



LEWIS-CLARK
STATE COLLEGE

*16th Annual
Research Symposium*

April 25th - May 3rd, 2025



Connecting Research to Life

Mission

The mission of the Lewis-Clark State College Research Symposium is to celebrate academic achievement, enhance professional development, and promote scholarship and research excellence by providing students, faculty, and guests the opportunity to present and share their work.

Participating Programs

Business & Computer Science Division

Business

Computer Science

Humanities Division

Communication Arts

English

Art

Music

Nursing & Health Sciences Division

Nursing

Physical, Life, Movement & Sport Science Division

Biology

Chemistry

Earth Science

Exercise Science Kinesiology

Sport Management

Social Sciences Division

Justice Studies

Social Sciences

Social Work

Psychology

Technical & Industrial Division

***A special thank you is extended to the following people who made the
2025 Research Symposium a reality:***

President Cynthia Pemberton

Provost Frederick Chilson

Sr. Director Coeur d'Alene Rocky Owens

Dean Martin Gibbs, Dean Luther Maddy, Dean Jeff Ober

Dr. Krista Harwick - Associate Dean -School of Professional Studies/ Nursing & Health Sciences

Ms. Jenny Scott - Business & Computer Science

Dr. Amanda Van Lanen - Humanities

Ms. Michelle Pearson-Smith, Nursing & Health Sciences

Dr. Rachel Jameton - Physical, Life, Movement, and Sport Sciences

Dr. Christopher Riggs - Social Sciences

Ms. Jennifer Weeks - Technical and Industrial Division

Ms. Vicki Cooper – Provost Office Management Assistant

Ms. Angel Huddleston - Events & Conferences

Ms. Hailey Denton -Web Coordinator

Ms. Monika Pande - SODEXO

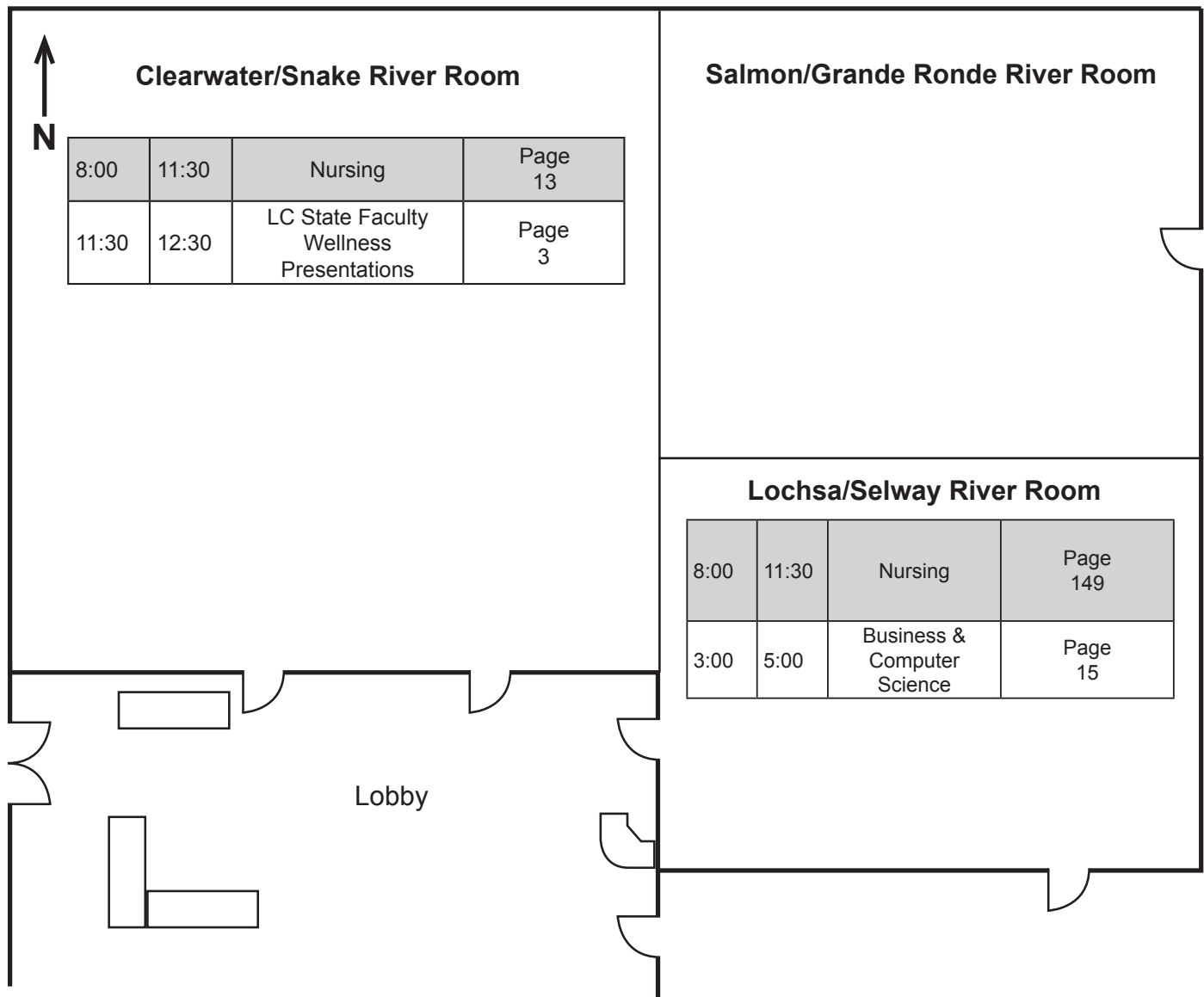
Ms. Julie Wilson and Ms. Lynne Whisner - Graphic Communications

Friday, April 25th

9:00 - 12:00	Social Science - Social Work	Sam Glenn Complex (SGC) 224	Page 6
9:00 - 12:00	Social Science - Psychology	Activity Center West (ACW) 135	Page 7-9
9:30 - 11:45	Social Science - Social Sciences Program	Sam Glenn Complex (SGC) 225	Page 10-11
10:00 - 12:00	Social Science - Justice Studies	Activity Center West (ACW) 134	Page 11-12

Social Science Graduation Reception 12:00-1:00 • Sam Glenn Lawn

Williams Conference Center Map Wednesday, April 30th Schedule by Room



Silverthorne Theater

11:00-12:00	Shakespeare & Film Class	Page 14
7:30-9:00	Humanities Jazz Band Concert	Page 15

Library

4:30-6:00	Student Art Exhibit	Page 15
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LC State Faculty Wellness Presentations

Wednesday, April 30th, 11:30-12:30
Clearwater & Snake River Rooms



Presentation Time: 11:30-12:00

Faculty Member: Dr. Collin Fehr, Assistant Professor of Kinesiology

Instructional Division: Physical, Life, Movement & Sport Sciences

Presentation Title: Performance O.P.T.I.C.S.: A Formula for Achieving Your Goals

Presentation Description: In this presentation, Dr. Fehr will present his novel mental performance framework. The “Performance O.P.T.I.C.S.” formula has never been presented to a public audience and represents years of applied practice and conceptualization. It can be used in both performance (e.g., sport, music, etc.) and general life domains (e.g., career planning) to achieve desired outcomes. This presentation will focus on how to use the Performance O.P.T.I.C.S. formula to succeed in college and beyond.



Presentation Time: 12:00-12:30

Faculty Member: Ms. Magen Goforth, Assistant Professor of Culinary Arts

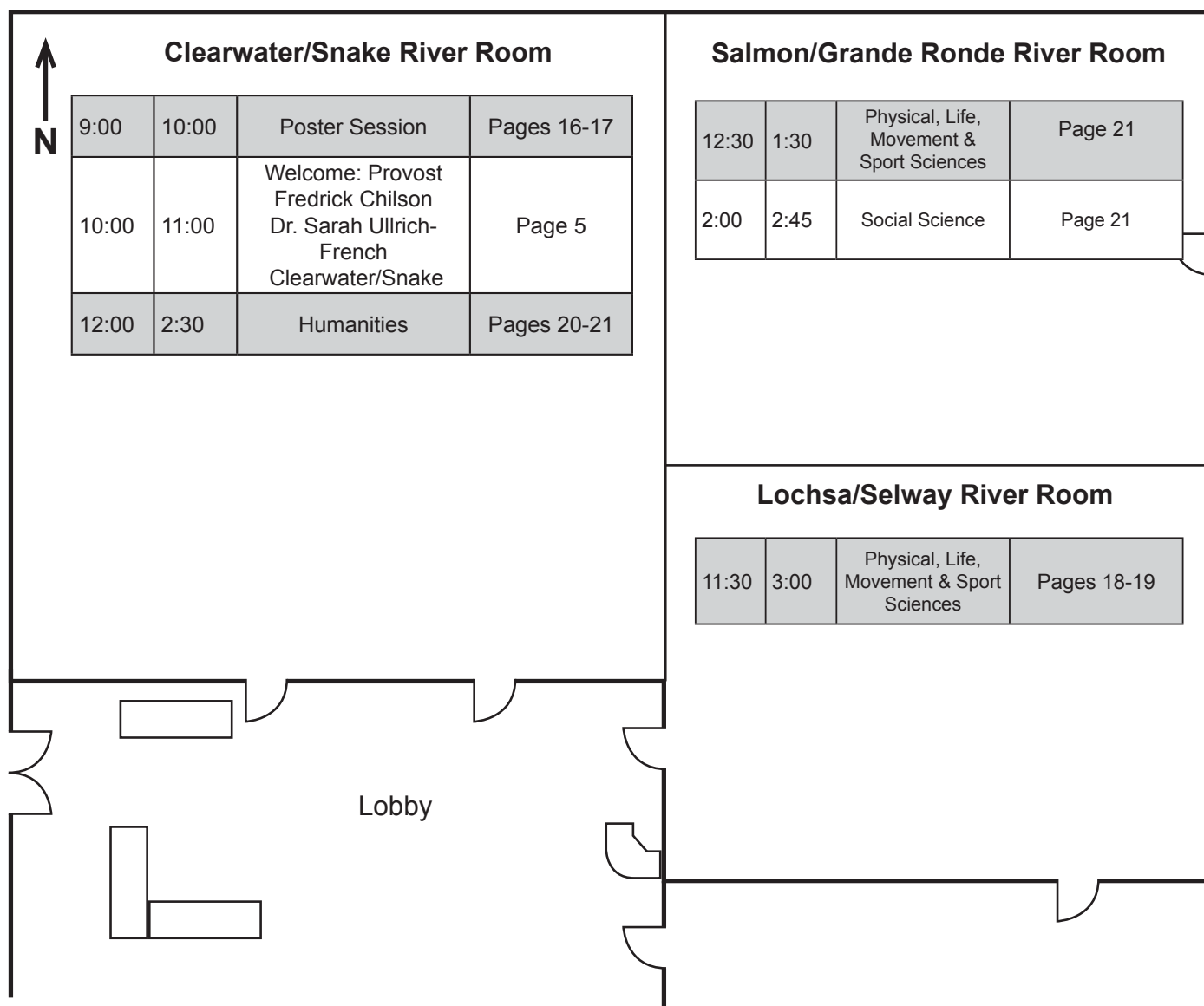
Instructional Division: Business & Computer Science Division

Presentation Title: Healthy Eating Tips for the Busy College Student

Presentation Description: Trying to figure out what to eat to perform optimally on your finals? Come to this session! Professor Goforth will share tips and tricks to create convenient and healthy snacks and meals designed to help you function at an optimal level during finals week.

Williams Conference Center Map & Schedule by Room

Thursday, May 1st



Humanities Graduation Reception
3:00-5:00 • Spalding Hall Foyer

Physical, Life, Movement & Sport Sciences Graduation Reception
3:00-5:00 • Williams Conference Center

Welcome & Opening Remarks:
Provost Fredrick Chilson

Keynote Address 2025
Dr. Sarah Ullrich-French

Professor, Washington State University

Embodiment: A Path to Wellness

Thursday, May 1st 10:00-11:00

Clearwater/Snake Room



Biography: Sarah Ullrich-French was raised in Pullman, WA. She earned her BA in Sociology from Seattle University, where she ran cross-country and met her life partner. After following her spouse to West Lafayette Indiana she stumbled across the academic discipline of Kinesiology, the study of human movement. As this aligned with her personal passion for all things outdoors and running, she was hooked. She went on to earn her MS and PhD from Purdue University in Kinesiology with an emphasis on Sport and Exercise Psychology and Youth Development. In 2008 she started as a faculty member at Washington State University where she is currently a full Professor and raised two of her own youth sport participants. Sarah's research broadly studies mechanisms that maximize positive physical activity experiences. She has conducted research on youth sport motivation and using sport and physical activity in Positive Youth Development programs. Her research is currently exploring mindful movement and embodiment and the role of

harnessing positive physical activity experiences in long-term motivation and wellbeing. Sarah has served as Program Chair and as Communication Director on the Executive Board for the North American Society for the Psychology of Sport and Physical Activity. She is an Associate Editor for the APA journal Sport, Exercise, and Performance Psychology and is on the Editorial Board for the Journal of Sport & Exercise Psychology. Sarah is currently on the Board of Directors for the American Kinesiology Association and serves on the Membership Committee.

FRIDAY MORNING SESSION



[Join Virtually](#)

Student Authors: Gina Peck & Katherine Martin

Faculty Mentor: Dr. LaChelle Rosenbaum

Project Title: Strategies for Multi-Ethnic Elementary Schools 4th –5th Grade

Abstract: Children being bullied by other children in schools is a widespread issue, particularly in multi-ethnic settings. This study focuses on anti-bullying strategies for K-5 students in the Pacific Northwest. Using Social-Ecological Theory, the research examines the complex interactions between individual characteristics, teacher-student relationships, and institutional factors such as school policies and leadership, and investigates barriers to anti-bullying program implementation. It also provides evidence-based recommendations for developing culturally responsive, practical solutions.

Student Authors: Ashley Cliff, Haili Stull & Maria Vega

Faculty Mentor: Dr. LaChelle Rosenbaum

Project Title: How Food Barriers Affect College Students

Abstract: Battling food insecurities can be hard for anyone, but especially for college students. Without knowing their resources, college students are prone to food insecurity which can affect their mental and social well-being. The purpose of this qualitative and correlational study was to determine just how much food barriers affect college students and their mental and social well-being. Results will be shared at the research symposium.

Student Authors: Megan Irwin & Taylor Neese

Faculty Mentor: Dr. LaChelle Rosenbaum

Project Title: Public Opinions on Restorative Justice Sentencing Practices for Juvenile Offenders

Abstract: Restorative justice brings the offender and the victim together, in the community in which the crime was committed, to create a mediation process that involves healing for all. The purpose of this research is to gain an understanding of the general public's opinion on using restorative justice practices for juvenile sentencing. Therefore, the researchers created a survey utilizing Qualtrics survey software shared on social media. Results are pending and will be shared at student symposium.

Student Authors: Jade Gehring, Caressa Foor, Christine Runion & Luck Bond

Faculty Mentor: Dr. LaChelle Rosenbaum

Project Title: The Impact of Screen Time on the Behavior of Adolescents

Abstract: Technology is becoming a bigger part of adolescents' lives, thus most experience increased screen time. This study examines how a one-hour screen session affects their ability to follow directions before, during, and after. Using a quantitative descriptive approach, parents will complete a questionnaire rating their child's compliance and emotional regulation. Results will explore behavioral patterns and challenges in task completion, helping parents and educators develop strategies for managing screen time. Findings will be shared at the student symposium.

Student Authors: Tammy Wilson, Brylee Oien, Taylor Fagan & Nacole Wilkinson

Faculty Mentor: Dr. LaChelle Rosenbaum

Project Title: Long-Term Effects on A Pet Owner's Mental Health

Abstract: This research explores the impact of a Mindfulness Pet Training program on dog owners mental health awareness. It aims to assess if structured mindfulness activities enhance understanding and control over mental health outcomes. The study involves 62 adult dog owners, divided between those who completed the training and community members. Data is collected via a questionnaire, focusing on stress, happiness, and coping skills. Anticipated outcomes include increased awareness, improved social engagement, and reduced anxiety and depression symptoms.

Sam Glenn Complex (SGC) 224 • 9:00 – 12:00
SOCIAL WORK

FRIDAY, APRIL 25

FRIDAY MORNING SESSION

FRIDAY, APRIL 25

Sam Glenn Complex (SGC) 224 • 9:00 – 12:00

SOCIAL WORK

Student Author: Danyka Gutierrez Morgan

Faculty Mentor: Dr. LaChelle Rosenbaum

Project Title: An Analysis of Therapist Workload and Client Retention

Abstract: This study examines the relationship between therapist's workload and client intake retention in a clinical outpatient setting. Fourteen Idaho-based therapists were divided into high or low workload categories based on median monthly clinical hours. Intake retention is defined as clients seen four or more times in 2024, per customer acquisition costs and industry standards. A two-sample t-test was conducted to assess differences in intake retention rates. Results will be shared at the research symposium.

Student Author: Jessica Astle

Faculty Mentor: Dr. LaChelle Rosenbaum

Project Title: Coping Strategies Veterans Use to Improve Symptoms of PTSD

Abstract: This study explores coping strategies veterans use to manage symptoms of post-traumatic stress disorder (PTSD). Literature suggests a range of adaptive strategies, including religious/spiritual methods, social support, physical activity, mindfulness, cognitive-behavioral techniques, drug and alcohol sedation, and avoidance, amongst others. Veterans' perspectives highlight the importance of peer connection, purpose-driven activities, and therapy. Understanding these various strategies provides insight into effective, veteran-centered interventions and underscores the value of personal agency and managing PTSD symptoms.

Student Authors: Lexy Cirka & Molly Hajost

Faculty Mentor: Dr. LaChelle Rosenbaum

Project Title: The Effects of Generational Trauma on an Individual's Internal & External Wellbeing

Abstract: The purpose of this study is to determine the underlying causes of generational trauma and the effects it has on an individual's health. Examining how an individual engages with their local resources, including support services and community organizations. The Brief Social Integration Scale will be used to gauge their community resources. Their ACEs scores from childhood will be used to gauge their current psychosocial and emotional health. Results will be shared at the research symposium

Student Authors: Peyton Aldrich, Baylee Leavitt & Kristen Thomas

Faculty Mentor: Ms. Marte White

Project Title: The Effects Music has on Depression in College Students

Abstract: This exploratory survey examines how music can be used to cope with and manage college students' depression. Surveys that included a PHQ-9 were administered to students at a Pacific Northwest college to provide the data for this analysis.

Activity Center West (ACW) 135

9:00 – 12:00 • PSYCHOLOGY



[Join Virtually](#)

Student Author: Ajay Gordon

Faculty Mentor: Dr. Rachelle Genthôs

Project Title: The Deception of Perception: Examining the Relationship Between Self-Perceived ToM and Actual ToM

Abstract: The development of Theory of Mind (ToM) can be influenced by various socio-demographic factors, including sex, level of education, and income (Clutterbuck et al., 2023), making it challenging for individuals to accurately assess their ability to utilize their ToM. The current online, correlational study asked LCSC students (N = 44) to self-report their perceived level of ToM using the Four-Item Mentalising Index (FIMI; Clutterbuck et al., 2021) and their actual ToM via the Reading the Mind in the Eyes Test (RMET; Baron-Cohen et al., 2001). The RMET was assessed by asking participants to determine the emotions displayed in a photo (N = 36) restricted to different individuals' brow and nose ridge. Supportive of the hypothesis, no significant relationship was found between the two measures, suggesting that self-perceived ToM may not be a reliable predictor of actual ToM, $r = .01$, $p > .05$. Results, limitations, and future research will be discussed.

FRIDAY MORNING SESSION

Activity Center West (ACW) 135 • 9:00 – 12:00 (cont.)
PSYCHOLOGY

Student Author: Kami Stout

Faculty Mentor: Dr. Rachelle Genthôs

Project Title: Does Concentration Differ Between Those With and Without an ADHD Diagnosis?

Abstract: Attention deficit hyperactivity disorder (ADHD) symptoms have been found to be negatively correlated with GPA (Dou et al., 2022). Time perception differences also seem to be prominent in those with ADHD (Taş et al., 2021). In the current study, an email with a link to an online survey was sent out to LCSC students. Participants completed questions about an ADHD diagnosis and ADHD symptoms. They were then asked to concentrate on reading an empirical article, a task which was timed, with directions to move on when they felt their attention wander. Results demonstrated no significance in time spent reading the article between those with ADHD ($M = 87.16$, $SD = 150.97$) and those without ADHD ($M = 81.87$, $SD = 100.26$), $t(79) = .18$, $p = .43$. The largest limitation in this study is the unknown environment of the participants, as they could have been distracted while reading the article. Implications and future research will be discussed.

Student Author: Jen Roberts

Faculty Mentor: Dr. Rachelle Genthôs

Project Title: Red Flag Recognition: Do Victims of Intimate Partner Violence Recognize the Signs of Abuse?

Abstract: The purpose of the current study was to ascertain whether participants recognized abusive behaviors, or “red flags,” in their romantic relationships. This study combined an adapted scale of warning signs (Nardi-Rodriguez et al., 2017), an abuse scale (Ford-Gilboe et al., 2016), and self-created questions in an online survey disseminated to LC State students and posted on social media. Participants ($N = 29$) were asked how healthy they considered their current (or most recent) romantic relationship to be, how often they had considered leaving the relationship, and how frequently red flag behaviors were (or had been) present. As hypothesized, the results showed a correlation between the frequency of red flag behaviors and perceived relationship health: as the frequency of red flag behaviors increased, participants tended to perceive their relationships as more unhealthy, $r = .64$, $p < .001$. Limitations and implications will be discussed.

Student Author: Hannah Raykovich

Faculty Mentor: Dr. Rachelle Genthôs

Project Title: The Perceived Impact of Cannabis on Executive Function in Students with ADHD

Abstract: This study investigated the perceived efficacy of cannabis on executive functions in LCSC students ($N = 37$) both with an attention-deficit hyperactivity disorder (ADHD) diagnosis ($n = 12$) and without an ADHD diagnosis ($n = 25$). Participants completed measures to assess ADHD symptoms (Kessler et al., 2005), executive functioning deficits (Buchanan et al., 2010) and perception of efficacy of cannabis to mitigate certain symptoms (e.g., trouble concentrating, completing goal-oriented tasks, anxiety). I hypothesized that cannabis users with ADHD would perceive cannabis as effective to mitigate executive functioning deficits compared to participants without ADHD. Results indicated no significant difference between participants with ADHD ($M = 12.58$, $SD = 8.14$) and participants without ADHD ($M = 10.89$, $SD = 9.60$) in their perception of the efficacy of cannabis for executive functioning deficits, $t(35) = 5.29$, $p = .30$, $d = .19$. Results, limitations, implications, and future research will be discussed.

Student Author: Jenika Ortiz

Faculty Mentor: Dr. Rachelle Genthôs

Project Title: The Association between Social Support, Depression, and Anxiety in Previously Incarcerated Individuals

Abstract: One of the most common issues in American prisons today is mental illness (Chassay & Kremer, 2022), as forced isolation and incarceration may encourage the emergence of anxiety or depression in prisoners (Stawinska-Witoszynska, et al., 2021). In the current study, three highly reliable scales were used to investigate how perceived social support levels were related to previously incarcerated individuals' ($N = 11$) levels of depression and anxiety. The results of the online survey showed a non-significant correlation between social support and anxiety among inmates, $r = -.24$, $p = .24$. A limitation of my study was that I obtained a very small sample to collect data from and received only one response to my depression scale. Future research with a larger sample could find different results. Implications will be discussed.

FRIDAY MORNING SESSION

FRIDAY, APRIL 25

Activity Center West (ACW) 135 • 9:00 – 12:00 (cont.)

PSYCHOLOGY

Student Author: Audrey C. Gravette

Faculty Mentor: Dr. Rachelle Genthôs

Project Title: Paws & Refresh: Do Interactions with Dogs Reduce Anxiety and Improve Mood in College Students Before Midterms?

Abstract: The extant literature suggests that brief interactions with therapy dogs can have short-term therapeutic effects on college students (Grajfoner et al., 2017; Haefelin et al., 2020), improving mood, anxiety, stress, and general well-being (Machová et al., 2020). In the current study, an event called “Paws & Refresh” allowed students to spend time with four dogs, after which they completed a survey. A control group of students who did not attend were surveyed during the same week. I hypothesized that the participants who interacted with the dogs would report lower anxiety levels and a more positive mood in comparison to those who did not interact with dogs, which was not supported. A pre- and post-test design may have provided more insight than the quasi-experimental design used. Many participants also reported owning pets, which could have influenced outcomes. Despite the findings, student feedback and existing literature suggest that further research could support the inclusion of animals in promoting campus well-being.

Student Author: Kamilla J. Pfaff

Faculty Mentor: Dr. Rachelle Genthôs

Project Title: How Do Parenting Styles Relate to the Social and Emotional Development of Children?

Abstract: The purpose of this study was to see how different parenting styles may be related to the social and emotional development of children. The participants in this study (N = 55) were recruited via an online survey link sent out to LC State students and posted on social media and were invited to answer questions from The Parenting-Style Questionnaire and the Social-Emotional Rating Scale based on their experience with their oldest child. I hypothesized that the parenting style of Authoritarian would report the strongest (positive) relationship with social and emotional behavior of a child in comparison to authoritative and permissive parenting styles, which was supported $r = .70$, $p = .018$. The limitations, implications and future research of this study will be discussed.

Student Author: Katrina Duncan

Faculty Mentor: Dr. Rachelle Genthôs

Project Title: Assessment of Prison Substance Abuse Programs at Preventing Relapse Post-Incarceration

Abstract: Roughly 65% of the prison population meets the criteria for a substance abuse disorder (NIDA, 2020). Using the Residential Substance Abuse Treatment (RSAT; U.S. Department of Justice, 2005) the criminal justice system is trying to provide inmates with a program to aid in their sobriety. Although other programs' effectiveness has been researched (Bahr, et al., 2012) there has been no recent research on the RSAT programs effectiveness. Using an online survey technique, this study aimed to evaluate the effectiveness of the RSAT program at preventing relapses after a previously incarcerated individual exits the system. Participants were presented with 12 questions that would gauge the program's effectiveness. Due to limitations within the methodology the results did not fully address the proposed hypothesis. The results, implications, and future research will be discussed.

Student Author: Elizabeth Baledge

Faculty Mentor: Dr. Rachelle Genthôs

Project Title: College Companions: A Descriptive Study of Emotional Support Animals and Their Caretakers

Abstract: An increasing number of college students have sought out owning an emotional support animal (ESA), potentially due to the extensively documented benefits of human-animal interaction, both psychological and physiological (Beetz et al., 2012). In a study directly interviewing students with ESAs, owners reported four positive themes: the presence of the animal, empowerment from the sense of responsibility, symptom alleviation, and that their animal acted as a social catalyst (Kirnan et al., 2024). In the current study, students at Lewis-Clark State College (LCSC) who own emotional support animals were recruited via flyers and an online survey to be interviewed regarding the experience of owning an ESA as a college student. Using qualitative, semi-structured interviews, I hypothesized that when students at LCSC are asked about how their ESA has impacted their general experiences, academics, and mental health, they will report predominantly positive experiences. Results, implications, limitations, and future research will be discussed.

FRIDAY MORNING SESSION

Sam Glenn Complex (SGC) 225 • 9:30 – 11:45
SOCIAL SCIENCE - SOCIAL SCIENCES PROGRAM

Student Author: Kade Koberstein

Faculty Mentor: Dr. Kylee Britzman

Project Title: The History of Inequality in the Land of Equality: Patterns of Wealth Distribution and Class Conflict in the United States from the Colonial Period to the 2008 Great Recession

Abstract: Comparing and contrasting key works in the sociological, historical, and political science literatures, this paper examines patterns of wealth inequality and class conflict throughout the history of the United States of America. Incorporating as well some primary sources, the main focus will be in highlighting similarities and differences of developments in the country's critical junctures of the colonial period, the American Revolution, the Antebellum South, the Great Depression, the social and economic changes of the 1970s and 1980s, and the 2008 Great Recession. Particular attention will be paid to how class and social movements arose, developed over time, and ended as well as who the political entrepreneurs of these movements were.

Student Author: Nathaniel Koeppel Willcoxson

Faculty Mentor: Dr. Kylee Britzman

Project Title: Waving the Weaves as We Leave: Comparing Pre- and Post-Brexit Patterns of EU Myths Coverage in British Media

Abstract: The 2016 Brexit referendum marked a pivotal moment in UK-EU relations. Prior to Brexit, British media frequently reported "euromyths" – stories about EU interference in British life, often portrayed as bureaucratic overreach. This research examines whether the coverage of these myths in regards to its intensity and type of topics has changed after the UK left the EU. It focuses on four periods: before the Brexit referendum, between the announcement and the vote, between the vote and the actual exit, and after leaving the EU. The study analyzes secondary literature and media coverage from both pro-Leave (The Sun, Daily Telegraph) and pro-Remain (Daily Mirror, The Guardian) newspapers. Initially, myths centered around food regulations, a key aspect of British identity. The research hypothesizes that during the referendum campaign period and post-referendum, the focus shifted to issues like costs, sovereignty, and perceived unfair treatment of the UK by the EU.

Student Author: Lexie Anahi Ponce

Faculty Mentor: Dr. Kylee Britzman

Project Title: The Walls Came Tumbling Down: Religious Polarization in US Public Education

Abstract: This paper examines the increasing polarization surrounding religious expression and Bible-based curricula in American public schools, particularly in states such as Texas, Louisiana, and Idaho. Relying on secondary scholarly sources from the disciplines of history, law, and political science, this study extracts the main determinants influencing debates over the Establishment Clause, religious advocacy in education, and the role of the Supreme Court in shaping morality policies. Key findings from existing research indicate that religious and political identities significantly drive polarization in education policy, with local community values often clashing with constitutional principles. Additionally, historical conflicts over religious teachings in schools continue to inform modern debates, highlighting persistent tensions between religious freedom and secular governance. By analyzing these factors, this paper provides insight into how religious polarization in public education reflects broader ideological divides in American society.

Student Author: Cecilia Therese Roemer

Faculty Mentor: Dr. Kylee Britzman

Project Title: Us versus Them: The Role of Social Media in Shaping Political Identities and Social Political Interactions in the United States

Abstract: The use of social media plays an increasingly significant role in people's perceptions of current events, political or otherwise. Social interactions on social media platforms regarding political issues tend to be perceived as prominently negative and acrimonious. This paper reviews the recent communication, historical, and political science literature on how the media's portrayal of major political parties and issues influences political discourse and interaction between individuals within the realm of social media and beyond. Methodologically, the focus will be on the collection of qualitative data from this secondary literature. The main hypothesis is that while social media has plenty of benefits for the individual, such as the ease of the exchange of information and opinions, it increases polarization between political parties and a person's perception of where they belong, as well as their sense of belonging within the ingroup and ostracization of the outgroup.

FRIDAY MORNING SESSION

FRIDAY, APRIL 25

SGC 225 • 9:30 – 11:45

SOCIAL SCIENCES (cont.)

Student Author: Sophia Annalyce Roemer

Faculty Mentor: Dr. Kylee Britzman

Project Title: Polarization and Progress: Margaret Sanger Shaping the Birth Control Movement

Abstract: From the early 1910s to the present day, the Birth Control Movement, founded by Margaret Sanger, has been essential to the fight for women's rights over their reproductive health and control over their family size. Sanger's pioneering work in the field of women's science helped patch the bridge between men and women and between poor and wealthy families regarding their bodily autonomy. Through the analysis of primary and secondary sources from the social movement literatures from history, political science, and sociology, this paper contends that the cultural significance of this movement impacts the way the public views women's bodies. The harsh reactions from the public often wavered back and forth depending on media portrayal and the actions taken by officials to stop or support the movement, leading to periodical increases and decreases in polarization of the American public.

Student Author: Jackson Smith

Faculty Mentor: Dr. Kylee Britzman

Project Title: A Comparison of the Political Landscape of the 1960s and 2000s

Abstract: One of the most common phrases thrown around when discussing the state of our nation is; "we are the most divided we have been since the Civil War." While this may seem like a true statement based off of the events that have occurred in the last ten years, it is arguably far from the truth. During the 1960s, American went through some of the most polarizing events the country has seen since the Civil War. Some of these include the Vietnam War, the Civil Rights Movement, and the assassinations of several important figures. This research project is going to examine the major events that contributed to polarization in both the 1960s and the 2000s, 2010s, and 2020s. These time periods will be compared based on how tumultuous the time period was, and how polarized the people really became due to these events. After showing that the 1960s was much more of a divided time, there will be a dive into how the current news system and social media algorithm has pushed the public into thinking that we are the most divided we have ever been.

Activity Center West (ACW) 134 • 10:00 – 12:00

SOCIAL SCIENCE - JUSTICE STUDIES

Student Author: Dorian J. Antone

Faculty Mentor: Dr. Gene Straughan

Project Title: The Effectiveness of Community Policing within the State of Idaho: Evaluating Outcomes and Solutions

Student Author: Destry B. Brack

Faculty Mentor: Dr. Gene Straughan

Project Title: Canines for Law Enforcement: Impact of Dogs on the Criminal Justice System and Communities

Student Author: Dylan E. Franks

Faculty Mentor: Dr. Gene Straughan

Project Title: Strategies to Reduce Human Trafficking: Collaboration, Misconceptions, and Perceptions

Student Author: Jantzen T. Lucas

Faculty Mentor: Dr. Gene Straughan

Project Title: Border Searches and the Fourth Amendment: Fixed Checkpoints, Roving Patrols, and Digital Information

Student Author: William Ian Moniz-Shawk

Faculty Mentor: Dr. Gene Straughan

Project Title: Mental Health and Suicide Among Veterans and Active-Duty Soldiers: Understanding Causes and Prevention

Student Author: Ashlin M. Pickett

Faculty Mentor: Dr. Gene Straughan

Project Title: Childhood Exposure to Violence and Recidivism Rates in Juvenile Offenders: Causes, Consequences, and Public Policy Solutions

Student Author: Amber E. Strain

Faculty Mentor: Dr. Gene Straughan

Project Title: Wrongful Conviction and False Confessions: Causes, Consequences, and Solutions

FRIDAY MORNING SESSION

(ACW) 134 • 10:00 – 12:00
JUSTICE STUDIES (cont.)

Student Author: Harley Quinn Straw

Faculty Mentor: Dr. Gene Straughan

Project Title: Forensic Science in Cold Cases: Using Modern technology and DNA Techniques to Solve Old Criminal Cases

Student Author: Alan V. Weaskus

Faculty Mentor: Dr. Gene Straughan

Project Title: The Correlation Between Substance Use and Recidivism: Understanding Causes and Solutions

SOCIAL SCIENCE

Graduation Reception • Friday, April 25 • 12:00-1:00
Sam Glenn Lawn

MUSICAL PERFORMANCES

Monday, April 28, 2025, Silverthorne Theatre, 7:30pm-9:00pm

Humanities Division, Rock Band Concert

Director: Mr. Gabe Mowry

Tuesday, April 29, 2025, Silverthorne Theatre, 7:30pm-9:00pm

Humanities Division, Spring Concert

Director: Dr. Sarah Graham



WEDNESDAY MORNING SESSION

Williams Conference Center (WCC): Clearwater/Snake • 8:00 – 11:30
NURSING & HEALTH SCIENCES

Student Authors: Shnighdine Aristil, Rachel McDonald, LouEllen Reed, Kaylee Smith & Alexis Vaughns

Faculty Mentor: Ms. Tracy Adkins

Project Title: Labor & Pelvic Floor Integrity

Abstract: Pelvic floor disorders significantly impact individuals and families at a cost of over \$262 million annually. Vaginal deliveries increase the risk of perineal tearing, a major contributor to pelvic floor dysfunction. These complications can lead to adverse outcomes for mothers during labor and postpartum. This project aimed to identify evidence-based interventions to reduce perineal tearing and pelvic floor damage during childbirth, ultimately improving maternal health outcomes. To this end, we developed a patient resource to be made available at local clinics and birthing centers.

Student Authors: Emma Christiansen, Amariah Schug, Hope Schwartz, Jasmine Vanhaute & Amanda Worel

Faculty Mentor: Ms. Tracy Adkins

Project Title: Sleep Matters: Learn to Rest with REFRESH

Abstract: Sleep quality is essential for overall health, cognitive function, and emotional well-being. College students often sacrifice sleep due to academic demands, social pressures, work, and stress. This project examined the cause and effect of sleep disturbances and introduced 'REFRESH,' an eight-week, evidence-based sleep hygiene program designed to improve sleep quality and consistency. The program, offered within the Canvas platform, helps students develop healthier sleep habits to enhance academic performance, daily functioning, and long-term well-being.

Student Authors: Joshua Conley, Eva Howard, Thomas Miller & Thomas Storm

Faculty Mentor: Ms. Tracy Adkins

Project Title: Negative Pressure Wound Therapy - Best Practice for Surgical Wound Dehiscence

Abstract: Surgical wound dehiscence is a postoperative complication that can adversely impact morbidity, mortality, and healthcare costs. Early intervention, standardized care, and evidence-based wound management strategies reduce patient, staff and healthcare system burden. This project provides evidence-based education for staff regarding best-practice negative pressure wound therapy devices, placement and troubleshooting to increase use, efficacy and improve patient outcomes.

Student Authors: Anya Andrews, Trey Buster, Nneka Garrison & Carly Keller

Faculty Mentor: Ms. Tracy Adkins

Project Title: Anxiety Management in College Students

Abstract: College students often experience high levels of anxiety, which affects academic performance, relationships, sleep quality, and overall well-being. Evidence demonstrates that self-care, awareness, and resource utilization can mitigate the deleterious effects of anxiety. To support students, we developed a comprehensive teaching module for LC State's e-learning platform for use in any course, availing students to campus and external resources.

Student Authors: Nichole Rice, Tiffany Snyder & Hannah Thompson

Faculty Mentor: Ms. Tracy Adkins

Project Title: Non-pharmacological Pain Relief in Laboring Women

Abstract: Many obstetrical and birthing healthcare settings rely on pharmacological pain management during labor, often overlooking evidence-based non-pharmacological alternatives. Our goal is to educate and empower nurses in implementing these interventions—including psychological relaxation, muscle relaxation, and hydrotherapy—to enhance pain relief and maternal satisfaction. To support this, we developed an educational policy and procedure that promotes a holistic approach to labor pain management and improves the patient experience.

Student Authors: Charlee Beckner, Alexandria Frazier, Isaiah Gravette, Jacinta Heideman & Kaitlyn Itzka

Faculty Mentor: Ms. Tracy Adkins

Project Title: Light Therapy Effects on Patient Safety During Night Shift

Abstract: For night shift healthcare workers, poor sleep quality, shift length, and scheduling frequency affect performance and patient safety. Addressing these issues requires a multifaceted approach, with evidence favoring light therapy, staffing model adjustments, and cognitive behavioral therapy. To support these efforts, we identified educational tools for staff and recommended facility upgrades for a local hospital in order to enhance patient safety and optimize staff performance.

WEDNESDAY, APRIL 30

WEDNESDAY MORNING SESSION

Williams Conference Center (WCC): Lochsa/Selway • 8:00 – 11:30
NURSING & HEALTH SCIENCES

Student Authors: Madison Graham, Katie Henneman, Maria Klocko & Emily Nuttall

Faculty Mentor: Dr. Deena Rauch

Project Authors: Intensive Care Unit-Acquired Weakness

Abstract: Critically ill patients can experience muscle loss and weakness due to immobilization, inflammation, and sedation which can increase morbidity, mortality, and prolonged recovery. Evidence supports the use of the ABCDEF bundle to mitigate these effects. Based on clinical feedback, we recommend a multidisciplinary, bundled approach to implementation. This interdisciplinary strategy facilitates early mobilization, reduces complications, and improves patient outcomes by ensuring coordinated care among healthcare providers.

Student Authors: Lauryn Fuller, Quinn Belderrain, Brian Hawthorne, Lauren Johnson & Emily McMullen

Faculty Mentor: Dr. Deena Rauch

Project Title: Trauma Informed Care Awareness for Lewiston High School Teachers

Abstract: Childhood trauma has lasting effects on an individual's health. Schools play a crucial role in implementing interventions to mitigate its negative impact on children. Evidence-based recommendations support educating school staff and integrating the HEARTS program to create trauma-informed environments. This project aims to implement an educational intervention to equip teachers with knowledge about available care resources for students.

Student Authors: Sophia Pierobello, Sage Saccomanno, Angelica Urbina & Julia Williams

Faculty Mentor: Dr. Deena Rauch

Project Title: Increasing Weight Gain and Decreasing Length of Stay in Preterm Infants

Abstract: Preterm infants often face complications such as feeding difficulties, congenital abnormalities, and respiratory issues, which can result in inadequate weight gain and prolonged hospital stays. This project aimed to identify best practices to promote weight gain and reduce length of stay. Based on the evidence, we recommend educating mothers on performing daily oral motor stimulation to support feeding development and improve outcomes.

Student Authors: Elliana Hines, Allison Larvik, McKenna Moak, Addyson Purnell & Melissa Staab

Faculty Mentor: Dr. Deena Rauch

Project Title: Intensive Care Unit-Acquired Delirium

Abstract: Intensive care unit delirium is associated with cognitive decline, prolonged hospital stays, and increased healthcare costs. Delirium rates in the ICU range from 70-80%, compared to just 1-2% in other patient care areas. Evidence supports a multimodal approach, such as the ABCDEF bundle, in reducing the incidence and severity of delirium. Based on clinical feedback, we have developed an educational intervention and identified screening resources to support staff in early recognition and management.

Student Authors: Max Boren, Tessa Karlberg & Justyce Mason-Gray

Faculty Mentor: Dr. Deena Rauch

Project Title: Mental Health in Collegiate Athletes

Abstract: Evidence shows that collegiate student-athletes are at increased risk for mental health disorders such as anxiety and depression due to factors like limited social support, irregular sleep, alcohol use, and injury. This project aimed to identify evidence-based interventions and resources for mental health management. Recommended strategies include educating athletes on available mindfulness programs and implementing screening tools to assess their effectiveness.

Silverthorne Theatre
11:00 – 12:00
HUMANITIES

Shakespeare & Film Class

Students from English/Theater 325 (Shakespeare & Film) and English 451 (Renaissance Literature) produced a short film based on William Shakespeare's Macbeth. We will screen the film, speak briefly about the production process, and answer questions.

Wednesday, April 30 Featured Symposium

11:30-12:30, Clearwater/Snake Room

LC STATE FACULTY WELLNESS PRESENTATIONS

WEDNESDAY AFTERNOON SESSION

Williams Conference Center (WCC): Lochsa • 3:00 – 5:00
BUSINESS & COMPUTER SCIENCE

Student Authors: Oscar Behle, Alvaro Camino, Paige Noble-Lucas & Garrett Thibodeau

Faculty Mentor: Dr. Brent Booth

Project Title: Team Quattro's Strategic Opportunity for Walt Disney

Abstract: With artificial intelligence and augmented reality becoming increasingly popular, we have found that the company can implement AI, AR, and ER to extend the regular season for customers. Although the implementation of advanced technology and augmented reality can be expensive, utilizing pricing strategies to attract customers to Walt Disney to maintain gained revenue while adapting to these advancements can minimize any financial issues and in the long-term be beneficial in gaining more attraction from customers. Overall, this opportunity will initially be costly, however, it will lead to financial profit in the long run due to high customer engagement.

Student Authors: Jayton Rowden, Payton Larsen & Sydnie Zywinia

Faculty Mentor: Dr. Brent Booth

Project Title: Enchanted Innovation: Implementing AI to Transform the Disney Theme Park Experience

Abstract: As Disney continues to captivate audiences with their immersive experiences, the next entertainment frontier seems to be the integration of Artificial Intelligence (AI). This presentation explores the transformative potential of AI in Disney's parks to focus on enhanced guest experiences as well as streamlined operations. From personalized attractions to intelligent crowd management, AI is transforming how visitors will engage with the magic. We will highlight real world applications as well as future possibilities to demonstrate how Disney can use AI to shape the next generation of Disney's immersive storytelling.

Student Authors: Cy Wareham, Ethan Hawkins, Jasmin Perez, Manny Sanchez-Pena

Faculty Mentor: Dr. Brent Booth

Project Title: Animation to Innovation - Disney's Next Strategic Adventure

Abstract: This presentation explores strategic opportunities available to Disney as it navigates an evolving global entertainment landscape. By analyzing market trends, technological advancements, and brand expansion potential, we identify areas of growth and opportunity. Using innovative approaches that align with Disney's core values and long-term vision we made a strategic opportunity for Disney with implementation steps.

Student Authors: Osue Bernabe, Lauren Cooper & Dottie Korte

Faculty Mentor: Dr. Brent Booth

Project Title: Enhancing Disney's Future: Leveraging Immersive Technology for Growth and Innovation

Abstract: This proposal recommends Disney invest in VR and AR technologies to enhance theme park attractions, creating innovative, immersive experiences. This aligns with Disney's strengths in storytelling and innovation, driving new revenue, customer engagement, and brand loyalty. Expanding these experiences globally will strengthen Disney's competitive edge, boost profitability, and attract a broader international audience.

ART & MUSIC

Wednesday, April 30, 2025, LC State Library, 4:30pm-6:00pm

Humanities Division, Student Art Exhibit

Wednesday, April 30, 2025, Silverthorne Theatre, 7:30pm-9:00pm

Humanities Division, Jazz Band Concert

Director: Mr. Brendan Burns

WEDNESDAY, APRIL 30

THURSDAY MORNING PROJECT SHOWCASE/POSTER SESSION

9:00 - 10:00 • WCC: CLEARWATER/SNAKE

THURSDAY, MAY 1

PHYSICAL, LIFE, MOVEMENT, AND SPORT SCIENCES

Student Authors: Jayden Youngren, Abigail Brown, Brayden Graves, Ava Hasenoehrl & Connor Alexander
Faculty Mentor: Dr. Eric Stoffregen

Project Title: Meiotic Nondisjunction in Blm Mutant Drosophila and Selective Pressures in Male Progeny

Abstract: In Drosophila, Blm females show increased sex-chromosome nondisjunction and infertility. Their embryos suffer severe DNA damage, causing high lethality and female-biased survival. The substantial repetitive DNA content in XY embryos reduces their survival compared to XO embryos, which are more abundant than normal due to maternal nondisjunction. Additionally, the XO adult male survivors have a longer lifespan than adult XY survivors. Lastly, we show that Blm fathers also exhibit increased sex-chromosome nondisjunction.

Student Authors: Miccael Sonner-Cranney & Melisa Paz-Salas

Faculty Mentor: Dr. Lloyd Mataka

Project Title: Flavonoids Present in Black, Green, White, and Oolong tea

Abstract: Flavonoids are antioxidant compounds found in many plant products that serve a purpose in holistic remedies. Black, green, white, and oolong tea have been used holistically. Thus far, we have concentrated the tea extracts and investigated them to find which teas have the highest quantity of flavonoids. We have used UV vis and ABTS assay to determine flavonoids quantity and antioxidant activity, respectively. The results indicate a rich flavonoid content in each of the teas.

Student Authors: Harley Straw, Lauran Morphis & Nathan Cochran

Faculty Mentor: Dr. Lloyd Mataka

Project Title: Effect of Alcohol Type on the Antioxidant Activity of the Flavonoids of Jujube Fruit

Abstract: This study investigates the impact of different alcohol solvents on the antioxidant activity of flavonoids extracted from Jujube fruit. Fresh and dried Jujube samples were processed using a mortar and pestle or blender, followed by extraction with 50% ethanol, 50% methanol, and water. The extracts were analyzed using ABTS and Trolox assays to determine antioxidant activity. Absorbance readings were taken using a UV-Vis spectrophotometer. Results will highlight the most effective solvent for flavonoid extraction.

Student Authors: Andrew Bugbee, Connor Alexander, Cooper Howell & Benjamin Vernon

Faculty Mentor: Dr. Lloyd Mataka

Project Title: Flavonoid Content and Antioxidant Activity of Citrus Fruits

Abstract: Flavonoids play an important role in our bodies in different ways. They come in many different forms and sources. In our experiment, we extracted and investigated the quantities of flavonoids in citrus fruits: lemons, limes, oranges, and mandarin oranges, also known as baby oranges. We also tested the antioxidant activities of each citrus fruit. Our results indicate that different fruits have different quantities of flavonoids and display different antioxidant activities.

Student Author: Erica Stryker

Faculty Mentor: Dr. Leigh Latta

Project Title: Gene Family Expansion and Contraction in Syngnathidae

Abstract: Seahorses, pipefish, and seadragons are all members of the family Syngnathidae. Syngnathids are characterized by male pregnancy wherein the female deposits eggs into a brood pouch located in or on the male. This feature is a relatively unique biological phenomenon that raises questions as to how and why the male brood pouch evolved in Syngnathidae. This project seeks to use bioinformatic methods to investigate the expansion and contraction of brood pouch genes in Syngnathidae in order to shed light on the evolutionary process that led to male pregnancy.

Student Authors: Connor Alexander, Jayden Youngren, Abigail Brown, Brayden Graves & Ava Hasenoehrl

Faculty Mentor: Dr. Eric Stoffregen

Project Title: Drosophila Y Chromosome Variation Impacts Survival in Blm-deficient Embryos

Abstract: Blm DNA helicase maintains genome stability during early development. Without it, most embryos die, with females overrepresented among survivors. This sex-bias correlates with higher repetitive DNA content in males from the Y chromosome. Testing Y chromosomes from global Drosophila populations revealed varying female progeny ratios. Y chromosomes causing higher female bias showed increased Y-associated lethality. Surprisingly, Y chromosome size, as estimated by PEV assays, did not correlate with male lethality.

THURSDAY MORNING PROJECT SHOWCASE/POSTER SESSION

PLMSS (cont.)

Faculty Presenter: Dr. Heather Van Mullem

Project Title: Emotion Regulation in Men's Sports: Analysis of "One Shining Moment"

Abstract: Expectations for emotion management in sport differ by gender. Boys and men are expected to be tough and to regulate their emotions. Showing emotion (i.e., crying) is considered weak (Peterson, 2017). Since 1987, at the end of every NCAA Division-I Men's Basketball Championship game, a video montage called "One Shining Moment" is broadcast, highlighting the highs and lows of tournament play, focusing on the joy in victory and the agony of defeat on the faces of athletes as they battle for glory on the hardwood (Peterson, 2017). Examination of athlete emotions displayed in "One Shining Moment" montages from 1987-2024 reveal a range in emotions expressed by male athletes (e.g., positive=53.40%, negative=13.48%, neutral=33.12%). In addition to sharing the findings of this study, this poster will explore why displays of negative emotions are accepted in sport and examine why this acceptance may be limited to sport.

Business & Computer Science Division

Student Authors: Melody Hernandez, Riley Ziegler, Cole Devorak & Kolby Solomon

Faculty Mentor: Dr. Stan Gotshall

Project Title: BudgetCraft Personal Finance Budgeting App

Abstract: BudgetCraft allows users to craft a personal budget to track their income and expenses and help them meet their financial goals. Customizable options allow users to receive reminders of upcoming bills, and encouragement to set aside money for savings goals. Developed with security in mind, the user maintains control over their account with the ability to export their personal data, or delete their account and personal data at any time.

Student Authors: Jacklyn McAtee, Clay Shumaker, Brandon Cabrera & Austin Burrell

Faculty Mentor: Dr. Stan Gotshall

Project Title: Cook and Compile

Abstract: Cook and Compile is a meal planning and tracking app designed to simplify meal management for users. It allows individuals to add, edit, and delete recipes and create personalized daily or weekly meal plans that align with their dietary needs and preferences. This is achieved all while ensuring secure access through user authentication and compliance with privacy regulations. Developed as part of a semester-long capstone project, Cook and Compile was created using Agile practices for effective management, collaboration, and development. The app aims to provide students and busy individuals with a stress-free way to plan, save, and track their meals, allowing them to focus on other responsibilities.

Student Authors: Alaina Porquis, Lyric Chrislock, Cameron Gilmore, Malia Peato & Eligh Schroeder

Faculty Mentor: Dr. Stan Gotshall

Project Title: Basil & Byte

Abstract: Basil & Byte is a comprehensive recipe and meal planner app designed to help users find, share, and plan meals while efficiently managing their grocery lists.



THURSDAY, MAY 1

Welcome and Opening Remarks: Provost Fredrick Chilson

Thursday, May 1st Keynote Address

10:00 – 11:00, Clearwater/Snake Room

Dr. Sarah Ullrich-French

Embodiment: A Path to Wellness

THURSDAY AFTERNOON SESSION

Student Authors: Eric Strandquist & William Wilson

Faculty Mentor: Dr. Heather Van Mullem

Project Title: The Repercussion of Cyberbullying on Simone Biles Instagram Account

Abstract: Social media platforms have become spaces where fans and athletes interact with each other, both positively and negatively. Due to regulation insufficiencies, the comment section allows free-will posting. These comments can include cyberbullying. The purpose of this study was to investigate the prevalence of cyberbullying via comments posted on Instagram on a single post from Simone Biles, the gold medal winning US Olympian. Results will be presented at the symposium.

Student Authors: Elise Hogaboam, Alexis Ceron & Elizabeth Sander

Faculty Mentor: Dr. Jessica Savage

Project Title: The Impact of Strobe Goggles on Landing Mechanics and Jump Performance

Abstract: The development of innovative, safe, and effective training methods which support athletes' skill growth is a primary concern for researchers and coaches alike. The purpose of this study was to further research concerning the practicality and relevance of visual technology in proprioceptive training. This research examined the effect of integrating stroboscopic vision into the execution of a double-leg max vertical jump (DMVJ) and evaluated the comparative performance of female LC State collegiate basketball players (age 18-22) with and without the use of the technology using paired t-tests. The data results of the study in conjunction with their analyses and significance will be presented at the Research Symposium.

Student Authors: Jordan Justice & Jace Taylor

Faculty Mentor: Dr. Kirby Boehm

Project Title: Stay for a Pint: Promoting Leisure Time Physical Activity by Craft Breweries Through Disc Golf

Abstract: Across the United States there have been many craft breweries installing full and partial disc golf courses on-site for their customers. The purpose of this study was to gain an understanding of the growing relationship between craft breweries and the sport of disc golf, and whether there is an effect on motivating people to participate in leisure time physical activity. Participants included those who have experienced playing disc golf, spent time at craft breweries, or both. Virtual interviews were conducted and recorded. Thematic analysis was used to better understand the nature of leisure time physical activity within the brewery setting. Results will be presented at the symposium.

Student Authors: Cesar Aburto & Tyson Chapman

Faculty Mentor: Dr. Kirby Boehm

Project Title: Examining Retro Marketing in the NFL AFC West Division

Abstract: Fifty percent of NFL teams incorporate retro uniforms into their games throughout the season (Kerr, 2023). Retro marketing is a strategic sport marketing practice that connects consumers with a former historical era, connecting to a team's past celebrating success, remembrance, and milestones. The purpose of this study was to examine the impact retro/nostalgia marketing has on the fanbases of the NFL AFC West division. Fans of at least one year of these sports teams were interviewed with questions crafted from Scola and Gordan's five dimension framework: imagery, merchandising, venue, game day promotions, and advertising (Scola & Gordon, 2018). Results will be presented at the symposium.

THURSDAY AFTERNOON SESSION

WCC: Lochsa • 11:30-3:00
PLMSS (cont.)

Student Authors: Mikayla Smith, Mataya Green & Vanesa Serna

Faculty Mentor: Dr. Jessica Savage

Project Title: Effects of a Functional Exercise Intervention on Adolescents

Abstract: Many schools do not have the funding and resources to provide physical education from adequately trained certified educators. Often, adolescents do not receive instruction on how to properly complete functional movements integral to life-long engagement in physical activity. The purpose of this study was to determine the effects of a three-week exercise intervention on functional exercise form in adolescents (8th-11th grade). Nine participants from a local private school were scored on 3 different functional movement exercises (deep squat, hurdle step, in-line lunge), and a countermovement jump with arms pre- and post-training intervention. Paired t-tests were used to determine if there were significant differences across conditions. Results will be presented at the symposium.

Student Authors: Taryn Fuller & Natany Felix Guimaraes

Faculty Mentor: Dr. Heather Van Mullem

Project Title: The Presence of Cyberbullying on Athlete Instagram Accounts

Abstract: The primary aim of this research was to analyze the prevalence and trends of cyberbullying in comments on an athlete's Instagram account, with a focus on naming diverse kinds of online harassment such as sexism, misogyny, sexualization, attacks on mental health, racism, and more. Coding was used to stratify 530 comments from Simone Biles' account of her winning gold into relevant categories (e.g., sexism, misogyny, sexualization, racism, etc.). Data collection is ongoing, and results will be presented at the symposium. Additionally, reasons for a rise in cyberbullying and the potential impact this action has on athletes and their fans will be explored.



THURSDAY, MAY 1

THURSDAY AFTERNOON SESSION

Student Author: Paisley Schulte

Faculty Mentor: Ms. Marcy Halpin

Project Title: Effective Workplace Communication: Body Language and Looking Beyond Words

Abstract: This project explores how nonverbal cues can contribute to leadership tactics, productivity, and trust in management. Research shows that leaders who use body language effectively improve the clarity of their message, create supportive and trusting workplace environments, and promote cohesive team dynamics. Body language can also be a tool for conflict resolution and reinforce verbal messages, making it a key aspect of effective workplace communication. Using content analysis, this study examines the role of body language in effective communication and successful team dynamics in the workplace.

Student Author: Heidi Vimbai Moyo

Faculty Mentor: Ms. Marcy Halpin

Project Title: "Unequal Play": Media Representations of Female Athletes

Abstract: This project explores the persistent gender bias in sports media, focusing on how female athletes are underrepresented and portrayed differently than their male counterparts. Through an analysis of language, camera work, and sponsorship trends, the research highlights how women are often sexualized, described with less empowering language, and receive significantly less coverage. These disparities affect public perception, career opportunities, and pay equity. The study concludes with actionable solutions, including balanced reporting, equal marketing strategies, and intentional media reform to promote gender equity in sports.

Student Author: Matthew J. Kerins

Faculty Mentor: Ms. Marcy Halpin

Project Title: Double Standards: Gendered Media Portrayals of Sexual Assault and Rape

Abstract: This project examines portrayals of sexual assault and rape in various media, using content analysis, with attention to the framing of male and female victims. Specifically, this study highlights the way female victim experiences are treated more seriously than those of male victims. The project focuses on three categories: Media that address the subject in a serious manner, media that include the subject but do not address it, and media that treat the subject matter as "comedic." The paper explores each category with examples, highlighting, respectively, A24's *The Brutalist*, Apple TV+'s *Severance*, and Amazon Prime's *The Boys*.

Student Author: Brycen K. Kempton

Faculty Mentor: Ms. Marcy Halpin

Project Title: Time Constraints: The Evolving Landscape of Video Advertising

Abstract: The past few years have seen a meteoric rise in the popularity of short-form social media content with apps like TikTok as well as integration into older social media platforms such as Instagram Reels, YouTube Shorts, and others. With a shift in how audiences consume video content, advertisers have had to adapt. This paper examines how the social media advertising landscape has evolved and what advertisers are doing to adjust to those changes. This paper offers a comparative analysis of persuasive strategies employed in short-form advertising in contrast to more traditional forms of video advertising.

Student Author: Taylor A. Cleary

Faculty Mentor: Ms. Marcy Halpin

Project Title: Rocking the Story: Analyzing Subgenres of Rock Music through Narrative Paradigm

Abstract: According to Walter Fisher's Narrative Paradigm, storytelling as a practice shares and shapes morals and values. This project examines songs and music as a demonstration of these stories. Rock music in particular stands as a genre built heavily on storytelling. This study uses Fisher's Narrative Paradigm to explore the differences in lyrics between rock sub-genres, analyzing the effectiveness of each. Looking at the sub-genres of Indie-Rock, Grunge-Rock, Metal-Rock, and Emo-Rock, the paper assesses songs from each based on their fidelity (correspondence to reality) and coherence (logical structure). In addition, the paper conducts a content analysis of YouTube comments under each song to assess whether or not fidelity and coherence impact emotional connections to the music.

WCC: Clearwater/Snake Room • 12:00 – 2:30

HUMANITIES

THURSDAY, MAY 1

THURSDAY AFTERNOON SESSION

WCC: Clearwater/Snake Room 12:00 – 2:30 • HUMANITIES (cont.)	<p>Student Author: Lina Boylan Faculty Mentor: Ms. Marcy Halpin Project Title: Motivating and Coaching Beyond Words: Effective Communication and the Tennis Coach Abstract: This research explores the critical role of communication in tennis coaching, focusing on how various approaches influence player development, motivation, and performance. Looking at verbal and nonverbal communication techniques, feedback, and conflict resolution, this study hopes to identify the most effective coaching strategies. Specifically, the project explores the impact of different communication styles on meeting the diverse needs of players, fostering a supportive training environment, and motivating player engagement and learning.</p> <p>Student Author: Adam Boylan Faculty Mentor: Ms. Marcy Halpin Project Title: Suspending Morality: The Justification of Competitive Behavior as Seen in Survivor Abstract: Survivor is a unique social experiment where players must navigate the tension between morality and deception to win. This research examines whether players who suspend their moral values perform better than those who emphasize integrity. I compare players' confessional statements, where they can be candid, to their in-game interactions, where they manage social perception. I also analyze Final Tribal Council to assess how moral framing impacts winning. This study contributes to research on morality in competition by exploring how strategic deception and self-presentation influence success in high-stakes social environments.</p>
WCC: Salmon/Grande Ronde 12:30-1:30 • PLMSS	<p>Student Author: KC Wahl Faculty Mentor: Nancy Johnston Project Title: Thermal Inversions in the Lewis-Clark Valley Abstract: Thermal inversions can have an impact on air quality, crop burns, temperature, and more. From 2019-2025, visual inversion data was categorized based on relative density. This data, alongside other meteorological factors such as solar radiation, relative humidity, pressure, and wildfires were analyzed to determine trends in the LC Valley.</p> <p>Student Authors: Ava Hasenoehrl, Brayden Graves, Abigail Brown, Jayden Youngren & Connor Alexander Faculty Mentor: Dr. Eric Stoffregen Project Title: Blm-deficient survivors exhibit neurodegenerative phenotypes in Drosophila melanogaster Abstract: Blm-deficiency-induced DNA damage during early embryonic development in Drosophila melanogaster causes high lethality, but its effects on survivors are unclear. We hypothesized that this damage reduces lifespan, impairs motor function, and disrupts sleep and circadian rhythms. Comparing progeny developing with or without functional Blm protein, we found that those lacking Blm exhibited significantly shorter lifespans, impaired climbing ability, disrupted sleep condensation, and altered circadian patterns, highlighting the lasting impact of early developmental DNA damage.</p>
WCC: Salmon/Grande Ronde • 2:00-2:45 SOCIAL SCIENCE	<p>Student Author: Kalisa Boyd Faculty Mentor: Dr. Amy Canfield Project Title: The Swastika: Is the West Responsible for its Continued Misinterpretation? Abstract: The swastika is one of the most powerful, recognizable, and infamous symbols in human history. For thousands of years, it represented good luck and was a sign of peace for many cultures around the world. Within one century, the symbol's meaning changed as it became corrupted into a manifestation of hate. Although late 19th-century historians are responsible for its Aryan association and later appropriation and distortion by Nazi Germany, the West--and its scholars--have greatly contributed to the continued misinterpretation of the swastika.</p>
<p align="center">HUMANITIES Graduate Reception • Spalding Hall Foyer • 3:00-5:00</p>	
<p align="center">PHYSICAL, LIFE, MOVEMENT, AND SPORT SCIENCES Graduate Reception • WCC • 3:00-5:00</p>	

Welcome & Introduction:

Rocky Owens Sr. Director Coeur d'Alene Center and Provost Fredrick Chilson

Lobby Room • 2:00-2:10

FRIDAY AFTERNOON SESSION



[Join Virtually](#)

Student Author: Allexis Harris

Faculty Mentor: Ms. Marte White

Project Title: Is There A Relationship Between Teen Pregnancy And The Quality Of Life For Teen Mothers Aged 18 To 21 Years Old?

Abstract: This correlational study aims to explore the relationship between quality of life and teen pregnancy for teen mothers between in the ages of 18 and 21 years old. Participants who are currently enrolled in an educational program in Southern Idaho completed the Quality of Life Scale (QOL) and a self-created survey. The self-created survey asked participant about general demographics and the age of first pregnancy.

Student Authors: Brittini Baker, Erin House & Megan Warren

Faculty Mentor: Ms. Marte White

Project Title: The Long-Term Impact of Adolescent Pregnancy: Examining the Correlation Between Teenage Childbearing and Quality of Life in Adulthood

Abstract: This study examines the correlation between teenage pregnancy and the quality of life of former adolescent mothers. It seeks to understand how teenage pregnancies affect their socioeconomic status and explores the link between teen pregnancies and their overall quality of life. We used the Quality of Life Scale (QOLS) and a self-created survey to gather data on the participants' quality of life and socioeconomic status.

Student Authors: Megan Cykon and Brian Leppert

Faculty Mentor: Ms. Marte White

Project Title: What Support Do Direct Support Professionals (DSP) and Caregivers of Individuals with Intellectual and Developmental Disabilities (IDD) Need?

Abstract: This correlational study explores the relationship between caregiver support and quality of life (QoL) for Direct Support Staff (DSP) and caregiver support, which serve the Intellectual and Developmental Disabilities (IDD) population. Surveys were administered to local Developmental Disability Medicaid Waivered service providers and posted in Facebook groups that catered to caregivers and DSPs.

Student Authors: Brittany Selle & Teresa Simmons

Faculty Mentor: Ms. Marte White

Project Title: Pathways to Prosperity: The Impact of a Financial Literacy and Holistic Wellness Interventions on Scarcity Mindset Among Low-Income Single Parents

Abstract: This study evaluates the effectiveness of Pathways to Prosperity an intervention that combines financial literacy and holistic wellness to reduce scarcity mindset and improve financial literacy among low-income single parents who are attending college in North Idaho. A pretest posttest using the Tri-Scarcity Scale and The Eight Domains of Wellness Scale were used to gather data for this study. Additionally, this presentation will discuss how the findings from this research is being used to effect change in the community through a class project in the Generalist Practice with Groups and Communities class.

Student Authors: Mia Birmingham & Tanis Koenig-Bergland

Faculty Mentor: Ms. Marte White

Project Title: Influence of Stigma Exposure: The Correlation Between Diverse Stigma and Anxiety within the LGBTQIA+ Community

Abstract: This correlative study examines the relationship between diverse stigma and anxiety within the LGBTQIA+ community and the impact community has on this relationship. Surveys were administered to, and data was collected from, members of the LGBTQIA+ organizations within the Northwestern United States.

DARM ROOM #107 • 2:00 - 4:00
SOCIAL SCIENCES - SOCIAL WORK

FRIDAY AFTERNOON SESSION

DARM ROOM #107 • 2:00 - 4:00
SOCIAL SCIENCES - SOCIAL WORK

Student Authors: Alyssa Martin, Aaron Neumayer & Matthew Snow

Faculty Mentor: Ms. Marte White

Project Title: The Impact of Childhood Trauma on Functions of Identity in the LGBTQ+ and Heterosexual Communities

Abstract: This correlational study explored the relationship between childhood trauma and identity development in LGBTQ and heterosexual individuals. Childhood trauma was measured using the Adverse Childhood Experiences (ACE) scale and identity development was measured using the Identity Development Scale (IDS). Specifically, the researchers sought to determine whether trauma influences various aspects of identity development, including commitment making, identification with commitment, exploration in breadth, exploration in depth, ruminative exploration, and reconsideration of commitment. Surveys were distributed to social media and community billboards for this analysis.

Student Authors: Krista McNamee & Nicole Skeie

Faculty Mentor: Ms. Marte White

Project Title: Social Determinants of Health: Discovering Community Disadvantages in North Idaho

Abstract: This descriptive study identifies the prominent social determinants of health in North Idaho. Our sample contains forty-seven adults between the ages of 25 and 75. The demographic locations of sample participants are Kootenai County, Shoshone, and Bonner County. A survey asking about participant living situations, adequate housing, and ability to pay for basic needs, food, and utilities provides data for our study. Participant gender, marital status, education completion level, access to healthcare, household size, and annual income were also recorded.

Student Authors: Rebecca White, Stephanie Thomson & Kortni VanDinter

Faculty Mentor: Ms. Marte White

Project Title: Effects of Childhood Trauma on Adult Mental Health in Idaho

Abstract: This correlation study examines the relationship between adult mental health and childhood trauma. Surveys were administered to Facebook group(s) with the Patient Health Questionnaire (PHQ-9), the Generalized Anxiety Disorder 7-item scale (GAD-7), and the Adverse Childhood Experience (ACEs) assessments.

Student Authors: Angela Shaw & Tricia Busson

Faculty Mentor: Ms. Marte White

Project Title: The Effects Of Music Listening For Generalized Anxiety Disorder In Middle Aged Adults: A Comparative Study

Abstract: This study uses a exploratory research uses a pretest posttest design to explore the impact of music listening on anxiety levels in social work student between the ages of 40-55. The Generalized Anxiety Scale 7(GAD 7) was administered through a survey and participants were asked to listen to music for 20 minutes per day for 14 days. The GAD 7 was re-administered after 14 days to compare anxiety levels.

DARM ROOM #110 • 2:00 - 4:00
BUCS - BUSINESS



[Join Virtually](#)

Student Authors: Jon Porras, Haliee Mize, Robyn Parks & Dorisa Taylor

Faculty Mentor: Dr. Rachel Kaitz

Project Title: Gaming On Demand. A Look At How Netflix Can Join The Growing Industry Of Gaming.

Abstract: These exploratory studies of adding gaming to Netflix streaming, how it will affect their streamers, the cost of adding gaming, and whether Netflix sees it as profitable and feasible to do.

Student Authors: Letti Asper, Anna Gerald, Seth Hanson & Jonathan Rueda

Faculty Mentor: Dr. Rachel Kaitz

Project Title: Netflix: An Analysis, Evaluation, and Look into the Future

Abstract: This research study analyzes external and internal factors of the entertainment company, Netflix. The in-depth research conducted is the foundation of an implementation recommendation and evaluation. The impact and future outlook are based on the analysis and evaluation, as well as common business activities.

FRIDAY AFTERNOON SESSION

DARM ROOM #110 • 2:00 - 4:00
BUSINESS & COMPUTER SCIENCE - BUSINESS (cont.)

Student Authors: Kassie Gardiner, Kaitlyn Kaufman, Anastasia Soboleva & Sonia Young

Faculty Mentor: Dr. Rachel Kaitz

Project Title: Why Expand into Music? A Strategic Opportunity for Netflix's Evolution

Abstract: This paper explores a strategic opportunity for Netflix to incorporate music streaming into its core content. Netflix can use its current platform, user base, and data analytics to improve the viewer experience through music-related features. The integration offers a unique value proposition that would attract new subscribers, increase engagement and solidify Netflix as a leading entertainment provider.

Student Authors: Kelsie Challinor, Kelly Green, Kiernan Hegel & Maggie Remington

Faculty Mentor: Dr. Rachel Kaitz

Project Title: Netflix's Strategic Opportunity

Abstract: This presentation covers the potential gains Netflix may have if they implement a partnership with larger gaming companies. The goal would be for Netflix to develop original games that can then be accessed through these consoles. Covered in this presentation is a short summary of the practical and financial costs of implementing this idea.

Student Authors: Joel Collie, Sean Hodgson, Viki Platt & Zachary Wren

Faculty Mentor: Dr. Rachel Kaitz

Title: On the Rise to Self-Sufficiency: The Netflix Education Institute

Abstract: With the rising popularity of homeschooling in the United States and other countries, there is a market for educational content tailored towards primary education students and families. By entering this potential market, Netflix can establish itself as a recognized platform for acquiring educational content and grow by branching into other services.

Student Authors: Amira M. Bonaparte, Gabriel M. Lazcano, Dylan M. Rankin, & Kimberly L. Viere

Faculty Mentor: Dr. Rachel Kaitz

Title: Leveling Up: Netflix's Expansion into Gaming for Sustainable Growth

Abstract: A promising opportunity is Netflix's expansion into gaming, utilizing its strong brand recognition and technological expertise to enter a rapidly growing industry. This strategy aligns with Netflix's mission to deliver innovative entertainment experiences while addressing its financial challenges, such as overdependence on streaming revenue and rising subscription costs. Integrating gaming would allow Netflix to enhance subscriber retention, attract new audiences, and diversify its revenue streams, ensuring long-term success in the competitive digital entertainment industry.

COEUR D'ALENE GRADUATE RECEPTION
DeArmond University Center • 4:00-6:00

WARRIOR WHEELS CAR SHOW

Technical & Industrial Division

SATURDAY, MAY 3, 2025 - 9:00-4:00

SCHWEITZER CAREER AND TECHNICAL EDUCATION CENTER

The LC State Auto Mechanics club has spent the semester organizing and planning their second Annual Warrior Wheels Car Show. The students have coordinated a car show where car enthusiasts can enter and compete for awards. Students have arranged for dyno runs for the public to test their vehicles performance on the chassis dynamometer. For a fee, the individuals will get three runs on the dyno. Students will use the equipment and technology to set the cars up for dyno runs. The winner gets bragging rights for the year. Students have also secured raffle items from local businesses.

ACTING SHOWCASE

Humanities Division

SATURDAY, MAY 3, 2025, SILVERTHORNE THEATRE, 2:00-4:00

Join the LCSC Theatre Production and Acting classes for a one-time performance of Diamond in the Rough, by Lane Richins. This semester was a unique opportunity for the students of both courses to work together throughout, and this chance to exhibit their skills is the last, vital step of their coursework. Designed and acted by students, this four-person comedy is a fast-moving romp about family and television. The performance will last about 75 minutes, and stars students of our Acting course. Afterwards, please join us for a review of the set and costume designs, rendered by students from our Theatre Production course throughout the semester.

SWINGING FOR SCHOLARSHIPS

Coeur d'Alene Center Fundraiser Event

SATURDAY, MAY 3, 2025, AVONDALE GOLF CLUB, 11:30-5:00



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