.

Laura Baker-Neosho County Community College — Poster #3

What Role does Culture Play in Communication?

Why is communication so complicated? My research shows that language barriers, different word meanings, and cultural differences play a huge role in communication due to the diversity of those we communicate with at NCCC.

Kamila Bell-Midwestern State University — Poster #4

Population Growth - A Potential Global Issue

Due to technological advancements and improved standards of living over the last two centuries, the world population continues to multiply. Many countries of the world, particularly developing countries, find this phenomenon troubling. Population growth is being associated with economic, political, and environmental problems. Researchers believe that if population growth is not properly managed, it may evolve into a major global issue.

Omar Berumen-University of AR - Little Rock — Poster #5

Governments and Hackers: Military and Intelligence Operations in Cyberspace

This paper investigates the state of affairs with respect to military doctrine and what is now called "network warfare". It explores the precedents of using the internet militarily and it attempts to explain its historical underpinnings.

Meagan Blanchard-Neosho County Community College — Poster #6

Social and International Media Has Had an Effect on the Recent Arab Spring Uprisings

This poster attempts to illustrate, through collected data from sources and figures, that the Arab Spring has been facilitated by recent technological advances in social media applications specifically the internet and cell phones. The regimes no longer control the flow of information.



POSTERS SESSION (continued)

Jacob Brantley-Northeast Texas Community College — Poster #7

Perils of Progress: The Rise of the Texas Medical Center

The field of medicine, as shown by my study of the world's largest health conglomerate-- the Texas Medical Center in Houston, has begun to witness of series of ironic developments. Successful innovation is followed by disappointment. Scale, innovation, and specialization lead to problems that overshadow benefits they were meant to provide.

April Childs-Hutchinson Community College — Poster #8

Electrophysiology of Muscle Contraction

This study illustrates the muscle tissue difference between active and non-active individuals through the findings from experiments using physiological monitoring equipment performed on test subjects ranging in age and athleticism. The results allow for further understanding of what often unknowingly takes place in our body with every movement we make.

Randi Gilmartin-Neosho County Community College — Poster #9

The Great Depression

The Great Depression was a time of worldwide depression. Following the crash of the stock market, the U.S. experienced bank failure, loss of employment, increased suicide and death rates, and increased poverty. Franklin Delano Roosevelt played a significant role in rebuilding America and pulling the country out of the depression.

Jeffery Heppler-Neosho County Community College — Poster #10

What Is On Your Campus? Revealing the Unexplored Neosho County Community College Campus (Ottawa)

Walking down the hill to the east or south of the new campus building, few realize that there is a whole other world to be explored right here on the NCCC Ottawa campus. There are many mysteries tied to this piece of land and I spent fall of 2011 trying to answer questions about its history and environment.

Corinne Holloway-West Texas A&M University — Poster #11

Religious Iconography during the Reformation

This poster deals with how the Protestant Reformation affected religious art. The main body of this paper is the exploration of the Reformation and the Counter-Reformation as it relates to beliefs about, and definitions of, suitable religious iconography or iconoclasm; including both justifications and condemnations of icons themselves. However, sections are also spent upon the differences between icons and other works of art."



POSTERS SESSION (continued)

Robin Jacobs-Neosho County Community College — Poster #12

Harriet Tubman: Slave or Leader?

Tubman's childhood and work as slave in Maryland helped her develop leadership skills. This paper will show that she was an honorable person, lived life as a slave respectfully and worked hard to better herself and her family. Harriet Tubman came to view herself as a free black woman rather than a slave for valid reasons.

Allen Johnson-Neosho County Community College — Poster #13

The Dualistic Leadership of Martin Luther King, Jr. and Malcolm X

Leaders share many similar characteristics, but they develop those characteristics in different ways. Martin Luther King Jr. and Malcolm X are a great example of two men who led very different lives but were both excellent leaders.

Allen Johnson-Neosho County Community College — Poster #14

Kashmir: A Restless Region

When the Indian sub-continent split into two countries (India and Pakistan), 562 princely states were not necessarily a part of British controlled India. These small territories had the option of joining India, Pakistan, or remaining independent. Most of the states transitioned to one of the two countries without difficulty, but Kashmir was the exception.

Rachel Kauffman-University of Missouri Kansas City — Poster #15

An Examination of Adolescent Fathers' Young Adult Outcomes

This study used nationally representative data to investigate the effects of adolescent fatherhood on young adult outcomes. Adolescent fathers and adolescents who experienced a pregnancy that ended in a miscarriage were compared in the following outcome areas; educational attainment, socioeconomic status, depression, and delinquency.

Lezley Lawson-Emporia State University — Poster #16

Classical Regression vs. Modern Regression: Model Selection Techniques

Two regression models were selected, one with a classical model selection technique and the other with a modern model selection technique, and used to predict and analyze unemployment rates. Both models were examined, and the performances of the models were compared.

Megan Lewis-Angelo State University — Poster #17

Effect of the BIG exercise protocol on gain in person with early or mid-stage Parkinson Disease

An individual with PD usually takes small, slow steps with minimal arm swing and trunk rotation. Benefits of the BIG exercise protocol on gait in a person with early or mid-stage Parkinson Disease will be determined by taking clinical outcome measures before, during, and after a four week BIG intervention.



POSTERS SESSION (continued)

Binhong Lin-Angelo State University — Poster #18

The Use of Polypropylene as a Support for Catalysts/Reagents

The purpose of this project is to synthesize recyclable homogenous catalysts by anchoring the according catalysts to the non-polar polypropylene, a versatile polymer that is stable under most reaction conditions. Recycling the catalysts by applying the established method of liquid/liquid recovery will decrease production cost and reduce waste.

Chase McIver-Emporia State University — Poster #19

Native to Non-Native Conversation: Practical Advice

As a student who did a semester abroad, conversations with people of different native languages occurred daily, and the variety of languages encountered was always a surprise. Because of this, I looked into the difficulties that exist with inter-lingual communication, and the types of modifications people make to their speech.

Haylee Merrill-Neosho County Community College — Poster #20

The Evolution of LGBT Rights

Throughout the history of lesbian, gay, bisexual, and transgender (LGBT) people, they have received an enormous amount of discrimination from people and lack many of the same rights that are granted, without question, to heterosexual people. LGBT individuals must have activists on their side visible in the media and politics.

Esteban Montemayor-West Texas A&M University — Poster #21

In Vitro Phenotypic Characteristics of Peritoneal Macrophages Containing Clofazimine Crystals

Peritoneal macrophages were cultured *in vitro* and treated with clofazimine to observe any intracellular formation. The macrophages were then observed under an epifluorescence microscope to identify the different properties the macrophages had with the clofazimine inclusions.

Mary Newport-East Central University — Poster #22

The Evolution of Newspapers

Newspaper sales are declining and it looks as though the era of journalism is coming to an end, but all is not lost just yet. Newspapers can survive if they are willing to adapt to the desires of readers. This paper outlines steps newspapers must take to evolve and survive.

Emily Parker-Northeast Texas Community College — Poster #23

From Red Flag to White Hat: The Decline of Racism in Texas 1836-1956

It has been said that though some kill for racism, few die for it. My paper shows the decline of racism in Texas from 1830 to 1950. Two important baselines are discussed— the ethnic cleansing of President Mirabeau Lamar, and Texas' treatment of aliens during World War II.



POSTERS SESSION (continued)

Michelle Pogue-West Texas A&M University — Poster #24

Strong Leadership in the Organization: Leader-Member Exchange Theory in the Hospital Setting

I spent time volunteering at Wesley Hospital to observe the relationship between leaders and members. According to the Leadership-Member Exchange Theory, members who have interpersonal relationships, professional respect, contribution, and loyalty with the leaders are more likely to have a competitive advantage over the members who do not. In my observations, I found this theory to be true.

J Jesus Rivera-Northeast Texas Community College — Poster #25

Tragic Fixation: Indian Spirituality before the Fall

'Tragic Fixation' refers to the tendency for Indian holdouts to remain obsessed by their religions at a time of ratcheting change. My essay shows that one characteristic of all Indian holdouts was their tendency to become more spiritual. Their embrace of spirits instead of technology sealed their fate.

Abigail Roth-John Brown University — Poster #26

The Impact of Perceived Stigma on Hope in Persons Living with HIV/AIDS

HIV/AIDS is a disease that tends to affect an individual's body and social sphere. This study seeks to integrate experiences of hope as they relate to experiences of stigma in persons living with HIV/AIDS. Through semi-structured interviews, three themes emerged: importance of peer connection, consistent presence in relationships, and hope in giving back.

Bailee Russell-Rose State College — Poster #27

The Effects of BAVD on the Human Cardiovascular System

Bicuspid Aortic Valve Disease (BAVD) is a rare but serious illness that affects the tricuspid (aortic) valve of the heart. Normally, the tricuspid valve has three cusps, but a heart affected by BAVD has only two, preventing blood from circulating through the body as well as it should. Awareness of this disease is of great importance.

Maryann Elizabeth Scroggins- Rose State College — Poster #28

Exploration of Gray Wolves: History and Modern Concern

This project examines gray wolves. The current eradication of gray wolves from North America by humans will cover historical anti-wolf mentality, economic effects, wolves' role in the ecosystem, ecological information, and the effects of their absence. Furthermore, it compares the pros and cons towards hunting wolves in the United States.



POSTERS SESSION (continued)

Cherryl Seard-Rose State College — Poster #29

The Women of Egypt

Three ladies scorched the pages of history. The residue of their fire still lingers as it encapsulates the unknown of the modern day and time to follow the scent of their smoke and discover who they were: Cleopatra the deceptive queen, Hatshepsut the faceless queen, and Makeda the nameless queen.

Elizabeth Shaffer-Rose State College — Poster #30

Semiotics: An Overview

Semiotic awareness and understanding helps expose the meaning that is inherent in every word, sentence, speech, work of literature, form of art, architecture, cinematography, dramatic theater, fashion, hairstyle trends, perfumes, musical compositions, video games, sports, all forms of entertainment and leisure activity of human beings.

Mariette Smithen- Midwestern State University — Poster #31

The Contribution of Francisco de Goya to Spanish Art

At the close of the Baroque period, new ways of expressing thoughts and sentiments were well sought after. Francisco de Goya responded with a series of expressive, brazen paintings, etchings, drawings, and frescoes, which extended over a sixty-year period.

Alexander Stearns-Missouri Western State University — Poster #32

What Makes It “Honors?”: An Analysis of the Collegiate Honors Experience with Regard to Thoreau’s Philosophies on Independent Thinking in Walden

Scholars across multiple disciplines want to know what makes a collegiate course “Honors.” Since taking Honors courses in English, literature, philosophy, and psychology, I have learned to value independent thinking, realizing that education’s purpose is not to instill rigorous academics but to highlight the unique potential of the human experience.

Bobby Joe Trail-East Central University — Poster #33

Food Price Shocks and Political Unrest

This research examines the fact that when the price of food increases rapidly some countries experience events of political unrest and some very similar countries do not. Furthermore, this research explains how various factors contribute to the likelihood of events of political unrest and ways to prevent them.



POSTERS SESSION (continued)

Danielle Wilson-John Brown University — Poster #34

Desire and Dilemma: A Study on the Relationship Between Sexuality Education, Participation in the Social Purity Movement, and Spirituality in College Females.

The Social Purity Movement and Abstinence-Only Sexuality Education are not having a long-term effect on the pre-marital abstinence of Christians. However, by studying and discussing a population of Evangelic undergraduate females, this presentation provides new insight on why purity pledges may not be affecting the statistics.

Peter Wolken-Neosho County Community College — Poster #35

Japanese Art and Daily Life

“Japanese Art and Daily Life” was inspired by interest in art and Japan. Art can be seen in almost everything the Japanese do. Architecture in temples and houses was made to lead the eye from one area to the next. Bonsai pots are made with specific ratios for artistic balance. Kimonos have beautiful colors and prints for each season of the year.

Group Presentation — Poster #s 36-38

Dr. Nathaniel Wiggins - San Jacinto College

Unlocking the Kinect

Using open-source resources and algorithms that they create themselves, the students were asked to design new uses for the Kinect through the pc. Using the Kinect and their scientific skills, the students are each creating uses for binocular disparity and infrared imaging algorithms for commercial and educational purposes.

Pedro Gonzalez, Cody Pannell — Poster #36

Robotic Car

A robotic car will be developed from basic components. This car will be controlled through the Kinect. A complete mathematical model of motion and orientation will be provided, including simulations and analytical computations.

Chow Tran, Adrian Soliz, Michael Norman, Ryan Page — Poster #37

Robotic Controls

Robotics will be controlled via Kinect, presented with appropriate mathematical models. Motion control and voice activation will be presented through NXT kits. Sensor data will be presented along with models, including a 5 dimensional model for 3 dimensional motion.



POSTERS SESSION (continued)

Gaby Macias/Conrad Ramquist/Jarrett Lockridge/Angela Perkins/Jackie Castro — Poster #38
Virtual Workspace

Virtual workspaces will be explored through various means. A statistical analysis will be provided to determine the distribution of placement data for the Kinect. Interpolation of data received through the sensors will allow computation within the workspace while a whiteboard will be created through NXT pressure sensors.

Chelsye Garrett – University of AR – Little Rock — Poster #39

Vir Haar

Vir Haar is a collaborative art installation that uses 55,000 red paper poppies to transform a gallery space into a visual representation of statistical data associated with rape and “corrective rape” in South Africa.



Session Presentations – March 31 – 8:30 – 12:20

BOE AWARD PRESENTATIONS

9:30-10:20 – Session 2, Group 1 **KC Theater - Fewer than 60 hours completed**

Lynna McGuyer- Lee College
The Agitators of Huntsville, Texas

Caleb Shaver-Lee College
All Quiet on the Western Front: The Grim Reality of War

Isaac Griffin-Northeast Texas Community College
Evangelical Impact on the Political Realignment of Texas

10:30-11:20 - Session 2, Group 1 **KC Theater- 60 hours or more completed**

Christina Wagoner-Texas Women's University
"The Crown of England's Title to America": Theophilus Evans' Use of Welsh Indians in British Political and Religious Propaganda

Miki Katuwal-Park University
Enumeration of Escherichia coli in Lake Waukomis, Platte County, Missouri

Mollimichelle Cabeldue-University of the Incarnate Word
Predictive Factors of Relationship Self-Efficacy In Undergraduates

FIRST SESSION 8:30 – 9:20

ROOM – KC Theater

Session 1 Group 1

Dillon Rockrohr-Johnson County Community College

Expression and Existence

Salvador Dali and Piet Mondrian were two artists who created work during the period known as the Age of Anxiety. Each affiliated with different movements: Stijl and Surrealism. These artists were influenced by the Age, and both left their mark on history as they attempted through their art to face the questions of life and existence.

Christine Rojas-Texas A&M International University

The Resurrection of Print Media: A Case for Cream City Magazine

In the midst of the seeming death of print media, a popular print magazine in the city of Laredo, Texas entitled, "Cream City" magazine might be finding new life. Through a content analysis investigation, the advertisement and feature stories of this publication were examined in an effort to discover how this publication seeks to stay alive.



Hannah Kingston-Northeast Texas Community College

The Purification Complex: Modern Campaigns to Suppress Art

Art is a measure of freedom and sophistication. But modern movements have conspired to suppress it. What I call the Purification Complex, initiated by the seventeenth-century Puritan movement of reform, combines monotheistic religious hostility, with political interests. The Purification Complex flourishes still today in North America and the Middle East.

ROOM – Seattle I
Session 1 Group 2

Amy Angell-John Brown University

U.S. Occupation of Haiti in 1915

This presentation explores the reasoning behind the presence of United States troops in Haiti starting in 1915. It analyzes the nation's motives as they relate to global events such as the First World War and investigates how newspapers portrayed the occupation to the American people.

Neil Bateman-Brazosport College

Marbury v. Madison: The Paradoxical Supposition of Power

The Supreme Court case *Marbury vs. Madison* established judicial review, but the intricacies involved provide a twist to the historic case. Chief Justice John Marshall shifted the *Marbury* argument to his advantage in creating judicial review, thereby creating perhaps the most powerful function of the present Court.

Kassandra Floyd -Alvin Community College

Unintended Consequences

Strategies planned by early civil rights leaders met with resistance from several segregationist groups, but the resistance produced unintended consequences for those on both sides of the Civil Rights Movement. By examining early strategies of the movement, King's "Letter from a Birmingham Jail," and segregationist reactions to the early movement, we can discover those unintended consequences.

ROOM - Seattle II
Session 1 Group 3

Mary Mason-Texas A&M University-Commerce

Possible Protein Interaction between Maspardin and ALDH18A1 in Mast Syndrome

HSPs are a family of neurological disorders characterized by weakness and spasticity of the lower limbs and sensory impairment. Mast syndrome is a complicated form of HSP likely due to loss of functional maspardin protein. Interactions between ALDH18A1 and maspardin are being studied using numerous molecular, genetic, and cellular techniques.



Giancarlo Hernandez-Lone Star College-Montgomery

Protein Synthesis and Muscle Development

Protein Synthesis and Muscle Development: A molecular analysis of the metabolic pathways for protein synthesis in the human body, and the effect of modern nutrition supplements used for high strength and athletic performance

M. Hunter Joyce-Texas A&M University-Commerce

Investigating Nogo-A and its Potential Role with Maspardin in Mast Syndrome

Hereditary spastic paraplegias (HSPs) are a family of neurological disorders defined by progressive spasticity and weakness of the lower limbs. One HSP, known as Mast syndrome (SPG21), is the result of a mutation in the protein maspardin. This study seeks to investigate if maspardin interacts with the protein RTN4A (Nogo-A).

ROOM - Dallas

Session 1 Group 4

Amber Renee' Cannon-East Central University

Comparative Analysis of the Tornado Outbreaks of April 3-4, 1974 and April 27-28, 2011: Deriving Population Exposure Fatality Rate Estimates Using Geographic Information Systems (GIS)

In an attempt to determine if tornado warnings have become more effective over time at reducing the number of fatalities, this project will explore how the fatality rates and population exposures of severe tornado outbreaks have changed over time.

Taylor Thompson-Lee College

The Waco Tornado of 1953: The Ironies, the Stories, and Remembering

The devastating Waco Tornado was very important in the creation of a national weather radar system to prevent death tolls like that ever again. This paper explains how a tornado affected a sleepy little town and the stories of some of those who experienced the storm.

Morgan Honnold-John Brown University

The Pedagogical Process: A Student's Venture into the Instruction Side of Higher Education

What would it look like if students were teachers? I will present my reflections as a student co-instructor of a university literature class. I will discuss the months of preparation and in-depth pedagogical inspection that I participated in, as well as my actual experiences in teaching.



ROOM - Houston
Session 1 Group 5

Andrea Good-John Brown University

Business in the Islamic World

Initiating business in the Islamic world requires cultural, religious, economic, and historic perspectives. Gaps in intercultural communication are filled with social understanding, bridging two distinctive civilizations. This study isolates the obstacles to intercultural communication and answers how an American multi-national corporation can prepare businessmen to succeed in the Islamic world.

Kristin Rockwell-Midwestern State University

The Evolution of Banking Regulations: A Trend of Consolidation and Power from the 1930s to Today

There has been a progression in banking regulation since the 1930s that has shaped our economy today. The evolution has centered on two main congressional acts, the Glass-Steagall Act and the Financial Modernization Act. Although these two acts accomplished opposite goals, they ultimately led to a cyclical problem in the banking industry called Too Big To Fail.

Erica Adkins -Angelo State University

Is Argentina A Safe Bet for Investors?

Although Argentina's economy and political atmosphere have greatly improved since the economic crisis of 2002, the country still faces loan defaults, inflation rate discrepancies, and less than desirable scores on various economic indices. These factors complicate Argentina's potential as a foreign investment option.

ROOM - Tucson
Session 1 Group 6

Addison Broberg-Oklahoma City University

The Reasons People go to Church: How Personal Income Affects Church Attendance

Are churchgoers relying on God or just the stability of the church? Using data from the U.S. Bureau of Economic Analysis, Oklahoma United Methodist conference over seven years, and a thorough literature review, we examined the correlation between per capita personal income and average weekly church attendance.

Yolanda Fay Elias-Angelo State University

The Evolution of Education: Examining Darwin's Influence on the Debate Between Science and Religion in Victorian England

Victorian England was fraught with controversial debate between scientists and classicists over the future of education. Scientists argued in favor of secular education, while classicists defended the moral value of tradition. Darwin's publication of *The Origin of Species* heightened religious tensions and, consequently, altered the direction of the education debate.



Jesse (J.D.) Newman-West Texas A&M University

Out of the Darkness and Into the Light? A Rhetorical Analysis of Rob Bell's Video for His Book Love Wins

This project is an ideological criticism of pastor Rob Bell's promotional video for his most recent book *Love Wins*. This analysis discovers the comparison of light and dark in both settings within the video and determines the ideology present is Bell's desire to expand the conception of Heaven and Hell.

**ROOM - Phoenix
Session 1 Group 7**

Sarah Coe-Alvin Community College

Emily Dickinson's Praise of Pain

Emily Dickinson illustrates pain as an immortal, crushing, and disorienting weight, but she also finds reason to praise pain. By analyzing a selection of her poetry, this research examines how Dickinson challenges the assumption that pain is always bad and explores her portrayals of happiness and suffering.

Beth Edmonds-Emporia State University

Human for a Reason

Young Adult literature is a powerful tool to showcase technology and its moral dilemma to future adults. Now that humanity can do something, should we? In "Human for a Reason," this dilemma is explored through James Patterson's *The Angel Experiment*, Gloria Skurzynski's *Virtual War Chronologs*, and Sonia Levitin's *the goodness gene*.

Tonya Lloyd-Alvin Community College

Social Perspective in Bessie Head's "The Prisoner Who Wore Glasses"

In Bessie Head's short story "The Prisoner Who Wore Glasses," life for political prisoners although not enjoyable, was at least predictable, until the arrival of the newest warder Hannetjie. Everyday activities take a turn when Hannetjie meets his match in the prisoner Brille. Both men discover that although from vastly different backgrounds, they are more alike than they ever would have believed.

**ROOM - Scottsdale
Session 1 Group 8**

Katy Miller-Oral Roberts University

"The Shape that Shuts Us In": Nudity and Self-Assertion in the Poetry of Sylvia Plath

Sylvia Plath struggled to shed the entanglements of patriarchal tradition that plagued her, and many of her poems are evidence of her battle to assert herself in her own terms. This essay deals with the relation of female nudity to self-assertion in four of Plath's poems.



Hannah Covington-Oral Roberts University

A Way with Words: Applying Speech-Act Theory to Shakespeare's Othello

Applying Austin-Searle's largely unexplored speech-act theory to the flashbacks in Shakespeare's *Othello* reveals characters' words constructing new realities, new possibilities of actions. Words create worlds—both real and imagined. Insight gained from applying speech-act theory in *Othello* generates an awareness of the creative power of words in other familiar texts.

David Edwards-Tulsa Community College

Man Metamorphosed: Herman Melville's Billy Budd

In Melville's *Billy Budd*, the eponymous Billy embodies human inexperience and virtue, which a coercive society subverts in favor of the established power structure represented by Captain Vere. The conflict between Billy's virtue and Vere's duty reveals the struggle of Man's actualization within a pragmatic society.

SECOND SESSION 9:30 – 10:20

ROOM – KC Theater

Session 2 Group 1

BOE AWARDS – Fewer than 60 hours completed

Lynna McGuyer- Lee College

The Agitators of Huntsville, Texas

Ha-You, an acronym for 'Huntsville's Action For Youth' formed in 1965, was a group of young people in Huntsville Texas who fought against racial discrimination. The sit-in's, stand-in's, protests and public demonstrations, are discussed and will show how one small group of individuals set a new course of 'equal treatment for all' in the Huntsville community.

Caleb Shaver-Lee College

All Quiet on the Western Front: The Grim Reality of War

In his essay entitled "The Grim Reality of War," the author explores the shadows that patriotism cast and the chains that war can place on a soldier. He uses Plato's "The Allegory of the Cave" as a lens to decipher Erich Maria Remarque's novel, *All Quiet on the Western Front*.

Isaac Griffin-Northeast Texas Community College

Evangelical Impact on the Political Realignment of Texas

Gandhi once said that those who believe that religion has no influence on politics do not know what religion is. My paper examines the Evangelical impact on Texas Politics since the 1920s. I show how religious leaders such as Frank Norris, W.A. Criswell, and Chuck Swindoll helped realign state politics.



ROOM - Seattle I
Session 2 Group 2

Lisa Mayhue-John Brown University

Control Issues: Comparing Chaucer's Knight with the Wife of Bath

In *The Canterbury Tales* by Geoffrey Chaucer, the solemn, battle-weary Knight and the flamboyant, garrulous Wife of Bath may appear to have nothing in common. Nevertheless, closer examination reveals both travelers utilizing the same means—role reversals, questions, introductions, and conclusions—to achieve the same end. That end is control.

Matt Keeler-Brazosport College

Hunter S. Thompson: The Father of Gonzo Journalism

This presentation analyzes the works of the late writer Hunter S. Thompson. Thompson's works can be viewed as enigmatic as his controversial life. His writings have intrigued readers and scholars with his trailblazing mix of works that blend fiction and non-fiction. In death, he has been elevated in literary circles.

Noelle Smits-Oral Roberts University

Romantic Expression of Emotion: Beethoven's Pathétique and Shelley's Frankenstein

This paper analyzes how virtuosic geniuses Ludwig Van Beethoven and Mary Shelley employ the unique techniques of their mediums in a characteristically Romantic fashion to portray similar emotional journeys in their respective works, the *Pathétique* and *Frankenstein*, while potentially providing prophetic critical insights into their pre-World War I society.

Melanie Wespetal-Oral Roberts University

Unworthy Words: The Politics of the English Dictionary

Choosing words for a dictionary has historically been a political act. Johnson wrote motivated by envy of the Italian and French national standards. The Urban and Devil's dictionary of modern society have questioned that standard's infallibility. This paper looks at the inherent politics in play the quest to define "English".

ROOM - Seattle II
Session 2 Group 3

Matthew Moudy-Midwestern State University

*Isolation of NADase from *Agkistrodon piscivorus leucostoma* venom*

This scientific presentation will focus on the three step purification process used to isolate and characterize the enzyme NADase from the venom of the Western Cotton Mouth, its importance, and the difficulties in researching NADase. Additional information will be presented about the progress of the research team and their findings.



Cassady Michelaina Hossenlopp-Angelo State University

Detection and Identification of the Dengue Virus that Tested Positive by ELISA but Negative with Conventional RT-PCR

As a major threat to civilizations in tropical and subtropical regions of the world, the research done on the dengue virus to improve detection in human serum is crucial to mankind. This study presents an analysis of the results depending on various clinical and laboratory factors.

Breonna Thomas-Park University

Cyclomorphosis in the Rotifer Keratella cochlearis

Plankton samples were studied in Lake Waukomis, Missouri from October 2010 to August 2011. The Rotifer *Keratella cochlearis* was observed and measured to determine if cyclomorphosis was occurring. Possible influencing factors were also recorded and it was determined that an incomplete cyclomorphosis was taking place among *K. cochlearis*.

Clayton E. Shepherd-Brazosport College

The Search for Neisseria meningitidis

This microbiology experiment focuses on the search for *Neisseria meningitidis*, a potentially fatal bacterium responsible for meningitis. The presentation illustrates the experiment's methodology, and the unexpected findings after the bacteria were tested in a controlled experiment.

ROOM - Dallas

Session 2 Group 4

Lauren Sommerfeld-Lee College

Ruiz v. Estelle: Rapid Reforms of the Texas Prison System

In 1972, David Ruiz, an inmate in the Estelle Unit of the Texas prison system filed a petition accusing the prison system of violating the Eighth Amendment. Prison officials denied all accusations except for overcrowding until investigators were able to prove otherwise. This case led to substantial reforms of the Texas penal system.

Nelson Zavo-Tulsa Community College

We Are Forgetting Something: A Limited Examination of the Magnitude of the Jewish Internment in the World War II Era, During the Nazi Occupation of North-Africa

Post-Holocaust Jewish history is marked by the words "Never Forget." Although the names of places such as Auschwitz and Treblinka can stir up terrible images in the minds of many, very few would react to the names of Tendirara and Qued Zem. This presentation will concentrate on identifying the Nazi concentration camps located in Northern Africa.



Matt Tintera-John Brown University

A Virtuous King

Whether or not a government—a ruler or a governing body—presides over the state justly largely depends on how it thinks about the virtues. In classic antiquity, one common view of the virtues was articulated by Aristotle in *Nicomachean Ethics*. However, competing views to Aristotelian virtue theory continued to arise within the disciplines of philosophy and politics.

**ROOM - Houston
Session 2 Group 5**

Hans A. Pasco-Tulsa Community College

Looking Back: Three Perspectives on the Vietnam War Era

A Hmong tribesman from Laos, a University of Arizona alumnus, and a U.S.A.F. veteran revealed in interviews broad perspectives of the Vietnam War. Each described sadness, educational journeys and irreversible personal changes associated with the Vietnam War, which irrevocably changed who they were and shaped who they are now.

Missy Luong-Midwestern State University

A Muffled Voice

The terrifying events of the Vietnam War will forever leave a stained, unforgettable mark in history. The story of the devastating war, the fall of a country, will unfold through the eyes of two Vietnamese citizens who lived through it all: my father and great uncle.

Brittney Spears-Lone Star College—North Harris

An Investigation of Language Choices

My research explores the various signs and gestures chosen by American Sign Language models when requested to interpret a silent movie clip. This study analyzes the influence of age, gender, and culture on language choices made and their effects on Deaf Culture.

**ROOM - Tucson
Session 2 Group 6**

Morgan Morris-John Brown University

Honors Program Gives Back

Honors Students are given many opportunities to be challenged and to learn on their college campuses, but what if we viewed those challenges and opportunities for learning as something that goes even beyond the classroom, that we could further experience by being actively involved in the world around us through service.



Caleb Ellicott-John Brown University

Men in Suits: Ethnography of Ozark Culture

This is an ethnographic study utilizing primary articles, field data and interviews to determine the culture of the Ozarks and what it says. I concluded that the Ozark culture exemplifies the common humanity of cultures and sub-cultures, even ones that are extremely diverse.

Michelle Campbell-West Texas A&M University

Bearing Witness and Caring Practice

Bearing witness is a nursing concept that is often overlooked in today's nursing education and practice. This means that a vital part of the nurse-client relationship is incomplete and the patient may be left feeling lonely, abandoned, and misunderstood. The importance of bearing witness in nursing is described in this literary review paper.

ROOM - Phoenix

Session 2 Group 7

Niki McGlaun-West Texas A&M University

*A Review of Epidemiology and Prevention Methods of Tuberculosis in the United States
Understanding the Prevalence of Tuberculosis in the Foreign-Born Population*

I have written a review describing recent epidemiological findings and current prevention methods of Tuberculosis (TB) in the United States. This review focuses on assessing how the prevalence of TB in the foreign-born population has affected the goal of TB elimination in the U.S. I will utilize PowerPoint to give an oral presentation of this review.

Anna Harris-West Texas A&M University

"Therapeutic" Child Abuse?

This study examines the validity of a controversial therapeutic model for helping emotionally challenged children. Called "holding therapy," this model has caused at least one child's death, but is still being used today. Through a review of literature on holding therapy, this therapy is demonstrated to be unethical and abusive.

Geoffrey Schuette-Sul Ross State University

Stick and Edge Numbers of Composite Lattice Knots

Upper bounds for the stick number and edge number of a composition of knots in the simple cubic lattice were established by Adams, et al. This presentation will include similar results for the simple hexagonal, face centered cubic, and two variations of the body centered cubic lattices. In addition, upper bounds for the composition of n trefoils are given for each lattice.



Caleb Khazoyan-John Brown University

Interface and Web Platform for the Presentation of Intellectual and Academic Content on Tablet Computers

Tablets such as the iPad provide an incredible opportunity for researchers, educators, and avid learners to dive deep into content like never before. This project proposes a new interface for presenting intellectual and academic content in a manner tuned to these devices in a departure from the traditional e-book format.

ROOM - Scottsdale

Session 2 Group 8

Amanda Williams-Lone Star College-North Harris

An Analysis of Sensation Seeking and Cultural Difference

This study analyzes cultural differences in sensation-seeking using Arnett's Inventory on Sensation-Seeking scale (AISS). College students and non-college students were given the AISS in both group and individual settings. Differences and similarities were compared in areas such as religious background, metropolitan origins, age, sex, and ethnic backgrounds.

Timothy Edgren-John Brown University

A Defense of the Coherency of Divine Incarnation

The very center of Christianity, and of the objections to it, is the claim that Jesus Christ is God incarnate. I argue that this claim is not necessarily incoherent, and provide several orthodox ways to defend and explain the doctrine of incarnation.

Trey Witzel-Oklahoma City University

The Categorical Imperative

Immanuel Kant's theory of the categorical imperative is based on looking at one's actions as a universal maxim. By treating every action as a universal law, it is possible to find the best course of action for almost every situation.



THIRD SESSION 10:30 – 11:20

ROOM - KC Theater

Session 3 Group 1

BOE AWARDS – 60 hours or more completed

Christina Wagoner-Texas Women's University

"The Crown of England's Title to America": Theophilus Evans' Use of Welsh Indians in British Political and Religious Propaganda

Theophilus Evans was a Welsh minister who never stepped foot in America; yet his writings influenced a generation into migrating to America to pursue new life and intrigue. Evans' article "The Crown of England's Title to America" perpetuated the Welsh Indian myth and established a connection between America and Wales.

Miki Katuwal-Park University

Enumeration of Escherichia coli in Lake Waukomis, Platte County, Missouri

In this study, the physicochemical parameters and the prevalence of fecal coliform bacteria in Lake Waukomis, Missouri was analyzed. Two out of ten sites in the lake exhibited higher fecal coliform bacteria counts after a rainfall. Findings suggested that residents should avoid any accidental consumption of the lake water.

Mollimichelle Cabeldue-University of the Incarnate Word

Predictive Factors of Relationship Self-Efficacy In Undergraduates

An important factor in establishing relationships is confidence in one's ability to complete behaviors supportive of the successful maintenance of relationships, or relationship self-efficacy (RSE). The present study investigated gender, self-esteem, jealousy, and attachment style as predictors of RSE in undergraduates. Self-esteem and jealousy were the only significant predictors found.

ROOM - Seattle I

Session 3 Group 2

Yatuya Young-Lone Star College-North Harris

A Hidden Truth: Hypertension in African American Communities

This project explores knowledge deficits regarding hypertension within African American communities by encouraging open dialogue with a group of African American men and women. The study reveals a need for improved health education as many African Americans do not realize they have hypertension until suffering an acute episode requiring hospitalization.



Sepideh Darbandi-Tulsa Community College

Health Disparities in the United States: A Continuing Challenge

Is inequality actually making the underserved sick? This presentation focuses on the challenging topic of health disparities in the United States, statistics that reveal the disproportionate burden of poor health status and premature mortality in the United States, and benefits of affirmative action regarding this issue.

April Sahagun-Brazosport College

Amyotrophic Lateral Sclerosis: A Personal Walk through the Prognosis of an ALS Patient

This study of Amyotrophic Lateral Sclerosis (ALS) involves the observation of one individual from onset, through diagnosis, to his present state as an ALS patient. These observations, as well as an overview of ALS, its symptoms, diagnosis, and present research and challenges will also be addressed.

ROOM - Seattle II

Session 3 Group 3

**Panel Presentation - Nicholas Beebe, Kayla Chambers, Conner Benton, Wesley Bench
Ozarks Technical Community College**

Pedagogy of Misadventure: The Importance of Allowing for Failure in Education

When students fail, we assume they aren't learning; however, failure and reflection are essential to learning. This presentation analyzes a collaborative inquiry project about current educational problems. We will offer the audience a new perspective on the educational process and specific strategies for improving both learning and teaching.

ROOM - Dallas

Session 3 Group 4

Toby Decker -Tulsa Community College

In the Beginning Was/Were Him/Her: An Analysis of Julian of Norwich's Book of Showings

Julian of Norwich was a fourteenth-century theologian, whose transgressive work, *A Book of Showings* challenges the medieval and modern reader to imagine a sexually ambiguous godhead. Julian's mystical writings may correlate with the spread of Christianity in the Americas, thus affecting contemporary Latin American culture and religious identity.

Ricky Harrison-McMurry University

Christian Ethics in African Colonization

This presentation provides insight into the effects of British colonization in Africa, analyzes what role the Christian Church played in justifying and solidifying the control of the British Empire over the African continent, and attempts to critique the ethical standards which the Church used to practice evangelism during colonization.



Kirstin Vanada-John Brown University

Hymnody of the New Testament

Fragments of the hymnody of the early Christian Church can be found throughout the Biblical canon of the New Testament. To truly understand those hymns, one must understand the cultural setting that influenced their creation and the purposes for which they were used in the Church.

ROOM - Houston

Session 3 Group 5

Samantha Simpson-Harding University

Crime and Gun Control: Is There a Connection?

A discussion of the statistical analysis of the relationship between gun control and state crime rates. Regression analysis tests were used to determine if the presence of gun carry permits, state high school graduation rate and poverty rate affect crime.

Victoria Bennett-John Brown University

The Rescue of Sex Trafficked Minors within the United States: The Need for Proper Identification of Victims

The rescue of sex trafficked minors within the US is limited due to a lack of proper identification as victims. This makes it clear that more efforts need to be focused on training those who come into contact with at-risk minors on how to identify a victim of sex trafficking.

Rebecca Ridings -John Brown University

Forced Prostitution: Is It Ever Justified?

There are millions of children and adults who are enslaved around the world, among them thousands are the victims of forced prostitution. Forced prostitution is immoral. This paper examines this issue from a secular standpoint of both cultural relativism and utilitarianism as well as from a theological perspective through appeals to human rights and biblical analysis.

ROOM - Tucson

Session 3 Group 6

Mariah Quick-University of Wisconsin: Eau Claire

Enhancing Research Opportunities in African American Life and Culture: Developing a Local Literature Archive

This student/faculty collaboration consisted of the formation of a literary archive from a private collection of approximately 1,000 titles focusing on African-American life and culture. These books will be donated to a local educational institution; with whom student Mariah Quick will work with to create an annual book talk.



Robin Smith-Lee College

Watchmen: Morality and Social Responsibility

A literary analysis of the graphic novel, *Watchmen*, written by Alan Moore and illustrated by Dave Gibbons, through the lens of Jean Paul Sartre’s essay entitled “Existentialism.” This analysis is about the subjectivity of morality and the responsibility of the individual to society.

Victoria Walters-Texas A&M University - Commerce

The Origination and Continuation of the Belief in Moon Myths

Using astronomy, biology, physics, mythology, anthropology and psychology, the anomaly of Americans believing that the moon and its phases have an effect on their biology, despite scientific evidence proving otherwise, is elucidated. As examples, three popular myths are explained in detail, from their origin to being disproven.

**ROOM - Phoenix
Session 3 Group 7**

Deanna Gardner-Alvin Community College

Horses in Motion

Through digital photography, this portfolio captures the basic skills of riding and training a horse. In addition, using a technique called “tracking,” still photography can be used to depict a subject in motion. The technique is based on the early efforts by photography pioneer Eadweard Muybridge to analyze the movement of a galloping horse.

Kylie Parker-Midwestern State University

1960s Black Theatre

1960s Black Theatre explores how the civil rights movement of the sixties affects the theatrical arts, specifically stage theatre. This presentation mentions popular plays, such as *A Raisin in the Sun*, and popular black directors and writers who brought the civil rights movement to the stage.

Kaitlyn Shaw-Texas A&M University-Commerce

Chitty Chitty, Bang Bang: The Cold War for Kids

Short Description: Although best known as James Bond’s creator, Ian Fleming also wrote *Chitty Chitty, Bang Bang*, a fantastical adventure for children. By analyzing the filmic representation of the Bond tales and the geopolitical connections between the Cold War and the 007 mystique, this study examines how film-makers transformed Fleming’s novel into a Cold War thriller for kids.



Ashley Sweeney-Oral Roberts University

The Creek Turnpike Wetlands: a Comparison of Vegetative Surveys from 1992-1997 and 2011

Mitigation involves the creation or restoration of a wetland to compensate for wetlands lost because of a development project. This 2011 study reassessed the Creek Turnpike wetlands of Tulsa County, Oklahoma, comparing them to similar surveys conducted in 1992-1997 using the Braun-Blanquet abundance scale in ground stratum and vegetative observations.

ROOM - Scottsdale

Session 3 Group 8

Group Presentation:

Marjean D. Purinton, Mariana Alvarez, Leslie Aguilar, and Jeremy Tow

Texas Tech University

Boulevards of Human Suffering

Mariana Alvarez

The Human Consequences of Corrupted and Circumstantial Evidence

My creative nonfiction profile examines the emotional ramifications of corrupted and circumstantial evidence in the legal system. Informed by psychological theory, I consider the emotional consequences of corrupted evidence in a closed case that was later reversed and propose ways to eliminate this legal problem.

Leslie Aguilar

Language under Pressure: A Defense of Poetry

In a society that has abandoned verse, the struggle to create poetry of purpose plagues many writers. As a poet, I aim to channel my affection for poetry into works that discuss the human longing for acceptance and understanding in family relationships informed by Latino culture.

Jeremy Tow

“Black Blizzards”

My series of short stories, “Black Blizzards,” details the effects of the Dust Bowl in West Texas from the perspectives of farmers, laborers, and families who lived on the Great Plains in the 1930s. Using archival research from the Texas Tech University Southwest Special Collections Library, I have reconstructed historically accurate and personal accounts of suffering and struggle.



FOURTH SESSION 11:30 – 12:20

ROOM – KC Theater

Session 4 Group 1

Aimee Cloutier-Texas Tech University

Reliability Analysis of Achieving Reach Tasks within a Vehicle Considering Joint Angle and Link Length Uncertainty

This study presents a probabilistic and sensitivity approach to gain insights into how variability affects performance on reach tasks from the driver's seat of a vehicle. The results show that the sensitivity of each joint is dependent on the nature of the reach task.

Jonathan Crews-Harding University

Geo-Cooling and Heating – Nature's Paradox

American consumers are constantly looking towards the future for renewable sources of energy and geothermal heat pumps provide an energy efficient and cost effective source of heat and ventilation while significantly reducing the carbon footprint produced by American households.

Anna Harris-West Texas A&M University

"Therapeutic" Child Abuse?

This study examines the validity of a controversial therapeutic model for helping emotionally challenged children. Called "holding therapy," this model has caused at least one child's death, but is still being used today. Through a review of literature on holding therapy, this therapy is demonstrated to be unethical and abusive.

ROOM - Seattle I

Session 4 Group 2

Panel Presentation -Dr. Shirley Eoff, Erica Adkins, Cassady Hossenlopp, Yolanda Elias

Angelo State University

Learning Outside the Classroom: International Internships and America's National Parks as Tools of Student Engagement and Program Development

This panel explores summer internships and participation in NCHC programs as both unique enrichment opportunities for individual students and sound investments for Honors Programs. Students share their personal experiences and the Program Director explains potential benefits in terms of university and community exposure, student recruitment, and expanding potential donor bases.



ROOM – Seattle II
Session 4 Group 3

Matthew Williams-Lone Star College-Montgomery

Blah, Blah, Blah: Or Wittgenstein's View of Morality

What is reality? Tell me. Sorry, can't accept that answer. Ludwig Wittgenstein said that humans cannot know because we understand everything through language which is a subjective human construct. Now for the biggie: If we can't define reality how can we be moral? Come find out.

Danielle Jones - Alvin Community College

Join the Club: The Social Psychology of Group Membership

From primary and secondary to in- and out-groups, individuals in society use social groups as a mechanism to define their own identities and as a means of self-evaluation. Social psychological theories provide a basic understanding of social behavior.

Whitney McIntosh-Northeast Texas Community College

Fredonia: A Tale of East Texas

Honors Students recently filmed our college's first full-length movie -- *Fredonia*. It captured our local history from 1859 to 1867. I was the film's producer, involved with everything from acting to editing. I will show excerpts from *Fredonia*, and tell how other programs can complete a film.

Hannah Musgrove-Lone Star College-North Harris

If Every Man Were A Mona Lisa?: A Sociological Study of Autism

This study, focusing on Kanner's Autism and Asperger's Syndrome, examines Autism Spectrum Disorder (ASD) from a sociological perspective and emphasizes the necessity of understanding social and socioeconomic variables to better serve those in the Autism Spectrum.

ROOM - Dallas
Session 4 Group 4

Panel Presentation-Andrea Vanne, Stephen Griffis and Katelyn Marlin
Ozarks Technical Community College

Crisis Averted: Transforming a Research Project into a Real World Solution

We are living in a time of political crisis, yet civic participation in our country has hit an all-time low. To address this problem, we developed a campus civic day. In this presentation, we examine the outcome of our project and offer the audience foundations for their own civic projects.



ROOM - Houston
Session 4 Group 5

Panel Presentation

Dr. John Korstad, Hannah Covington, Ashley Sweeney, Noelle Smits, Kay Meyers

Oral Roberts University

The Value of Discussion in Honors Courses

This paper examines the approach Oral Roberts University has taken to incorporating discussions into the university's honors courses. Honors courses at ORU come in three forms: honors sections of regular courses, honors independent study, and seminar courses. This study focuses exclusively on the seminars.

ROOM - Tucson
Session 4 Group 6

Graciela Martinez-Texas A&M International University

Lived Experiences of Mexican-American Parents on their Child's Major Surgical Procedure

The purpose of this study was to examine the lived experiences of Mexican-American parents whose child underwent a major surgical procedure. Using qualitative inquiry interviews were conducted among twelve Mexican-American parents during pre-operative and post-operative phases. Findings underscore the importance of providing culturally sensitive care and accurate medical translation during pre-operative and post-operative phases.

Cassandra Hermann-Midwestern State University

Understanding Our Children: Using Psychosocial Development in the Classroom

The theory of psychosocial development can help teachers understand their students' social motives and why their actions can seem so crazy. This presentation seeks to explain the theory of psychosocial development and how teachers can use it to better understand their students.

Amber Moore-John Brown University

Defining Poverty: the Problem with America's Poverty Thresholds

This study, "Defining Poverty: the Problem with America's Poverty Thresholds," is an analysis of the history of poverty thresholds, two scholarly opinions of the current poverty thresholds, and finally my own critiques of the current poverty thresholds. The definition of poverty must be reevaluated and updated in several ways.



ROOM - Scottsdale
Session 4 Group 7

Virginia Macfarlan-John Brown University

Jane Austen and the Domestic Sphere

Though her values were essentially conservative, in *Sense and Sensibility*, *Mansfield Park*, and *Persuasion*, Jane Austen broadens, if not challenging the feminine ideal. Rather than relegating her heroines to the domestic sphere as an end in itself, Austen uses domesticity to accompany, not define, her heroines' emotional fulfillment.

Jamie Odom-John Brown University

Sloppy Grace: The Sacramental Theology of Spit

"Sloppy Grace: The Sacramental Theology of Spit" explores the functionality of saliva in the New Testament to demonstrate, through explications of its occurrences in the scriptures, the way that Jesus used spit to connect with a targeted following: societal outcasts.

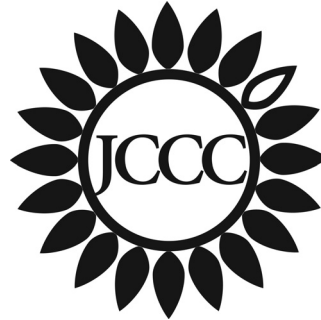
Nicole Reutzel -Emporia State University

The Appointment of Power for Jesus and King Arthur

Common themes in myths show the universality of certain questions and their answers. By comparing the baptism of Jesus and King Arthur removing the sword from the stone, different beliefs about power and honor are revealed. Applying these beliefs to a graduation ceremony demonstrates them in our own culture.



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