

California State University **Chico**
College of Behavioral
and Social Sciences

**Symposium
of
Student Research
and
Scholarly Work**

April 26, 2022

5:30 p.m.



Welcome to the 20th Annual Student Research Symposium

On behalf of the College of Behavioral and Social Sciences, it is a pleasure to welcome you to our college-wide Student Research Symposium for 2022.

The Symposium is an annual event that highlights student research and scholarship in the College of Behavioral and Social Sciences. Now in our milestone twentieth year, it is our keynote spring event. Both undergraduate and graduate students are involved in the symposium, presenting on course-related research topics, independent studies projects, honors and thesis projects, and projects completed in collaboration with one or more BSS faculty. We are proud of the exceptional work being done by our students. I invite you to spend some time perusing the poster session, attend one or more oral presentations, and even catch a several sessions that will be presented virtually.

The symposium will begin promptly at 5:30. At 7:00 p.m. please join us in the Bell Memorial Union Auditorium for a reception honoring our presenters, their faculty mentors, and their families.

Dr. Eddie Vela, Dean

College of Behavioral & Social Sciences

EVENT SCHEDULE

POSTER PRESENTATIONS

Bell Memorial Union Auditorium

5:30 - 7:00 p.m.

ORAL PRESENTATIONS

Session One - BMU 203, 2nd Floor

Moderator: Dr. Jacob Jennings

- 5:45 Automations effect on labor force participation
- 6:00 Covid-19's effects to the United States Housing Market
- 6:15 How the changes in the cost of college affect marginally effected groups
- 6:30 Is Cryptocurrency the next asset price bubble?
- 6:45 Stratification and inequality
- 7:00 The economic impact of the Kings on the city of Sacramento

Session Two - BMU 209, 2nd Floor

Moderator: Dr. Naomi Lazarus

- 5:45 Modeling Scavenging Patterns within the Willamette Valley of Oregon:
Informing Search Structure in Medicolegal Investigations
- 6:00 Removing Emerald Lake and Restoring Natural Functions
- 6:15 Exploring the Map Archives of CSU Chico's Geography Department
- 6:30 Investigating Public Health and City Walkability in Boston and Los Angeles
- 6:45 Carbon Dioxide and Climate Change

EVENT SCHEDULE

ORAL PRESENTATIONS

Session Three - BMU 210, 2nd Floor

Moderator: Jennifer Harris

- 5:45 Brexit and British Nationalism
- 6:00 Effects of binge eating on cocaine reward
- 6:15 Exploring the Experiences of California State University Chico Students During the COVID-19 Pandemic
- 6:30 Family Obligations and Well-Being in College: The Role of Guilt in Latinx First-generation College Students
- 6:45 The effects of social isolation on vulnerability to drugs of abuse

Session Four - BMU 314, 3rd Floor

Moderator: Dr. Ellie Ertle

- 5:45 Breaking Barriers & Shifting Towards Disability-Inclusiveness in Higher Education
- 6:00 Changes in California's Racial Composition
- 6:15 Education as Reparation: Racial-Colonial/Capitalist Foundations of Higher Education
- 6:30 Supporting children, youth, and families following a wildfire
- 6:45 The New Normal: Open Education Resources and Zero Cost Course Materials as a cost-cutting strategy for students

Session Five- BMU 204, 2nd Floor

Moderator: Dr. Darin Haerle

- 5:45 Why Grad School?

EVENT SCHEDULE

ORAL PRESENTATIONS

Session Six - BMU 301, 3rd Floor

Moderator: Dr. Vincent Ornelas

- 5:45** Being Black/African American in a Predominately White Workforce: Challenges, Barriers, and Lessons Learned
- 6:00** Culturally Syntonic Dropout Prevention Program
- 6:15** Investigating Belonging for Students of Color at Chico State
- 6:30** Providing Knowledge to Help Reduce the Risks of Child Sexual Abuse
- 6:45** Color Vision: Understanding the Perception of People of Color and Illicit Drugs

VIRTUAL PRESENTATIONS

Session One

Moderator: Dr. Adam Irish

- 5:30** Politics of Terrorism

Session Two

Moderator: Maria Barriga

- 5:30** International Organizations and NGOs

Session Three

Moderator: Noelle Ferdon Brimlow

- 5:30** Child Custody and a Minor's Right to Choose
- 5:45** Child Emancipation
- 6:00** Human Development in the Wild Urban Interface
- 6:15** Sexual Violence in the Military
- 6:30** Understanding Supervised Visitation

EVENT SCHEDULE

VIRTUAL PRESENTATIONS

Session Four

Moderator: Dr. Patrick Johnson

- 5:30** A Behavioral Economic Analysis of Alcohol Use and Social Interaction
- 5:45** Effects of Beliefs about Free Will and Determinism in a Hypothetical Donation Task
- 6:00** Facing the Future: Effects of Age-Progressed Images on Impulsive Decision-Making
- 6:15** OnlyFans: Content Creator's Perceptions of Potential Bans of Sexually Explicit Content

Session Five

Moderator: Ryan Miller

- 5:30** California Redistricting California's Congressional Change
- 5:45** Education Inequality
- 6:00** How do Political Affiliations Affect COVID-19 Vaccination Rates in the State of California?
- 6:15** How does climate change impact marine ecosystems?
- 6:30** Cyber Warfare
- 6:45** Leaving Paradise

EVENT SCHEDULE

VIRTUAL PRESENTATIONS

Session Six

Moderator: Brandi Aranguren

- 5:30** Exposed: The Impact of Covid-19 related to Sexual Behaviors and Sexually Transmitted Infections
- 5:45** Navigating Motherhood During a Pandemic: Mothers' Perceptions of Their Interactions with Their Children, Parenting Stress, and Family Sense of Coherence
- 6:00** Santa Ana Residents' Perception of the Police
- 6:15** The Impact of Covid-19 on the Sexual Behaviors of College Students
- 6:30** Vaccination Rates & Income

RECEPTION

Please join us for conversation and refreshments in celebration of our students' achievements.

Bell Memorial Union

7:00p.m.



ORAL PRESENTATIONS

Session One - BMU Room 203, 2nd Floor

Moderator: Dr. Jacob Jennings

5:45

AUTOMATIONS EFFECT ON LABOR FORCE PARTICIPATION

Dylan Floyd

Representing the Department of Economics

I have chosen to do my paper on how recent technological changes have had an effect on decreasing labor force participation. As technology progresses we see more automation take the place of human capital at an increasing rate. Automation is taking the place of large amounts of low skilled labor while creating a smaller amount of skilled labor positions. The papers I look at have current data and look at factors that affect both automation and labor force participation. They try to forecast the future of the labor markets and prescribe possible remedies to the problems caused by automation.

6:00

COVID-19'S EFFECTS TO THE UNITED STATES HOUSING MARKET

Noah Patrick

Representing the Department of Economics

Covid-19 had significant effects on the United States housing market. We set out to find the effects caused by increased monetary policy, resulting inflation, and lockdowns. We did this by researching past pricing changes in the market, the causes of these and indicators of the problem. Using this research, we tested different individual markets in the U.S. to find the exact changes caused by Covid-19.

6:15

HOW THE CHANGES IN THE COST OF COLLEGE AFFECT MARGINALLY EFFECTED GROUPS

Austin Devine

Representing the Department of Economics

How the changes in the cost of college affect marginally affected groups. I will be analyzing relevant literature as well as some data analysis.

ORAL PRESENTATIONS

Session One - BMU Room 203, 2nd Floor

Moderator: Dr. Jacob Jennings

6:30

IS CRYPTOCURRENCY THE NEXT ASSET PRICE BUBBLE?

Cole Miller

Representing the Department of Economics

The goal of my research is to assess the possibility of cryptocurrency being an asset price bubble by focusing on researching historical indicators of asset price bubbles and see if there are any indications that can be found in the crypto currency market. We found that some of the main indicators of asset price bubbles are high trading volumes and high price volatility, setting target interest rates, abundance of easily accessible liquidity, and most importantly the buyer's emotions. Within the crypto market many of these indicators can be found including buyers emotions and the volume and prices being traded.

6:45

STRATIFICATION AND INEQUALITY

Shai Loring

Representing the Department of Economics

The purpose of this paper is to clarify the relationship between stratification and inequality in the United States. Many Americans are suffering from the unequal distribution of opportunities that are resulting in unequal outcomes.

7:00

THE ECONOMIC IMPACT OF THE KINGS ON THE CITY OF SACRAMENTO

Dadrien Keene

Representing the Department of Economics

What is the economic impact of the Kings on the city of Sacramento? The paper will follow the Sacramento Kings from 1995 – 2019 and will estimate the financial and social impacts that the team had on the city. The Kings are one of seven teams who play in an NBA only market, which means there are no other professional sports teams in the city. This allows us to isolate the earnings of the Kings from year to year, to accurately assess the economic impact. I use hedonic housing models to estimate housing prices, emergency service response models to see police response times, effects on service industries, and rent prices as a measure of economic success.

ORAL PRESENTATIONS

Session Two- BMU Room 209, 2nd Floor

Moderator: Dr. Naomi Lazarus

5:45

MODELING SCAVENGING PATTERNS WITHIN THE WILLAMETTE VALLEY OF OREGON: INFORMING SEARCH STRUCTURE IN MEDICOLEGAL INVESTIGATIONS

Cheyenne Collins

Representing the Department of Anthropology

Forensic taphonomic research has indicated non-human animal scavengers play an important role in the decomposition, dispersal, and bone destruction of human remains in outdoor environments. In the current study, six hog (*sus scrofa*) carcasses were used as human analogues and placed on the ground surface in two separate outdoor environments in the summer of 2021 in Eugene, Oregon. Game cameras were utilized to record scavenging behaviors and monitor dispersal of remains. This study found notable differences between open and forested environments in both scavenging and decomposition. This included skeletonization occurring in open remains within 48 hours after placement.

6:00

REMOVING EMERALD LAKE AND RESTORING NATURAL FUNCTIONS

Logan Krahenbuhl

Representing the Department of Geography and Planning

Throughout Northern California many rivers and creeks have their flows halted by dams. Dams can have benefits such as providing recreational space and hydropower, however many dams provide no benefit to their local communities. By removing small-scale dams we can promote the conservation of species and have an impact on climate change.

6:15

EXPLORING THE MAP ARCHIVES OF CSU CHICO'S GEOGRAPHY DEPARTMENT

Lucas Neal, Anthony Lepori, and Joanna Vidal

Representing the Department of Geography and Planning

This presentation will cover the process of GeoPlace's map digitizing

ORAL PRESENTATIONS

Session Two - BMU Room 209, 2nd Floor

Moderator: Dr. Naomi Lazarus

project that began Fall 2021. Historic, Geological and culturally significant maps have been hand selected from the Geography departments map collection to be put in a spatial digital database for all students to access. Our presentation will display some of our maps and their significance.

6:30

INVESTIGATING PUBLIC HEALTH AND CITY WALKABILITY IN BOSTON AND LOS ANGELES

Joanna Vidal

Representing the Department of Geography and Planning

The project investigates the relationship between city walkability and public health in Boston and Los Angeles. Research indicates that physical activity contributes to preventing chronic diseases, such as diabetes and obesity. While there are many ways to measure city walkability, pedestrian crash rate is used as an indicator for walkability in this study. Low pedestrian crash rates are associated with improved walkability of a city, whereas high pedestrian crash rates are linked to poor walkability. Spatial statistics and mapping will help determine whether or not city walkability has an impact on public health.

6:45

CARBON DIOXIDE AND CLIMATE CHANGE

Alyson Zuidema

Representing the Department of Geography and Planning

This paper describes how carbon dioxide interacts with different aspects of our planet and the effects of the increasing amount of carbon dioxide circulating within our atmosphere. Carbon dioxide is one of the most influential compounds in the global warming trends due to its ability to trap heat within the stratosphere. Wildfires, volcanic eruptions, and atmospheric storing of carbon dioxide is a large factor in this warming trend. Anthropogenic processes are affecting the Earth's warming by fossil fuel burning, deforestation, and manufacturing, these are the main reasons the carbon dioxide concentrations are higher than they have ever been before.

ORAL PRESENTATIONS

Session Three- BMU Room 210, 2nd Floor

Moderator: Jennifer Harris

5:45

BREXIT AND BRITISH NATIONALISM

Vance Wagner

Representing the Department of Political Science and Criminal Justice

The aim of this project was to explore what factors influenced the rise of nationalist sentiment in the U.K. that ultimately led to it leaving the European Union. Through my research, it was found that the desire to be free of regulation was the primary reason for Brexit. This desire stemmed from economic concerns and xenophobia. The presentation also covers the history of the E.U. and Brexit.

6:00

EFFECTS OF BINGE EATING ON COCAINE REWARD

Parnaz Rezaie Boroon

Representing the Department of Psychology

As adolescent brains are not fully developed, commonly observed behaviors such as problematic eating and drug abuse can play a harmful role in the way their brain properly processes reward. The aim of this study is to evaluate effects of intermittent high-fat diet on adolescent female mice and their response to cocaine. After 20 days of binge-eating, cocaine response was assessed through locomotor sensitization. Additionally, the elevated plus maze examined anxiety-like behavior and forced swim test analyzed depression-like behavior. We predict that mice fed high-fat during adolescence may become more vulnerable to drug reward and the development of maladaptive behaviors.



ORAL PRESENTATIONS

Session Three- BMU Room 210, 2nd Floor

Moderator: Jennifer Harris

6:15

EXPLORING THE EXPERIENCES OF CALIFORNIA STATE UNIVERSITY CHICO STUDENTS DURING THE COVID-19 PANDEMIC

Stephanie Gaito

Representing the School of Social Work

The COVID-19 pandemic impacted students by forcing in-person learning to a virtual format and altered much of the student experience. This cross-sectional, qualitative study interviewed 18 CSU Chico students about their positive and negative experiences during the COVID-19 pandemic. The qualitative content analysis revealed negative themes including anxiety, depression, financial stress, and relationship conflict related to the pandemic. Content analysis also revealed positive themes such as strengthened relationships, self-awareness, and deepened spirituality. These findings show the potential adverse impact students during widespread change to the learning environment and highlights an opportunity to provide additional student services promoting positive coping strategies.

6:30

FAMILY OBLIGATIONS AND WELL-BEING IN COLLEGE: THE ROLE OF GUILT IN LATINX FIRST-GENERATION COLLEGE STUDENTS

Gabriela Gonzalez-Zuniga

Representing the Department of Psychology

Institutions of higher education value the completion of academic obligations from their students. However, they may not know or understand the value of family for Latinx First-generation college students. These students have been raised and socialized to think collectivistically and put their family's needs over their own. This study took a quantitative approach using surveys to examine the extent to which family interdependence, family obligations, personal motifs, and social support (from family and peers) play a role in feelings of guilt, academic performance, and overall well-being in first-generation Latinx college students.

ORAL PRESENTATIONS

Session Three- BMU Room 210, 2nd Floor

Moderator: Jennifer Harris

6:45

THE EFFECTS OF SOCIAL ISOLATION ON VULNERABILITY TO DRUGS OF ABUSE

Gelsey Aldana

Representing the Department of Psychology

Social isolation due to the COVID-19 pandemic has precipitated stress-related mental illnesses, particularly in adolescents. These two major stressors can lead to increased levels of depression and anxiety. This study aims to determine whether socially isolated mice demonstrate increased levels of depression- and anxiety-like symptoms, and if they are more vulnerable to drugs of abuse. After 21 days of isolation, mice will undergo tests that evaluate depression- and anxiety-like symptoms, and evaluate locomotor sensitization to drugs of abuse. We predict that social isolation will increase depression- and anxiety-like behaviors in mice and make them more vulnerable to drugs of abuse.

Session Four- BMU Room 314, 3rd Floor

Moderator: Dr. Ellie Ertle

5:45

BREAKING BARRIERS & SHIFTING TOWARDS DISABILITY-INCLUSIVENESS IN HIGHER EDUCATION

Leslie Martinez and Rosa Rivera

Representing the Department of Social Science

The higher education system is composed of various institutions that serve large populations of diverse students. However, many campus environments lack equity towards their students with disabilities. In a case study conducted by Bê (2017), one is able to read and learn about the lived experiences of those with disabilities and how they are affected during their academic journey. We used this case study to evaluate our own campus as we continue to think about moving towards a more disability-inclusive campus while eliminating further exclusion and discrimination.

ORAL PRESENTATIONS

Session Four- BMU Room 314, 3rd Floor

Moderator: Dr. Ellie Ertle

6:00

CHANGES IN CALIFORNIA'S RACIAL COMPOSITION

Benjamin Santiago-Kemp, Richard Royce, Craig Jennings, and Mat Bergman
Representing the Department of Social Science

Our group will look at changing the racial composition of California counties from the 2010 census data compared to the 2020 census data. We will be looking to find how the racial composition of California has changed in that 10-year period as well as what counties have seen the biggest changes from the prior census. Our goal is to see how these California counties' racial composition has changed since the 2010 census compared to the 2020 census.

6:15

EDUCATION AS REPARATION: RACIAL-COLONIAL/CAPITALIST FOUNDATIONS OF HIGHER ED

Travis Souders, Sam Di Lelio-Boice, and Emma Bumgarner
Representing the School of Social Science

BIPOC narratives in scholarship are critical to understanding the inequity still suffered because of the racial-colonial foundations of American higher education. For example, one case study (Robinson, 2019) examined barriers faced by Black students at a California university, reporting its participants experiencing acute financial stress and lack of representation among leadership. In our presentation, we employ tenets of Critical Race Theory to broach the viability (and acknowledge the challenges) of materially equitable change in higher education, particularly free tuition for BIPOC students. We then implore communication scholars to further center and amplify BIPOC narratives to help achieve this step.

ORAL PRESENTATIONS

Session Four- BMU Room 314, 3rd Floor

Moderator: Dr. Ellie Ertle

6:30

SUPPORTING CHILDREN, YOUTH, AND FAMILIES FOLLOWING A WILDFIRE

Sierra Zaragoza and Courtney Peria

Representing the Department of Child Development

In 2021, there were over 8,000 wildfires across California. This study aims to provide guidance for those who work with children, youth, and families who may be impacted by future wildfires. We interviewed 15 community members from local schools and non-profit organizations about their experiences supporting families after the 2018 CampFire. Three main themes arose, including: utilizing resources to get families' basic needs met (The Buddhist Tzu Chi Foundation, The Salvation Army), providing therapeutic activities to help children work process their feelings (e.g., art therapy, yoga), and building relationships across the community before, during, and after a fire.

6:45

THE NEW NORMAL: OPEN EDUCATION RESOURCES AND ZERO COST COURSE MATERIALS AS A COST-CUTTING STRATEGY FOR STUDENTS

Jocelyn Ahern, Malik Duffy, and Celeste Gauna

Representing the Department of Social Science

In this case study, we examine how high-cost textbooks expose class inequity in Higher Education. Capitalist practices serve those of higher socioeconomic statuses and perpetuate exclusionary systems within institutions of Higher Education. To mitigate the effects of capitalism across campuses for students, we believe normalizing the implementation of Open Education Resources (OER) and Zero Cost Course Materials (ZCCM) is a viable solution. The adoption of an OER/ZCCM system could eliminate cost barriers for students of low socioeconomic status as well as increase student retention and interest in course readings.

ORAL PRESENTATIONS

Session Five- BMU Room 204, 2nd Floor

Moderator: Dr. Darin Haerle

5:45

WHY GRAD SCHOOL?

Kanvarbir Gill, Riley Rosenberg, Andrea Rosales, and Cheryl Sprague

Representing the Department of Political Science and Criminal Justice, Psychology, Social Science

Is graduate school in your future? Students of all majors are welcome to come join us as we host a panel of graduate students from a variety of disciplines who will be speaking about their graduate programs, academic and professional backgrounds, and tips for a successful graduate school experience. This is a great way to learn more about what the graduate programs on our campus have to offer!

Session Six - BMU Room 301, 3rd Floor

Moderator: Dr. Vincent Ornelas

5:45

BEING BLACK/AFRICAN AMERICAN IN A PREDOMINATELY WHITE WORKFORCE: CHALLENGES, BARRIERS, AND LESSONS LEARNED

Dominique Soares

Representing the School of Social Work

To date, there are no peer-reviewed journal articles on the challenges and barriers specific to Black Human Services professionals in rural White workforces. My research highlights the obstacles, barriers as well as the discomfort Black/African American human service workers experience while working in predominantly white spaces. The research identified the effects the challenges and barriers have on Black/African American professionals mentally, physically, and emotionally that, in turn, affect their longevity and productivity. The goal of this study is to bring awareness to the challenges and give voice to the Black/African American human service professionals who serve Butte County.

ORAL PRESENTATIONS

Session Six - BMU Room 301, 3rd Floor

Moderator: Dr. Vincent Ornelas

6:00

CULTURALLY SYNTONIC DROPOUT PREVENTION PROGRAM

Denise Gonzalez

Representing the School of Social Work

This is a school-based honors project targeted middle school students and utilizing high school students as a primary resource. All targeted individuals are classified as Migrant Education students in Sutter County.

6:15

INVESTIGATING BELONGING FOR STUDENTS OF COLOR AT CHICO STATE

Selena Hnubcihli Thao, Morgana Fae Gorre-Clancy, and Juanwon Anderson-Verdell

Representing the Department of Multicultural and Gender Studies and School of Social Work

This project explores the ways in which students of color at Chico State experience a sense of belonging. Methods used included a belonging survey used by the First Year Experience program as well as four focus groups. Focus group participants identified as part of the Hmong, Black/African American, Latinx, or Native American/Indigenous communities. Findings and recommendations for policy and practice will be shared.

6:30

PROVIDING KNOWLEDGE TO HELP REDUCE THE RISKS OF CHILD SEXUAL ABUSE

Elizabeth Johnson

Representing the School of Social Work

The main idea of this presentation is to provide caregivers with insightful information to help prevent the epidemic that is child sexual abuse. While child sexual abuse cannot be prevented as a whole, providing families with the correct information can be critical in the reduction of the occurrences of the abuse.

ORAL PRESENTATIONS

Session Six - BMU Room 301, 3rd Floor

Moderator: Dr. Vincent Ornelas

6:45

COLOR VISION: UNDERSTANDING THE PERCEPTION OF PEOPLE OF COLOR AND ILLICIT DRUGS.

Kanvarbir Gill

Representing the Department of Psychology

We use the Implicit Associations Test (IAT) to measure attitudes toward drug-related stimuli and race. We expect participants to have a greater automatic association for African American faces and illicit drugs and weaker associations for Latinx and Asian faces and illicit drugs. The present study seeks to test participants' reaction times when comparing implicit attitudes of White vs African American, White vs Asian, and White vs Latinx faces with illicit drugs. We find that participants have the strongest implicit biases for categorizing African American faces with illicit drugs and the weakest implicit biases for categorizing Latinx and Asian faces with illicit drugs. We believe the implications of this study may convey that racial stereotypes can affect drug related attitudes and perceptions about drug use.

VIRTUAL PRESENTATIONS

Session One

Moderator: Dr. Adam Irish

5:30

POLITICS OF TERRORISM

Gonzalo Arevalo, Katerina Marquez, Tarren McNally, Mia Dabwan, Rachel Nelson, Ashley Powers and Chloe Yeager

Representing the Department of Political Science and Criminal Justice

This virtual panel will host 6 students from POLS 414: Politics of Terrorism all of whom will present on a different terrorist group. Together their research will help us to question the different approaches to studying terrorism as well as reveal interesting trends in the behavior of terrorist groups and state responses.

Session Two

Moderator: Maria Barriga

5:30

INTERNATIONAL ORGANIZATIONS AND NGOS

Larkin Cruice, David Gregory, Nicholas Jordan, Kimberly Manriquez, Kayley Lima Vasquez, and Samuel Wynd

Representing the Department of Political Science and Criminal Justice

This panel will bring together 7 students from POLS 346: International Organizations and NGOs to discuss international cooperation and the behavior of international institutions and non-state actors. Together these papers will cover a range of IOs and NGOs as well as the broader prospects for international cooperation and conflict management.

VIRTUAL PRESENTATIONS

Session Three

Moderator: Noelle Ferdon Brimlow

5:30

CHILD CUSTODY AND A MINOR'S RIGHT TO CHOOSE

Kharismah Sahagun-Escalante

Representing the Department of Political Science and Criminal Justice

Minor's right to address the court during a child custody dispute and choose their desired custody and visitation plan.

5:45

CHILD EMANCIPATION

Vanessa Flourney

Representing the Department of Political Science and Criminal Justice

Overview of the rights a child has to be emancipated from their parents and the process to do so.

6:00

HUMAN DEVELOPMENT IN THE WILD URBAN INTERFACE

Max Lennig

Representing the Department of Political Science and Criminal Justice

Due to expanding human development in the Wildland-Urban Interface there is an ever-growing risk that, as climate change pushes temperatures higher and decreases the amount of precipitation, the cost of damage these wildfires have will skyrocket. As more people move into the WUI, wildfires have increased in frequency and magnitude. The more people living in areas with flammable vegetation, the more fires there are.

6:15

SEXUAL VIOLENCE IN THE MILITARY

Almarie Osbourne

Representing the Department of Political Science and Criminal Justice

Sexual violence issues include miscommunication, just movng people around, males tend to keep each other's secrets so the violence isn't reported.

VIRTUAL PRESENTATIONS

Session Three

Moderator: Noelle Ferdon Brimlow

6:30

UNDERSTANDING SUPERVISED VISITATION

Brianna Palafox

Representing the Department of Political Science and Criminal Justice

Understanding supervised visitation, the process of requesting it, the role of the 3rd party supervisor and what the court considers when ordering a supervised visit.

Session Four

Moderator: Dr. Patrick Johnson

5:30

A BEHAVIORAL ECONOMIC ANALYSIS OF ALCOHOL USE AND SOCIAL INTERACTION

Genavieve Chambers

Representing the Department of Psychology

COVID-19 increased the relative cost of socialization and simultaneously may have decreased the relative cost of alcohol consumption. We asked 87 participants (ages 21+) to self-report their pre-pandemic and current alcohol use and socialization patterns, and complete four behavioral economic hypothetical purchasing tasks involving an alcohol event and/or seeing a friend. As hypothesized, those who reported decreased alcohol use patterns exhibited a complementary (i.e., decreased) relation between alcohol and socialization, whereas participants who reported increased alcohol use patterns exhibited a substitutive (i.e., increased) relationship. Results suggest participants who show a substitutive relationship may be at risk of dangerous drinking patterns.

VIRTUAL PRESENTATIONS

Session Four

Moderator: Dr. Patrick Johnson

5:45

EFFECTS OF BELIEFS ABOUT FREE WILL AND DETERMINISM IN A HYPOTHETICAL DONATION TASK

Krysta Darling

Representing the Department of Psychology

Belief in free will is associated with prosocial behaviors such as helpfulness, but also antisocial behaviors such as cheating. Our study examined how exposure to free will statements influences donation-based behavior. One hundred and eighty-four participants read supportive, neutral, or refutative statements about free will and reported how much of a \$100 gift they would donate to a hypothetical individual experiencing homelessness. Although donation amounts did not differ significantly depending on free will statements, we observed a trend toward higher donations with supportive free will statements, suggesting that exposure to statements supportive of free will may lead to altruistic behavior.

6:00

FACING THE FUTURE: EFFECTS OF AGE-PROGRESSED IMAGES ON IMPULSIVE DECISION-MAKING

Lauren Goldberg

Representing the Department of Psychology

An approach for promoting self-control involves individuals viewing age-progressed self-portraits (Hershfield et al., 2011). This study is currently examining the exposure effects to age-progressed “selfies” on delay discounting of hypothetical monetary rewards. Participants are randomized to one of five groups and shown either their present or age-progressed self-image, a present or aged-progressed image of a similar-looking individual, or no image. We hypothesize that participants exposed to age-progressed images will make fewer impulsive choices than participants exposed to present images or no image. If supported, age progression may be favorably incorporated into interventions to motivate self-control and promote optimal health behaviors.

VIRTUAL PRESENTATIONS

Session Four

Moderator: Dr. Patrick Johnson

6:15

ONLYFANS: CONTENT CREATOR'S PERCEPTIONS OF POTENTIAL BANS OF SEXUALLY EXPLICIT CONTENT

Natalie Lawlor

Representing the Department of Psychology

Recently, OnlyFans, a new content platform consisting of pornographic content being sold, proposed a ban on sexually explicit content on the platform but quickly recalled it. With over two million sex workers creating digital content on OnlyFans, a ban may negatively impact this large group. This study used a mixed methods design consisting of an online survey (N = 218) and qualitative interviews (N = 9) of OnlyFans content creators investigating perceived impacts of a ban. Thematic Analysis of interview transcripts and a qualitative survey item identified four primary themes: 1) Politics, 2) Sociocultural, 3) OnlyFans as a Platform, and 4) Sex Worker Impacts.

Session Five

Moderator: Ryan Miller

5:30

CALIFORNIA REDISTRICTING CALIFORNIA'S CONGRESSIONAL CHANGE

Lindsay Ramirez

Representing the Department of Social Science

We use the Implicit Associations Test (IAT) to measure attitudes toward drug-related stimuli and race. We expect participants to have a greater automatic association for African American faces and illicit drugs and weaker associations for Latinx and Asian faces and illicit drugs. The present study seeks to test participants' reaction times when comparing implicit attitudes of White vs African American, White vs Asian, and White vs Latinx faces with illicit drugs. We find that participants have the strongest implicit

VIRTUAL PRESENTATIONS

Session Five

Moderator: Ryan Miller

biases for categorizing African American faces with illicit drugs and the weakest implicit biases for categorizing Latinx and Asian faces with illicit drugs. We believe the implications of this study may convey that racial stereotypes can affect drug related attitudes and perceptions about drug use.

5:45

EDUCATION INEQUALITY

Juan Ventura

Representing the Department of Social Science

Students' Educational attainment is greatly influenced by their surrounding environment. Not all schools offer a quality education with similar opportunities. For this study I will use existing data sets from the "U.S. National and State Trends in Educational Inequality due to Socioeconomic Status: Evidence from the 2003–17 NAEP" One of the research methods I will use follows the "Gini Coefficient" that measures inequality in the distribution of wealth. I will touch on how socio-economic status greatly affects the quality of education a student will receive and their educational outcomes.

6:00

HOW DO POLITICAL AFFILIATIONS AFFECT COVID-19 VACCINATION RATES IN THE STATE OF CALIFORNIA?

Whitney Kay, Manuel Tovar, and Davie Willard

Representing the Department of Social Science

This study aims to understand the relationship between political affiliation and vaccination rates in California. We compare voter registration data from the California Secretary of State with vaccination rates provided by the California Department of Public Health to assess this relationship at a county level.

VIRTUAL PRESENTATIONS

Session Five

Moderator: Ryan Miller

6:15

HOW DOES CLIMATE CHANGE IMPACT MARINE ECOSYSTEMS?

Deepika Weerasekera

Representing the Department of Social Science

Protecting marine ecosystems will maintain the health of coastal and marine habitats, viability of marine life populations, and natural variability in ecological processes. With reference to Peer Reviewed journal articles and facts taken from California Open Data Portal, I am able to show the many effects of climate change on marine ecosystems. Findings: rising sea levels, elevated CO₂ levels in the atmosphere, the greenhouse gas emission effect, and the threats facing widespread marine species, will be some of the main effects of climate change.

6:30

CYBER WARFARE

Eva Kortizija

Representing the Department of Political Science and Criminal Justice

Traditional warfare practices have been the primary form of conducting combat for thousands of years, and yet modern states are now resorting to cyberwarfare practices. This project approaches the question of why this change has occurred by utilizing case studies from China and Russia and other secondary literature.

6:45

LEAVING PARADISE

Janis Grove

Representing the Department of Social Science

California wildfires cause considerable economic damage and injury each year. Homes are expensive to rebuild, and some did not recover from the economic loss and instead chose to move. Smoke from forestry and infrastructure burning can leave air toxic for weeks and influence respiratory illness. This paper will focus primarily on 2018's Camp Fire that

VIRTUAL PRESENTATIONS

Session Five

Moderator: Ryan Miller

engulfed Paradise, Ca.; but will draw information from natural disaster articles, local census data, and local housing trends to see that preparedness, risk of future occurrences, lack of available housing and diversity is how 2018's Camp Fire increased the out-migration from Paradise, Ca.

Session Six

Moderator: Brandi Aranguren

5:30

EXPOSED: THE IMPACT OF COVID-19 RELATED TO SEXUAL BEHAVIORS AND SEXUALLY TRANSMITTED INFECTIONS

Marina Russell

Representing the Department of Social Science

Since the onset of COVID-19, many changes have impacted our lives and become our new normal. Social distancing, mask wearing, lockdown and shortages of essential items has changed our social landscape. In the midst of these changes my question is, how has COVID-19 impacted sexual behaviors and sexually transmitted infections? Specifically, availability of sexual health screening and testing options, sexual behaviors and partner selection. Due to the imposed lockdown, previous research has heavily relied on survey taking, I will be utilizing data from the California Department of Public Health to analyze infections and testing.

VIRTUAL PRESENTATIONS

Session Six

Moderator: Brandi Aranguren

5:45

NAVIGATING MOTHERHOOD DURING A PANDEMIC: MOTHERS' PERCEPTIONS OF THEIR INTERACTIONS WITH THEIR CHILDREN, PARENTING STRESS, AND FAMILY SENSE OF COHERENCE

Emily Wood

Representing the Department of Sociology

We aim to describe mothers' experiences during the COVID-19 pandemic as they cope with increased parenting responsibilities. We propose levels of parenting stress (requirements of parenting exceed the available resources) and family sense of coherence (FSOC) (how families view/approach stressors) relate to mothers' perceptions of their interactions. Mothers (N = 92) completed the Parenting Stress and FSOC scales, and stated the biggest way their parent-child interactions changed since COVID-19. Responses were coded for main themes. Mothers experiencing negative emotions had significantly higher parenting stress levels than the other themes. FSOC levels did not vary significantly with relatively high levels across all six groups.

6:00

SANTA ANA RESIDENTS' PERCEPTION OF THE POLICE

Roxzel Soto Tellez

Representing the Department of Social Science

This research focuses on the factors that impact Santa Ana residents' perception and support of the police. Statistical analyses of a quantitative survey explored relationships between concepts of police perception, fear of crime, community reliance for safety, and budgetary support. The data reveals that educational attainment, gender, and household income are significant influences. Results also conclude the belief of "too little" funding for community programs, whereas law enforcement was the only factor with "too much" perceived funding. The results imply that residents want a balance of spending for community programs and police.

VIRTUAL PRESENTATIONS

Session Six

Moderator: Brandi Aranguren

6:15

THE IMPACT OF COVID-19 ON THE SEXUAL BEHAVIORS OF COLLEGE STUDENTS

Nikki Woodall

Representing the Department of Social Science

This study will review or summarize existing data on sexual behaviors of college students during the COVID-19 pandemic. The goal is to examine how the behaviors of the students surveyed changed, and whether or not they changed their patterns of sexual behaviors as a result of the pandemic. The articles covered will focus on areas of sexual behavior of students during COVID-19, as well as the sexual behaviors of students before the start of the pandemic.

6:30

VACCINATION RATES & INCOME

Jeffrey Tedtaotao

Representing the Department of Social Science

How does income affect vaccination status? Previous studies have found correlations between median household incomes and vaccination rates. This study examines the relationship between vaccination rates and income within the state of California.



POSTER PRESENTATIONS

Bell Memorial Union Auditorium

5:30—7:00 p.m.

EXAMINING DIFFERENT MATERIALS OF GROUNDSTONE: WHICH IS MORE EFFICIENT FOR MILLING SLABS

Emily Gallo, Kaya Williams, and Natalie Hernandez
Representing the Department of Anthropology

FIRE! IT'S NOT ALL BAD NEWS

Giavanna Gianfermi, Tyler Strahl, Aurora Ramirez Meza, and Joanna Vidal
Representing the Department of Geography and Planning

WETLANDS, CLIMATE CHANGE, AND YOU

Chelsea Barron, Zachary Heier, Faith Churchill and Logan Krahenbuhl
Representing the Department of Geography and Planning

AB 109 CRIMINAL JUSTICE REALIGNMENT IN CA

Donald Yau
Representing the Department of Political Science and Criminal Justice

AB 453

Tammy Almazen Lorenzo
Representing the Department of Political Science and Criminal Justice

ACTIVISM THROUGH SOCIAL MEDIA AND HOW IT IMPACTS WOMAN

Logan McAndrews and Claire Beers
Representing the Department of Political Science and Criminal Justice

AFFECTS OF GOVERNMENT ASSISTANCE ON VOTER TURNOUT IN LOW-INCOME COMMUNITIES

Mallory Borrego and Travis Turner
Representing the Department of Political Science and Criminal Justice

AFFORDABLE HOUSING AND HOMELESSNESS

Diego Amaro and Cesar Hernandez
Representing the Department of Political Science and Criminal Justice

BAIL/CALCULATING RELEASE DATES

Rocio Rodriguez
Representing the Department of Political Science and Criminal Justice

POSTER PRESENTATIONS

CALIFORNIA PROPOSITION 57

Kayla Urjevich

Representing the Department of Political Science and Criminal Justice

CALIFORNIA RACIAL JUSTICE ACT

Lesley Bernabe Martinez

Representing the Department of Political Science and Criminal Justice

CSU AND TITLE IX REPORTING DISCREPANCIES

Lauryn Osendorf, Yasmin Ramirez, Samantha Sweeten, and Jacob Wilburn

Representing the Department of Political Science and Criminal Justice

DISABILITY LAW: A HYPOTHETICAL CASE

Emely Duenas and Leonela Morales

Representing the Department of Political Science and Criminal Justice

DOMESTIC VIOLENCE AND HOMELESSNESS

Summer Ramsden

Representing the Department of Political Science and Criminal Justice

ELDERLY NEGLECT AND ABUSE IN CALIFORNIA NURSING HOMES DURING COVID-19

Ashley Sutton

Representing the Department of Political Science and Criminal Justice

EXPUNGEMENT AND REDUCE TO MISDEMEANOR

Adriana Martinez

Representing the Department of Political Science and Criminal Justice

FELONY SENTENCING IN THE STATE OF CALIFORNIA

Emma Davis

Representing the Department of Political Science and Criminal Justice

FORCED ARBITRATION: EPIC SYSTEMS V. LEWIS

Owen Boggeln

Representing the Department of Political Science and Criminal Justice

GRANDPARENT RIGHTS AND CHILD DEPENDENCY

Jacqueline Posadas

Representing the Department of Political Science and Criminal Justice

POSTER PRESENTATIONS

GUN OWNERSHIP AND THE RELATIONSHIP WITH POLITICAL ALIGNMENT

Andrew Fanfassian and Roarke Hadfield

Representing the Department of Political Science and Criminal Justice

GUN VIOLENCE RESTRAINING ORDERS

Travis Turner

Representing the Department of Political Science and Criminal Justice

HABEAS CORPUS AND COMMON CLAIMS

Bridgette Robison

Representing the Department of Political Science and Criminal Justice

HOW TO FIND THE BEST RENTAL OPTIONS AS A CHICO STATE STUDENT

Grace Osborn

Representing the Department of Political Science and Criminal Justice

INTRICATE INVOLVEMENT: HOW AGE IMPACTS POLITICAL PARTICIPATION

Gavin Lawrence and Seth Valencia

Representing the Department of Political Science and Criminal Justice

MEADOWFOAM: AN ENDANGERED BUTTE COUNTY FLORAL SPECIES.

Angel Bliss

Representing the Department of Political Science and Criminal Justice

MENTAL HEALTH SERVICES IN RELATION TO CRIME

Rose Melendez

Representing the Department of Political Science and Criminal Justice

MILITARY INTERVENTION AND CIVIL CONFLICT

Alicia Cortez

Representing the Department of Political Science and Criminal Justice

OPEN CONTAINER LAWS AND LOCATIONS IN CHICO

Grace Shepherd

Representing the Department of Political Science and Criminal Justice

OPINIONS ON ABORTION DUE TO ACCESS TO ABORTIONS

Nina Revoir and Litzy Venegas Rodriguez

Representing the Department of Political Science and Criminal Justice

POSTER PRESENTATIONS

POST RELEASE PROGRAMS AND ASSISTANCE FOR FELONS

Alaina Elliott

Representing the Department of Political Science and Criminal Justice

PRELIMINARY HEARING AND PRE-TRIAL

Jesus Gonzalez

Representing the Department of Political Science and Criminal Justice

PRISON INDUSTRY

Brady Fernandez

Representing the Department of Political Science and Criminal Justice

PROBATE LAW: HOW TO CONTEST A WILL

Gilberto Alvarez

Representing the Department of Political Science and Criminal Justice

PROBATION AND PAROLE SYSTEMS IN CALIFORNIA

Kelli Armstrong

Representing the Department of Political Science and Criminal Justice

RAPE RELATED PREGNANCY

Katie Chai

Representing the Department of Political Science and Criminal Justice

RIGHT TO COUNCIL IN CALIFORNIA

Sophia Garibaldi

Representing the Department of Political Science and Criminal Justice

SENATE BILL 36

Noelle Nixon

Representing the Department of Political Science and Criminal Justice

SEVEN STEPS TO A CRIMINAL TRIAL

Damian Sablan

Representing the Department of Political Science and Criminal Justice

SOCIAL MEDIA AND PARTISANSHIP

Griffin Howard and Taylor Born

Representing the Department of Political Science and Criminal Justice

POSTER PRESENTATIONS

SOCIAL MEDIA AND POLITICAL POLARIZATION

Mary Jane Bormolini and Luke Evens

Representing the Department of Political Science and Criminal Justice

SOCIAL MEDIA AND THE DEMOCRATIC MOVEMENT?

Maki Goto

Representing the Department of Political Science and Criminal Justice

SPECIAL NEEDS TRUSTS

Rafael Velasquez

Representing the Department of Political Science and Criminal Justice

THE CATALYST OF CAPITAL PUNISHMENT: ETHNICITY AND EDUCATION

Cytlali Alvarado and Jonas Little

Representing the Department of Political Science and Criminal Justice

THE CAUSES OF DEMOCRATIZATION

Humberto Partida

Representing the Department of Political Science and Criminal Justice

THE EFFECT OF STUDENT DEBT ON ECONOMIC STABILITY

Ingmar Fris and Griffen Sanchez

Representing the Department of Political Science and Criminal Justice

THE EFFECTS OF CORRUPTION IN DEMOCRACY

Yorelis Gutierrez

Representing the Department of Political Science and Criminal Justice

THE EFFICACY OF VOTER MOBILIZATION CAMPAIGNS

Alyson Atencio and Cole Castro

Representing the Department of Political Science and Criminal Justice

THE INFLUENCE OF AGE ON POLITICAL PARTICIPATION IN THE EMERGING WORLD OF MASS MEDIA

Ian Siegert and Holley Thomas

Representing the Department of Political Science and Criminal Justice

THE INFLUENCE OF RELIGION ON ONE'S OPINION ON US FOREIGN AFFAIRS

Hannah Thompson and Taylor Jeffrey

POSTER PRESENTATIONS

THE RISE OF NATIONALISM WITHIN THE 21ST CENTURY

Savannah Morse

Representing the Department of Political Science and Criminal Justice

UNDERSTANDING THE EFFECTS OF ECONOMIC STATUS ON COLLEGE ATTAINMENT

James Loftus and Sutsada Phetphadoung

Representing the Department of Political Science and Criminal Justice

UNDERSTANDING THE VIEW OF POLICE BY DIVERGENT GROUPS OF PEOPLE

Amanitveer Singh

Representing the Department of Political Science and Criminal Justice

VOTER ID LAWS AND THEIR EFFECTS ON VOTER TURNOUT

Maryann Estrada Gutierrez and Kellin Ashley

Representing the Department of Political Science and Criminal Justice

WAR IN UKRAINE, VENEZUELA'S SAVIOR?

James Meyer

Representing the Department of Political Science and Criminal Justice

WATER AND CONFLICT

Joshua Rubinoff

Representing the Department of Political Science and Criminal Justice

WHAT HAPPENS IN DEPENDENCY COURT - FOR CHILDREN?

Summer Jackman

Representing the Department of Political Science and Criminal Justice

WHAT IS THE INFLUENCE OF WATER SCARCITY ON TERRORIST BEHAVIOR?

Sonia Quintero

Representing the Department of Political Science and Criminal Justice

THE TOTAL COST OF A DUI

Rohan McKenna

Representing the Department of Political Science and Criminal Justice

POSTER PRESENTATIONS

THE IMPACT OF THE COVID-19 PANDEMIC ON ANXIETY AND HYPERVIGILANCE: AN EXAMINATION OF COMPUDED STRESSORS IN MINORITY GROUPS

Recamier Jauregui-Ocampo

Representing the Department of Psychology

NOTES



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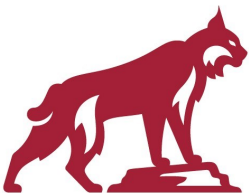
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