



HONORS AT THE  
INTERSECTION

# Honors at the Intersection

2024 GPHC conference  
March 22-24, 2024  
Oklahoma State University



# Welcome to the 2024 GPHC Conference!

Dear Conference attendees:

Welcome to the Great Plains Honors Council Conference 2024! We chose our theme Honors at the Intersection to reflect the transdisciplinary thinking that is central to honors education, to highlight the many points of connection between our academic studies and the public spheres in which we reside, and to celebrate the diversity of people who make our honors colleges and programs welcoming, engaging communities for all.

Student researchers presenting at this year's GPHC Conference are investigating a very wide range of topics, including literature and history, finance and socioeconomics, earth sciences, engineering and design, environmental issues, and mental and physical wellness. You'll see posters exploring topics such as "The Encomienda: The Spark to the Pueblo Revolt," the "Impact of Book Banning on Education," the need for "More Walkable Cities," and the "Effects of Vitamin D, Sleep & Exercise on Depression Symptoms."

We have a wide range of excursions planned in Tulsa, which provide opportunities to learn about local history, urban design and recreation, world-class art, the music of Oklahoma and beyond, and of course the marvelous world of sea creatures!

We are very proud of our student presenters for their curiosity and drive to discover new things about the complex physical, social, and cultural environments we live in. Thanks, as well to all of our dedicated faculty and staff who are helping to empower our students through research.

I wish you all an educational, inspirational, and fun conference!

Richard Frohock  
Interim Dean, The Honors College  
Oklahoma State University



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**HONORS COLLEGE**

# Conference Schedule

## Friday, March 22

2:00-5:00pm	Registration, 270 Student Union
2:00-4:00pm	Poster set up, 265 Student Union
4:00-5:30pm	Poster session, 265 Student Union
6:00-7:30pm	Welcome dinner, 111/112 Wes Watkins Center
7:40-7:50pm	Moderator training, 101 Wes Watkins Center
8:00-9:30pm	Trivia Night, 108 Wes Watkins Center



## Saturday, March 23

6:00-8:00am	Breakfast at hotel (included in stay)
8:00-8:50am	Boe Award presentations, 301 and 313 Classroom Building
9:00-9:50am	Oral presentation session #1, Classroom Building
10:00-10:50am	Oral presentation session #2, Classroom Building
11:00-11:50am	Oral presentation session #3, Classroom Building
12:00-12:30pm	Box lunches (pick up in 114 Classroom Building)
12:00-12:30pm	Load buses for excursions, Morrill Ave.
12:30-6:00pm.	Excursions in Tulsa (buses drop back off at Morrill Ave.)
7:00-8:30pm	Dinner and Awards, 111/112 Wes Watkins Center



## Sunday, March 24

6:00-8:00am	Breakfast at hotel (included in stay)
8:00-9:00am	GPHC business meeting, Old Central



## Parking Information

- **It will be easiest to park in Lots 15 and 16 for events in the Student Union and Classroom Building, and in lots 9, 9A, or 99 for events in Wes Watkins Center. For Sunday's meeting in Old Central, it will be easiest to park in lot 19. A campus parking map can be found [here](#).**
- **Parking permits will be required from 2-5pm on Friday. We will have parking permits available at registration. Parking will be free from 5pm on Friday until 9am on Sunday.**

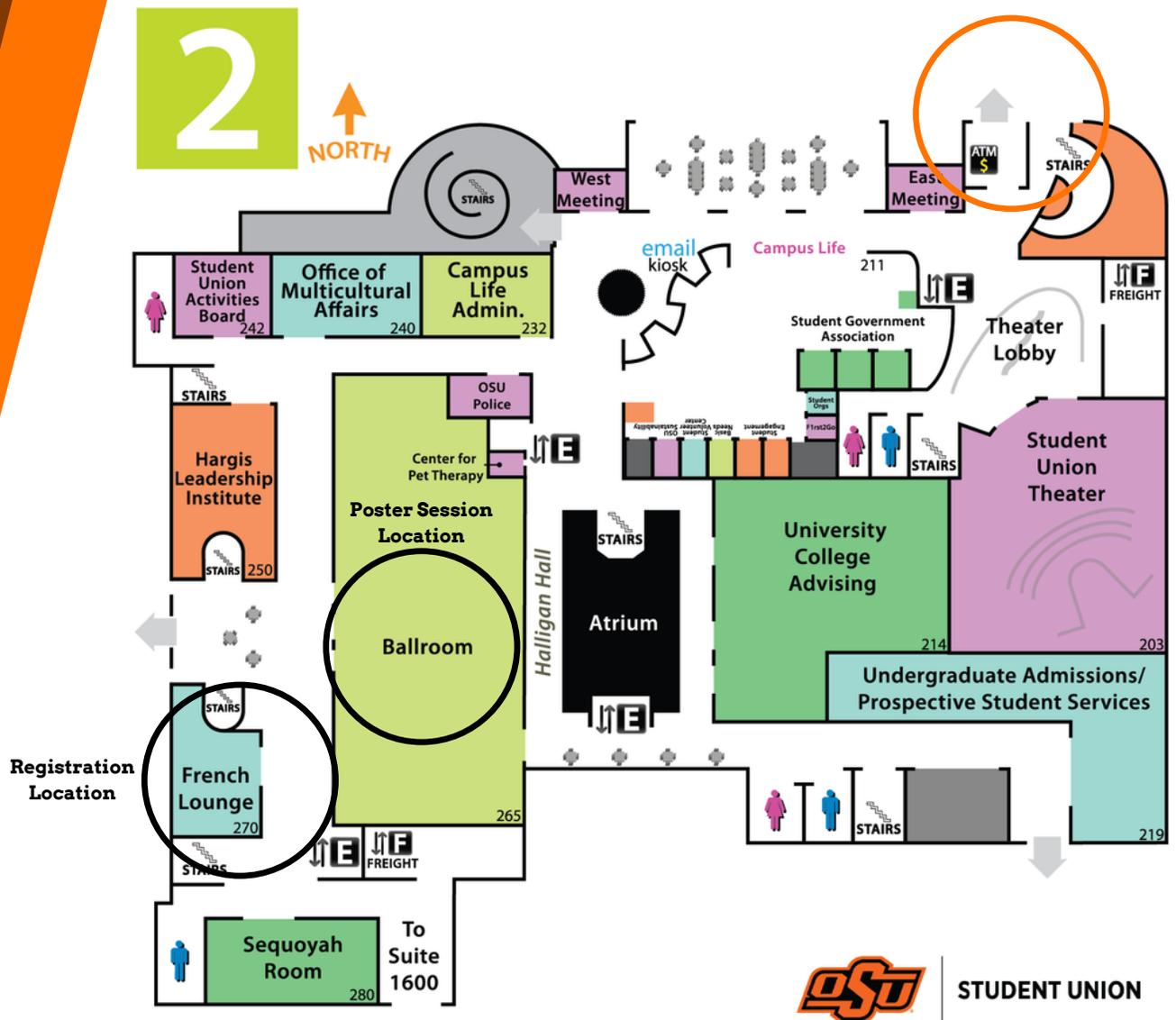
# Student Union Map

For Friday's events:

Registration will occur in the French Lounge (270 Student Union)

Poster session will occur in the Ballroom (265 Student Union)

The parking lots will be located northeast of the Union, and you will enter where the orange circle is. We will have staff available to guide you!



# Wes Watkins Center Map

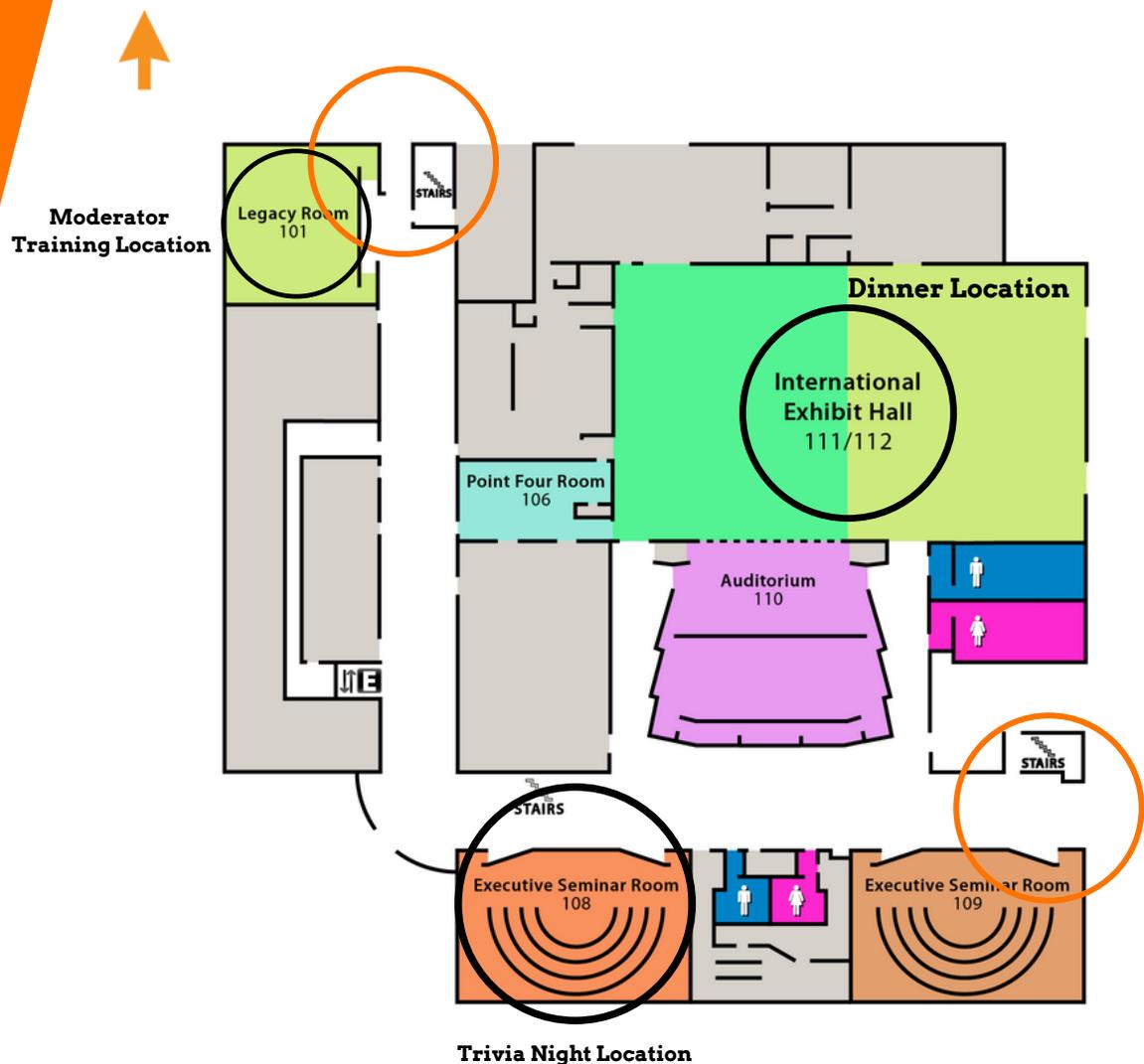
**For Friday's and Saturday's Events**

**The dinners will occur in the International Exhibit Hall (111/112 WWC)**

**Moderator training on Friday will occur in the Legacy Room (101 WWC)**

**Trivia night on Friday will occur in the Executive Seminar Room (108 WWC)**

**The parking lots will be located north and east of WWC, and you can enter at either of the orange circles. We will have staff available to guide you!**



# Wireless Account Creation

## Great Plains Honors Council regional conference

Mar 22, 2024 - Mar 24, 2024

Scan QR Code to create a username and password to access the OSUGUEST WiFi



### Registration Code

mGsDwDQC

# Keynote Speakers

## Friday: Tyler Thrasher



With an undying love for nature and its respective curiosities, there are few things Tyler's brain isn't obsessing over. Between his pursuits to crystallize the world, opalize everything, and hunt down some of the realm's most unique plants, his passion to combine art and science every step of the way is his fire and fuel.

Chances are if you catch Tyler at a party, he'll talk your ear off about exploring caves, growing minerals in his lab, playing Dungeons and Dragons, hybridizing new plants, electronic music, the importance of self compassion, and just how amazingly beautiful and mysterious this whole wide universe is.

Tyler has a wide range of projects under his belt including but not limited to crystallizing insects, creating some of the world's first and only opalized insects and flowers, hybridizing plants and creating new cultivars, capturing the natural world through illustration, creating a series of scientific and strange alchemy inspired toys, and a few published books including "The Wisdom of the Furnace", "Grow a Damn" and his next upcoming book "The Universe in 100 colors".

# Keynote Speakers

## Saturday: Dr. Laura Arata



Laura J. Arata is a public historian who specializes in the North American West, with an emphasis on race, gender and ethnicity in the late nineteenth and early twentieth centuries. Dr. Arata is particularly interested in the popular memory, material culture and heritage tourism of the “wild west” and the American frontier. As a public historian, she works in the areas of historic preservation, museums and oral history. Prior to joining the faculty at Oklahoma State University, she served as a consulting historian for the Montana Heritage Commission and co-principal investigator for the Hanford History Project. Her current public history projects include consulting work for historic Vernon AME Church in Tulsa, Oklahoma, and leading an interdisciplinary and community-engaged effort to save Stillwater’s historic Booker T. Washington School. Her first book, “Race and the Wild West: Sarah Bickford, the Montana Vigilantes, and the Tourism of Decline, 1870 – 1930”, a biography of the nation’s first African American female public utilities owner and heritage-tourism entrepreneur Sarah Bickford, won the 2021 Western Writers of America Spur Award for Best First Book and the 2021 Western Association of Women’s Historians Gita Chaudhuri Prize.

# Poster Session

March 22, 4:00-5:30pm

## Humanities

The Encomienda: The Spark to the Pueblo Revolt  
**Miranda Adams** | Texas Woman's University

A Collection of Poems: Mental Illness and the  
Public's Damnation  
**Acadia Clements** | Dallas College

Liberty and Justice for Some: Examining the  
Rhetoric of Prison Zines  
**Lilah Crum-Barnhill** | University of Missouri-  
Kansas City

Immigrant Policies and the Education System  
**Lidia Flores** | Texas A&M University-San Antonio

The Use of Not Using Grammar  
**Matthew Hopkins** | University of Texas at Tyler

American Patriotism in Movies as a Form of Propaganda  
**Joseph Maldonado** | University of Texas at Tyler

Traveling Preachers and the "Pine-Tree Curtain" of Secular  
Texas  
**Luke McCraw** | Northeast Texas Community College

Social Dilemma: Government Control of Our Thoughts  
**Timon Ovard** | Tyler Junior College

Integral Thinking Music Therapy with Lupus  
**Clarissa Palomeque** | Texas Woman's University

George Lynn Cross's influence on the Ada Lois Sipuel legal  
battle, upholding educational equality  
**Dynasty Poire** | Rose State College

Second Language Acquisition  
**Emyly Puente Torres** | Texas Woman's University

The Making of a Film  
**Coy Radcliff** | Rose State College

America and the Holocaust  
**Mor Radcliff** | Rose State College

Falling Asleep in Class- Can You Blame the  
Wall Color?  
**Esther Reifel** | Tyler Junior College

Rhyming Earworms: A Qualitative Study on  
Rhyme Scheme in Earworms  
**Taylor Thompson** | Tyler Junior College

# Poster Session

## March 22, 4:00-5:30pm

### Professional Studies

Better Baber Indices – Algorithmic Analysis of Historical Stock Market Data

**Ben Baber** | University of Texas at Tyler

Free the Books: Unmasking the Impact of Book Banning on Education

**Janessa Benavides and Kenya Arias** | San Jacinto College

From Fear to Safety: Unveiling the Safety Dilemma in Schools and the Quest for Solutions

**Janessa Benavides, Kenya Arias, and Savannah Joslin** | San Jacinto College

Welcome to Jurassic Park! Or... Not? Do films actually promote tourism?

**Mary Benes** | Angelo State University

Gamification in Language Learning Apps: A journey into motivation, engagement and bridging gaps.

**Stella Contreras** | McLellan Community College

Validation of the Self-Efficacy for Sleep Hygiene Inventory in Young Adult College Students

**Alicia Gouvea and Lizbeth Romo** | University of Texas at Tyler

A History of Texas Physicians

**Perla Guzman** | San Jacinto College

Mortality, Morbidity, & Minorities: An Insight Into The Disproportionate Prevalence of Disease

**Alberto Hernandez- Ontiveros** | Texas A&M University-San Antonio

Working-Age Caregivers of Stroke Survivors: Needs, Concerns, and Quality of Life

**Daira Kim Carbonell** | University of Texas at Tyler

Eighth Amendment: Its Role in the Evolution of Harshness of Punishment in America

**Vincent LeDoux** | Rose State College

Does Healthy Living Matter to Work Outcomes? Effects of Exercise and Health-Conscious Identity on Employee Job Performance and Life Satisfaction

**Clay Loper** | Angelo State University

Giving back to the community as a business enhancer

**Connor Menzie** | Park University

Free the Books: Unmasking the Impact of Book Banning on Education"

**Emily Perez, Marissa Ortega, and Margaret Mayo** | San Jacinto College

Latinos in Education. Bridging the Gap: A comprehensive Exploration of Educational Inequity faced by Latinos in the United States from Historical Struggles to Current Challenges

**Iris Valdez, Laura Ortiz, and Siney Lira** | San Jacinto College

The Influence of the Outside World on the American Legal System

**Aubrey Watkins** | Northeast Texas Community College

# Poster Session

## March 22, 4:00-5:30pm

### Social Science

Soporific State: Liberal Daydreams, Conservative Comas and the Toxification of Texas

**Vanessajane Bayna** | Northeast Texas Community College

Maternal Mortality in the United States: A Social Problem with Solutions

**Jennifer Byers** | Rose State College

Scream Therapy Versus Quiet Therapy: A Comparative Analysis of Arthur Janov's Primal Trauma-based Psychotherapy and Forest Bathing Therapy

**Fatima Gonzalez Munoz** | Lone Star College

A Study of the Default Mode Network in Individuals with Attention Deficit Hyperactivity Disorder.

**Yuto Goto** | McLellan Community College

Does Having Phenotypical Characteristics of Autism Affect Perceptions of People with Autism?

A Survey Study

**Evelyn Hartline and Maria Kellerman Jimenez** | University of Texas at Tyler

Texas Women in Politics and their Portrayal in the 21st Century Media

**Ariana Hernandez** | University of Texas at Arlington

Policy Entrepreneurship Examined Within Informal Communities

**Maria Hernandez** | University of Texas at Arlington

The Role of Firearms in the United States - Necessity or Controversy

**Quan Hong Nguyen** | Dallas College

The Majority Whip

**Rida Khatani** | San Jacinto College

Psychomythology: A Potential Barrier to Help-Seeking in College Students

**Carolyn Loper** | Angelo State University

Invisible Bars: Consequences of the School-to-Prison Pipeline

**Jenifer Lopez** | Texas A&M University-Texarkana

The Encouraged Exodus of Undesirables in Texas History

**Alison Majors** | Northeast Texas Community College

The effectiveness of the U.S. Educational system for multilingual children.

**Lynh Nguyen** | Park University

We Need More Walkable Cities

**Chioma Nwaji** | Dallas College

The End of an Empire? Perceptions on the Stability of America

**Dalton Prather** | Tyler Junior College

Impact of Prosocial Social Media Videos on Anxiety

**Brianda Rocha Hernandez** | University of Texas at Arlington

Phobias - what are they, how are they treated?

**Mallory Sole** | Park University

The Effect of Test-Optional Policies on Undergraduate Applications, Enrollment, and Student Composition

**Chloe Stegner, Denise Toledo, and Michaela Todd** | San Jacinto College

Felony Disenfranchisement: A Tripartite Ethical Analysis through Consequentialism, Deontology, and Ethics of Care

**Allyson Treat** | McLellan Community College

Breaking Barriers: Latinas and Business in the United States

**Jacqueline Vidales** | University of Texas at Arlington

# Poster Session

## March 22, 4:00-5:30pm

### STEM

Subduction and the Future of Flooding in the Houston Area

**Bradlee Azuara** | San Jacinto College

The Civil Engineering and Design Process in a Non-Profit Environment

**Blake Banta** | University of Texas at Tyler

Fermented Food for Gut: Good or Bad?

**Kelley Burke** | San Jacinto College

Art in the National Parks

**Erica Carballo Cardenas** | San Jacinto College

Career or Family? The dilemma of the female physician

**Nina Distasio** | Park University

Comparative Analysis of PFAS Concentration in Polyporaceae and Hymenochaetaceae Mushrooms

**Symone Franks** | University of Missouri-Kansas City

Gonorrhea, its anatomy, physiology, and effect on host organisms

**Regan Hudson** | Park University

Future Power Solutions for Exploring Hypothesized Surface

**Megan Jameson** | University of Texas at Tyler

Habitat relationship between *Sigmodon hispidus* and *Microtus*

**Sudhiksha Kumar** | University of Missouri-Kansas City

The Effects of Vitamin D, Sleep & Exercise on Depression Symptoms

**Angelica Lieu** | San Jacinto College

Membrane Protein Chaperone Affects the Kinetics and Morphology of Amyloid Beta Aggregation

**Connor Mitchell** | Midwestern State University

Modulating mechanical microenvironment for modeling hypertrophic cardiomyopathy using a biocompatible and photosensitive hydrogel

**Isha Murugesan** | University of North Texas

Smell Ya Later (but hopefully not): Ammonia, Fish, and their Toxic Relationship

**Caraline Noonan** | San Jacinto College

From Bytes to Consequences: Understanding the Tangible Effects of AI Today

**Funminiyi Oluwaniyi** | Dallas College

A Daily Dose of Biotin and Mong Bean Plant Growth

**Shane Owen** | Rose State College

Is Today's Radiation Tomorrow's Problem?

**Julia Patton** | San Jacinto College

Early Intervention of Parkinson's Disease: Targeting Aggregated Alpha-Synuclein

**Raquel Paz Bergia** | Lone Star College

Loading Dock Proposal: Contribution to the Design of the new Campus Science Building

**Keagan Rios** | University of Texas at Tyler

ALIGN (Academic Lifestyle Integration and Generation Nexus)

**Parvathy Santhosh** | Texas Woman's University

Campus Pedestrian Bridge Plan Set

**Nathan Selmer** | University of Texas at Tyler

Comparing the Effects of NaCl on Sunflowers

**Luke Smith** | Tarleton State University

Reducing complications during pregnancy to maximize the birth experience

**Chloe Stachowski** | Park University

# Poster Session

March 22, 4:00-5:30pm

## **STEM (cont.)**

Prions as the source of Transmissible Spongiform

Encephalopathies

**Ailey Stafford** | Park University

Morita Equivalence of Inverse Hulls of Markov Shifts

**Lucas Vega** | University of Texas at Tyler

Small Gasoline Engine Electronic Fuel Injection  
System

**Griffin White** | University of Texas at Tyler

The Role of Inherited BRCA1 Mutations in Triple-  
Negative Breast Cancer: An Analysis of the Expression  
Mechanisms of Estrogen, Progesterone, and  
Epidermal Growth Factor 2 Receptors Concerning  
BRCA1 Mutations

**Marianny Zavala** | Lone Star College

### **Over 60 Hours - Presenting in 313 Classroom Building**

**Joel Durham** | Angelo State University

*Factors that Contribute to Third Party Success in America: A Case on the People's Party of 1892 and American Independent Party of 1968*

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This paper explores what factors create the most success for third party presidential candidates as defined by winning more than five percent of the popular vote and more than one state's electoral votes. The paper theorizes that the two major factors that lead to third party success in presidential politics are the presence of an attractive party platform and a charismatic candidate. The attractive platform is measured in terms of uniqueness and relevant viability. The charismatic candidate is measured in terms of a personal connection, fundamental transformation, and party control. To test this hypothesis, the paper analyzes two distinct yet successful cases: James B. Weaver of the People's Party in the 1892 presidential election and George Wallace of the American Independent Party in the 1968 presidential election. The pattern identified can be applied to other third party candidates, and even major party candidates, especially with further study and discussion.

**Jacob Price** | University of Texas at Tyler

*Scourge of Men: The Rats That Invaded World War I*

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Rats infested both the trenches and the minds of soldiers on the Western Front during the First World War, but historians have yet to fully examine their important role. At most, rats have been distilled into paragraphs or footnotes in otherwise quality scholarship. It is time these rodents in the trenches get their due. *Scourge of Men: The Rats That Invaded World War I* explores and analyzes the emotional and physical ways in which rats impacted those soldiers who lived among them. Throughout the war, soldiers worked to cope with the presence of these animals and their influence over their lives. The question of how they did is answered in diaries, letters, poems, and other records from the conflict. *Scourge of Men* works to investigate this question, and it seeks to inspire further research into this heretofore overlooked topic.

**Kelsey Roberson** | University of Texas at Tyler

*Shared Journeys: Impact of Online Peer Support Communities on the Lives of Users with Chronic Diseases*

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Last year, the Center for Disease Control determined that 60% of adults in the United States have been diagnosed with one or more chronic diseases. This category of illness often leaves sufferers with compromised immune systems and a plethora of debilitating symptoms, impairing individuals' ability to attend traditional in-person support groups for their diagnoses. Today, face-to-face support communities have become less utilized despite increased occurrences of chronic diseases. This research aims to determine if online peer support groups are a feasible alternative to in-person groups and if these virtual settings retain the ability to positively impact the lives of users. To conduct this research, the subreddit, r/CysticFibrosis was utilized based on the activeness of the forum and the isolation necessitated by the disease. This research collected qualitative data from top posts from the forum in November 2023 to establish common interactions and discussions between members.

### **Under 60 Hours - Presenting in 301 Classroom Building**

**Guiliana Sodaro** | Lone Star College

*Who Tells Your Story: The Implications of Historical Inaccuracy in Hamilton*

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While research into Hamilton and the genre of historical fiction as a whole often lends itself to the debate of historical accuracy, this research aims to understand how these historical accuracies impact an individual character's perception in society. This research examines Lin-Manuel Miranda's Hamilton and its presentation of founding father Alexander Hamilton. First, an analysis of the impact historical fiction has on the real world helps us understand historical fiction's responsibility toward audience perceptions. Then, an analysis of the musical's framing of the Reynolds Affair and the presentation of the character of Alexander Hamilton as an abolitionist suggests that these misrepresentations serve as a glorification of American history and allow audience members to absolve themselves from any discomfort associated with the establishment of America. Lastly, this research examines Hamilton fan art to determine how audience members connected with figures inside the story of Hamilton; it discovers that, through its desire for a compelling narrative, Hamilton causes many audience members to view historical figures as simply characters inside a story. Findings suggest that Hamilton upholds the mythos of American creation and disguises a whitewashed history behind a multiracial cast, allowing audiences to bask in the ideals of the American dream without the shame of the American past.

**Esbeidy Torres Ibarra** | Lone Star College - Kingwood

*Living in Hindsight: The Effects of the Dickey Amendment on Practical Policing and School Shootings in the United States Since 1997*

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This study investigates the 1996 Dickey Amendment, aiming to evaluate its effects on law enforcement's access to evidence-based gun research alongside police efforts to predict and prevent school shootings in the United States. The Dickey Amendment restricts the Centers for Disease Control and Prevention (CDC) from allocating funds to advocate or promote gun control. This research is based on a critical analysis of criminology journals and privately supported research since 1998, focusing on contemporary gun violence scholarship by Dewey Cornell, Peter Langman, and Adam Lankford. This study examines the impact of the limitations imposed by Dickey on practical policing strategies, such as school shooter profiles, school threat assessments, armed campus-based security, and campus carry policies. The broad interpretations of the Dickey Amendment have discouraged academic discussions with law enforcement regarding campus security matters. This analysis encourages researching the social effects of appropriations-based limitations and their impacts on evidence-based safety measures.

**Marianny Zavala** | Lone Star College - Montgomery

*The Role of Inherited BRCA1 Mutations in Triple-Negative Breast Cancer: An Analysis of the Expression Mechanisms of Estrogen, Progesterone, and Epidermal Growth Factor 2 Receptors Concerning BRCA1 Mutations*

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With an aim to elucidate the effect of BRCA1 in Triple Negative Breast Cancer (TNBC), this study analyzed the BRCA1 regulatory role at the centromere and its impact on the expression regulation mechanisms of Estrogen (ER), Progesterone (PR), and Human Epidermal Growth Factor 2 (HER2) receptors. Suba's (2015) BRCA1 and ER-alpha expression mechanism model serves as the foundation for this study. According to Suba, mutual regulatory mechanisms occur during normal and abnormal cell proliferation between BRCA1 and ER-alpha. Suba's model is paired with Iqbal and Iqbal's (2014) research to illustrate estrogen's ability to activate HER2 signaling through ER's non-genomic activity. A comparative analysis indicates the loss, or dysfunction, of BRCA1 significantly affects receptors involved in TNBC, therefore slowing down or completely eliminating their expression mechanisms. These results suggest the relationship between BRCA1 and its receptor may serve in the improvement of treatment options and a reduction in overall mortality rates.

# Oral Presentations, Session I

March 23, 9:00-9:50am

## U.S. Military and War: 103 Classroom Building

**Warda Binte Zahid** | Violation of the 8th Amendment at US Black Sites Abroad: A Zero Dark Thirty Case Study

**Mark Cabalquinto** | Two Fronts, One Nation: A Comparative Study of U.S. Responses to Foreign and Domestic Terrorism

**Henry Sowell** | Why do terrorists use child soldiers

**Sara Adeli Mehrabadi** | "Yankee Go Home!": An Analysis of the Involvement of the United States and Great Britain in the 1953 Iranian Coup D'état

## Literature Reports and Analysis: 108 Classroom Building

**Katherine Leigh** | Analysis of an Englishman's History of Africa

**Zoe Kondiles** | The Crisis of Science: A Rhetorical Analysis of the Parallax Gap

**Marshall Lee Mullins** | Talking To The Dead: An Investigation Into How Victorians Write About Death

## Environmentalism and Environment Issues : 112 Classroom Building

**Daisy Herr** | The Environmental Challenges of Fort Concho in its Early Years

**Alexander Jefferson** | Stream of Change- Unraveling Pre-Drought Water Quality Dynamics using the Spearford Gully

**John Cabalquinto** | Life Beside Plastic: The Catch with Ocean Cleanup

**Sami El-Abid** | Components Of Wind Power Policies: A Comprehensive Analysis Of America's And China's Legislations

## Musicals and Music Analysis: 201 Classroom Building

**Bella Jones** | "Glory Hallelujah": A Music Theory Analysis of "Battle Hymn of the Republic"

**Joshua Flores** | Harmony of Minds: Exploring Cognitive Benefits Across Cultures Through Musical Training.

**Olabowale Olufiade** | The Cultural Transformation of Drums

**Neida Perez** | The Sound of Healing: Music Therapy as a Transformative Process for Depression

## Issues Involving Children: 202 Classroom Building

**Lorelei Spears** | See No Evil, Hear No Evil: A Glandular Breakthrough in Child Abuse Conviction

**Mia Pierson** | Sex Trafficking Minors in Houston, Texas: Prevention, Intervention, and Rehabilitation Strategies for Youth

**Camila Villarreal** | Because We Are Human: Teaching Consent Through a Moral Lens

**Rylie Bishop** | How does trauma psychologically affect elementary-age children that survive school shootings?

## Mental Health Topics: 203 Classroom Building

**Hazel Sylvester** | Mental Health in the Library

**Ashley Hernandez** | Unmasking Anxiety: Exploring the Intersection of COVID-19, Body Dysmorphia, and Mental Health

**Chloe DeJong** | Putting On a Rainbow Mask: How Mental Health is Shown in the Queer Book "The Charm Offensive: A Novel"

**Ashley Carter** | Childhood Trauma in Connection to Mental Health Disorders

## U.S. and World Affairs of History : 212 Classroom Building

**Maris Bouche** | The Use of Trials: Abraham Lincoln in Loophole Lawyering and the Effects on the Republican Party's Principles in the Mid-Nineteenth Century

**Katy Osthoff** | The Evolution of the First Lady

**Georgina Palomo** | Cherokee Vengeance: Beyond a Non-Violent Approach

**Lee Merrill** | Blood, Sex, and Money: Antisemitism and the Vampire Myth

# Oral Presentations, Session I (cont.)

March 23, 9:00-9:50am

## **Cross Cultural Perspectives: 213 Classroom Building**

**Yaritzha Veloz Botello** | Blending Convention and Divergence: A Genre Analysis of President Clinton's 1998 Apologia to Rwanda

**Gwendolyn Crain** | Silent Com(pin)city: A Rhetorical Analysis of the U.S. Role in the Rwandan Genocide and Albright's Pin Diplomacy

**Urja Joshi** | Hindu Mythology is not Mythology: Philosophy of the Puranas according to Dharma.

**Mahmoud Masoud** | The Fall of Honor: Tracing the Samurai's Enduring Contribution from Edo to Meiji Japan

## **Finance and Socioeconomics: 214 Classroom Building**

**Jacob Bloomer** | Relationships between political elections and federal deficit

**Carlos Hernandez-Sorto** | Taxing Prosperity: A Correlation Analysis Between Economic Growth and Corporate Tax Rates

**Camila Viorel** | A Visual Exploration of Dolores Hayden's 'A Field Guide to Sprawl'

**Theo Raitzer** | Monetary Sovereignty During the Debt Crisis: The 1980s Latin American Lost Decade

## **Medical History: 303 Classroom Building**

**Edgar Rubio Hernandez** | Beyond the Scalpel: The Development of Lasers in Ophthalmology Throughout the Late 20th Century

**Adam Beaver** | The Changes in New York Psychiatric Institutions from 1800 to 1865

**Daniel Gwynne** | From Counterculture to Clinical Trails: Tracing the Socio-Historical Impacts of LSD on Today's Medical Renaissance

**John Paul Marconi** | "Don't Take It? Won't Make It!": The Influence of Cold War Politics on the Olympics and Performance Enhancement Drugs

# Oral Presentations, Session II

March 23, 10:00-10:50am

## **Art: 103 Classroom Building**

**Jade-Skye Fredrickson** | Phenomenology: Quantifying the Art Viewers' Experience

**Xitlali Cruz** | Painting With the Mind

**Yoseline Mendoza** | The Progression of Chavin Engineering through Cross-Media Expressions

**Emma Vo** | The Cellist by Joseph DeCamp

## **LGBTQIA+ Struggles and Challenges: 108 Classroom Building**

**Kaci Wainscott** | Pink Triangle: Oppression to Power

**Paola Venegas** | Queer Genocide: A Discussion of Whether the Definition of Genocide Should Include the Worldwide LGBTQ Community

**Christine Gonzalez** | "Welcome to Falsettoland": Social Framework of the AIDS Epidemic Within Theatre

**Josiah Kinsky** | The Promise of a Rainbow: Victories and defeats in the LGBT struggle for affirmation in Black and White congregations

## **AI, STEM, and Science History: 112 Classroom Building**

**Kaden Huff** | Large Language Models: Cyber Concern

**Alexander Betancourt** | Space Exploration and Influences in STEM Education

**Olivia Matthews** | Government Issued Anti-depressants: How the First G.I. Bill of Rights Impacted American College Culture in the Mid-Twentieth Century

**Rory Mata** | Characterization of Neutral Sulfur Reactions at Low Temperatures: An Investigation of Europa's Subsurface Ice Composition

## **Animals and Agriculture: 201 Classroom Building**

**Darla Faz** | Gary Francione and the Abolitionist Approach to Animal Rights

**Archer Hampton** | The Importance of Soft Skills Education in Veterinary

**Andrew Custis** | The American Royal: A Symbol for the City

## **Nursing and Health Issues: 202 Classroom Building**

**Riya Shah** | Causation behind the Nursing Shortage

**Alexia Leake** | A Look Inside the Perioperative Nursing Shortage

**Shane Smith and Amelia McCain** | A Replication of An Assessment of Community Response to Life-Threatening Bleeding

**Emily Freemyer** | Physician-Assisted Suicide and its Ethical and Legal Considerations

## **Food Security and Earth Sciences: 203 Classroom Building**

**Megan Folk** | The Role of Community Gardens in Food Security and Population Health Worldwide

**Emily Maxwell** | Hungry Minds: Not Hungry Youth

**Cecilia Najera** | TANF: Why Its Means are More of a Struggle Than a Help

**Makayla Hallacy** | Prairie Restoration: The Battle is Underground

# Oral Presentations, Session II (cont.)

March 23, 10:00-10:50am

## **Gender Studies: 212 Classroom Building**

**Isabella Clark** | Internalized Misogyny in Relation to Attitudes Towards Women

**Taylor Clark** | You Need to Calm Down: A Look into the Separation in Fandoms

**Shelby Hastings** | Ishtar as a Gender Icon: An Analysis of Gender Identity in Neo-Assyrian Cylinder Seals

**Katherine Spitzer** | 'I Have the Heart and Stomach of a King': Queen Elizabeth I's Construction of Power

## **Latin American and Latino History: 213 Classroom Building**

**Gabriela Ortiz** | Confederate Tejanos: How their Contributions Influenced the Civil War

**Arien Roman Rojas** | How Autoethnography Helps Second-Generation Immigrants Reclaim Their Identity

**Jimena Alcala** | Jaina Figurines and the Late Classic Maya Underworld: The Role of Animate Sculptures in the Afterlife

**Jorge Najera Lopez** | The Tragedy of Chapecoense

## **Philosophical Topics: 214 Classroom Building**

**Samantha Romero** | Eternalism and The Impact of Time on Free Will

**Sandy Nguyen (Emporia State)** | Adaptive Leadership & Interpretations: The Terminology & Application to Life

**Emma Moss** | Eye for an Eye: A Philosophical Defense of the Death Penalty

**Calia Walker** | Machiavelli's Relationship with the Medici Family: Examining Machiavelli's connection to the Medici family and how it influenced his political ideas and the strategic interpretation of The Prince.

## **Education Topics: 303 Classroom Building**

**Cadence Liles** | Where to Sit: A Comparison of Classroom Seating Styles

**Folake Ojo** | Flexibility in Workplaces for College Students.

**Yullana Laguna, Allison Davidson, Tate Kaudy, and Braiden Burton** | Honors Arkansas: Using Camaraderie to Take Education out of the Classroom

**Janessa Benavides** | "Free the Books: Unmasking the Impact of Book Banning on Education"

# Oral Presentations, Session III

March 23, 11:00-11:50am

## African American History: 103 Classroom Building

**E'lycia Larry-Lewis** | The Spectrum of Attraction: How the interest in black woman change based on hairstyles within a television series

**Daylen Heidt** | Too Black to Be Loved: An Analysis of the Portrayal of Characters in Interracial Relationships in Guess Who's Coming to Dinner and Slave Play

**Sandy Nguyen (Lone Star College-CyFair)** | Black Psychology: Lasting Effects of Racism Within Psychiatric Hospitals

**Hannah Vasser** | Unraveling the Conspiracy: An Analysis of Martin Luther King Jr.'s Assassination and Subsequent Effects of Embellishing History.

## Literature Reports and Analysis, Part II: 112 Classroom Building

**Chelsea Maxwell** | Cultural and Religious Changes in William Mickle's Translation of Os Lusíadas

**Azwad Arif** | The Authoritarian Impulse: Exploring and Countering Narcissism Through Literature

**Sasha Joy** | The Inherent Nature of Man: A Comparison Between Frankenstein and Notes for the Underground

**Naomi Felder** | The Deprivation of African Americans' Good Death During Reconstruction

## Medical Topics: 201 Classroom Building

**Isha Murugesan** | Modulating mechanical microenvironment for modeling hypertrophic cardiomyopathy using a biocompatible and photosensitive hydrogel

**Raevan Brownell** | Probiotics as a Pathway for Treating Induced Anxiety in Zebrafish (*Danio rerio*)

**Sydney Hammond** | Using the DEREK knock-in mouse model to investigate the role of the T-regulatory cell in vaccine efficacy.

## Current Issues: 202 Classroom Building

**Cadence Lincoln** | The Opioid Crisis

**Mialexa Cruz** | Evaluating Statewide Fentanyl Policies: A Comparative Analysis of Texas and Colorado

**Aaliyah Sanchez** | The Impact of Legalized Prostitution

**Suzanne Schmidt** | The Issue of American Christian Nationalism: Using Peacebuilding to Remedy Social Division

## Musicals and Music History: 203 Classroom Building

**Brianna Chavez** | Welcome to Screwston: The Early Contributions of Houston Hip-Hop and Its Ongoing Influence

**Grace Kertz** | Kansas City Repertory Theatre: Alignment with Founder's Vision

**Angela Uribe** | Metropolitan Mosaic: Enhancing Sustainability in the Historic Dallas Arts District

## Movie Media and Theater: 212 Classroom Building

**Hannah Porcare** | The Monster in the Mirror: an analysis of the social conscious reflected in the Godzilla films

**Neyamia Powell** | The effects of representation in film and television on self-image

**Sloan Landry** | King versus Kubrick: The Differing Portrayals of Addiction and Abuse in the Novel and Film Versions of The Shining

**Jaeda Jones** | Super Influenced

# Oral Presentations, Session III (cont.)

March 23, 11:00-11:50am

## **Stories of Self: 213 Classroom Building**

**Sandra Futwi** | Eritrea - Eastern Africa

**Veronica Romero** | About Me: Life After a Traumatic Brain Injury

**Chris Shelley** | Chris Unplugged

## **Social Issues: 214 Classroom Building**

**Hibah Yaseen** | Public Attitudes of the Jury Selection Process in Judicial District 5

**Megan Ratzlaff** | The Indivisible Concepts that Create Liberty and Justice for All: How Historical Illiteracy Affects Youth Voter Turnout

**Michelle Calderon** | America's Ghost Writers

## **History and Religion: 303 Classroom Building**

**Marwan Hegazy** | Spies, Informants, and Supporters: Women's Roles during the Civil War

**Evan Collins** | The Puritan Ideology and Its Effect on the Massachusetts Bay Colony, 1630

**Brooklyn Young** | The Art of Persuasive Biblical Referencing in "The Book of the City of Ladies"

# Thank You!

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