

Dialogos Abstracts

Platform Presentations

A Day in the Life of a Virtual School Teacher

Monica Morris
Dr. Charlsie Prosser
Education

How does a K-12 virtual school work? This presentation will describe the experience that Education students receive through collaborating with teachers from the Lawrence Virtual School during interterm.

An Examination of Sacred Space- Into the Religion of Sikhism

Conner Petty
Dr. Nicholas Pumphrey
History, Culture & Society

In the interterm An Examination of Sacred Space, we ventured to a new place of worship everyday, including a Sikh temple. Sikhism is the fifth largest religion in the world, but is relatively unknown in America. I want to inform individuals of Sikh's ideals and philosophies that shape the religion.

Arabs vs. Portuguese in Tanzania

Brenda McCollum
Dr. Nicholas Pumphrey
History, Culture & Society

The purpose of this paper is to show that Muslims treated their slaves better than Christians did in the East African nation of Tanzania. This is shown by examining different aspects of Islam and Christianity and how the religions instruct their followers to treat nonbelievers.

B a Healthier U: Exercise is Medicine on campus

Matt Paxton, Rachel Campbell, Brenna Herdman, Elle Fredrickson, Sammie Schroeder Jasmine Parra, Abigail Key, Emily Sutherland
Dr. Chris Todden
Behavioral & Health Sciences

Exercise is Medicine is a growing initiative amongst universities. After attending the 2016 American College of Sports Medicine Conference, Baker students became informed about EIM initiatives from professionals and college students in order to use these strategies to implement their own program.

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Bettering Baldwin: A Researched Public Relations Campaign Plan

Jessica Georgie, Bailey Kabrey, Erin Thompson, Shelby Stephens, Josh Chalker
Dr. Laura Young
Mass Media & Visual Arts

A student-led public relations campaign was conducted with the Baldwin City Recreation Commission to educate people on the proposed Community Center. This presentation will outline the research process, the public relations messaging plan development, and the implementation process of the campaign.

Brand Whitlock: The Motivated Diplomat of WWI

Catey Payne
Professor John Richards
History, Culture & Society

This presentation examines the remarkable career of Brand Whitlock, the United States ambassador to Belgium during World War I. Through the careful examination of his memoir about his time in Belgium and his personal letters, we gain a better understanding of the motivations and exceptional actions of a man who took the position largely to further his literary career and found himself on the doorstep of the German invasion.

Breaking Up is Hard to Do: Our Farewell to PowerPoint

McKenzie Kula, Haley Roberts, and Asher Hannon
Dr. Charlsie Prosser
Education

We all hold PowerPoint near and dear to our hearts, but sadly, it is time to open our hearts to something new. We have put together various easy to use resources to take PowerPoint's place. From QR Codes to Powtoons, our goal is to bring more engagement and fewer snores to any classroom.

Co-morbidity of Disordered eating and other health outcomes among the elderly

Amanda Moody
Dr. Carrie Coward Bucher
Behavioral & Health Sciences

Recent research has begun to explore the prevalence of disordered eating among the elderly. Mangweth-Matzek et al.(2006) found that around 3% of their sample of 60-70 year olds qualified for a diagnosis of disordered eating. Using a sample of home and hospice care patients and other health outcomes.

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Creating and Maintaining a Multicultural Classroom

Dr. Charlsie Prosser, Folauhola Hautau, Gloria Mares
Dr. Charlsie Prosser
Education

We presented at the MoNAME (Missouri National Association of Multicultural Education) conference at UMKC in Fall 2016. Presentation goal: Help students develop a deeper understanding about people from different cultures by connecting your own background and travel experiences with purposeful text.

Deconstructing Harmful Standards of Masculinity in Fraternity Culture

Luke Miltz
Dr. Erin Joyce
Business & Economics

Unhealthy standards of masculinity in fraternity culture are manifested as hazing, homophobia and sexual assault. Colleges and universities must mandate educational programming for fraternity members to create institutional change in order to mitigate harmful repercussions to the campus community.

Draining the Swamp? A Social Network Analysis of the President's Cabinet

Jayden Smith
Dr. Carrie Coward Bucher
Business & Economics
History, Culture & Society

President Trump campaigned on a promise to "drain the swamp" of corruption in DC, which is appealing, but difficult according to power structure research. This presentation explores the connections of the President's cabinet picks using Domhoff's power elite database and Mann's Four Networks Theory.

Equity of Prison Intervention Programs

Brittany Crittenden
Dr. Carrie Coward Bucher
History, Culture & Society

In house programs have been shown to reduce recidivism among inmates. Mental health services, addiction counseling, educational opportunities and other programs provide inmates with resources to more effectively reintegrate into their communities. I assess the equity of access to these resources.

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Home, Hearth, Fire, and Fury: Understanding Fire in Jane Eyre

Kristen Robbs
Professor Marti Mihalyi
Humanities

It is nearly impossible to discuss Jane Eyre without contemplating the symbology of fire throughout the novel. Too often, though, this burning element is limited to mere personality description. I seek to expand this limited analysis and explore fire as a symbol of home and hearth.

House Dust Bacterial Microbiome in Smoking and Pet Owning Homes

Ryan Akin; Dr. Charles Barnes, PhD; Dr. Daniel Heruth, PhD; Dr. Shui Qing Ye, MD, PhD; Dr. Jay Portnoy, MD; Dr. Christine E. Ciaccio, MD; Dr. Min Xiong, PhD.
Professor Molly Anderson
Biology & Chemistry

The home bacterial community of allergic and asthmatic individuals has been a growing area of interest in the field of respiratory disease. Dust DNA samples were taken from homes of the Healthy Homes Project. The bacterial microbiomes were compared using QIIME.

Media That Can Move Millions

Kena Metzger
Dr. Ryan Gibb
Humanities

MEDIA THAT CAN MOVE MILLIONS: The media may have increased the sense of nearness between politicians and their voters, but it does not guarantee effective communication or a harmonious relationship between the two parties due to overt bias and sensationalism taking priority.

Must Love Dog: The Effect of an Animal in a Tinder Profile

Jami Sanbom
Dr. Rand Ziegler
Behavioral & Health Sciences

Pop culture references and scholarly articles claim that having a dog in your dating app profile photo increases your chances for matches. This study was aimed at determining if dogs present in a photo on the dating app, Tinder, would influence the swiping behavior of the users. Participants in this

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Perceptions of Police legitimacy among Native Hawaiians and Pacific Islanders

Kekai Rivera-Albeso
Dr. Carrie Coward Bucher
Behavioral & Health Sciences

Perceptions of police among non-whites has been a matter of academic and public discussion. This presentation builds on previous work by exploring police-public interactions with an emphasis on Native Hawaiian, and Pacific Islanders using the Police-Public Contact Survey, 2011.

PROTEIN PROTEIN PROTEIN

Brittany Pagan, Brandon Dofat, Danny Neeley, Carlos Galindo
Dr. Chris Todden
Behavioral & Health Sciences

The purpose of this research was to compare protein based shakes and meal replacement shakes to determine which impacts weight loss; the evidence shows that meal replacement shakes are more beneficial by creating an immediate calorie deficit while not sacrificing essential nutrients.

Resiliency Factors Among Homeless Youth

Krista Hooper
Dr. Carrie Coward Bucher
Behavioral & Health Sciences

Wave I Public Use National Longitudinal Study of Adolescent to Adult Health. Random sample of running and non-running tested using linear regression to examine resiliency factors among homeless youth.

Scholarship

Israa al Shihab
Dr. Ryan Gibb
Humanities

1-my major is international studies , and its important for me that we discuss what happened around the world at the political level.

2-I will comperre the Scholarship in united state and Saudi Arabia .(Fulbright Program , King Abdullah Scholarship program) . comperre the history , objective ,)

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Tea Leaves and Other Observations

Taylor Winkler
Professor Marti Mihalyi
Humanities

This presentation will primarily consist of original poetry reading. The portfolio to be read, Tea Leaves and Other Observations, was presented at the Sigma Tau Delta National Convention this year, and contains original poetry written during the author's undergraduate career.

The Reality of Foreign Aid

Grayson Armstrong
Dr. Ryan Gibb
Business & Economics
Humanities

The presentation will discuss the politics behind foreign aid and how it affects the countries which receive it. This will be done by questioning how elections affect the amount of foreign aid a country receives and where those funds go. Multivariate regression will be used to provide answers.

U.S. Foreign Policy and How it Effects Women's Healthcare Globally

Brenda McCollum
Dr. Ryan Gibb
Humanities

This presentation will explore U.S. foreign policy relating to Women's healthcare abroad. This presentation will then examine how changes in presidential administration in the United States effect the healthcare of millions of women in developing countries.

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Poster Presentations

Being Smart With Big Data for a Business Analytics Competition

Spencer Brown, Garrett Howland, David Guerrero, Destiny Bruno
Dr. Kevin McCarthy
Business & Economics

In light of an analytics competition in New York in May, Dialogos provides a platform for building team confidence and competence. This project focuses on discerning patterns, trends, and relationships in Federal Grant data to provide insight on education-related fund allotment throughout the U.S.

Carbohydrates with Protein Create a Greater Response than Protein Alone

Grant Elson, Anthony Hernandez, Jack Taylor, Deverius Brown
Dr. Chris Todden
Behavioral & Health Sciences

The purpose of the research was to determine whether carbohydrates are needed to further muscle protein resynthesis following exercise. Evidence suggests that carbohydrates with protein essentially create a greater response than consuming protein alone.

Citizen's Perceptions of Police Legitimacy

Landon Decker, Sydney Shoemaker
Dr. Carrie Coward Bucher
History, Culture & Society

It was hypothesized that procedural justice, police effectiveness, quality of decision, and police misconduct had an effect on the perception of police legitimacy. Procedural justice and quality of decision are key components of citizen's perceived police legitimacy.

Comparing Cathedrals and Sacred Space

Kwynn Kelly
Dr. Nicholas Pumphrey
History, Culture & Society

This research examines the spaces of two Catholic cathedrals in Kansas City: The Cathedral of Immaculate Conception and Saint Peter's Cathedral. The research primarily draws from observation of both spaces but also includes how the history of both cathedrals contribute to the construction of spaces.

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Effects of External Stimuli on Exercise Enjoyment in College Females

Brenna Herdman, Samantha Schroeder, Brittany Tompkins, Emily Sutherland
Dr. Chris Todden
Behavioral & Health Sciences

PURPOSE: To examine the effects of external stimuli on mood, enjoyment, and perceived exertion in college females. **RESULTS:** When comparing no stimuli to all external stimuli, PACES and ES ratings were significantly different. **CONCLUSION:** Greater levels of enjoyment and increased mood were seen.

Evaluation of Women in STEM Workplaces

Morgan Francis
Professor Molly Anderson
Biology & Chemistry
Math, Physics & Computer Science

This study represents a discussion on the causation of low numbers of women within science, technology, engineering and mathematics (STEM) workplaces and assesses the benefits of having females distributed within various levels of employment.

Excessive Drinking Among Older Adults and the Elderly

Kaci Dillingham, Danisha Turner
Dr. Carrie Coward Bucher
Humanities

This study explores the use of alcohol among respondents (aged 50 and up) to the 2008 National Health and Nutrition Examination Survey. Specifically, logistic regression tests were ran to determine possible links between alcohol consumption and life course variables.

In college aged students, Does GABA provide a better night sleep than Melatonin when consumed as a sleep aid?

Daniel Griese, Logan Lamb, Branden Ho
Dr. Chris Todden
Behavioral & Health Sciences
Education
Math, Physics & Computer Science

The purpose of this research was to find which natural sleep aid is more effective in improving overall sleep. This study shows that Gaba and Melatonin both improve sleep when consumed but there is evidence to support that Melatonin improves overall sleep more than GABA.

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NCAA Track & Cross Country Coaches: A Profile of Educational Background, Past Athletic Experience, and Job Satisfaction Survey.

Joseph Linder, Daniel Griese
Dr. Danielle Hemingson
Behavioral & Health Sciences

The purpose of this study was to examine relationships between NCAA Track and Cross Country coaches' educational background, athletic experience and differences among divisions I, II, and III. Results show a 2.6X more likelihood to be coaching in division I for those who have Ex. science degree.

Nintendo Wii Bowling as a Measure of Bilateral Transfer

Katie Ebbrecht
Dr. Rand Zeigler
Behavioral & Health Sciences

This study investigates the effects of bilateral transfer (transfer of ability from one side of the body to the other) using the Nintendo-Wii game system and Wii Sports bowling. As a measurement, all of the 72 participants bowled four games as a pretest and a post-test with their non-dominant hands.

Peppermint and the Effects on Memory

Darrell Tyler Randall
Dr. Jim Foil
Education

Past research indicates the odors of peppermint and lavender enhance physiological responses which improve motivation, performance, and alertness. The studies determined the sense of smell can be used to recall memories, and that peppermint exposure resulted in enhanced memory and processing speeds.

Qualities of Water at the Baker Wetlands

Michael Igwe
Dr. Jamin Perry
Biology & Chemistry

There has not yet been a long-term assessment of the water quality at the Baker Wetlands. In this project, we have developed an experimental protocol and have begun to collect data to establish a baseline, of the aquatic chemistry, which will serve as the foundation of a broad multi-year project.

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Sleep Patterns Among College Students Associated with Energy Drink Consumption

Michaela Stompoly, Felicia Raybourn, Makaila Garcia, Sarah Sweet
Dr. Chris Todden
Behavioral & Health Sciences

The purpose of this research was to determine a relationship between sleep quality and energy drinks vs caffeine. Using different databases, articles discussing the relationship between sleep and drink consumption. The results showed a strong relationship between energy drinks and sleep deprivation.

The Effect of Minimalist and Barefoot Running on Knee Injury Risk

Wei Xian Ng, Abbi Key
Dr. Chris Todden
Behavioral & Health Sciences

The purpose of this study is to ascertain whether Barefoot/Minimalist Running (BFR) reduces the risk of knee injuries in runners. Over 30 scientific articles were reviewed and categorized on whether they support or refute the hypothesis. Results suggest that BFR can reduce risk of knee injuries.

The Effects of Controller Type and Perspective on Flow

Thomas York
Dr. Rand Ziegler
Behavioral & Health Sciences

The effects of controller type (IV1) and perspective (IV2) on "flow" (DV) were studied in a computerized racing simulation game. Using a steering wheel enhanced both "flow" and race performance. However, there was no difference between a first-person perspective and a third-person perspective.

The Impact of Protein Supplementation on Pressure Ulcer Healing

Fiona M. McAllister, Meg I. Detwiler, Nacole M. Tedrow, Abigail C. Key
Dr. Chris Todden
Behavioral & Health Sciences

Nutrition is linked to wound healing in the elderly. This study analyzes correlations between protein supplementation and pressure ulcer (PU) healing. 32 articles reviewed to evaluate supplement efficacy suggest protein supplements improve PU healing and should be included in standard wound care.

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Creative Visual Art Projects

Alteritive glazing techniques

Matthew Robinson
Professor Inge Balch
Mass Media & Visual Arts

I am submitting ceramic works with alteritive glazes. Raku and crystal glazing.

Ceramics

Amelia Hoelting
Professor Inge Balch
Mass Media & Visual Arts

Functional ceramic pieces.

Ceramics wheel throwing

Kyle Wilson
Professor Inge Balch
Mass Media & Visual Arts

One giant cereal bowl!

Not Quite Gnomes

Logan Pope
Professor Inge Balch
Mass Media & Visual Arts

Made from red earthenware clay and low fire glaze, these pieces originated from an initial idea of gnomes. Over time, this idea of gnomes morphed into what could be better described as trolls. Each piece has been created to portray a specific entity.

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Expressive Performances

Barberries, Libraries, and Other Loves

Madison Haefke
Professor Marti Mihalyi
Humanities

A creative writing collection from the author's last year of study in poetry and nonfiction. Additionally, the presentation covers key lessons learned in this discipline: the power of descriptive language, importance of sound, and the author's discoveries about family and identity.

KCACTF Review

Alyssa Glover, Jason Shipp, Noah Hastings, Caelen Rogers
Professor Tom Heiman
Music & Theatre

This year theatre students participated in the 49th annual KCACTF theatre festival which took place in January in Des Moines, Iowa. At the festival, the students participated in a stage crew showdown event as well as an acting competition. Lastly, the students gained knowledge in their career field.

Sing Out Loud! Sing Out Strong! Our Experience at the 2016 Regional NATS Competition

Lora Finley, Adam Morris
Professor Marci Ziegler
Music & Theatre

Lora and Adam will be discussing their experience this past fall at the 2016 NATS Competition at Wichita State University. They will also sing one or two songs representing the style of songs they performed at the competition.

The Visible World

Olivia Hornbeck
Professor Marti Mihalyi
Humanities

This is a collection of original poetry and prose that I presented at the Sigma Tau Delta Honors Convention. I will be reading from a manuscript which encompasses a range of topics, but focuses on the visual imagery to turn each poem into a work of art for one's mind.

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