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
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  Welcome session, 265 Student Union
6:00-7:30pm  Moderator 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)
12:30-6:00pm  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.**
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
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”.
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.
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
Emly Puente Torres | Texas Woman’s University

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

**Better Baber Indices – Algorithmic Analysis of Historical Stock Market Data**  
**Ben Baber** | University of Texas at Tyler
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

The Encouraged Exodus of Undesirables in Texas History
Alison Majors | Northeast Texas Community 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

The End of an Empire? Perceptions on the Stability of America
Dalton Prather | Tyler Junior College

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Impact of Prosocial Social Media Videos on Anxiety
Brianda Rocha Hernandez | University of Texas at Arlington

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

Phobias - what are they, how are they treated?
Mallory Sole | Park University

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

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Jacqueline Vidales | University of Texas at Arlington

Texas Women in Politics and their Portrayal in the 21st Century Media
Ariana Hernandez | University of Texas at Arlington

Psychomythology: A Potential Barrier to Help-Seeking in College Students
Carolyn Loper | Angelo State University
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 Hymenochaetaeaceae 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
Caroline 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
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
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.

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.

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.
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.

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.

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.
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”
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
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
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)
Sydnee Hammond | Using the DEREG 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
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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