



Honors Ignites Action

GPHC 2022

Welcome to the 2022 Great Plains Honors Council Conference

Co-hosted by
The Dorothy and Bill Cohen Honors College and the
Hutchinson Community College Honors Program

Welcome!

Welcome to the Great Plains Honors Council Conference 2022. We chose our theme *Honors Ignites Action* in the ancient days of 2019 when we were preparing for a 2020 conference. Little did we know our conference would be the first of many things that would not go according to plan. Now more than ever *honors igniting action* is important.

Student researchers presenting at this year's GPHCC are investigating everything from "Filling the Gap: Working to Increase Preventative Healthcare Awareness" to "VR Modules in Education." You'll see posters with data on hydroponic farming, adaptive clarinets, red-lining in Kansas, and HK97 virus-like particles.

Your work here represents our way forward into the future. You are igniting action through your honors activities across the Great Plains region! We thank you and welcome you to Central Kansas.

Ryan Diehl, HutchCC Honors Program Coordinator
Kimberly Engber, Wichita State Cohen Honors College Dean



Schedule



Friday, March 18th

All Friday events take place at Century II Performing Arts and Convention Center (Exhibition Hall) 225 W. Douglas. This is walking distance from the conference hotels, across the street from the Drury Plaza.

2:00 - 5:00 p.m. | Conference Registration

2:00 - 4:00 p.m. | Poster Set-up

4:00 - 5:30 p.m. | Poster Session

6:00 - 7:45 p.m. | Welcome Dinner

8:00 - 8:15 p.m. | Moderator Training

8:00 - 9:00 p.m. | Trivia Night

Saturday, March 19th

Saturday morning events take place in the Rhatigan Student Center on the Wichita State main campus. Starbucks will be open on the RSC 1st floor directly below the presentation rooms.

6:00 - 8:30 a.m. | Breakfast at hotel (included with hotel stay)

7:45 - 9:00 a.m. | Shuttles run continuously between Drury Plaza Hotel and WSU campus, Rhatigan Student Center

8:30 - 9:20 a.m. | Boe Award Presentations, RSC, room 233

9:30 - 10:20 a.m. | Presentation Session 1, RSC, 2nd floor

10:30 - 11:20 a.m. | Presentation Session 2, RSC, 2nd floor

11:30 a.m. - 12:15 p.m. | Lunch Break.

12:15 - 1:05 p.m. | Presentation Session 3, RSC, 2nd floor

1:05 - 1:15 p.m. | Meet excursion buses in the RSC parking lot

1:30 - 5:30 | Excursions. Buses will drop off at the Drury Hotel.

We encourage everyone to use the shuttle in the morning, but if you need to drive separately to the WSU campus, find Kimberly Engber or Ryan Diehl after the banquet for a ride back to campus.



Sunday, March 20th

8:00 a.m. | GPHC Business Meeting, Drury Plaza Hotel, Room 132



Keynote Speakers



Dr. Kevin Sylvester Harrison

Kevin Sylvester Harrison received his MBA from Friends University and both a BA and Doctorate from Wichita State University. He currently serves as the Director for DEI and Assistant Teaching Professor for the Cohen Honors College at Wichita State.

However, he believes that people evolve too rapidly and are too complex to be defined by job titles or educational credentials. He insists that there is far greater power in our stories and our personal encounters than in our credentials and accolades. Therefore, despite his educational accomplishments and creative gifts, Harrison considers himself a storyteller above all else. Combining his skills as a songwriter, public speaker, saxophonist, lecturer, and singer, Harrison attempts to tell stories that speak to social justice and that break down socially constructed barriers between people, emphasizing the notion that there is just one race - the human race!

Riccardo Harris

Riccardo Harris, a native of Wichita, KS., is the Executive Director of Wichita GEAR UP at Wichita State University. A former public school educator and coach, Riccardo is a staunch advocate for urban youth, promoting education and character building as an alternative to the senseless violence that plagues many urban communities. The recipient of various community awards and recognitions, Riccardo strives to impact communities and to help youth avoid becoming victims and perpetrators of violence. In addition to his work with youth, Riccardo is also a published author, noted public speaker and a pastor at Resurrection Community Church, where he has served for 26 years. Riccardo and his wife Rosaland have been married for 29 years, they have three children and five grandchildren.



Poster Session

4:00 - 5:30 p.m.

Humanities

Storm of Palestine

Dania Abu-Saqr | Dallas College

An Analysis of Adaptive Clarinets for Use in Music Therapy

Briley Casserilla | Texas Woman's University

Legendary Housewives of Northeast Texas, 1985-202

Jordan Chapin | Northeast Texas Community College

The Portrayal of Down Syndrome in Society

Abby Check | Tarleton State University

An Exploration of French Loanwords in Congolese Dialects of Kiswahili

Kaitlyn Hemberger | Wichita State University

Human Variation in Skin Color Affecting Health through Vitamin Deficiencies

Daniela Martinez | Dallas College

Depersonalization Among College Students Due to High Stress Environments

Ashley Reytor Plasencia | Tarleton State University

Villain or Victim: Mental Health and the Royal Prince of the Mahabharata

Maria Tapia | NorthWest Arkansas Community College

Professional Studies

Policy Engagement Among the Midwestern Public Health Workforce

Kari Coster | Wichita State University

COVID-19's effect on Education

Sophia Flores, Kaitlin Meier, Victoria Murphy | San Jacinto College

The Evolution of a News Desert in Northeast Texas

Skylar Fondren | Northeast Texas Community College

Accessibility of walking and biking as forms of exercise in Harris County, Texas, USA

Joseph Hudson | University of Texas at Tyler

Hybrid Nursing Management for Chronic Migraine: An Evidence-Based Project

Hannah Powers | Angelo State University

Immigrant issues in education

Brenda Reyes Vasquez, Carol Hernandez | San Jacinto College

Making Big Moves: A Transition Fair for Students with Disabilities

Braelyn Ringwald | Midwestern State University

Standardized Blended Bedside Reporting: An Evidenced Based Care Project

Morgan Russell | Angelo State University

Comparative Analysis of Sentiment Analysis Methods

Merisha Subedi | University of Texas at Tyler

Security Analysis of Multifactor Authentication

Aayusha Thapa | University of Texas at Tyler

Social Sciences

Split-Spine Disease

Ella Brown | Tarleton State University

Red-Lining in Wyandotte County, Kansas

Jackie Cruz-Lopez | Emporia State University

African Realities and Recovery in a Pandemic

Tarun Eisen | NorthWest Arkansas Community College

The Well-Being Activist: Dr. James Henry "Red" Duke

Maiko Estrada | Northeast Texas Community College

Poster Session

4:00 - 5:30 p.m.

The effect of mental health on student success

**Jennifer Freyaldenhoven, Samantha Bartz,
Jordyn Bergland** | San Jacinto College

Is government corruption influencing an increase in trafficking?

Marcelina Perez | University of Texas at Tyler

STEM

Reproductive Ecology of the American Alligator (*Alligator mississippiensis*) in Southeastern Oklahoma

Kelley Carr | Southeastern Oklahoma State University

Epizoic Diatom Diversity of Gulf of Mexico Sea Turtles

Cynthia Flores | Tarleton State University

VR Education Modules

Max Hamblin | Southeastern Oklahoma State University

Investigation of HK97 Virus-Like Particles Toward Applications and Drug Delivery

Gaini Ibrasheva | University of Texas at Tyler

Hydroponic Farming

Ashli Johnson | Rose State College

Designer Babies: Altering Genetics with CRISPR-Cas9

Tracey Le | San Jacinto College

Redesigning the Bag-Valve-Mask

Dulce Maria Martinez Salazar | Texas Tech University

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

Hunter Ordner | Midwestern State University

On More Friendly Refrigerants

Ary Razavi | Midwestern State University

The Theology of Medieval Medicine: Impact of Religion and Antiquity

Maxime Risner | Northeast Texas Community College

Utilizing a Graphic User Interface for the Personalization Process and Adaptive Grip Tensioner of 3D Printed Prostheses

Alec Sanchez | Texas Tech University

Cancer Vaccine: Countering Nature's Failed Cell Cycles

Alan Tran | San Jacinto College

The Impact of Monoculture Turfgrasses on Soil Nutrient Content in Southeast Houston Topsoil

Muhammad Zain | San Jacinto College

Boe Award Winners

Over 60 hours | 8:30 - 9:20 a.m. | RSC 233

Autumn Cleveland | Angelo State University

Monstrous Paradigms: Frankenstein's Professors and the History of Science

This essay explores the role of literature in the conversations of science and other societal problems through the science that influenced Mary Shelley's *Frankenstein* and its portrayal in the 1818 edition of the text.

Morgan Preston | Angelo State University

Madness, Justice, and Epistemic Limits in *King Lear*

I offer a reading of Shakespeare's *King Lear* that asserts the epistemic limits of human reason and pity. I argue that *Lear* utilizes skepticism to advocate for a justice system that acknowledges epistemic limits and empowers marginalized voices in order to prevent these limits from becoming barriers to justice.

Jacob Williams | University of Texas at Tyler

Natura Romam Deleverat (Nature had Destroyed Rome)

The events of the Turkish conquest of Constantinople and the fall of the Byzantine Empire exist within a broader narrative of environmental history. Through a centuries-long degradation by disease, the Byzantine Empire was weakened and made susceptible to Mehmet II's strategic use of the environment.

Below 60 hours | 8:30 - 9:20 a.m. | RSC 265

Erika Almarza | The Honors College at Lone Star College - University Park

Transforming Cosmetic Safety in America: Using the European Union as an Example to Renovate the Authority of the FDA

The research analyzes the example of cosmetic regulations in the European Union in comparison to cosmetic guidelines of the Food and Drug Administration in the United States to determine the effectiveness of US regulations in preventing potentially harmful chemicals from circulating in the beauty industry.

Rheanna Caron | Lone Star College - Montgomery

Iliadic Alternatives: A Comparative Analysis of Iliadic Figures in Homeric Epic Poetry and Contemporary Revisionist Retellings

This research investigates gender dynamics and the societal value placed on individual heroism by comparing characterizations in Homer's *Iliad* with two contemporary retellings. Recontextualization of character perspectives provides interrogation of the traits most valued by society and how they relate to the various systems of power in place.

Angelica Bernal Penalzoza | Lone Star College Honors College

More Poetry for the Patient, Please: Raymond Carver's and Christian Wiman's Poetry and the Advancement of Palliative Care

This study explores how Raymond Carver's and Christian Wiman's verses exemplify the therapeutic role of poetry in palliative medicine. Their work offers patients a coping mechanism for their diagnosis and models physician-patient interactions while promoting healthcare providers' empathy. The findings affirm the importance of humanities in medical education and care.

Oral Presentations Schedule

Session I

9:30 - 10:20 a.m.

Panel A - RSC 233

Alex Balaban | Enclotted Cognition: How the Clothes We Don Can Negatively and Positively Impact First Impressions

Karis Vander Wall | More Than Words: Autistic Impression Management

Michael Veiga | The Impact of Artificial Intelligence on Perceptions of Human Consciousness

Geraldine Esquivel | I Am My Own: A Cross-Cultural Examination of Contradiction and Personal Identity

Panel B - RSC 261

Josiah Parks | Existentialism as a Human Necessity: A Look at Groundhog Day

Noor Ayache | They live, You Obey: A Rhetorical Criticism of the Depictions of Power in John Carpenter's They Live

Lauren King | Love Over Lecture: A Rhetorical Criticism of the Movie Starman

Lillian Burke Gonzales | Whitewashed Literature: Inequality in Representation in Children's Literature

Panel C - RSC 262

Adam Sepúlveda | Controlling Frankenfoods: GMOs and Regulatory Differences in the United States and European Union

Destiny Roman | Food Needs and MCC: A Policy for Our Students

Annie Moss | Eating Disorders: Origins and Solutions For Change

Ivey Knebel | The sweeter side to pregnancy cravings: Chocolate cravings' relation to the unconscious restoration of homeostasis in pregnant women

Panel D - RSC 264

Lynn Mounce | The Battle Against Homelessness in America

Jamyiah Fields | Financing Goals for College Students

Gracelyn Hale | Combatting Loneliness in People Living with Dementia During COVID Through a Collaborative Social Connection Initiative

Kaylee Gleason | Filling the Gap: Working to Increase Preventative Healthcare Awareness to bridge the gap between rural and urban disparities.

Panel E - RSC 265

Zetta Cannedy | Abortion Attitudes in American Society: The Roles of Sexism, Working Mothers, and State Policies

Ana Snell | Transgender Health Care: The Right to Equal Access

Annie Forte | The Life and Career of LGBTQ+ Activist: William Waybourn

Katrina Henley | Is Siri a Woman?: An Examination of How Sexism Affects the Perceived Helpfulness of Artificial Intelligence Voice Assistances

Panel F - RSC 266

Nicolas Reyes | Stop The Spread: An Exploration of Disease Propagation Through a Population

Nhathy Nguyen | Plastic Eating Bacteria

Joel Reyes | Shots Fired: A Primary Source Analysis on 18th Century Media on Smallpox Inoculation

Madison Kellis | Covid-19 and Infants: Negative Effects on the Frontal Lobe

Oral Presentations Schedule

Session II

10:30 - 11:20 a.m.

Panel A - RSC 233

Erin Dy | The Curious Case of Suicide Portrayal in the Japanese film A Silent Voice

Kyle Berzett | Madoka Magica, Madoka Kaname and the Revolution in Japanese Anime

Ashley Svendsen | Expression of Femininity in Animated American Culture: She-Ra

Elena Mexicano | (You Must) Love Yourself: Examining Self-Worth in Neon Genesis Evangelion

Panel B - RSC 261

Ariana Larios | The Objectification of Women in the Media

Kaylee Thoma | The Impact of Childhood Trauma and Adult Attachment on Relationship Satisfaction

Jonathan Ince | Comfort Streamer: A Study of Dissociative Identity Disorder in Content Creator Communities

Ana Clara Vieira Zaidan | Gratitude, social support, mental health, and sociocultural adjustment in international students at U.S. universities

Panel C - RSC 262

Jenna Gates | Hamlet Across Cultures

John G. Rodriguez | The American Plan: The Mass Incarceration of Women in the 20th Century

Sylvie Kendi | This is the True Us: The Emergence of a New Black Woman Archetype

Ana Munguia | Surpassing the overlooked portrayal of soldaderas: Women's Roles in the Popular Culture of the Mexican Revolution.

Panel D - RSC 264

Andrew Hoyt | Verschlimmbessern: The Solution of Debris Removal and the Problem of Climate Change

Marcelo Carrizales | The Medical Examiner System vs the Coroner System

Aaliyah Avellaneda | Deducting and Defunding: Alternate Models for Police Departments

Panel E - RSC 265

Emily Maxwell | The Master of Macabre and Pleasure? An Analysis of Edgar Allan Poe and the Pursuit of Happiness

Andrea Castellanos Rivas | The Impact of Photographs on the Understanding of the Civil War

Andrew Bierbower | Beyond Oppression: An Exploration of Slave Autonomy in the Early 1800s

Jacky Cervantes | The Slave Rhetoric of the Antebellum South: An Analysis of Thomas Jefferson and George Fitzhugh's Impact on the Proslavery Argument

Panel F - RSC 266

Fabian Lagos | Latino Men Representation on American Primetime Television

Jose Dursan Robles | Critical Race Theory, Blaxploitation, and Tarantino: Unchained

Josemaria Camacho-Molinero | Twisted Masculinity: How Machismo Creates Hyper-Masculine, Non-Emathetic, Violent Men

Chelsie Glover | Toxic Relationships in Young Adult Literature

Oral Presentations Schedule

Session III

12:15—1:05 p.m.

Panel A - RSC 233

Grace Lehman | Thrifting: An overview of how you can save the world with secondhand clothing!

Kelsey Roberson | Pokémon: A Cultural Time Capsule

Connor Odom | No Lights, No Camera, All Action: How the 2021 IATSE Strike Challenged Hollywood

Mandana Joseph | New media advertising and marketing: The impact of the interface, ecologies, and revised canons on advertising.

Panel B - RSC 261

Elena Zelaya | A Tale of Two Cities: A Comparison of Antigone & Mean Girls: The Musical

Luke Gaines | Abraham and Aeneas

Fabian Cedillo | The Louisiana Purchase

Melanie Heard | Hypatia of Alexandria: The Forgotten Feminist Philosopher

Panel C - RSC 262

Max Hamblin | VR Modules in Education

Johnathan Rizzi | Assessing Student Relationships & Behaviors in Mentoring Groups from the (Harry Potter) House System

Lorena Gonzalez-Zeno | This Song in My Head: The Neurology of Music and the Human Brain

Abby Guel | Music's Beneficial Impact on Children's Academic Stressors

Panel D - RSC 264

Victor Martinez-Gil | The Future of the Spanish Monarchy

Vincent Crowson | Holden Caulfield and Hester Prynne: An Analysis of Intersectional Gender Stratification

Muhammad Khatani | Eid-al Fitr & Eid-ul Adha

Brithanny Torres | Entheogens then and now: Mesoamerica and Hallucinogenic Mushrooms

Panel E - RSC 265

Andres Revis | Tragedy in Tigray: The Fate of Ethiopia's Ethnic Federalism

Christina Campbell | Conflict Across the Cosmos: An Analysis of the Outer Space Treaty and U.S. Law Regarding Space Exploration and Militarization

Cooper Robbins | The Effects of the Bank War: An Observed Causality Between Jacksonian Monetary Policy and Californian Settlement Based on Gold Demands

Ngoc Vuong | A qualitative analysis on stakeholder attitudes and recommendations toward harm reduction and drug policy in Kansas

Panel F - RSC 266

Hunter Kern | The Effects of Lambda-Cyhalothrin on Human DNA Structure

Meghana Budankalaya | The Effect of Laundry Detergent on the Structure of Aquatic Bacterial Communities in Microcosms

Khushi Ghanchi | Evaluating Antiproliferative Effects of Carbidopa drug on Breast Cancer Cell Lines

Olivia Gallegos | The Examination of the U.S. Food and Drug Administration's Recall of Transvaginal Mesh to Treat Pelvic Floor Prolapse

Special Thanks To:

THE GREAT PLAINS HONORS COUNCIL EXECUTIVE & DEVELOPMENT COMMITTEES

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THE BOE AWARD & BRITT POSTER WINNER JUDGES

Dorothy & Bill Cohen for believing that supporting knowledge and innovation through honors education grows visionary students!

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