

# Exploration Through Honors



Great Plains Honors Council  
Annual Conference

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The students of the Reaud Honors College would like to extend their gratitude to Mr. Wayne Reaud. Thanks to Mr. Reaud's generosity, the Honors College has the support it needs to develop its future projects and plans. His donation has provided students with significant educational opportunities, enabling the Reaud Honors College to make an even greater impact on students' lives. Thank you for choosing to help provide a quality education and college experience to hundreds of students every year.



WAYNE A. REAUD



## EXPLORATION THROUGH HONORS

On the border of Louisiana but thoroughly Texan, Beaumont is the birthplace of the Texas oil boom, home to the biodiversity of the Big Thicket, and just down the road from NASA's Johnson Space Center. Our cuisine includes cajun, Tex-Mex, and barbecue, and our music embraces rock, blues, jazz, country, and zydeco. We hope you enjoy our area and explore the unique history, culture, cuisine, and natural environment of Southeast Texas.

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Conference logo design by Reaud Honors College student Ms. Amina Gibic

Conference program layout and design by Reaud Honors College student Ms. Deanna Pina



# WELCOME TO THE ANNUAL GREAT PLAINS HONORS COUNCIL CONFERENCE



**DR. KENNETH EVANS**  
Lamar University President

Thank you so much for joining us here at Lamar University for the 2017 Annual Conference of the Great Plains Honors Council. We are excited to be hosting this event this year as we welcome you to LU and Beaumont. We hope while you are in our community of Southeast Texas that you try out some of the local flavor. Whether it be going to the Gulf just 45 minutes away, eating at one of many outstanding seafood restaurants or enjoying a walk around our campus, we are glad you are here. The Honors students who are representative of our six-state region of Texas, Oklahoma, Arkansas, Missouri, Nebraska and Kansas present at this conference are the best of the best, and I congratulate each of you for being here. Make the most of this experience and again,  
Welcome to Lamar University and Southeast Texas.

On behalf of the Reaud Honors College, I want to welcome all of you to Lamar University. We are proud to be hosting the 2017 Annual Conference of the Great Plains Honors Council and are excited to see and hear your poster and oral presentations. In keeping with the Conference theme of "Exploration through Honors," we have prepared a Conference Program that is designed to give you a sense of the richness of the history, culture, and environment of Southeast Texas. Please make yourselves at home and enjoy the hospitality of our corner of Texas.



**DR. KEVIN DODSON**  
Reaud Honors College Dean

# SCHEDULE



## Friday, March 31st

- 2:00 - 6:00 PM: Conference Registration (Hotel Lobby)
- 3:00 - 5:00 PM: Poster Set-Up (Hotel Austin & El Paso Rooms)
- 4:45 - 5:45 PM: Nuts and Bolts (Hotel Port Arthur Room)
- 4:45 - 5:45 PM: Transitioning from 2-year to 4-year institutions (Hotel Galveston Room)
- 5:00 - 5:45 PM: Poster Judging (Hotel Austin Rooms)
- 5:45 - 6:45 PM: Poster Session (Hotel Austin Rooms)
- 7:00 - 9:00 PM: Welcome Banquet and Plenary (Hotel Banquet Rooms)
- 9:00 - 9:30 PM: Moderator Training (Hotel Galveston Room)
- 9:00 - 10:00 PM: GPHC Executive Board Meeting (Hotel AB I)



## Saturday, April 1st

- 7:30 AM: Transportation from Holiday Inn to Lamar University
- 8:00 - 9:00 AM: Boe Presentations
- 9:00 - 12:30 PM: Oral Presentation Sessions (Lamar)
  - Session Times:
    - 9:00 - 10:00 AM
    - 10:10 - 11:10 AM
    - 11:20 - 12:20 PM
- 12:30 PM: Lunch at Gladys City/ Boomtown
- 2:30 - 5:00 PM: Excursions (around Southeast Texas)  
Please refer to your name tag for the excursion you selected.
- 6:30 - 8:30 PM: Banquet and Plenary (Hotel Banquet Rooms)
- 8:30 - 11:30 PM: Student Event (Hotel Galveston Room)
  - 8:30 - 9:30 PM: Blues Guitarist
  - 9:30 - 11:30 PM: Student Party

## Sunday, April 2nd

- 7:30 AM: GPHC Business Meeting (Hotel Galveston Room)

# KEYNOTE SPEAKERS



## JO ANN STILES

### Friday Night Banquet Speaker

Jo Ann Stiles, a retired Associate Professor of History Emeritus, taught for thirty six years at Lamar University. She is one of the foremost experts on the history of Southeast Texas and, along with Judith Linsley and Ellen Rienstra, is a co-author of *Giant Under the Hill*, the definitive history of the Spindletop gusher and origins of the resulting oil boom. She and Rienstra co-authored *The Long Shadow: The Lutch-Stark Lumber Dynasty*, a three generation history of a powerful family on the local, state, national and international levels.



## ZACHARY SILAS FEEMSTER

### Saturday Night Entertainment

Native born Beaumont musician, Zachary Silas Feemster has had an active music career since 1999 whether performing as a solo artist or in various groups, such as The Amorist, Barelands and The Burnpile. In 2014 he recorded his first record for Wrong Side of Texas Records and has independently released albums and singles through out the present. In February 2017 he will start production on his third solo record as a solo artist.



## PAUL D. SPUDIS

### Saturday Night Banquet Speaker

Dr. Paul D. Spudis is a Senior Staff Scientist at the Lunar and Planetary Institute in Houston, Texas. He received his education at Arizona State University (B.S., 1976; Ph. D., 1982) and at Brown University (Sc.M., 1977). His research focuses on the processes of impact and volcanism on the planets and studies of the requirements for sustainable human presence on the Moon. He was Deputy Leader of the Science Team for the Department of Defense Clementine mission to the Moon in 1994, the Principal Investigator of the Mini-SAR imaging radar experiment on India's Chandrayaan-1 mission in 2008-2009, and a team member of the Mini-RF imaging radar on NASA's Lunar Reconnaissance Orbiter mission (2009-present). He was a member of the White House Synthesis Group in 1990-1991, the President's Commission on the Implementation of U. S. Space Exploration Policy in 2004 and was presented with the NASA Distinguished Public Service Medal that same year. He is the recipient of the 2006 Von Karman Lectureship in Astronautics, (awarded by the American Institute for Aeronautics and Astronautics), a 2011 Space Pioneer Award (from the National Space Society) and the 2016 Columbia Medal (from the American Society of Civil Engineers). He is the author or co-author of over 120 scientific papers and seven books, including *The Once and Future Moon* (1994), a book for the general public in the Smithsonian Library of the Solar System series, and (with Ben Bussey) *The Clementine Atlas of the Moon* (2004; Second Edition 2012), published by Cambridge University Press, and *The Value of the Moon* (2016), a history of lunar return efforts published by the Smithsonian Press.

# BOE AWARD

Above 60 Credit Hours

# WINNERS

Below 60 Credit Hours



**EVELYN BURCH** | Angelo State University  
**Evaluating the Success on NAFTA as an Instrument of Foreign Policy**

This paper examines economist Paul Krugman's position (1993) that the North American Free Trade Agreement (NAFTA) was a method of fulfilling foreign policy objectives by assessing Mexican economic growth, social stability, and democratization within the context of Mexico-U.S. relations.



**CLAIRE FERGUSON** | Oral Roberts University  
**Adolescents' Peer Acceptance Ratings Versus Perceived Peer Acceptance: A Replicated Study**

This study explores perceived peer acceptance in adolescence, contrasting results with middle childhood data from a separate study. Empathy and loneliness data are included in this study. Findings indicate similarities between male and female adolescents in terms of perceptions of peer acceptance, and in respective empathy and loneliness scores.



**CHRISTIAN GARCIA** | Angelo State University  
**The Effects of Presidential Rhetoric on Stock Market Prices**

This paper tests the Efficient Market Hypothesis by analyzing the reaction of stock prices to the President's positive rhetoric from the State of the Union Addresses from the Carter through Obama administrations to determine the extent that stock prices incorporate and react to presidential signaling.



**MONICA ARGUMEDO RENDON** | Lone Star College-Kingwood  
**The Untold Story of Adderall: Focusing on Adderall Abuse Among College Students**

The purpose of this study is to analyze Adderall abuse among college students at universities in the United States. Findings indicate that the severity of Adderall abuse is prominent. In order to prevent abuse of this drug, universities need to implement intervention programs on their college campuses.



**EMILY BLUMENTRITT** | Lee College  
**The Twisted Morals of Fortune and Fame: A Marxist Analysis of Sunset Boulevard**

Sunset Boulevard, the classic 1950s film by Billy Wilder, provides insight into the pressure modern American culture can exert upon the human psyche and how this pressure drives people to use each other as tools to achieve egoistic goals. Marx's Communist Manifesto provides the analytical base.



**ANTHONY D'SOUZA** | Lone Star College - University Park Campus  
**Dark Matter: NASA, Civil Rights, and Memory Distortion in the Media**

This project explores why the media's perception of NASA's role in civil rights shifted from an earlier negative view to a more positive contemporary opinion beginning in the 1980s, comparing newspaper and magazine articles from the 1960s and the 2000s in order to observe the agency's attitude towards its African American personnel during its early history.

# POSTER PRESENTATIONS

## A.

**ALBERS, MALLORY** | McLennan Community College

### Using Trend Analysis to Predict Stock Price Movement Via Social Media

As social media is a recent phenomenon in academic terms, there is very little previous work addressing whether social media usage can predict stock performance. This study focused on social media trends as a useful predictor of significant stock movements.

**APPENZELLER, JOSHUA** | Tarrant County College Northwest

### The Hydrogen Fuel Cell

For most of human history, religion and science have never been able to completely coexist peacefully. The geneticist Dean Hamer claimed that there is a gene dubbed the "God Gene" that causes the idea of religion and faith to be hardwired into every human.

**ATKINS, ASHLEY** | University of Texas at Tyler

### Non-Profit Marketing:

#### The Need for Job Satisfaction and Employee Retention

This study demonstrates how job satisfaction and employee retention affect overall brand perception for non-profit companies. Through a survey distributed to employees of an East Texas Boys & Girls Club, I investigated job satisfaction in multiple dimensions, providing an account of how job satisfaction can affect a company's success.

## B.

**BARTLETT, ELLIOT** | Tarrant County College Northwest

### History of the Oil and Gas Industry in Texas

The Oil and Gas industry has molded Texas Culture and the reputation it has in the world.

**BERTRAND, ARIELL / HENDRIX, ALIYAH** | Missouri Western State University

### The Grey Compromise

In this presentation we are going to explain the importance of unity between the poor White and poor Black community. We will begin by explaining the history, the similarities and differences, and the importance of working together to make social change between these two groups.

**BOAZZO, CIERRA** | Tarrant County College Northwest

### Superstitions

Whether we are superstitious or not, we sometimes find ourselves doing things we normally wouldn't do thanks to paranoia and fear. This is mostly likely due to the origins of superstitions particularly from three different categories: religious views, paranormal beliefs and the fear of death or the unknown.

**BOUKHAIMA, HANAN** | Johnson County Community College

### History of Environmental Heroes

Through the lens of history the heroes of the environment stand out. From preservation and conservation of land and forest in the late 19th century to sustainable practices today, environmental heroes warned about the harmful impact of industrialization on air, soil and water.

## C.

**CABALLERO, CARLOS** | Lamar University

### Boosting Efficiency:

#### Active Flow Control Reducing Fuel Consumption and other Ground-Breaking Improvements in Aerospace Applications

This poster will give a sneak peak at the current status and prospects of different aerospace technologies. It puts special attention on Active Flow Control and its role in reducing fuel consumption while presenting a unique perspective into the richness of different STEM fields that is not to be missed.

**CALVO, SARAH** | Tarrant County College Northwest

### American Serial Killers: Blinded by Bloodlust

Currently, there are over one hundred serial killers in this century alone commonly targeting innocent people, making it imperative to analyze them. This nation has grown accustomed to violence just as much as they have - this is why we study them as if they were another species we don't fully understand.

**CANTRELL, ALICIA** | Northeast Texas Community College

### The Politics of Sassiness: Texans Barbara Jordan and Ann Richards vs. the Male Establishment

The United States Presidential election dramatized the defeat of a powerful woman from New York. The defeat seemed to justify storylines about glass ceilings and boys clubs. In the late-twentieth-century, however, two women from Texas experienced different outcomes. My poster portrays the lives of Barbara Jordan and Ann Richards.

**CHALON, KATHERINE** | Texas Woman's University

### Virtual Me and Self-Esteem

While online outlets can be positive tools used to explore the self and build relationships, there is evidence to suggest that they can also lead to decreased levels of self-esteem in users. The purpose of this study was to explore links between social media usage, blogging, and self-esteem.

**CRAFT, KALLIOPE** | Emporia State University

### Harry Potter and Social Diversity

JK Rowling's Harry Potter has so deeply impacted its fans that it has changed the way they view the world. Harry Potter themed organizations strive to make the world a bit brighter, a bit safer, and a bit more magical. These fans embody the values permeating throughout Rowling's story.

**CRAIN, LAUREN** | Lone Star College-Kingwood

### Effects of Hormonal Propagation Using Indole-3 Butyric Acid on Root Growth in *Asclepias perennis*

Since both the monarch butterfly and the *Asclepias perennis* plant populations are in decline, a technique to ensure the survival of the two populations is to reproduce the *Asclepias perennis* through propagation of stem cuttings.

**CROWSON, TRISTAN** | McLennan Community College

### Utilizing Linear Regression in Ethereum Markets

In two years, Ethers reached a market capital of one billion dollars, which raised the question: How much growth will continue (Extance, 2015)? In this study, a multivariate linear regression algorithm was trained with four months of transaction data to predict future prices of Ethers.

**CUCURELLA, VENITA** | Johnson County Community College

### Chemical Analysis of Lavender

Lavender was analyzed in different forms. Gas Chromatography was used to isolate the individual compounds. These isolated compounds were identified through Mass Spectrometry and Gas Chromatography of lavender oil and buds. The difference in the chromatograms of the commercial grade oil extraction and the raw bulbs solvent extraction was significant.

**CULVER, KAICEE** | Tarrant County College Northwest

### Refugees: Here and Abroad

The refugee crisis, here and abroad, is misunderstood. This thesis will shed light on the issue that affects 65.3 million in the world today.

**CUSIMANO, KIRSTEN** | Tarrant County College

### The Element of Violence in Christian Art

A brief look into the depth of religious art that contains human violence. The rich emotion provoked by Christian art has been used by artists dating back throughout the centuries. The crucifixion of 'Christ' has been a focal point for fine art and gives modern viewers a look at the relevance of the violent aspect of the artwork displayed.

## D.

**DAILEY, CHRISTINA** | Johnson County Community College

### Alzheimer's Disease and the Impact of this Silent Killer

With a rise in life expectancy and the lack of a known cause, Alzheimer's disease is preying on our senior citizens worldwide at an alarming rate. With no known cure or treatment, this silent killer is causing a financial crisis as well.

**DAVIS, CHESNEY** | Northeast Texas Community College

### The Biggest Texan Shootout: Ironies of the Lone Star State's Frenetic Participation in World War II

My poster is about Texas' role in World War II. Texas played a huge part in the United States winning the war, with their contributions not only on the battlefield but on the home front as well. Without Texas' contributions, the United States would not have won the war.

**DELANCY, SHAE** | Missouri Western State University

### Porn Harms

Porn Harms is an overview of the various harmful affects that the online pornography industry has on not only the consumer's life, but also the performer's lives.

**DOLD, KATIE** | Emporia State University

### Colonialism's Masquerade

I explore how the Nigerian playwright Wole Soyinka's "Death and the King's Horseman" represents conflict through colonists' desecration of natives' Egungun masks. While the play focuses on attempted eradication of native customs it also divulges the presence of similarities between colonialism and Nigerian religious culture.

**DUNLAP, MAIGAN** | Angelo State University

### Geochemical and Faunal Analysis of Carbonate Facies Changes Along the Permian-Triassic Mass Extinction Boundary in the Nanpanjiang Basin, South China

This study compares microscopic and macroscopic analyses of faunal succession, diagenetic structures, and isotope signatures above and below the Permian-Triassic mass extinction boundary in the Nanpanjiang Basin in China to shed light on environmental conditions of the early Triassic, post-extinction environment.

**DUTTON, PENNY** | University of Texas at Tyler

### A Global Empathy Review on Effective Elementary Teacher Procedures and Communications

In the United States, elementary educators are still disproportionately white females. Due to this demographic, it is imperative for teachers to develop cultural empathy. In this project, I will compare and contrast psychological and educational research from both the United States and international countries.

**E.**

**ESTEP, MATTHEW** | Tarrant County College Northeast Campus

### Struggle and Resolution conveyed through Pixel Art

What Pixel Art contributes to the overall message of an image. Specifically, images relating to violence in some form and how the art style only enhances that feeling.

**EWY, ALEXANDRA** | Emporia State University

### The Possibility of An Impartial Jury:

#### A Look at the Sixth Amendment and Human Bias

The goal of this poster is to examine our current jury selection process, and see if and how bias affects the process and a defendant's Sixth Amendment right to a "fair and impartial jury". Societal bias is looked at, as well as legal tactics to combat said bias.

**F.**

**FARICY, BRIDGET** | Tarrant County College

### Violence in your pocket:

#### selfies, social media, and the collective concept of self.

This poster attempts to expose the inherent violence in a digital-age artistic phenomenon: the selfie. It does so by discussing the collectivization of personal identities through interaction on social media websites and the idea of a "virtual identity", which does not necessarily mean the same as one's "true identity" elsewhere.

**FARIS, HUNTER** | University of Missouri-Kansas City

### Regulation of Src Family Protein Kinases in the Rat Striatum by Muscarinic Acetylcholine M4 Receptor

Src family kinases (SFK) and muscarinic M4 receptors (M4R) are enriched in the striatum of the mammalian brain. M4R activation may cause an inhibitory influence over SFKs in striatal neurons. We thus initiated a first effort to experimentally determine this interaction in adult rat brains in vivo.

**FERGUSON, SHILEY / REAMS, MARY GRACE** |

Texas Woman's University

### A Healthcare Student's Handbook on Making it to Graduation

Students pursuing degrees within the healthcare field often face unique challenges in the fluidity of their degree programs, as many are forced to transfer campuses or universities to complete undergraduate requirements. This project serves as an aid to help ensure a smooth transition and track student progress toward graduation.

**FLOYD, REBECCA** | University of Texas at Tyler

### Improving Special Olympics with Swoop

Special Olympics is a popular event that blends the academics of physical therapy with the field of special needs. However, organizing a Special Olympics event is often full of challenges, such as low attendance. This study examines how we addressed these issues from year to year at UT Tyler.

**FOWLER, MARISA** | Tarrant County College South Campus

### Antisocial Personality Disorder:

#### Media's Incorrect and Influential Portrayal

Mainstream media often uses characters or the topic of those labeled with antisocial personality disorders to enhance the intrigue of their products (music, television shows, etc.). As most people have only seen the media's portrayal of those affected with these disorders are in turn often treated unfairly and often times don't receive the adequate treatment.

**FREDERICK, MEGAN** | Tarrant County College Northwest

### Collegiate Quidditch

The poster research covers the types of balls in Quidditch, the different types of players, some equipment used, as well as some gameplay/points. It also covers the effect on college population. The research was done through the official website for collegiate Quidditch, usquidditch.org.

**FUENTES, ANDREA** | Texas A&M International University

### Audiology Around the World

Audiologists are the rare professionals who may provide services and resources by specializing in disorders of the ear. Audiologists typically require extensive education, unavailable in many places throughout the world. The purpose of this study is to identify the ratio of audiologists to hearing-impaired individuals in various countries.

**G.**

**GAYTAN, DANIELA** | Tarrant County College Northwest

### Autism

Autism is a brain development disorder that makes it hard for individuals to live a normal life. For the most part, they struggle with verbal communications, social interactions and living out of routine. Although, they are helped to become independent the cure or early diagnoses of Autism has not been found.

**GIBSON, JESSICA** | Texas Woman's University

### The Effect of Vitamins and Minerals on ADHD Symptoms

This poster presentation will share the conclusions of research done on the validity of the positive effects relating to vitamin and mineral supplementation on children with ADHD. It will also address the potential that a holistic diet has to promote improved behavior.

**GODOY, BRENDA** | Northeast Texas Community College

### The Hierarchies of Revolutionary Texas

Many write as if a single Texas elite "calls the shots." My poster on the hierarchies of Texas during its revolutionary era shows "a firefly effect," characterized by brief ascendancies of men like Stephen Austin and Sam Houston into power, followed by "shift trauma," when leaders were then discarded.

**GONZALEZ, CAITLYNN** | Tarrant County College Northwest

### Animal Protection Laws for Domesticated Animals in Texas

This project over Animal Protection Laws will be focused on domesticated animals in Texas, examining the differences between criminal and civil laws. These laws are the bases for the protection of animal rights, seeking to ensure a life free from pain and suffering for domesticated animals in Texas.

**GURERA, JACOB** | University of Missouri-Kansas City

### The Relationship Between Sleep and Locus of Control in College Students

This study investigates the relationship between college students' sleep loci of control, sleep quantity, and psychophysiological responses to a sleep hygiene presentation. The results show a positive and significant relationship between an internal sleep locus of control and an individual's improvement in sleep quality over the duration of the experiment.

**H.**

**HARPER, SAVANNAH** | Tarrant County College Northeast

### Staphylococcus Epidermidis:

#### Measuring cell growth at elevated human body temperature and multiple levels of blood salinity.

This poster is describing an experiment made to test whether increased salinity and temperature would impede the growth of Staphylococcus Epidermidis. The experiment concluded that the combination of high temperatures and blood salinity impeded the growth of the bacteria successfully. This is important because it could aid in treatments for Staphylococcus Epidermidis infections.

**HAYS, KYRA** | Tarrant County College - Trinity River Campus

### Death Goals

Preparing for death may be a long process including saving money for a funeral, deciding who will care for your children, and ensuring your affairs are in order, there is also the consideration of how you want your body handled. There are more options than the typical cremation and burial.

**HUBBARD, BRITANE** | Missouri Western State University

### Theory Ladenness of Observation and How It Applies to Criminal Negligence

This poster will provide two specific examples of malpractice law suits and a section that explains the theories. There will also be a section that compares the lawsuits and the theories. This poster will also include visual examples of Gestalt psychology and other photos that relate to the examples.

**HULBURT, HALEY** | Northeast Tarrant County College

### How the Art Elements Show Depression and Anxiety

The art elements are an important part of photography. The elements help the movement through the photo and help create photographs. They also are used to tell a story through one moment of time. The elements can create feelings and moods that the artist wants to show in a photograph so that the viewers can understand and feel the same way.

**J.**

**JACKSON, CHRISTA** | John Brown University

### Downstream PKC signaling events during Coxiella burnetii infection of host cells

This study explores host cell-pathogen interactions between pulmonary macrophages and Coxiella burnetii, a zoonotic intracellular bacterium known to cause human Q fever. We specifically explore the role of MARCKS, a known PKC substrate, in the PKC signaling pathway during Coxiella burnetii infection by the suppression of MARCKS using inhibitory peptides.

**JOHNS, BRIETTE** | Tarrant County College Northwest  
**Prader-Willi Syndrome**

Prader-Willi Syndrome was first discovered in 1956 but the doctors had no true knowledge of the disease's causes or future effect it would have on the individual. However, in 1981, a group of doctors discovered that PWS was caused by the deletion of chromosome 15 given through the father.

**JORDAN, RACHEL** | Northeast Texas Community College  
**Texas Regionalist and Modernist Art**

The regionalist and modernist eras in the United States were expressed both very vividly. Though Texas artists have embraced both of these styles of art, the outlooks that they carried into the conception of the two forms went against the grain of the national trend.

## K.

**KELLEY, BRANDON** | Tarrant County College Northeast Campus

**The Violence of Abnormal Space in Documentary Poetry**

The introduction of violence in documentary poetry by manipulation of the aesthetic element of space is analyzed. There is a possible parallel between the disruption created by the manipulation of violent space, and the desire for an organized and structured text - space relationship, as to prevent anxiety or confusion.

**KELLEY-LITTLE, LASHA** | Tarrant County College Northwest

**Path to Becoming a MD**

Every year, Medicare and the Texas Higher Education Coordinating Board help fund the education of many up-and-coming physicians in Texas. Medicare is able to help fund these students through issuing teaching hospitals DGME and IME payments. In addition, the Texas Higher Education Coordinating Board issues grants to the teaching hospitals.

## L.

**LIN, JINLONG** | Richland College

**Exposure to zinc chloride and ethanol affects zebrafish embryogenesis**

Students collected zebrafish embryos and tracked their development when exposed to either zinc chloride or ethanol. We were able to collect data showing that both Zn and ethanol impaired zebrafish embryo development and also that Honors undergraduate students can carry out open-ended zebrafish experiments in a class setting.

**LOPEZ, ELISE** | Tarrant County College Northwest  
**The Gladiators**

The Gladiators, tells about the rise and fall in the popularity of the gladiator games, as well as how the tradition came about, and the caste system behind the games.

**LUDLOW, DARIA** | Tarrant County College Northeast  
**So Much Depends Upon.... Things**

Photographs and the written word are preferred techniques to express human emotion, thus depicting an idea to the viewer and/or reader. Removing that emotion in the photographs or text, then results in replacing the idea with a thing. This presentation discusses the significance in removing emotion to create things.

**LUTTERINGER, TRACE** | Tarrant County College Northwest

**Feral Cats**

A feral cat is a cat that wanders the world outdoors and wants nothing to do with humans. The cycle of feral cat overpopulation is endless and is in need of a solution. The problem cannot go unsolved, leaving the options to alleviate cat overpopulation as euthanasia or TNR programs.

## M.

**MCDANIEL, JULIA** | Angelo State University

**The Role of Intimate Partner Violence in Theatre**

This poster analyzes the portrayal of intimate partner violence in three theatrical works to determine if theatrical portrayals reflect the laws and views of intimate partner violence at the time of the work's writing or setting.

**MCDONNELL, AMBER** | Tarrant County College Northwest  
**Standards of Modesty**

Modesty standards have a history in all cultures, often rooted to religious ideology, which have become social and institutional norms. This expectation of modesty enforced on women is harmful because of the effect it has on girls during development, and the treatment positions women lower than men in society.

**MOTT, MELODY** | Northeast Texas Community College

**The Prophetic Intentions of Sir Isaac Newton**

In 2003, the BBC helped to sensationalize Newton's startling 2060 end time prophecy. The musings of the "dark heretic" stunned the world. My poster cleanses misconceptions that develop through media hyperbole. More attention must be paid to Newton's whole perspective on religion, and his changing mental states.

**MUNOZ, GIANCARLOS** | Tarrant County College Northwest  
**Summary on the Effects of Bromelain**

Enzymes function in different ways and react under different environments and chemicals. The focus of this experiment shows how this is not only backed up by evidence but examines deeper into the enzyme bromelain.

## N.

**NAYLOR, EMILY** | McLennan Community College

**An Exploratory Study: Study Habits and Learning Techniques of Students with Obsessive Compulsive Disorder**

The purpose of this study was to conduct in-depth interviews with a sample of college students who have been diagnosed with obsessive-compulsive disorder to examine their perceptions regarding how they learn best. The results will help fuel a discussion on further OCD research in education.

## O.

**OLIVARES, CRISTINA** | Texas A&M International University

**The Interaction of Labels and Descriptions on Perception of Feminists**

Research studying perceptions of feminist have provided inconsistent findings. The purpose of this study is to examine the effects of the interaction between the labels and the descriptions on the perception of a feminist.

**OREJEL, ALAYSIA** | Tarrant County College Northwest

**Zoos: A Necessary Evil**

Zoochosis is a disease that involves compulsive, non-repetitive behaviors due to a non-stimulating environment, such as is found in many zoos. Through extensive research and analysis of recent studies, the project showcases how Zoochosis has become a problem and introduces possible solutions, including enrichment programs and removal from zoos.

## P.

**POTEET, MADDISON** | Southeastern Oklahoma State University

**Exploring Individual Communication Traits: Assessing the relationship between willingness to communicate, self-esteem, and individual entrepreneurial orientation**

Recently, Universities have placed increased focus on the intersection between liberal arts education and entrepreneurship. This research explores the traits of willingness to communicate and self-esteem, and their relationship to individual entrepreneurial orientation. By examining these traits, this project contributes to the discussion on student development of an entrepreneurial orientation.

## R.

**RAZA, HUMNA** | Tarrant County College Northwest

**The Importance of Illustration**

The impact and importance that illustration has played in an individual's life has gone unnoticed for too long. The idea is to expand upon how illustration is important to us and to analyze how it is a message conveyer and great factor in education.

**RENTERIA, ANDY** | Emporia State University

**Toward the synthesis of a lithium-specific fluorescent sensor**

This research explores the role of fluorescence as a precise technique for the real time monitoring of analytes. A fluorescent probe would aid researchers in discovering how lithium works in neural cells, which could lead to the development of more effective treatments for bipolar disorder.

**ROCHA, ARELY** | Tarrant County College Northwest

**Robotics in the Medical Field**

Many people have uneasy feelings about the widespread of robotics in our everyday lives. It is said that medical field will continue to grow but will those openings be taken over by the robots. I believe it won't be and the medical field should continue to grow with human beings as the professionals.

**ROCHA, SIHANYA** | Tarrant County College

**How and Why To Invest on the Worker Instead of the Machine**

By getting companies to invest in their workers through reinforcing training and retaining their workers and make work force recruiting methods that help workers either update their skills or gain the work history that employers look for instead of demanding school to provide the both the work history and knowledge or getting machines to replace preexisting man power, will enrich the work force in a technologically advancing era.

**RODRIGUEZ, ADRIANA** | Northeast Texas Community College

**Power Money: How the Union bought off Texas in 1850**

The Compromise of 1850 has been acclaimed a failure. However, it was a success, and particularly in Texas because of the use of "Power Money." The \$10 million offered to the state dissipated the Southern and Lamarian fantasies, and honored the Texas Rights Party developed by Thomas Jefferson Rusk.

**ROMO, MARIANA** | Tarrant County College Northwest

### The History of the Practice of Medicine in Texas

As a recently established state Texas lacked any form of governmental regulation on who could practice medicine; therefore various, often unqualified, individuals would provide others with medical assistance. Various years passed before medical regulations were established with the help of people such as Anson Jones.

S.

**SALEH, GABRIELLE** | Tarrant County College Northeast Campus

### Violence in Fashion Print Advertising

Violence has existed in the art of advertising throughout countless campaigns. With the form of fashion print advertising, models pose as corpses, beaten figures, and bloodied bodies to elicit emotions from their consumers. This poster analyzes how advertisers incorporate tactics in fashion campaigns through shock, controversial, and grotesque advertising.

**SHAW, EMMALEA** | Northeast Texas Community College

### Shattered Ceilings: A Look at Title IX in Northeast Texas

Northeast Texas schools chose a "let's not, and say we did" approach before embracing the opportunity to earn even more trophies through Title IX. As sports hastened the racial integration of a former Confederate stronghold, women too gained as they moved from the sidelines to center court through Title IX.

**SMITH, ZACHARY** | University of Arkansas

### The Spatial and Temporal Water Quality Along Rock and Fourche Creeks in Little Rock, Arkansas

This project analyzes spatial and temporal water quality along two urban streams in the Fourche Creek Watershed, the wetlands of Little Rock, Arkansas. Anion, cation, and trace metal concentrations in the streams on average do not exceed respective maximum contaminant levels, but some concentrations are more susceptible to seasonal variation.

**SPANGLER, MARTA** | Emporia State University

### Marvel Comics' Civil War Series as Political and Historical Allegory

Serving as an elaborate historical allegory, Marvel Comics' Civil War comic book series mirrors political clashes and failures throughout US history. The Super Human Registration Act forces the characters from traditional roles of heroes and villains as they transition into a modern age of rival convictions.

**SPENCE, TYLER** | Tarrant County College Northeast Campus

### Distress Through Modern Photography

This poster exhibits the hidden elements of photography that evoke tones of distress and how they achieve this feeling. The poster's layout combines text with images to better express its ideas and aid in the audiences understanding of the topic.

**SPURLIN, ALECIA** | Northeast Texas Community College

### The Use of Music Therapy in Pediatric Oncology

Many children face severe ordeals with cancer. Medicine alone cannot handle the trauma that ensues. Music Therapy reduces pain, relieves anxiety, helps distract the child, helps the child interact with others, and it brings about pleasant memories and feelings while a child is undergoing treatment.

**STANLEY, MIRANDA** | Hutchinson Community College

### Whose Mouth is Cleaner? A Study of the Microbial Content of Humans' and Domestic Dogs' Mouths

This project explored whether the saying that a dog's mouth is cleaner than a human's mouth is truth or myth. The student grew several cultures from both dog and human mouths, determined the answer based on the type of bacteria that grew, and attempted to identify the bacteria.

T.

**TAYLOR, MEGAN** | Tarrant County College Northwest

### The Importance of Coffee Trade for Developing Countries

Through observing the outcomes of Unfair Trade with coffee-producing developing countries that are in trade with the United States, we can further understand the effects we hold on these countries. In conclusion, coffee sales within the U.S. both directly and indirectly determine the everyday lives of these coffee-dependent households.

**TIMMONS, JOSHUA** | Tarrant County Community College

### Latent Themes in Plain Sight

Exploring the hidden, and somewhat ominous, themes imbued within a few of our favorite children's films.

**TURNER, ASHLEY** | Tarrant County College

### An alternative, cost-effective response to antibiotic resistance: comparing antibacterial activity of Manuka honey and Iraqi date syrup against nosocomial pathogen *Pseudomonas aeruginosa*

Accessible and cost-effective measures to limit the spread of multidrug-resistant bacteria present in vulnerable populations are needed. The experimental aim of this project is to compare the bactericidal effects of two topical antibacterial substances (Manuka honey, date syrup) against the clinically relevant nosocomial organism *Pseudomonas aeruginosa*.

V.

**VAIL, COURTYLYNN** | Tarrant County College Northwest

### Video Games

Video games are now a part of Americans daily lives and studies show that playing video games actually help improve the brain's functionality such as hand-eye coordination, eyesight, reflexes and the brain's muscle memory. Video games also help to relax and alleviate stress.

**VIDAL, EMILY** | Angelo State University

### Comparative Analysis of Linear and Nonlinear Dimension Reduction Techniques on Mass Cytometry Data

This poster provides a comparative analysis of the application of four dimension reduction techniques on mass cytometry data: principle component analysis (PCA), isometric feature mapping (Isomap), t-distributed stochastic neighbor embedding (t-SNE) and Diffusion Maps, using computation time, residual variance and neighborhood proportion error (NPE) as comparison metrics.

**VILLARI, LINDSAY** | Tarrant County College Northwest

### Blended Families

This poster talks about how step parents work into the child's lives, the adult's life, and how they affect the family as a whole. The main focus will be how the step parent affects the child's life.

**VILLARRUEL SUAREZ, ALEJANDRO** |

Tarrant County College Northwest

### How Can Someone Become a U.S citizen?

According to the Department of Homeland Security, 46% of immigrants (19.4 million persons) have Hispanic or Latino origins, many of whom are unfamiliar with the process of obtaining citizenship. This poster presents the four steps of the immigrant Visa process and the requirements for each one.

W.

**WALKER, ASHLYN** | Tarrant County College- Northeast

### Living in Black and White

Black and white photography is a common creative choice for photographers that has major influences on the images themselves. Specifically in architectural photographs, the lack of color in the image can create a theme of violence through the loss of vibrancy and pigment of the subject.

**WEDMAN, CATALINA** | Johnson County Community College

### Effects of Three Road Ice Fighters on Caddisfly Survival

The effects of beet juice brine, table salt and MgCl brine were tested on the mortality of caddisflies in a stream.

**WEERASOORIYA, SACHITHRA** | Midwestern State University

### Investigating Dwarf Spiral Galaxies

Studies propose that dwarf elliptical/spheroidal galaxies form through transformation of dwarf irregular galaxies. Early and late type dwarfs resemble each other in terms of observed colors and light distributions, providing reason to propose an evolutionary link. This project explores where dwarf spirals fit into the evolutionary sequence.

**WESLEY, EBONY** | Tarrant County College

### Exploring Ancient Death Rituals

The poster presented is a representation of trauma in art. In attempt to understand ancient death rituals this poster gives examples of cultures that proudly exhibit the practices of their ancestors. This poster will also recognize the spiritual connection between the cultures and their rituals.

**WORTHEY, JESSICA** | Tarrant County Community College

### Strokes of Violence: An Analysis of Mental Instability Through Technical Manipulation in Fine Arts

Many works of art are understood to have undertones of mental illness. However so, many forget the process an artist goes through to create such pieces. My poster explains how handiwork exposes these tones, and how understanding the artist's mindset can remove the social barrier between the ill and society.

Z.

**ZUNIGA, LEIVY** | Northeast Texas Community College

### Hang 'Em High Governors

From 1976 to 1998, the state of Texas executed twice as many criminals as any other state. For abolitionists of the death penalty, it became a "bad boy" state. But why? I show how state leaders orchestrated the cowboy persona to rally support for executions.

# BOE AWARD WINNER PRESENTATIONS

## Boe Award Winners - Below 60 Credit Hours

John Gray Center - Herman Iles Building - Price Auditorium

8:00 - 8:45 AM

MONICA ARGUMEDO RENDON

The Untold Story of Adderall: Focusing on Adderall Abuse Among College Students

EMILY BLUMENTRITT

The Twisted Morals of Fortune and Fame: A Marxist Analysis of Sunset Boulevard

ANTHONY D'SOUZA

Dark Matter: NASA, Civil Rights, and Memory Distortion in the Media

## Boe Award Winners - Above 60 Credit Hours

Center for Innovation, Commercialization, and Entrepreneurship (CICE) - Training Rooms A and B

8:00 - 8:45 AM

EVELYN BURCH

Evaluating the Success of NAFTA as an Instrument of Foreign Policy

CLAIRE FERGUSON

Adolescents' Peer Acceptance Ratings Versus Perceived Peer Acceptance: A Replicated Study

CHRISTIAN GARCIA

The Effects of Presidential Rhetoric on Stock Market Prices

# ORAL PRESENTATIONS SCHEDULE

## SESSION I

9:00 - 10:00

### Panel A Reaud Honors College 120

CAMILLE ABDEL-JAWAD / CANDACE COTE - Community Engagement: Starting a Traditions Program  
 JESSE KORSAH - Ethics in the Real World: Integrating Intercollegiate Ethics Bowl Competition into the Brazosport College Honors Program  
 TIFFANY GILLIAM - Visual Recognition Analysis: Communicating Honors Effectively  
 GAVIN DOWNING - Liberating the Classroom: Advocating for a Shift Towards Critical Pedagogy in the United States

### Panel B Reaud Honors College 102

CHYNA LEWIS - A Capitalistic Identity: The Commodification of Individuals in Imitation of Life  
 ROSEMARY CULVER - The Vanishing of True Self in Modern Culture and No Face from Miyazaki's Spirited Away  
 ELISE SELDENRUST - False Narrators and the Altered Truth of Postmodernism  
 JONATHAN PERRIER - Nihilism and Sci-Fi: Adapting to Mechanism

### Panel C Reaud Honors College 104

CEM BABER - The Legend of Benjamin Rush  
 LEE WAGNER - Gaybraham Lincoln: Memes and History  
 KASSANDRA MARTINEZ - American Condescension and the Fate of the Ultimate Populist  
 BLAKE BUTSCHEK - Watcher of the Waves: The United States Navy's Mission since Pearl Harbor

### Panel D CICE Training Center A

JON WARD - Meaning and Implications of "The Perfect" in 1 Corinthians 13:10  
 JOSHUA WINTER - Justice in Ancient Greece  
 JAIME NUNEZ - The "Ideal City": Jamestown in the Philosophical Imagination

### Panel E CICE Training Center B

AARON KENDRICK - The Use of Calculus in Computer Programming Language Functions  
 DYLAN MCINNIS - Artificial Intelligence and Gaming  
 LIABETTE RODRIGUEZ - Mirror Neurons  
 SIDNEY DAYAG - Brain Training Games: Testing its Efficacy on Rewiring the Brain

### Panel F CICE Computer Training Room

Discussion: Dear women: We don't know what to do with you - Society  
 GARRETT LEONARD  
 REBECCA NORTON  
 BENJAMIN SCHAAP

### Panel G Maes 101

MARY-ELIZABETH SMITH - The Transatlantic Use of the Press in Early Modern Europe  
 EMILY NICKLES - A 100 Year Legacy of Pioneering Women Journalists  
 DIARRA RAYMOND - Students' Rights to Free Speech  
 DIVYA SINGH - Spotlight: Shedding Light on the Church's Cave of Religious Sanctimony

### Panel H Maes 102

MADDIE MADEWELL - Sexuality in the Biblical Narrative  
 KAMERON DUNN - Dhuoda, Heloise, and the Interrelation of Gender and Identity in the Middle Ages  
 EMILY KRAUSE - Third-Party Education in the Fairy Tales of Kinder- und- Hausmärchen  
 JENNY HWANG - A Sociological Analysis of Margaret Fuller's Transcendentalist Conceptualization of

### Panel I Maes 103

ADELINE PATTERSON - The Equine Revolution: The Impact of Horses on the Great Plains Tribes  
 ALCMENE GONZALEZ - Surviving Kaqchikel: A Sociological Perspective on the Mayan Woman  
 CURT BAKER - The Lighthouse of Pharos  
 ROXANA ESCOBAR - Neuroaesthetic Analysis of "On the October Trail" (A Navajo family)

### Panel J Maes 108

MIRANDA WILLBORG - Music for the Heart: The Link between Entrainment and Cardiac Arrhythmias  
 ZACHARY LANCASTER - Maximizing Study Habits: Uncovering Music Characteristics that Help Maintain Focus  
 AMARA OLSEN - Bringing Our Second Brain to the Table  
 ANDREA BORDEN - Shooting Questions about Shots:  
 Assessing Public Opinion and Awareness of Mandate on Vaccines.

### Panel K Maes 112

MIGUEL MACALINDONG - Endangered Fishes of Texas  
 MARCO CHACON - Identifying Freshwater Fish Diversity and Their Intestinal Symbionts in the Lone Star College-CyFair Ponds  
 DESIREE POWELL - Different Water Locations and Their Differing pH Levels  
 MERCEDES HARRIS - Westbrook, an Ecologically Engaged Urban Development for the City of Chicago

### Panel L Maes 114

ELLIE GOIN - A Consequentialist Analysis of Harry Potter and the Order of the Phoenix  
 GINGER JOHNSON - Moral Value? - As if! : Viewing Clueless through Kant and Aristotle  
 HANNAH SAVOIE - We Can't Escape the Desire for Material Escape:  
 A Rhetorical Criticism of the 2012 Film Les Miserables  
 NATE WERTJES - The Value of Human Initiative: A Further Review of the Biblical Esther

### Panel M Maes 115

LACEY MOSIER - Education Reimagined  
 LYNSEY WILLIAMS - The Cause and Solution to America's Out of Control Youth  
 BRIAN COZART - Erikson's "Identity and the Life Cycle: An Analysis  
 LEYLA ABOTTEEN - Youth Rising

### Panel N Speech and Hearing 170

JOSHUA SHIPMAN - Society and its Discontents: A Rousseauian Examination of Modern Celebrity Culture  
 ISABELLA SILVEIRA - Selena Quintanilla and Her Lasting Legacy  
 ASHLEY DONOVAN - The Rise of Rap Music and its Influence on Race Relations and Social Movements  
 JASYM MIRELES - Leading the Civil Rights Movement

### Panel O Speech and Hearing 180

JACK TYLER - Civilization as Ecology: Edmund Burke in Conversation with Wendell Berry and Lao Tzu  
 OLAJUMOKE FALADE - North Korea's Songbun System  
 ELISABETH VILLAREAL - Gender and Family Dynamics in Kubrick's The Shining  
 HANNA GEBEL - Hitchcock's Objectification of Women in Auteuristic Cinematics

# SESSION II

10:10 - 11:10

## Panel A Reaud Honors College 120

CORINE BOCONVI - Mental Health: A Growing Concern Among College Students  
MADELINE NORTZ - Suicide Awareness in Teenagers and Young Adults  
ABIGAIL DANLEY - Deep Hunger Pangs: Eating Disorders Portrayed in Young Adult Literature  
RHIANNON MINSTER - Mental Illness Examined Through Game of Thrones, and Evaluating its Popularity

## Panel B Reaud Honors College 102

WHITNEY MASKAL - Gravitational Effects of Dark Matter and Possible Implications on Mass Extinction  
SANTIAGO GUITIERREZ - The Origin of Mass: Discovering the Higgs Boson Particle  
ADRIAN GALLEGOS - Comparing the Stellarator and Tokamak: Two fusion alternatives  
CLINTON BELL - Information Retrieval: How It Works, and Why You Should Know

## Panel C Reaud Honors College 104

NAM VU - A Revisionist Look at the U.S. Electoral College  
MUHAMMAD SHEIKH - Ross Perot's Quixotic 1992 Presidential Campaign  
SAMANTHA MARES - Where's the Party At?  
MURAD JALILOV - Reevaluating US-Russia relations

## Panel D CICE Training Center A

BRIAN MIRANDA - Another Border to Cross  
MUHAMMAD MADHAT - Human Trafficking  
AYSEGUL ATEŞ - The Yazidi Women Captured by ISIS  
OLUWADARA WEMIDA - Modern Subjugation

## Panel E CICE Training Center B

ALLYSON GREGORY - Medusa as the Victim: An Analysis of Eudora Welty's The Golden Apples  
MANDY RAY - Breaking Free: Celie's Struggle in The Color Purple  
MARY KOUNS - What's Worse, Lookin' Jealous or Crazy?: A Content Analysis on the Portrayal of Women in Pop Music Videos About Adultery  
CASSANDRA HEMBREE - Frankenstein: A Shockingly Feminist Tale

## Panel F CICE Computer Training Room

MARGARET GREENHALGH AND KATELYN BOWLES - Honors Music Appreciation  
KENDRA DUKATNIK - The Musical Mystery: An Exploration in Playwriting  
CASSIDY WATKINS - Niche Cinema as an Initiative for Honors  
GARRET VAN ARSDALE - Clarinet Reflections: A Pedagogical Work

## Panel G Maes 101

NICHOLAS REGER - Reddit Engaged: Civic Engagement through Social Media  
BERNADETTE HOLT - The Rhetoric of Age-Old Racism  
TAMUNOMIEBAKA SOMIARI - Saving Relationships  
ANGELO GONZALES - A Quantitative Study: The Correlation Between Social Media Usage and Face-To-Face Communication

## Panel H Maes 102

MIRIAM DIAKITE - Between the Heart and the Reason  
SARAH MARTIN - Marie de France and Dante's Differing Perspectives on the Discrepancy Between Loyalty and Fidelity  
SAMUEL BARNES - Ethical Egoism: An Incomplete and Flawed Recipe to Life  
MEGAN BUTLER - There is Beauty and Much to Gain from Conversing with Strangers.

## Panel I Maes 103

TRENT CURRY - An Examination of Health-Related Issues for Percussionists in Marching Band  
JOSE CISNEROS - Sports, Power, and Education  
GRANT VICTORIOUS - Dentistry in the Civil War  
JOCELYN RUIZ - Diversifying America

## Panel J Maes 108

KAILEY MOORE - Deriving Antibiotics from the Bacteria in Soil: A Small World Initiative  
EMILEE PETERSON - Cattle Trade Flows in Texas and Food-and-Mouth Disease Vaccine Stores in the U.S.  
CASSANDRA CASADOS AND EMILEE HERRING - Does Old Makeup Mean Bad Makeup?  
TRAVIS WHITACRE - The Impact of Zika Virus on Florida's Economy

## Panel K Maes 112

SANA KHILID - Validity of BMI in Pediatrics  
CHAMIL FERNANDO - An Investigation into Root Causes of Obesity: How dysbiotic gut microbiota can be rebalanced into symbiosis to achieve optimal health and optimum weight.  
LANCE BENSON - Isolation and Identification of a Fat-Mobilizing Substance [FMS] in Humans as the Result of Fasting  
BRENNA HUDSON - The Physiological Development of the Young Female Dancer

## Panel L Maes 114

LAUREN MILLER - Making a Decision: A Study on Socioeconomics and its Role in Shaping Perceptions of Community Colleges  
MELISSA REINSCH - Deliberate Teaching: Invoking Intellectual Curiosity Among Low Socioeconomic Students  
ALIYA KUYKENDALL - International development through educational scholarships: A phenomenological study on the perceived impact of a full-ride scholarship for lower-income Latin American recipients  
KATERIN VARELA - Welfare Public Policy and Perception

## Panel M Maes 115

BRENNA SALLEE - The Wasteful Life of the Bourgeoisie: A Marxist Viewpoint on The Ice Storm  
KAYLA ALLEN - Weddings of the Early 1800s: When the Traditions Started  
MAEGAN FITZPATRICK - Individualistic Symbolic Imagery on Gravestones Reflects a Change in Societal Values  
WILLIAM FOX - Gone from Texas: Varieties of Racism on the Texas Trail of Tears

## Panel N Speech and Hearing 170

TANNER CHAFFIN - An Exploration into Police Recruitment and its Effect on Policing  
MCCAIDE FLETCHER - A Sociological View of the Harris County Jail Tour  
MIRANDA SIMMONS - Memory and the War on Drugs  
WILLIAM ZENOR - Gun Restrictions in Texas

## Panel O Speech and Hearing 180

DENISE ZEPEDA - Going Viral?: Witchcraft Accusations in Colonial New England  
MADELINE MEYLOR - Traitors and Tyranny: Secret Agents of the American Revolution  
JEWEL ALESHIRE - Women Spies in the Civil War  
MADISON SHINGLETON - Cemetery Analysis: Social Data Limitations

# SESSION III

11:20 - 12:20

## Panel A Reaud Honors College 120

KIMBERLY AUSTIN - Compassion Based Meditation as a Stress Management Technique for Nursing  
MARIAH GLOVER - An Analysis of Nursing Student Exams: Creating a Progression of Higher-Level Thinking  
SAMUEL WHITE - Bacterial Growth on Identification Badges  
MAGALI DE LA ROSA AND BRIANNA HOWARD - Best Nursing Standards of Care for Sexual Assault Victims

## Panel B Reaud Honors College 102

PAUL REICHENBERGER - Financial Literacy: A problem that affects us all  
CHARLES MOCK - Business Incentives: Examining Healthy Lifestyles in the Workplace  
KYRIA AHO - Students' Perception of Accounting Ph.D. Prep Programs in the Texas A&M University System  
ERIN HALEY - Brace for Impact: A Guide to Revenue Recognition Change in 2018

## Panel C Reaud Honors College 104

HANNA JACULBE - Women Talk too Much: Myth or Fact?  
ZIEZIE GREENWOOD - How Qualified is She, or Does It Matter?  
CAYLIE RATZLAFF - Cracking the Chrysalis of Institutionalized Sexism  
AMAIRANI PEREZ CHAMU - Gender Wars: The Women's Fight for Equality in the Film Industry

## Panel D CICE Training Center A

CONNOR THOMPSON - Torture in the War on Terror: A Moral Dilemma  
THEODORE WHEELER - With Great Power: Should the American Psychological Association be involved in torture?  
THAO TRAN - Listen to Their Voice  
AKSHAYA GARIMALLA - Polish Exceptionalism: Property Restitution in Poland and the Judeo-Communist Myth

## Panel E CICE Training Center B

JACOB FILES - Feminism or Sexism?: A Rhetorical Criticism of Sharknado  
JESUS PATINO - The Cultural Shift of the Apocalypse: From Religion to Comic Book Canon  
CHEYENNE STOKES - Angel of the Mourning: A Rhetorical Criticism of Deadpool (2016)  
COURTNEY MOORE - The Following: A Leader's Impression

## Panel F CICE Computer Training Room

ANDREW JOHNSON - When Worlds Align: Calculating the Period of Planetary Alignment  
LEI GONZALEZ - Fly-By: The Theoretical Dates That Pluto Comes the Closest to Neptune and Uranus  
TAYLOR MALOTT - Thomas the Tank Engine, Calculus, and the Real World  
NATHAN CLEAVINGER - What Can We Improve? A Study of Math Pedagogy at the Collegiate Level

## Panel G Maes 101

LYNDSIE BEESLEY - Who Tells Your Story: Seeing the Harlem Renaissance Through Hamilton  
JOSHUA ESPINALES - "You Kant Do That": White Apotheosis and Historical Truth  
SARAH SPOON - A Forgotten Genre Used to Mock an African Princess and Former Slave  
ALENA JOHNSTON - Denton Cooley: Trailblazer in Cardiac Surgery

## Panel H Maes 102

ANDREA SCHALE - The Impact of ADHD Medication on College Students with Disabilities  
RHEMA STEWART - Obstacles and Options to Employment Barriers for Adults with Disabilities: A Mixed-Methods Study  
ANJA BOIN - Therapy Methods for Autistic Children  
EMILY ALSOP - Lost in a Sea of Language: Living with Right Hemisphere Disorder

## Panel I Maes 103

THOMAS SWEENEY - Cast Away: An Existential Survival Story  
JACK TYLER - The Ironic-Prophetic Self in the Underground Man and in Jonah  
STEPHEN STEEN - Logical Analysis and the Implications of Moral Luck  
BRANDON SCHRADER - An Increasing Need for Empathy: Where it Comes from and Why It Matters

## Panel J Maes 108

MORGAN GUREL - The Sanctity of Death: An Argument for Physician-Assisted Suicide  
BRANDON HUDSON - Dallas Buyers Club: An Exploration of Capitalism and the AIDS Epidemic  
AIDA PADILLA - Kendra's Law  
PAULA CARLEEN HEITLAND - The Light of Truth

## Panel K Maes 112

JOSUE SANCHEZ - Economic Gap: The South Texas Region  
HENRY WEINER - Trickle-Down Economics and Kansas' Struggles  
CINDY GASCA - Government Regulation on an Innovating Economy: Uber  
LAURA SALTER - Reconsidering Economic Sanctions: An Institutional Analysis

## Panel L Maes 114

HOLLY PROENZA - Cybercrime  
MAEGAN HAMMIL - Shameful Neglect  
PATRICK DEPAULA - Improving Policy: Analysis on the Prostitution and Sex Industry with Implications for Country Decision Making  
BRENDA BENNETT - Comparing consequences of Abusing Children and Dealing Drugs

## Panel M Maes 115

MOHAMMAD MOAWAD - On the Necessity of Language in the Process of Recognition  
KRISTEN CUCURELLA - Memory: Culture, Deception and Effects  
BRITANE HUBBARD - Theory Ladenness of Observation and How It Applies to Criminal Negligence  
LEAH BURT - "We Count": Representations of Innocence in Individuals with Intellectual Disabilities in Contemporary Young Adult Literature

## Panel N Speech and Hearing 170

CARLEIGH STEIN AND KATHERINE HAYS - Microbiology Techniques: The Process of Creating a New Agar-Based Media Specifically for Soil Microbes  
DANIELA ORTIZ - The Effect of Various Phosphate Sources During Gene Expression and Mineralization  
LEORA SEILER - The Causative Agent of Lyme Disease; A Historical and Scientific Perspective  
SAMI REHMAN - Biological Identity: The Distinctive Immune System

# ORAL PRESENTATION DESCRIPTIONS

A.

I - A 9:00 - 10:00 AM

**ABDEL-JAWAD, CAMILLE / CANDACE COTE** |

Emporia State University

**Community Engagement: Starting a Traditions Program**

Facing the adaptive challenge of fostering meaningful connections between the campus and community, Emporia State University developed the Becoming a Forever Hornet: The Traditions Keeper Program. This session details their trials and successes throughout the development of the program and its lasting effect on the community.

I - M 9:00 - 10:00 AM

**ABOTTEEN, LEYLA** | Richland College

**Youth Rising**

There is a stereotype that young adults do not care about political and social issues. Various examples in historical fiction narratives and in real life show that they care. Dictatorial governments, in particular, may have a negative effect on them, which leads them to advocate and fight for change.

III - B 11:20 - 12:20 PM

**AHO, KYRIA** | Texas A&M University-Commerce

**Students' Perception of Accounting Ph.D. Prep Programs in the Texas A&M University System.**

The shortage of Ph.D. holders in accounting is now at a crisis level. The establishment of an accounting Ph.D. prep program has been recommended as a viable solution. The purpose of this study is to assess students' perception of such a program to determine the feasibility of the recommendation.

II - O 10:10 - 11:10 AM

**ALESHIRE, JEWEL** | Tarrant County College

**Women Spies in the Civil War**

The research shows that over 100 women became spies in the Civil War. The most notable spies, Elizabeth Van Lew and Maria Isabella Boyd, used unconventional techniques to avoid detection. This presentation analyzes the motives and methods of these two brave women during the Civil War.

II - M 10:10 - 11:10 AM

**ALLEN, KAYLA** | Tarrant County College

**Weddings of the Early 1800s: When the Traditions Started**

This research shows how weddings of today have been affected by changes made in the early nineteenth century. It explores the reasons behind wedding traditions lasting for centuries and describes the initial creation of a prosperous wedding industry that still thrives today.

III - H 11:20 - 12:20 PM

**ALSOP, EMILY** | John Brown University

**Lost in a Sea of Language: Living with Right Hemisphere Disorder**

My paper is on Right Hemisphere Disorder and the effects it has on the person or child who has this disorder. Unfortunately, it is often misdiagnosed which has serious repercussions on the child's life. Being able to recognize the symptoms can allow the child to live a full life.

II - D 10:10 - 11:10 AM

**ATES, AYSEGUL** | Richland College

**The Yazidi Women Captured by ISIS**

The Yazidi women and children are being targeted by the Islamic State, ISIS. The state is abducting and forcing them into sex slavery.

III - A 11:20 - 12:20 PM

**AUSTIN, KIMBERLY** | The Honors College at LSC-Montgomery

**Compassion Based Meditation as a Stress Management Technique for Nursing Students**

This study looks at the use of compassion based meditation by health care providers and nursing students and its effectiveness in managing stress. It finds that student nurse volunteers in the study experienced a statistically significant reduction in blood pressure, heart rate, and stress levels after meditation sessions.

B.

I - C 9:00 - 10:00 AM

**BABER, CEM** | San Jacinto College South

**The Legend of Benjamin Rush**

While Benjamin Rush is not a household name like George Washington or Thomas Jefferson, this presentation seeks to show that Rush deserves a place of greater prominence among the founding fathers for his revolutionary-era contributions and social reforms.

I - I 9:00 - 10:00 AM

**BAKER, CURT** | Harding University

**The Lighthouse of Pharos**

The "Seven Wonders of the Ancient World" are almost mystical reminders of the glory of past civilizations. This study gives us a glimpse of the glory, history and spectacular scope of the Lighthouse of Alexandria (Pharos).

II - H 10:10 - 11:10 AM

**BARNES, SAMUEL** | Tarrant County College - SE Campus

**Ethical Egoism: An Incomplete and Flawed Recipe to Life**

Life is full of value, and not all that value is found in oneself. Ethical Egoism states that the action that benefits most the self is right, and an action that goes against one's self-interest is simply wrong. This presentation examines *Of Mice and Men*, as an ethical egoist would see it, and discusses why such a guide to action is, in fact, severely flawed.

III - G 11:20 - 12:20 PM

**BEESELY, LYNSIE** | East Central University

**Who Tells Your Story:**

**Seeing the Harlem Renaissance through Hamilton**

This paper argues that Shakespeare's sonnets and the poems of Harlem Renaissance writers Langston Hughes, Countee Cullen, and Georgia Weldon Johnson connected to their cultures in the same way that *Hamilton: An American Musical* is now.

II - B 10:10 - 11:10 AM

**BELL, CLINTON** | Lone Star College - North Harris

**Information Retrieval:**

**How It Works, and Why You Should Know**

The goal of this study of information retrieval systems, like those such as Google, is to gain an understanding of how they function, and how they rank their results, achieved by researching methods used in information retrieval, and using computer programs to assist in running the calculations to test our findings.

III - L 11:20 - 12:20 PM

**BENNETT, BRENDA** | Harding University

**Comparing Consequences of Abusing Children and Dealing Drugs**

The legal consequences of abusing children and dealing drugs vary across jurisdictions. Parents who abuse youth face jail time while children live with emotional and physical scars a lifetime. The study examines the criminal charges and internments of adults who abuse children as compared to those who deal drugs.

II - K 10:10 - 11:10 AM

**BENSON, LANCE** | Harding University

**Isolation and Identification of a Fat-Mobilizing Substance [FMS] in Humans as the Result of Fasting**

This study seeks to isolate FMS from the urea of human patients who have undergone the fasting stage, initiating the production of the protein. Determining the protein coding sequence could aid in future studies seeking to induce fat mobilizing activity without submitting subjects to a fasting state.

II - A 10:10 - 11:10 AM

**BOCONVI, CORINE** | Lone Star College-CyFair

**Mental Health: A Growing Concern Among College Students**

This research explores the subject of mental health in college students and the services available on campus. An investigation of the impact of available mental health services was conducted using a literature review and a campus survey. The results include a proposal for change designed to address this important problem.

III - H 11:20 - 12:20 PM

**BOIN, ANJA** | West Texas A&M University

**Therapy Methods For Autistic Children**

The purpose of this research is to explore many different therapy options for autism, specifically parent-child interaction therapy (PCIT), equine-assisted therapy (EAT), intention-based therapy, speech therapy, play therapy, and occupational therapy using sensory integration (OT/SI), in further detail and discuss the efficacy and results of such methods.

I - J 9:00 - 10:00 AM

**BORDEN, ANDREA** | McLennan Community College

**Shooting Questions about Shots:**

**Assessing Public Opinion and Awareness of Mandate on Vaccines**  
The goal of this study was to assess the public's knowledge and perceptions of vaccines. Surveys were conducted through social media and hard copy distribution. Additional face-to-face interviews were collected. By examining public opinion and knowledge, an action plan can be developed to better educate the public on vaccine health.

II - F 10:10 - 11:10 AM

**BOWLES, KATELYN / GREENHALGH, MARGARET** |  
Midwestern State University

### Honors Music Appreciation

From Tin Pan Alley to YouTube, American Popular Music has progressed exponentially from its beginnings. In this presentation, we explore key genres of music along a chronological time span from the late 19th century to the 21st, and touch on integral artists of each genre.

III - M 11:20 - 12:20 PM

**BURT, LEAH** | John Brown University

### "We Count":

#### Representations of Innocence in Individuals with Intellectual Disabilities in Contemporary Young Adult Literature

Through analysis of five contemporary young adult novels featuring characters with intellectual disabilities – an underrepresented demographic in young adult literature – I argue that in defining characters with intellectual disabilities as innocent, they are stripped of their right and ability to socialize, empathize, and interact with their peers, perpetuating their isolation.

II - H 10:10 - 11:10 AM

**BUTLER, MEGAN L.** | NorthWest Arkansas Community College

### There is Beauty and Much to

#### Gain from Conversing with Strangers.

"There are no strangers, only friends you have not met yet." - W.B. Yeats. This quote is incredibly important to consider in a society that seems to hold a general disinterest towards others and their affairs. My research essay delves into the idea that if we were to shift this disinterest towards strangers and instead offer our assistance, experiences, and support towards each other, the gap between us and strangers could be bridged and strengthen us as people in a way that promotes peace.

I - C 9:00 - 10:00 AM

**BUTSCHEK, BLAKE** | Lone Star College - University Park

### Watcher of the Waves:

#### The United States Navy's Mission since Pearl Harbor

This project explores the change in the United States Navy's approach to world power and security since the Attack on Pearl Harbor on December 7, 1941, examining the Battle of Midway and the Battle of Leyte, as well as the factors identifying post-World War II naval operation, including "A Cooperative Strategy for 21st Century Seapower."

C.

II - J 10:10 - 11:10 AM

**CASADOS, CASSANDRA / HERRING, EMILEE** |  
San Jacinto College-Central Campus

### Does Old Makeup Mean Bad Makeup?

The purpose of this project is to determine the species diversity and amount of bacteria which accumulates on the cosmetics that we apply near the vulnerable areas of our faces.

I - K 9:00 - 10:00 AM

**CHACON, MARCO** | Lone Star College-CyFair

### Identifying Freshwater Fish Diversity and Their Intestinal Symbionts in the Lone Star College-CyFair Ponds

In this project, fresh water fish populations in the Lone Star College-CyFair campus were identified by DNA barcoding to validate classical taxonomy approaches. In addition, an initial assessment of intestinal flora of various fish species was begun to better understand the microbial symbionts and their derivation.

II - N 10:10 - 11:10 AM

**CHAFFIN, TANNER** | McLennan Community College

### An Exploration into Police

#### Recruitment and Its Effect on Policing

This exploratory study used surveys and interviews to better understand the standards and prerequisites involved in the recruitment process of police officers on a local scale, as well as examine the potential problems that can be associated with these factors.

II - I 10:10 - 11:10 AM

**CISNEROS, JOSE** | Richland College

### Sports, Power, and Education

Should college athletes be paid? That might be the question that influences where the youth of tomorrow seeks their education.

III - F 11:20 - 12:20 PM

**CLEAVINGER, NATHAN** | Lee College

### What Can We Improve?

#### A Study of Math Pedagogy at the Collegiate Level

Math pedagogy is a pressing issue in many educational circles, troubling researchers, mathematicians and educators nationwide. Based on extensive personal interviews and research, this discussion approaches the situation from a personal level, and examines how students, teachers, and administrators currently function and explores areas that each group could improve in.

I - M 9:00 - 10:00 AM

**COZART, BRIAN** | Harding University

### Erikson's "Identity and the Life Cycle: An Analysis

Identity and the Life Cycle is a collection of three papers written by Erik Erikson that were originally published in 1959. This paper will lay a foundation for Erikson's theories by introducing his emphasis on the interplay between the societal, psychological, and physical causes of development.

III - M 11:20 - 12:20 PM

**CUCURELLA, KIRSTEN** | Johnson County Community College

### Memory: Culture, Deception and Effects

The human mind, while amazing in its own rights, is far from perfect. Different ways to access memories, memory manipulation, the effect memory has on the development and preservation of culture, and a focus on how the Mandela Effect has affected society will be explored.

I - B 9:00 - 10:00 AM

**CULVER, ROSEMARY** | Lone Star College-Kingwood

### The Vanishing of True Self in Modern Culture and No Face from Miyazaki's Spirited Away

This research project explores the meaning behind Miyazaki's character No Face from the animated film Spirited Away. The story of No Face represents an issue the Japanese were dealing with during the 1960s to 1980s: vanishing traditions due to the rise of consumerism.

II - I 10:10 - 11:10 AM

**CURRY, TRENT** | McLennan Community College

### An Examination of Health-Related

#### Issues for Percussionists in Marching Band

Many percussionists join marching band without realizing potential health problems, such as back and wrist pain, dehydration, stress, and more. This research focused on exploring the health effects on marching band percussionists. In-depth interviews were conducted with percussionists presently in marching band, as well as former drum corps.

D.

II - A 10:10 - 11:10 AM

**DANLEY, ABIGAIL** | John Brown University

### Deep Hunger Pangs:

#### Eating Disorders Portrayed in Young Adult Literature

Teenagers suffering from eating disorders can benefit from reading young adult novels portraying characters dealing with an eating disorder. By seeing the effects of the controlling eating disorder outside of themselves, readers will hopefully make progress towards realizing the pain and destruction of their own disorder.

I - E 9:00 - 10:00 AM

**DAYAG, SIDNEY** | Lone Star College - North Harris

### Brain Training Games:

#### Testing its Efficacy on Rewiring the Brain

This project examines the role of brain training games on neuroplasticity and gauges the effectiveness in improving cognitive abilities in a healthy adult brain. Primary research involved conducting an experimental study using Honors College students who played the brain training game, Lumosity™.

III - A 11:20 - 12:20 PM

**DE LA ROSA, MAGALI - HOWARD, BRIANNA** |

McLennan Community College

### Best Nursing Standards of Care for Sexual Assault Victims

On average, there are 321,500 victims of sexual assault per year in the United States (Department of Justice, 2015). Responding appropriately is crucial in providing medical care that exhibits comfort, makes the patient feel safe, and respects privacy. The purpose of this research project was to identify the best nursing standards of care for sexual assault victims.

III - L 11:20 - 12:20 PM

**DEPAULA, PATRICK** | Lone Star College - North Harris

### Improving Policy: Analysis on the Prostitution and Sex Industry with Implications for Country Decision Making

This research investigates how the prohibition model of prostitution fails to improve the economic well-being of willing prostitutes, and instead incentivizes human trafficking resulting in increased global recognition of policy alternatives: full decriminalization and half decriminalization. The implementation of solutions is funneled through a policy decision-making process.

II - H 10:10 - 11:10 AM

**DIAKITE, MARIAM** | Tarrant County College - SE Campus

### Between the Heart and the Reason

Love is one of the essence of the world, but is love

I - N 9:00 - 10:00 AM

**DONOVAN, ASHLEY** | Oklahoma State University

### The Rise of Rap Music and its Influence on Race Relations and Social Movements

Social change often flourishes with help of a pop-culture presentation to the masses. The genre of rap music has developed from a way to pass the time into a way to change the time. Improvements in race relations have been fueled through the culture rap music has created.

I - A 9:00 - 10:00 AM

**DOWNING, GAVIN** | Tyler Junior College

### Liberating the Classroom: Advocating for a Shift Towards Critical Pedagogy in the United States

By advocating for critical pedagogy as an alternative to the status quo, we can connect the dots between the roles of Michael Foucault's theories of biopower and Panopticism and Paulo Freire's conceptualization of the Oppressed to conclude that critical pedagogy is critical to deconstructing the means of maintaining power over individuals as a means of enforcing repression upon groups classified as minorities.

II - F 10:10 - 11:10 AM

DUKATNIK, KENDRA | West Texas A & M University

**THE MUSICAL MYSTERY:  
AN EXPLORATION IN PLAYWRITING**

This project investigates the elements required to compose an original musical. The goal of this project is to provide an individual case study detailing the effort necessary to complete a musical, as well as preview some steps leading to a career as a playwright or composer. Write a small musical.

I - H 9:00 - 10:00 AM

DUNN, KAMERON | Southeastern Oklahoma State University

**Dhuoda, Heloise, and the Interrelation  
of Gender and Identity in the Middle Ages**

Christian faith in the Middle Ages allowed women to subvert traditional gender roles in both secular and divine spaces. This presentation references the medieval writings of Dhuoda, Heloise, and Peter Abelard to demonstrate methods in which women took command of their identity as well as their worldly and divine influence.

E.

I - I 9:00 - 10:00 AM

ESCOBAR, ROXANA | Harding University

**Neuroaesthetic Analysis of "On the October Trail"  
(A Navajo family)**

"On the October Trail" is a mesmerizing painting by N.C Wyeth that portrays a native American Indian family from the Navajo tribe. This presentation analyzes the use of simplicity, symmetry, color and light that Wyeth employs to define their life and culture.

III - G 11:20 - 12:20 PM

ESPINALES, JOSHUA | San Jacinto College North Campus

**"You Kant Do That":  
White Apotheosis and Historical Truth**

This presentation argues that neither side (Native-American or Spaniard) encompasses the historical truth. In keeping with Kant's moral philosophy, honoring the agency of others is the only way to ensure our own agency finds dignified treatment at the hands of future historians.

F.

I - O 9:00 - 10:00 AM

FALADE, OLAJUMOKE | Texas A&M International University

**North Korea's Songbun System**

My presentation discusses the three different class levels in North Korea ("Songbun"), how it was created, and the way in which it controls marriages, the economy, and the government.

II - K 10:10 - 11:10 AM

FERNANDO, CHAMIL | Emporia State University

**An Investigation into Root Causes of Obesity:  
How dysbiotic gut microbiota can be rebalanced into  
symbiosis to achieve optimal health and optimum weight.**

This research paper explores how gut microbial dysbiosis causes obesity and what lifestyle changes can bring the gut microflora into symbiosis to secure optimal health and optimum weight. The importance of lifestyle is emphasized as the best strategy for lasting change.

III - E 11:20 - 12:20 PM

FILES, JACOB | Lone Star College Tomball The Honors College

**Feminism or Sexism?: A Rhetorical Criticism of Sharknado**

One would think that with the female character Nova Clarke fearlessly brandishing shotguns and chainsaws against a shark onslaught, Sharknado breaks the mold of sexist films. However, applying Judith Butler's theories to Sharknado suggests that the film intentionally parodies women as competent fighters and is actually a reification of sexism.

II - M 10:10 - 11:10 AM

FITZPATRICK, MEAGAN | San Jacinto College-Central Campus

**Individualistic Symbolic Imagery on  
Gravestones Reflects a Change in Societal Values**

Type descArchaeologists seek to make inferences about a society by analyzing their material remains. In this modern material culture study, I attempted to draw conclusions about changing societal values by collecting data on the symbolic imagery present on gravestones at a local Cemetery, Grand View Memorial Park in Pasadena, Texas.

II - N 10:10 - 11:10 AM

FLETCHER, MCCADE | San Jacinto College-Central Campus

**A Sociological View of the Harris County Jail Tour**

Have you ever been to jail? I have. This session will bring about an understanding of the functions and dysfunctions of a jail using the three sociological perspectives, and focuses on the impacts of being jailed, working at a jail, and how jails effect our society as a whole.

II - M 10:10 - 11:10 AM

FOX, WILLIAM | Northeast Texas Community College

**Gone from Texas:  
Varieties of Racism on the Texas Trail of Tears**

Unlike the eastern Trail of Tears, the 1839 Texas Trail of Tears reached a violent climax. My essay shows that both the Texans, and the traditionalist Cherokee were infused with a variety of racist attitudes, ranging from the demonizing racism of Edward Burleson, to the "soft" racism of Sam Houston.

G.

II - B 10:10 - 11:10 AM

GALLEGOS, ADRIAN | Harding University

**Comparing the Stellarator and Tokamak:  
Two fusion alternatives**

Nuclear fusion can deliver nearly unlimited clean energy. Unfortunately, current designs and technologies have inherent handicaps that plague scientists and engineers. This presentation will compare two leading designs in thermonuclear fusion devices, the tokamak and the stellarator, and tellarator, and draw a variety of comparisons/conclusions.

III - D 11:20 - 12:20 PM

GARIMALLA, AKSHAYA | University of Arkansas at Little Rock

**Polish Exceptionalism:**

Property Restitution in Poland and the Judeo-Communist Myth  
Drawing from primary and secondary sources, I explain why Poland's procedures for Jewish property restitution were less successful than other Eastern European countries. The post-war Polish Communist regime invoked the Jewish-Bolshevik conspiracy myth to downplay its own expropriation policies. Hence post-communist Polish lawmakers resisted the pressure for restitution.

III - K 11:20 - 12:20 PM

GASCA, CINDY | Lone Star College - North Harris

**Government Regulation on an Innovating Economy: Uber**

This study examines Uber's impact in the transportation market and how its services differ from a traditional taxi cab. A lit review, comparative analysis, and survey were conducted, arguing that Uber adds healthy competition to the transportation industry, and that government intervention is not necessary.

I - O 9:00 - 10:00 AM

GEBEL, HANNA | Midwestern State University

**Hitchcock's Objectification of Women in Auteuristic Cinematics**

Whether Alfred Hitchcock was misogynistic and objectified women is greatly debated. This paper deals with how Hitchcock's objectification of women is reflected in his auteuristic cinematics. The three Hitchcock classics Rear Window, Vertigo and Psycho, are analyzed as well as Hitchcock's relationship with Tippi Hedren.

I - A 9:00 - 10:00 AM

GILLIAM, TIFFANY | University of Texas at Tyler

**Visual Recognition Analysis:  
Communicating Honors Effectively**

The Honors Program at UT Tyler is provides a rigorous and innovative education, but often faces challenges in communication. For this project, I will discuss how I created and maintained a high-level intellectual standard of content and marketing for the entire Honors Program, both internally and externally.

III - A 11:20 - 12:20 PM

GLOVER, MARIAH | McLennan Community College

**An Analysis of Nursing Student Exams:  
Creating a Progression of Higher Level Thinking.**

Associate Degree Nursing Programs are tasked with raising student scores on the National Council Licensure Examination - Registered Nurse (NCLEX-RN). The purpose of the research was to analyze previous course exams and redesign the exams to create a progression of higher level thinking according to Bloom's Taxonomy.

I - L 9:00 - 10:00 AM

GOIN, ELLIE | Tarrant County College - SE Campus

**A Consequentialist Analysis of  
Harry Potter and the Order of the Phoenix**

The Harry Potter universe is occupied by characters with complex personalities and motivations. Hermione, Dumbledore, the Weasley twins, and Umbridge all read like real people - and we can judge them not only the moral theories they hold, but also by whether or not they fulfill them.

II - G 10:10 - 11:10 AM

GONZALES, ANGELO | McLennan Community College

**A Quantitative Study: The Correlation Between  
Social Media Usage and Face-To-Face Communication**

In this study, 381 college students were surveyed to see if the use of social media interactions decreased face-to-face communication. Because social media has become such an important means of communicating in the 21st century, it is important to examine how it may be impacting the more traditional face-to-face platform.

I - I 9:00 - 10:00 AM

GONZALEZ, ALCMENE | Lone Star College - North Harris

**Surviving Kaqchikel:  
A Sociological Perspective on the Mayan Woman**

This project applies the Structural Functional, Conflict, and Symbolic Interaction sociological theories to examine the effects of 16th century Spanish conquest in Mesoamerica on Mayan women, specifically of the Kaqchikel tribe, to view the importance of woman's role in the preservation of Kaqchikel Mayan subculture.

**GONZALEZ, LEI** | Lone Star College-Kingwood III - F 11:20 - 12:20 PM

### Fly-By: The Theoretical Dates That Pluto

#### Comes the Closest to Neptune and Uranus

The purpose of this paper is to find the theoretical dates in which Pluto, with its irregular orbit, comes the closest to Neptune and Uranus. These dates hold great importance to astrophysics because they demonstrate the 2:3 mean motion resonance of Pluto with Neptune, and they confirm Pluto's orbital path.

**GREENWOOD, ZIEZIE** | San Jacinto College South III - C 11:20 - 12:20 PM

### How Qualified is She, or Does It Matter?

This presentation discusses the main ways gender discrimination in the workplace manifests. The topics of the gender pay gap, glass ceiling, and glass cliff are discussed as they pertain to the entire population, not just women or minorities.

**GREGORY, ALLYSON** | East Central University II - E 10:10 - 11:10 AM

### Medusa as the Victim:

#### An Analysis of Eudora Welty's The Golden Apples

Eudora Welty appropriates Medusa by transforming her from monster to victim and victim to hero. By doing this, Welty is not only causing society to view Medusa differently, but she is empowering people who are seen as outsiders.

**GUREL, MORGAN** | John Brown University III - J 11:20 - 12:20 PM

### The Sanctity of Death:

#### An Argument for Physician-Assisted Suicide

This paper addresses the question of legality concerning a terminally ill patient requesting a physician-assisted suicide in the United States, and argues that the law should not prohibit one with a terminal illness from receiving aid-in-death from their doctor.

**GUTIERREZ, SANTIAGO** | Brazosport College II - B 10:10 - 11:10 AM

### The Origin of Mass: Discovering the Higgs Boson Particle

This presentation summarizes the processes leading to the discovery of the Higgs Boson Particle, which helped to explain the origin of mass in the universe. It discusses the challenges and boundaries of scientific convention while discovering this new phenomena.

# H.

**HALEY, ERIN** | John Brown University III - B 11:20 - 12:20 PM

### Brace for Impact:

#### A Guide to Revenue Recognition Change in 2018

The presentation will explain the Accounting Standards Update 2014-09 by familiarizing the audience with the revenue recognition principle and describing what steps companies are taking to prepare for the 2018 update. The research will explain why the change was issued by examining the past, present, and future of revenue recognition.

**HAMMILL, MAEGAN** | Tarrant County College - SE Campus III - L 11:20 - 12:20 PM

### Shameful Neglect

In many social situations, men are not being defended against abuse. The overall statistics of this problem will be discussed, as well as a solution that can protect abused men and change how society views physical and sexual assaults against them.

**HARRIS, MERCEDES** | Oklahoma State University I - K 9:00 - 10:00 AM

### Westbrook, an Ecologically Engaged

#### Urban Development for the City of Chicago

More people call cities home now than ever before. The proposed architectural and urban development focuses on how to make cities accessible and affordable to young couple and families. This creative work focuses on the removal of large scale automobile infrastructure in order to create room for community green spaces.

**HEITLAND, PAULA CARLEEN** | East Central University III - J 11:20 - 12:20 PM

### The Light of Truth

The need for a formal apology to African Americans is addressed in this essay. Arguments for and against are noted, and facts related to the history of racial oppression, current racism, and cumulative effects are discussed.

**HEMBREE, CASSANDRA** | East Central University II - E 10:10 - 11:10 AM

### Frankenstein: A Shockingly Feminist Tale

In his 2011 play "Frankenstein," Nick Dear introduces an unnecessary rape scene that is not in the novel the play is based on. This common trope violates the feminist values highlighted in Mary Shelley's novel.

**HOLT, BERNADETTE** | NorthWest Arkansas Community College II - G 10:10 - 11:10 AM

### The Rhetoric of Age-Old Racism

I took a public discussion posted on a civilian's Facebook page and did a close analysis of the author's language mechanisms, how they were used to create a particular argument, and how language functions to shape the issue. The way issues are portrayed through language can divide the mass public.

**HUBBARD, BRITANE** | Missouri Western State University III - M 11:20 - 12:20 PM

### Theory Ladenness of Observation and How It Applies to Criminal Negligence

This paper addresses our criminal justice system in America. I use the "Theory Ladenness of Observation" and Gestalt psychology to explain why our criminal justice system has different standards of negligence for professionals than the average citizen. I also include real legal cases to demonstrate how negligence is charged.

**HUDSON, BRENNNA** | Angelo State University II - K 10:10 - 11:10 AM

### The Physiological Development of the Young Female Dancer

This presentation explores the physiological development of the young ballet dancer as she progresses through the Royal Academy of Dance curriculum and the advancement that she achieves throughout the physical activity of dance, as well as possible injuries sustained from the activity and other possible health concerns that may arise.

**HUDSON, BRANDON** | Lee College III - J 11:20 - 12:20 PM

### Dallas Buyers Club:

#### An Exploration of Capitalism and the AIDS Epidemic

Dallas Buyers Club depicts the complicated relationship between AIDS patients and the pharmaceutical industry. Using Marxist criticism, original analysis, and research, this presentation explores the price of human life in a capitalist culture.

**HWANG, JENNY** | Lone Star College - North Harris I - H 9:00 - 10:00 AM

### A Sociological Analysis of Margaret Fuller's Transcendentalist Conceptualization of Womanhood

This interdisciplinary research project examines the historical rationale behind Margaret Fuller's application of the Transcendentalist ideology in order to redefine the role of women in the early 19th century society. Fuller's accomplishments are analyzed using two sociological theories, the structural functional theory and conflict theory.

# J.

**JACULBE, HANNA** | John Brown University III - C 11:20 - 12:20 PM

### Women Talk too Much: Myth or Fact?

There is a prevalent idea that women dominate talking time and men are forced to be "silent patient listeners." There are, however, several studies that contradict this statement. According to certain studies, the amount men and women talk seems to depend on the situation.

**JALILOV, MURAD** | Emporia State University II - C 10:10 - 11:10 AM

### Reevaluating US-Russia relations

The US traditionally has marked out a position on the world stage as an opponent of the Eurasian expansion of former Soviet Union and lately of the Russian Federation. The best for Russia best choice was the election of Donald Trump. This research is exploring the effects of Trump's presidency on US-Russia relations.

**JOHNSON, GINGER** | East Central University I - L 9:00 - 10:00 AM

### Moral Value? - As if! :

#### Viewing Clueless through Kant and Aristotle

Clueless is a classic 90s comedy that is loved by many, but what kind of a person is its lead character, Cher? We can use the philosophies of Immanuel Kant and Aristotle to look at both the good and bad sides of Cher and determine just how clueless she really is.

**JOHNSON, ANDREW** | Lone Star College - University Park III - F 11:20 - 12:20 PM

### When Worlds Align:

#### Calculating the Period of Planetary Alignment

The focus of this project is to calculate the amount of time it takes for all eight planets to be arranged in a single line, otherwise known as a planetary alignment, using a series of parametric equations and positional and movement data of the planets from the National Aeronautics and Space Administration (NASA).

**JOHNSTON, ALENA** | San Jacinto College South III - G 11:20 - 12:20 PM

### Denton Cooley: Trailblazer in Cardiac Surgery

This presentation points out the important contributions of Dr. Denton Cooley: the founding of the Texas Heart Institute, the implantation of the first Totally Artificial Heart, a school of surgery at St. Luke's Episcopal Hospital, and the creation of several devices and methods used in cardiac and aortic surgery.

# K.

**KENDRICK, AARON** | Lone Star College-Kingwood  
I - E 9:00 - 10:00 AM

## The Use of Calculus in Computer Programming Language Functions

This paper compares various popular programming languages to find a correlation in their use of calculus-based functions. The primary correlation is that languages designed for specific uses, such as making games, are more likely to contain calculus-based functions than more general languages designed to encompass a variety of uses.

**KHALID, SANA** | Texas Woman's University  
II - K 10:10 - 11:10 AM

## Validity of BMI in Pediatrics

Seventeen percent of children in the United States have been classified as overweight or obese. The primary tool used to assess obesity is the body mass index (BMI) chart. Many clinicians have questioned the BMI system's validity, because it does not account for changes in body composition or muscle mass.

**KORSAH, JESSE** | Brazosport College  
I - A 9:00 - 10:00 AM

## Ethics in the Real World:

### Integrating Intercollegiate Ethics Bowl

### Competition into the Brazosport College Honors Program

The Intercollegiate Ethics Bowl applies ethical principles to timely and current scenarios in a debate-style competition. More importantly, team members are intellectually challenged with critical thinking skills, differing viewpoints, teamwork, and an understanding of real-world ethical principles that enhance the Honors Program experience.

**KOUNS, MARY** | Lone Star College Tomball The Honors College  
II - E 10:10 - 11:10 AM

## What's Worse, Lookin' Jealous or Crazy?:

### A Content Analysis on the Portrayal of

### Women in Pop Music Videos About Adultery

This project analyzes five pop music videos from the April 2016 Fuse.com article "24 Revenge Music Videos for When They Cheat You" to reveal that the pop music industry's portrayal of women's reactions perpetuates the crazy woman narrative and confines women to dangerously reactive responses when confronted with romantic betrayal.

I - H 9:00 - 10:00 AM

**KRAUSE, EMILY** | Angelo State University

## Third-Party Education in the Fairy

### Tales of Kinder- und- Hausmärchen

This presentation analyzes four Grimm fairy tales that exemplify the concept of the third-party education of females to create an ideal bourgeois woman of society against the backdrop of early 19th century political and cultural developments which emphasized the need for obedience and productivity among the bourgeois population.

II - L 10:10 - 11:10 AM

**KUYKENDALL, ALIYA** | John Brown University

## International development through educational scholarships:

### A phenomenological study on the perceived impact of a full-ride scholarship for lower-income Latin American recipients

Are international undergraduate scholarships successful in promoting international development? In 1985, Sam Walton founded a scholarship for Central American students to come to the U.S. if they agreed to return to their home countries after. Over 30 years later, this qualitative phenomenological study seeks to understand alumni's lived experiences.

# L.

I - J 9:00 - 10:00 AM

**LANCASTER, ZACHARY** | McLennan Community College

## Maximizing study habits:

### Uncovering music characteristics that help maintain focus

College students were surveyed to uncover which characteristics of music they find most comfortable for studying and retaining information. This survey asked about the characteristics of the music that students find most helpful in maintaining focus, such as the speed or volume.

I - F 9:00 - 10:00 AM

**LEONARD, GARRETT** | NorthWest Arkansas Community College

## The Roles Women Fill in Early World Literature

In this presentation I will examine the female characters from Gilgamesh, Dante's Inferno, The Iliad, and Don Quixote to see how limited the roles women could fill in early works are from around the world, and how at the same time our heroes would be lost without them.

I - B 9:00 - 10:00 AM

**LEWIS, CHYNA** | Lee College

## A Capitalistic Identity:

### The Commodification of Individuals in Imitation of Life

In a society built on class structure, validation is sought by the exploitation of those who are deemed inferior. Therefore, the idea of equality is often far-fetched, or only plausible through conformance. This presentation will depict how capitalism commodifies individuals, their worth based on a system of supply and demand.

# M.

I - K 9:00 - 10:00 AM

**MACALINDONG, MIGUEL** | Texas A&M International University

## Endangered Fishes of Texas

Texas is home to several endangered species. Many of these are fish species; the five fish species discussed in this research paper include the Comanche Springs pupfish, the fountain darter, the Leon Spring pupfish, the Rio Grande silvery minnow, and the smalltooth sawfish.

I - H 9:00 - 10:00 AM

**MADEWELL, MADDIE** | John Brown University

## Sexuality in the Biblical Narrative

Despite what neatly conservative readings might assert, the Old Testament is rife with manifestations of human sexuality both positive and negative; its accounts provide excellent foundations for the narrative of human sexuality in the modern world and in the church.

II - D 10:10 - 11:10 AM

**MADHAT, MUHAMAD** | University of Texas at San Antonio

## Human trafficking

Trafficking in people is a genuine wrongdoing and a grave infringement of human rights. Consistently, a large number of men, ladies and kids fall under the control of traffickers, in their own particular nations and abroad. Practically every nation on the planet is influenced by trafficking, regardless of whether as a nation of cause, travel or goal for casualties. UNODC, as watchman of the United Nations Convention against Transnational Organized Crime (UNTOC) and the Protocols thereto, helps States in their endeavors to actualize the Protocol to Prevent, Suppress and Punish Trafficking in Persons.

III - F 11:20 - 12:20 PM

**MALOTT, TAYLOR** | Lone Star College - University Park

## Thomas the Tank Engine, Calculus, and the Real World

This project examines the scenario of a runaway train rolling down a hill, and the safety buffer stop at the bottom-using the calculus and physics principles of related rates and conservation of energy, respectively, to determine the necessary strength of this spring to stop train within a predetermined distance.

II - C 10:10 - 11:10 AM

**MARES, SAMANTHA** | Tarrant County College - Trinity River Campus

## Where's the Party At?

Third party candidates are rarely discussed in the normal talk of politics. In the debates, there are normally only two candidates. The Commission of Presidential Debates coordinates the debates. Many Americans are not aware of the exclusivity that is brought about because of the CPD.

II - H 10:10 - 11:10 AM

**MARTIN, SARAH** | John Brown University

## Marie de France and Dante's Differing Perspectives on the Discrepancy Between Loyalty and Fidelity

This paper discusses the cultural shift towards the interchangeability of the words "loyalty" and "fidelity" within the Middle Ages by comparing Marie de France's and Dante's perspectives on the discrepancy between the two. This understanding of loyalty and fidelity recognizes the continual cultural evolution of these words' meanings.

I - C 9:00 - 10:00 AM

**MARTINEZ, KASSANDRA** | Northeast Texas Community College

## American Condescension and the Fate of the Ultimate Populist

The Populist speaker, Cyclone Davis has been largely forgotten. But I call him the "Ultimate Populist." He was the great orator during a time when populism subsisted on oratory. Unlike other populist stars such as William Jennings Bryan, and Earl Weaver, he also had an enduring base, and a legacy.

II - B 10:10 - 11:10 AM

**MASKAL, WHITNEY** | Tarrant County College

## Gravitational Effects of Dark Matter and Possible Implications on Mass Extinction

Dark matter is a substance known to exist from its gravitational effects. Though it has yet to be directly detected, scientists can view the way it warps space-time and form conclusions about how it affects both galactic rotation and extinctions on Earth.

I - E 9:00 - 10:00 AM

**MCINNIS, DYLAN** | Johnson County Community College

## Artificial Intelligence and Gaming

Through the use of published papers and techniques the exploration of how Artificial Intelligence has evolved over the years is pursued. This presentation serves as an introductory jumping off point for those with an active interest in Artificial Intelligence and its use in games.

II - O 10:10 - 11:10 AM

**MEYLOR, MADELINE** | Brazosport College

## Traitors and Tyranny: Secret Agents of the American Revolution

This presentation details the little-known war behind the American Revolution: the war of secret intelligence. Under General George Washington's secret intelligence program, little-known male and female spies fought their own war of covert operations that helped the American colonies defeat the British Empire.

**MILLER, LAUREN** | McLennan Community College  
II - L 10:10 - 11:10 AM

### Making a Decision: A Study on Socioeconomics and its Role in Shaping Perceptions of Community Colleges

This study was designed to determine if a senior high school student's socioeconomic standing effects one's opinion of community college as an affordable and academically rigorous option.

**MINSTER, RHIANNON** | Johnson County Community College  
II - A 10:10 - 11:10 AM

### Mental Illness Examined Through Game of Thrones, and Evaluating its Popularity Type

Throughout the Game of Thrones television series there are characters whose mental health comes in to question. This paper focuses on the characters Joffrey Baratheon and Tyrion Lannister who are examined for signs of mental illness and given possible diagnoses, while also psychologically explaining why the show is so popular.

**MIRANDA, BRIAN** | Richland College  
II - D 10:10 - 11:10 AM

### Another Border to Cross

This presentation goes over human trafficking between the Texas-Mexico Border, how terrible the crime of human trafficking is, and what both Texas and Mexico is doing about it.

**MIRELES, JASYM** | The Honors College at LSC-Montgomery  
I - N 9:00 - 10:00 AM

### Leading the Civil Rights Movement

This research evaluates the historiography of leadership in the American 1960's Civil Rights Movement as exposed throughout three key periods in time: the 1960s to the 1970s, the 1980s to the early 1990s, and the late 1990s to the 2000s.

**MOAWAD, MOHAMMAD** | Lone Star College-CyFair  
III - M 11:20 - 12:20 PM

### On the Necessity of Language in the Process of Recognition

This research paper will take a philosophical stand against the belief of linguistic idealism by using the private language argument from Ludwig Wittgenstein, Paul Ricoeur's analysis of recognition, and Ferdinand De Saussure's linguistic model, to argue that recognition is both logically prior and independent to language.

**MOCK, CHARLES** | McLennan Community College  
III - B 11:20 - 12:20 PM

### Business Incentives:

#### Examining Healthy Lifestyles in the Workplace

This study examined the relationship between employer incentives and the effectiveness of employee wellness programs. The goal was to understand which incentives are most successful in encouraging participation in wellness programs.

**MOORE, KAILEY** | McLennan Community College  
II - J 10:10 - 11:10 AM

### Deriving Antibiotics from the Bacteria in Soil: A Small World Initiative Study

The misuse of many antibiotics has led to a rise in antibiotic resistance. The purpose of this study was to isolate antibiotic producing bacteria from soil samples. The results of this study will contribute to the search for effective ways to fight bacteria that are resistant to antibiotics.

**MOORE, COURTNEY** | The Honors College at LSC-Montgomery  
III - E 11:20 - 12:20 PM

### The Following: A Leader's Impression

This study examines Erving Goffman's concept of impression management through a prepared review of the literature, utilizing elements of dramaturgy presented within impression management as a framework for analysis of key characters and scenes within the television series, The Following.

**MOSIER, LACEY** | Tarrant County College Northwest  
I - M 9:00 - 10:00 AM

### Education Reimagined

The first day of Kindergarten is filled with new adventures and many anxieties for many students around the world. Students that are brand new scene are expected to sit still, and understand how to act within a classroom. Many researches have noticed this growing trend and created techniques such as, the Liink project and flexible seating which continues to improve students overall ability to learn.

**N.**

**NICKLES, EMILY** | Texas Woman's University  
I - G 9:00 - 10:00 AM

### A 100 Year Legacy of Pioneering Women Journalists

This presentation will share the results of an exploration into the evolution of a student newspaper over the past 100 years and highlight different facets of the newspaper's history, from its predominately female leadership to the changes in production processes and how those changes compete or compare with the contemporary industry standards.

**NORTON, REBECCA** | NorthWest Arkansas Community College  
I - F 9:00 - 10:00 AM

### Hell Hath No Fury:

#### An investigation of misogyny in world literature to 1600

This play attempts to answer the question of how women were unfairly recorded by analyzing five major historical works from each heroine's point of view in the Women Scorned support group, where characters are free to air their annoyance of men and inaccurate writing.

**NORTZ, MADELINE** | Tarrant County College  
II - A 10:10 - 11:10 AM

### Suicide Awareness in Teenagers and Young Adults

This project aims to provide information and awareness about depressive and suicidal tendencies in teenagers and young adults, while analyzing certain trends and statistics regarding suicidal cases.

**NUNEZ, JAIME** | San Jacinto College North Campus  
I - D 9:00 - 10:00 AM

### The "Ideal City": Jamestown in the Philosophical Imagination

By applying a philosophical lens to historical events, this presentation will attempt to dig deeply into English understandings and motivations that led to conflict between settlers and Native Americans in the construction of this "ideal city."

**O.**

**OLSEN, AMARA** | Tulsa Community College  
I - J 9:00 - 10:00 AM

### Bringing Our Second Brain to the Table

Humans have a second brain: the gastrointestinal system. Hippocrates himself declared the importance of the gut's health in the body; however, many treated this idea as superstition and left it untested until recently. Through thorough experimentation, modern scientists have established direct links between poor gut health and even brain disease.

**ORTIZ, DANIELA** | Texas A&M International University  
III - N 11:20 - 12:20 PM

### The Effect of Various Phosphate Sources During Gene Expression and Mineralization

Multiple phosphate sources were used on donor samples of bone fragments to trigger mineralization. Their effects on the condition of the cellular matrix and gene expression were then studied.

**P.**

**PADILLA, AIDA** | San Jacinto College North Campus  
III - J 11:20 - 12:20 PM

### Kendra's Law

Kendra's Law authorizes New York to medicate individuals with a diagnosed history of mental illness or face involuntary commitment. This paper is an exploration of Kendra's Law through a Kantian perspective of autonomy.

**PATINO, JESUS** | Lone Star College - University Park  
III - E 11:20 - 12:20 PM

### The Cultural Shift of the Apocalypse: From Religion to Comic Book Canon

This research seeks to analyze the portrayal of humans in apocalyptic literature and the contextual social factors that have impacted their representation. The text and imagery of the "Book of Revelation" and Marvel's "Rise of Apocalypse" are examined based on their depictions of humanity in their respective apocalyptic event.

**PATTERSON, ADELINE** | Southeastern Oklahoma State University  
I - I 9:00 - 10:00 AM

### The Equine Revolution:

#### The Impact of Horses on the Great Plains Tribes

Horses are icons of Great Plains Indians. The Comanches' adoption of this immigrant species, in the late 17th century, revolutionized their way of life, producing a complex, imperial society within 200 years. This presentation examines how one domesticated animal could influence such extreme change in a short span of time.

**PEREZ CHAMU, AMAIRANI** | Tulsa Community College  
III - C 11:20 - 12:20 PM

### Gender Wars:

#### The Women's Fight for Equality in the Film Industry

At a pivotal time in history when the film industry continues to garner billions with massive hits at the box office, underneath the surface of the screen lies a major problem centered on the misrepresentation and unethical treatment of women working within the film industry. As awareness of these obstacles for women is beginning to surface, more men and women are rising to expose the failure of an industry that overwhelmingly favors one gender over another.

I - B 9:00 - 10:00 AM  
PERRIER, JONATHAN | Lone Star College - University Park

### Nihilism and Sci-Fi: Adapting to Mechanism

This research seeks to explore the contemporary relevance of nihilistic literature and film through Philip K. Dick's novel *Do Androids Dream of Electric Sheep* and Michael Crichton's 1973 film *Westworld*. Through formal analysis of each work's usage of technology, simulated realities, and catastrophic situations, contemporary culture adapts with reckless abandon.

II - J 10:10 - 11:10 AM  
PETERSON, EMILEE | Texas A&M University - Commerce

### Cattle Trade Flows in Texas and Food-and-Mouth Disease Vaccine Stores in the U.S.

Researchers created a model based on actual cattle trade flows in Texas to compare to the model currently used to determine vaccine stores in the U.S. with the purpose of determining adequacy of vaccine in the event of a potentially economically disastrous outbreak of Foot-and-Mouth Disease.

I - K 9:00 - 10:00 AM  
POWELL, DESIREE | Emporia State University

### Different Water Locations and Their Differing pH Levels

Using field research techniques, I test the hypothesis that pond water and faucet water have high acidic pH levels than filtered water. This hypothesis is rejected. Finally, water does not neutralize over time after being exposed to air. The implications are discussed.

III - L 11:20 - 12:20 PM  
PROENZA, HOLLY | Tarrant County College Northwest

### Cybercrime

Cybercrime is any illegal activity that takes place online. A few examples of cybercrime include stalking, identity theft and even acts of terrorism. There are protections available to protect individuals and larger entities from becoming victims of cybercrime, but as technology advances so does cybercrime.

R.

III - C 11:20 - 12:20 PM  
RATZLAFF, CAYLIE | Emporia State University

### Cracking the Chrysalis of Institutionalized Sexism

The work of four contemporary feminists from different regions of the world is analyzed here. The importance of exercising adaptive leadership and the need to energize others in order to advance gender equality is emphasized.

II - E 10:10 - 11:10 AM  
RAY, MANDY | Lee College

### Breaking Free: Celie's Struggle in *The Color Purple*

Using Naomi Wolf's book *The Beauty Myth* as a lens to analyze the film *The Color Purple*, it is evident through the character Celie that women are able to break free from patriarchal abuse by forging strong female relationships, ultimately discovering their individual identity.

I - G 9:00 - 10:00 AM  
RAYMOND, DIARRA | The Honors College at LSC-Montgomery

### Students' Rights to Free Speech

This project examines the free speech rights endowed to students. What do students really have the right to say? Are they allowed to protest? What is the official authority of the school in determining a student's right to free speech?

II - G 10:10 - 1:10 AM  
REGER, NICHOLAS | The Honors College at LSC-Montgomery

### Reddit Engaged: Civic Engagement through Social Media

How does the website Reddit provide for and promote civic engagement in the modern world? This study assesses the essential background information about the relationship between the internet and civic engagement, examines the results of independent research about the website Reddit, and concludes with practical applications for such information.

III - N 11:20 - 12:20 PM  
REHMAN, SAMI | Lone Star College-CyFair

### Biological Identity: The Distinctive Immune System

This research was conducted in order to seek a rather different approach regarding the immune system and the concept of identity. Using several immunological and philosophical arguments from John Locke, Thomas Pradeu, Edgardo Carosella, and Nobel Prize winner Frank Burnet, a conclusive argument is made to define an identity unique to the immune system itself.

III - B 11:20 - 12:20 PM  
REICHENBERGER, PAUL | Emporia State University

### Financial Literacy: A problem that affects us all

Between growing student loans and rising credit card debit, students face tough financial decisions from the beginning. Right now, our nation doesn't provide its students with an adequate financial education. Therefore, today's students deserve a revamped financial literacy education that prepares them to make informed financial decisions.

II - L 10:10 - 11:10 AM  
REINSCH, MELISSA | Lone Star College-CyFair

### Deliberate Teaching: Invoking Intellectual

### Curiosity Among Low Socioeconomic Students

This research analyzes the importance of addressing the physiological and psychological needs of students from low-socioeconomic backgrounds through the lens of Maslow's Hierarchy of Needs. Once deficiency needs are met, the cognitive ability of impoverished students can begin to flourish.

I - E 9:00 - 10:00 AM  
RODRIGUEZ, LIABETTE | Texas A&M International University

### Mirror Neurons

Mirror neurons are neurons that fire both when an action is observed and when that action is physically executed. They have been found to have a profound effect on empathy, social learning, and motor learning.

II - I 10:10 - 11:10 AM  
RUIZ, JOCELYN | Tarrant County College - SE Campus

### Diversifying America

With America's continuously changing demographic, is the United States medical prepared to assess the medical needs for the diverse future? The United States' disparities in medical assistance can be amended by teaching cultural competence to medical doctors, increase diversity in nursing programs, and continuing affirmative action.

S.

II - M 10:10 - 11:10 AM  
SALLEE, BRENNIA | Lee College

### The Wasteful Life of the Bourgeoisie:

### A Marxist Viewpoint on The Ice Storm

This presentation analyzes Ang Lee's 1997 film *The Ice Storm* through the philosophical lens provided by Karl Marx and Friedrich Engels in *The Communist Manifesto*. The lens provides insight regarding the emptiness and corruption of the family unit that results from the struggle to obtain the bourgeoisie lifestyle.

III - K 11:20 - 12:20 PM  
SALTER, LAURA | Harding University

### Reconsidering Economic Sanctions: An Institutional Analysis

Economic sanctions have become a staple tool in foreign policy to pressure the target to change its conduct or policies. This paper shows the complexity of a policy tool that can change both social systems and security, repression and reform.

III - K 11:20 - 12:20 PM  
SANCHEZ, JOSUE | Texas A&M International University

### Economic Gap: The South Texas Region

Modern economists argue that as the economic gap between the upper and lower tier become greater the economic growth of a country declines. This research presents substantial evidence that aims to prove the local region factors that increase the economic gap.

I - L 9:00 - 10:00 AM  
SAVOIE, HANNAH | Lone Star College Tomball The Honors College

### We Can't Escape the Desire for Material Escape:

### A Rhetorical Criticism of the 2012 Film *Les Misérables*

This presentation performs a rhetorical criticism of Tom Hooper's 2012 cinematic interpretation of *Les Misérables*, utilizing Louis Althusser's understanding of ideology to suggest that the interpellation of the story's characters, Jean Valjean and Javert, ultimately allows for a potentiality for material revolution.

III - H 11:20 - 12:20 PM  
SCHALE, ANDREA | Hutchinson Community College

### The Impact of ADHD Medication

### on College Students with Disabilities

The use of medication for treatment of ADHD can be controversial as well as costly. However, many studies fail to examine the ways that ADHD affects college students. This presentation examined the effects of ADHD on those in college and beyond, looking specifically at what part medicine plays throughout adulthood.

I - F 9:00 - 10:00 AM  
SCHAAP, BENJAMIN | NorthWest Arkansas Community College

### Dear women: We don't know what to do with you.

### Sincerely - Society

The purpose of this presentation is to show ever changing standards women have had to live by throughout written history. Five diverse works of literature will be used to show a unique glimpse into different societies and their views on what a woman should and shouldn't do.

III - I 11:20 - 12:20 PM  
SCHRADER, BRANDON | Emporia State University

### An Increasing Need for Empathy:

### Where it Comes from and Why It Matters

This paper explores the historical, biological and psychological aspects of empathy and the need to develop it in our personal and professional lives. The paper also develops a definition for "compassionate empathy" through exposing the risks of "incomplete empathies." The benefits of empathy to business and personal empathy are proposed.

III - N 11:20 - 12:20 PM  
SEILER, LEORA | Emporia State University

### The Causative Agent of Lyme Disease: A Historical and Scientific Perspective

This paper covers the evolutionary history, genome, cellular features, metabolism, routes to pathogenesis, and human impact of *Borrelia burgdorferi*, the causative agent of Lyme disease.

I - B 9:00 - 10:00 AM  
SELDENRUST, ELISE | Oral Roberts University

### False Narrators and the Altered Truth of Postmodernism

A Princess Bride and A Series of Unfortunate Events are tales told falsely-their narrators take unreliable narration a step farther and lie to the reader not about the story, but about the real world outside of the story. Their tactics supply insight into the shaky status of postmodern truth.

II - C 10:10 - 11:10 AM  
SHEIKH, MUHAMMAD | San Jacinto College South

### Ross Perot's Quixotic 1992 Presidential Campaign

This presentation uses primary document research to analyze the function and effect of H. Ross Perot's 1992 unconventional presidential campaign. While ultimately a losing campaign, Perot's efforts influenced future third party candidates.

II - O 10:10 - 11:10 AM  
SHINGLETON, MADISON | San Jacinto College-Central Campus

### Cemetery Analysis: Social Data Limitations

In my Honors Archaeology class to Grandview cemetery in Pasadena Texas, I conducted a modern material culture study. I chose to explore whether a rising divorce rate could be revealed simply by looking at headstones. My results indicate the thesis could not be supported.

I - N 9:00 - 10:00 AM  
SHIPMAN, JOSHUA | San Jacinto College North Campus

### Society and its Discontents:

#### A Rousseauian Examination of Modern Celebrity Culture

Rousseau maintains that all social and political inequality is derived from and represents a perversion of social priority and misallocation of social value. This presentation explores the ways in which contemporary society derives its own social problems from the issues discussed by Rousseau with special emphasis on modern celebrity culture.

I - N 9:00 - 10:00 AM  
SILVEIRA, ISABELLA | San Jacinto College South

### Selena Quintanilla and Her Lasting Legacy

While Selena Quintanilla was a musical star of the 1990s, the question remains whether she had a lasting legacy. Looking at musical and cultural sources, this presentation seeks to show that her impact extended beyond her life into the present time.

II - N 10:10 - 11:10 AM  
SIMMONS, MIRANDA | San Jacinto College-Central Campus

### Memory and the War on Drugs

This presentation is over the analysis on how we remember or commemorate the memory of the War on Drugs through venues such art and music; this showcasing a dynamic change over time in our perspective of the War on Drugs.

I - G 9:00 - 10:00 AM  
SINGH, DIVYA | Lee College

### Spotlight:

#### Shedding Light on the Church's Cave of Religious Sanctimony

In this presentation I will be applying Plato's "Allegory of the Cave" to further examine the film Spotlight, particularly the argument that the church projects a false reality of religious sanctuary, and this formidable illusion is extremely difficult to dispel, allowing the institution to easily silence instances of abusive priests.

I - G 9:00 - 10:00 AM  
SMITH, MARY-ELIZABETH | University of Texas at Tyler

### The Transatlantic Use of the Press in Early Modern Europe

This paper examines how Early Modern printers in Europe and the new world expanded the production of texts by compartmentalizing certain jobs within the shop, making products a means of expressing nationality. Printers in the colonies exhibited key differences than those in Europe in terms of skill and production.

II - G 9:00 - 10:00 AM  
SOMIARI, TAMUNOMIEBAKA | Richland College

### Saving Relationships

Due to electronics and social media, the younger generations are losing the beauty of relationships. They are constantly receiving and seeing examples of a perfect reality which is detrimental because perfection does not exist. Thus, they strive for an unachievable and unrealistic goal.

III - G 11:20 - 12:20 PM  
SPOON, SARAH | Emporia State University

### Cultismo: A Forgotten Genre Used to Mock an African Princess and Former Slave

I argue that Don Luis Solér Y las Balsas in his poem about Sor Chicaba, an African princess who was kidnapped and forced into slavery, used an almost forgotten genre known as cultismo. An in-depth investigation into the definition of cultismo and an analysis of the poem are presented here.

III - I 11:20 - 12:20 PM  
STEEN, STEPHEN | Lone Star College-CyFair

### Logical Analysis and the Implications of Moral Luck

In this research project, the concept of "Moral Luck" is analyzed using predicate logic in an attempt to verify the validity of the stance posited by philosopher Thomas Nagel. With the validity of the argument being confirmed, the logical implications of this argument are then explored.

III - N 11:20 - 12:20 PM  
STEIN, CARLEIGH / HAYS, KATHERINE | McLennan Community College

### Microbiology Techniques: The Process of Creating a New Agar-Based Media Specifically for Soil Microbes

The development of antibiotic-resistant diseases has caused many antibiotics to become ineffective. The purpose of this research was to combine tryptic soy agar (TSA) with soil so that soil microbes are more likely to grow in a controlled environment for antibiotic extraction and colony isolation.

III - H 11:20 - 12:20 PM  
STEWART, RHEMA | McLennan Community College

### Obstacles and Options to Employment Barriers for Adults with Disabilities: A Mixed-Methods Study

Adults with disabilities face specific barriers while seeking and obtaining employment. These issues are not widely discussed in literature or publicly. This research not only identified obstacles but also provided viable opportunities in overcoming barriers. These findings will assist in the transition of those with disabilities into the workforce.

III - E 11:20 - 12:20 PM  
STOKES, CHEYENNE | Lone Star College Tomball - Honors College

### Angel of the Mourning:

#### A Rhetorical Criticism of Deadpool (2016)

This presentation applies Michel Foucault's birth of the clinic to the film Deadpool, revealing that Deadpool stands as an example of the shift between the 18th and 21st centuries from a focus on the priest to a deification of the physician, with severe consequences.

III - I 11:20 - 12:20 PM  
SWEENEY, THOMAS | Lee College

### Cast Away: An Existential Survival Story

Robert Zemeckis' film Cast Away, follows the arduous survival journey of Chuck Noland, a punctual Fed Ex Manager who is cast away to a live on a deserted island. Throughout the film, Jean-Paul Sartre's philosophy of Existentialism is personified as Chuck struggles with the responsibility of enduring and existing alone.

T.

III - D 11:20 - 12:20 PM  
THOMPSON, CONNOR | San Jacinto College South

### Torture in the War on Terror: A Moral Dilemma

This presentation seeks to answer the questions which torture poses as a convention: is torture a lesser evil, is it reliable enough to sacrifice the human dignity and the moral high ground of those who utilize it for the possible gain of information, and should it be brought into law?

III - D 11:20 - 12:20 PM  
TRAN, THAO | Richland College

### Listen to Their Voice

People always use violence to fight back terrorism. However, they have never been succeeded. So, does our traditional method of counterterrorism should be changed?

III - I 11:20 - 12:20 PM  
TYLER, JACK | John Brown University

### The Ironic-Prophetic Self in the Underground Man and in Jonah

Jonah curiously anticipates modernism as an antihero tossed about by greater forces. This essay draws comparisons between Jonah and Dostoyevsky's titular narrator of Underground Man, and the role of both protagonists as ironic prophets whose message is not as important as the lessons they provide with their failures as prophets.

I - O 9:00 - 10:00 AM  
TYLER, JACK | John Brown University

### Civilization as Ecology:

Edmund Burke in Conversation with Wendell Berry and Lao Tzu Edmund Burke, Lao Tzu, and Wendell Berry all hold in common an ecological view of civilization. Despite being separated by space, time, and social station, all three thinkers conclude that society must be conservatively ordered after nature-working as a hierarchical system, moving in cycles, and changing slowly.

# V.

**VANARSDALE, GARRETT** | Emporia State University | II - F 10:10 - 11:10 AM

## Clarinet Reflections: A Pedagogical Work

This paper is an personal synthesis of what I've learned as a student of the clarinet. Inspired by curiosity and the dream of becoming a professional clarinetist, my presentation exhibits the breadth of knowledge for instrumentalists to consider as the move forward.

**VARELA, KATERIN** | Lone Star College - North Harris | II - L 10:10 - 11:10 AM

## Welfare Public Policy and Perception

This project examines the effects of welfare recipient perception on the development of welfare public policy in the United States. The examination of three media illustrations, alongside a multi-level textual analysis, suggests welfare is most beneficial when recipients are assumed to be deserving, indicating welfare legislation is influenced by societal bias.

**VICTORIOUS, GRANT** | Tarrant County College Northeast | II - I 10:10 - 11:10 AM

## Dentistry in the Civil War

This presentation will discuss Dentistry during the Civil war. As many may not know, the Civil war played a major role in the success of dentistry today. This Presentation will go through examples and stories of dentistry during the civil war that led to the result of the modern dentistry that we know today.

**VILLARREAL, ELISABETH** | Lee College | I - O 9:00 - 10:00 AM

## Gender and Family Dynamics in Kubrick's The Shining

Influenced by Freud, Stanley Kubrick illustrates how destructive gender roles can be in The Shining (1980). This paper explores the film's depiction of domestic roles through analysis and research, arguing that gender constructs are created by man's egotism and desire for power and result in aggression derived from repressed motives.

**VU, NAM** | University of Missouri-Kansas City | II - C 10:10 - 11:10 AM

## A Revisionist Look at the U.S. Electoral College

The U.S. Electoral College is systematically-flawed mainly because it has elected Presidents who have lost the popular vote. The District, Proportional, and Direct Election Systems are reform proposals that will be evaluated. To effectively reform the Electoral College is to investigate fundamental issues of representation and democracy, fairness and equality.

# W.

**WAGNER, LEE** | San Jacinto College-Central Campus | I - C 9:00 - 10:00 AM

## Gaybraham Lincoln: Memes and History

This presentation will explore the historical reality of the current "Gaybraham Lincoln" meme.

**WARD, JON** | Harding University | I - D 9:00 - 10:00 AM

## Meaning and Implications of "The Perfect" in 1 Corinthians 13:10

The definition of "the perfect" in 1 Corinthians 13:10 is central in arguments over the continuation/cessation of miraculous spiritual gifts in the post-apostolic church. Drawing upon articles and books written by scholars spanning the religious spectrum, this research reveals strengths and weaknesses of major arguments for this term.

**WATKINS, CASSIDY** | Northeast Texas Community College | II - F 10:10 - 11:10 AM

## Niche Cinema as an Initiative for Honors

I will present excerpts from our 2016 honors film on Sam Houston and the Fate of the Texas Cherokee. Our Honors students researched, wrote, directed, sequenced, acted, and produced the entire feature-length film. I argue that films can transform a group into a team, and fill a regional niche.

**WEINER, HENRY** | Emporia State University | III - K 11:20 - 12:20 PM

## Trickle-Down Economics and Kansas' Struggles

A study of trickle-down economics policies is presented here. I report that trickle-down economic strategies tends to provide more positive benefits than negative. However, trickle-down economic theory is not without its potential pitfalls. The strategies employed in Kansas by the Brownback administration are a case-in-point and the implications are discussed.

**WEMIDA, OLUWADARA** | Richland College | II - D 10:10 - 11:10 AM

## Modern Subjugation

There is a modern day slave system in America, which recruits more victims every single day. There are sufficient amounts of organization that are in place to combat this barbarity, but they need additional manpower. They need a greater financial support, and colleges are the best place to equip these anti-trafficking establishments.

**WERTJES, NATE** | John Brown University | I - L 9:00 - 10:00 AM

## The Value of Human Initiative:

### A Further Review of the Biblical Esther

This paper addresses the traditional view of the book of Esther, one that tends to illustrate the characters as static, almost inert forces. The paper then shifts to the author's own interpretation of the text, a view that sees Esther as a remarkable political authority figure, as well as illustrating the value of human initiative within the Bible.

**WHEELER, THEODORE** | State University | III - D 11:20 - 12:20 PM

## With Great Power: Should the American Psychological Association be involved in torture?

Torture, and whether it should be used for the interrogation of suspected terrorists has been the subject of this paper. Results of my research show that torture is an ineffective means of interrogation that can often lead to false information and is more commonly used as an intimidation tactic.

**WHITACRE, TRAVIS** | West Texas A&M University | II - J 10:10 - 11:10 AM

## The Impact of Zika Virus on Florida's Economy

A travel warning over Zika Virus was placed in various areas of Florida beginning July 30th. Since the travel warning was placed, there have been noticeable short run impacts on different areas in the tourism sector of Miami-Dade, such as hotels, airfares, and restaurants. Zika Virus can also be compared to the outbreak of SARS in Toronto, when it comes to tourism, and its long run economic implications can be compared to those Congenital Rubella. It can be projected that Zika will cause an increase in demand for healthcare in Florida, with a focus on an increase in the demand for Abortions and long-term medical care for those affected by the birth defects that the virus causes, if the spread of Zika Virus continues.

**WHITE, SAMUEL** | Johnson County Community College | III - A 11:20 - 12:20 PM

## Bacterial Growth on Identification Badges

Many steps have been taken to prevent Hospital Acquired Infections but one item often goes unnoticed, the nurse's identification badge. Healthcare professionals were surveyed on how often they cleaned they touched and cleaned their badges, and badge storage. Badge cleaning solutions and their impact on bacterial growth was researched.

**WILLBORG, MIRANDA** | Lone Star College Tomball - Honors College | I - J 9:00 - 10:00 AM

## Music for the Heart:

### The Link between Entrainment and Cardiac Arrhythmias

This project explores the connection between the human heart and rhythmical entrainment, specifically examining entrainment of musical and cardiac rhythms, to determine whether therapeutic music should be utilized as a prescribed treatment for arrhythmias. It concludes that therapeutic music should be implemented in medical facilities as a therapy option.

**WILLIAMS, LYNSEY** | Tarrant County College - SE Campus | I - M 9:00 - 10:00 AM

## The Cause and Solution to America's Out of Control Youth

What really is the root cause to Americas out of control youth? The problem starts from birth when there is no end to the amount items we receive. They are overstimulated by items and told that we must overindulge when we consume. Parents must stop this trend now and create a new generation that adopts the idea of minimalism.

**WINTER, JOSHUA** | John Brown University | I - D 9:00 - 10:00 AM

## Justice in Ancient Greece

This paper discusses the concept of Justice through the lens of Ancient Greek society and mythology. The nature of Justice is explored by identifying three key aspects of it as it applied in Ancient Greece, particularly how it is applied and demonstrated in various mythological resources.

# Z.

**ZENOR, WILLIAM** | San Jacinto College-Central Campus | II - N 10:10 - 11:10 AM

## Gun Restrictions in Texas

This presentation will discuss the current argument against firearm restrictions in the state of Texas. To those with an interest in firearms this will be a worthwhile presentation to provide solid information against the various types of restriction of firearms.

**ZEPEDA, DENISE** | San Jacinto College North Campus | II - O 10:10 - 11:10 AM

## Going Viral?: Witchcraft Accusations in Colonial New England

This presentation explores the similarities and differences between witchcraft accusations in colonial New England. It is my contention that the fear of witchcraft spread like a viral epidemic in mid to late colonial New England.

# EXCURSIONS

## Art Museum of Southeast & Texas Energy Museum

The Art Museum of Southeast Texas mission is to provide education, inspiration and creative vision throughout Southeast Texas through unique collections, exhibitions, public programs and outreach in the visual arts.

The Texas Energy Museum houses a collection of historical photographs, maps, and other materials related to Beaumont and Southeast Texas oil fields.

Enjoy these two hometown treasures at your own speed. Participants may also explore the surrounding downtown area.

## Chambers & McFaddin Ward House Museums

The Chambers House was built in 1906 by a local lumberman, and sold to the Chambers family in 1914. C. Homer and Edith Fuller Chambers moved into the home with their two young daughters, Ruth, 11, and Florence, 16 months old. The family cherished this home for the rest of their lives. While the Chambers daughters did go off to college, a fairly unusual occurrence in those days, both returned home and never married. Few changes occurred to the house or its furnishings in nearly 90 years of Chambers family occupancy.

The McFaddin-Ward House was built in 1905-06 in the striking and distinctive Beaux-Arts Colonial style. When W. P. H. and Ida Caldwell McFaddin moved their young family, two sons and one daughter, into their house in 1907, Beaumont was still enjoying the economic effects of the discovery of oil at nearby Spindletop in 1901. Having already accumulated considerable wealth from the cattle business, rice farming and milling, commercial real estate, and trapping, the family prospered even more after Spindletop, since Mr. McFaddin owned part interest in the land where oil was discovered.



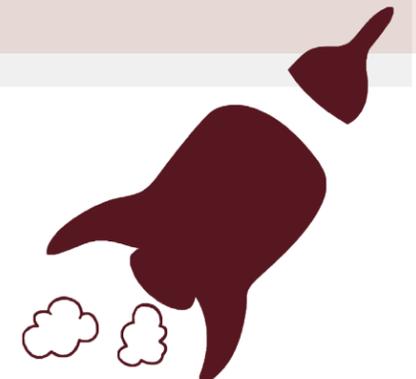
## Downtown Beaumont

Enjoy a walking tour of the historic Downtown Beaumont. Tour participants will start at the Jefferson County Courthouse with a short tour and then be provided with a map for a self-guided walking tour of the downtown area.

The Jefferson County Courthouse in Beaumont, Texas is one of the tallest courthouses in the state and an excellent example of Art Deco architecture. Built in 1931 by architects Fred Stone and Augustin Babin. Plaster friezes depicting traditional symbols of justice, as well as local images such as steer heads, pine cones and rice shocks, adorn the outside of this historic property.

## Museum of the Gulf Coast

The Museum of the Gulf Coast tells the exciting story of the Texas/Louisiana Gulf Coast region, beginning with paleontology and biology. Permanent exhibits include a section on Native Americans, European contact, the Civil War, economic and cultural growth, the petroleum industry, and the maritime history of the region. The Museum's second floor is dedicated to the many internationally-recognized musicians and athletes who call the Gulf Coast home.





## Neches River Cruise

The Neches River flows for 416 miles (669 km) from B.A. Steinhagen Lake through east Texas to its mouth on Sabine Lake near the Rainbow Bridge. Often referred to as “The Last Wild River in east Texas,” the Neches flows through the Big Thicket National Preserve and is home to more than 200 tree species, 47 mammals, 300 birds and many reptiles and amphibians. In Beaumont, the river can be accessed by way of Collier’s Ferry and Riverfront Park. A guided educational tour will be provided through Neches River Adventures.

## Shangri La Gardens

Shangri La Botanical Gardens and Nature Center is the perfect setting to get a taste of Southeast Texas natural environment. The diverse array of gardens and natural areas on Shangri La’s 252 acres offer a remarkable set of experiences that will surely make any visit a truly memorable one. Explore the gardens and nature center at your own pace for a relaxing afternoon

## Tyrrell Park & Cattail Marsh

Cattail Marsh includes 900-acres of wetlands and offers a variety of recreational activities with a new boardwalk and more than eight miles of gravel levee roads for jogging, hiking, biking, horseback riding, bird watching and wildlife photography along the banks of Hildebrandt Bayou and Willow Marsh Bayou. Cattail Marsh is a wildlife refuge for a variety of aquatic mammals and more than 250 species of birds annually, including: pelicans, egrets, roseate spoonbills, ducks, ibis, doves and red-winged blackbirds. In the summer of 2016, a new boardwalk and viewing platforms were opened to provide new access and incredible views of one of the most active birding areas of the wetlands. Originally constructed in 1993 by the Beaumont Public Utilities Department as the final phase of Beaumont’s wastewater treatment system, this natural and innovative process has attracted the interest of environmentalists and wildlife professionals from across the state.



## Stark Art Museum & Stark House Museum

The Stark Museum of Art houses one of the finest collections of nineteenth and twentieth century Western American art in the country. The collection focuses on the stunning land, dramatic people, and diverse wildlife of the American West. The Museum also holds a significant collection of American Indian art as well as collections of rare books and manuscripts, and of decorative arts.

The W.H. Stark House was the home of Miriam Lutcher and W.H. Stark. They were active and influential members of their community who left a lasting impact on Southeast Texas. The Stark House was also the childhood home of their son, H.J. Lutcher Stark. He was seven years old when the Stark House was completed, and he lived in the home until he went to the University of Texas.

# SPECIAL THANKS TO:

## THE GREAT PLAINS HONORS COUNCIL EXECUTIVE COMMITTEE

Dr. Alfred "Guy" Litton - Past President, Dr. Eddie Weller - President, Dr. Gary Wyatt - Vice President and President-Elect, Dr. Carrie Pritchett - Executive Secretary-Treasurer, Ms. Ryan Nunez - Student Representative; Dr. Ryan Diehl - Archive Director, and Dr. Lynn Richmond - Web Manager

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Wright, Lindsey and Jennings Law Firm for its generous financial support for the Boe Awards

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Ms. Kim Vizena and Ms. Rebekah Maxwell of the Reaud Honors College

**Holiday Inn Hotel & Suites - Beaumont Plaza Floor Plan**

The floor plan includes the following areas: EXECUTIVE SUITES, LAUNDRY, KITCHEN, BAR, AUSTIN III, AUSTIN II, AUSTIN I, DALLAS, HOUSTON, SAN ANTONIO, GREENERY, EL PASO, GALVESTON, MEN, WOMEN, LUBBOCK, PORT ARTHUR, ORANGE, FOYER, CONVENTION ENTRANCE, GUEST ROOMS, UPPER ATRIUM, MIDDLE ATRIUM, LOWER ATRIUM, OFFICES, SALES, OFFICES, MAIN ENTRANCE, PATIO, POOL, WHIRLPOOL, FITNESS CENTER, GUEST LAUNDRY, AB II, AB I, MEN, WOMEN, RESTAURANT, and BAR.

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# BUILDING

- Wayne A. Reaud Building
- Center for Innovation, Commercialization, & Entrepreneurship
- John Gray Center
- Speech & Hearing Sciences
- Maes Building
- Gladys City/Spindletop Museum

The map shows the campus layout with buildings 1 through 6 highlighted in yellow. Building 1 is the Wayne A. Reaud Building, Building 2 is the Center for Innovation, Commercialization, & Entrepreneurship, Building 3 is the John Gray Center, Building 4 is the Speech & Hearing Sciences building, Building 5 is the Maes Building, and Building 6 is the Gladys City/Spindletop Museum. The map includes streets such as Chambers St, Cunningham St, Georgia Ave, Rolfe Christopher Dr, Jim Gilligan Way, and E Cardinal Dr.



REAUD HONORS COLLEGE

**LAMAR UNIVERSITY**