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.

Programs Participating This Year

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<th>Business Division</th>
<th>Division of Education &amp; Kinesiology</th>
<th>Nursing &amp; Health Sciences Division</th>
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<td>Business Administration</td>
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<td>Business Administration with Management Accounting</td>
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2016 LCSC Research Symposium Committee Planning Members
Program Administrators: Dr. Kerensa Allison & Dr. Rachelle Genthôs

- Dr. Michael Edgehouse, DONSAM
- Ms. Marcy Halpin, Humanities
- Ms. Caroline Hatfield, Provost Office
- Dr. Leif Hoffmann, Social Sciences
- Dr. H. Marlowe Daly-Galeano, Hells Canyon Institute
- Dr. Okey Goode, Humanities
- Dr. Darcy Graves, Social Sciences
- Dr. Rachel Jameton, Teaching and Learning Center
- Dr. Susan Odom, Nursing
- Dr. Clay Robinson, Kinesiology
- Dr. LaChelle Rosenbaum, Social Sciences
- Ms. Jill Thomas-Jorgenson, Business
- Ms. Pamela Walton, Nursing

A special thank you is extended to the following people who made the 2016 Research Symposium a reality this year:

President J. Anthony Fernandez
Provost Lori Stinson
Dean Mary Flores
Dr. Delta Heath-Simpson - Business Division
Dr. Heather VanMullem – Division of Education & Kinesiology
Mr. Martin Gibbs - Humanities Division
Dr. Heather Henson-Ramsey - Natural Sciences & Mathematics Division
Dr. Mary Lou Robinson - Nursing & Health Sciences Division
Dr. Christopher Riggs - Social Sciences Division
Ms. Caroline Hatfield – Provost Office Administrative Assistant
Dr. Gwen Sullivan – Writing Center
Dr. Laura Earles – Social Sciences Division
Ms. Doris Miles & Ms. Julie Crea - SUB/Events & Campus Card Services
Ms. Monika Pande, SODEXO
Idea Network of Biomedical Research Excellence (INBRE) Program
# Keynote Speakers 2016

**Wednesday, May 4th, 12:00-12:50**  
WCC – Clearwater/Snake Room

**Keynote Address:** Christina (Tina) Geithner, Ph.D.  
**Title:** Research: Life Lessons

**Biography:** Christina A. Geithner earned her Ph.D. in Kinesiology from the University of Texas - Austin, with a specialty in Physical Development and Aging. Her research has included longitudinal analyses of independent locomotion and adolescent growth and maturation, talent identification projects for U.S. Diving, data management for two community health projects with the Benewah Medical and Wellness Center, international collaborations regarding women’s ice hockey players, and the scholarship of teaching and learning. She has successfully mentored undergraduate students in research, culminating in regional, national, and international presentations and multiple peer-reviewed publications. Tina recently retired from 20 years of full-time teaching at Gonzaga University to develop her business and practice as a life coach, and to continue her pursuit of life-long learning.

**Abstract:** Dr. Geithner will share some of her collaborative research experiences and reflections on her key learnings, and invite attendees to reflect on and share their own lessons from research and similar work and learning processes.

**Thursday, May 5th, 12:00-12:50**  
WCC – Clearwater/Snake Room

**Keynote Address:** Erin Logue, PhD, Clinical Neuropsychologist  
**Title:** The What, When, Why, and How of Clinical Neuropsychology with Research and Case Examples

**Biography:** Erin Logue received her PhD in counseling psychology from Texas Tech University. She is currently a neuropsychologist at the Round Rock Specialty Clinic of Baylor Scott and White Health. Her research interests include validation of neuropsychological measures; and relationships among health factors, medication use, and cognitive impairment.

**Abstract:** The goals of this talk are to introduce the audience to clinical neuropsychology and to use examples from my own research and clinical experience to help illustrate the work of a clinical neuropsychologist. During the first half of this presentation, I will discuss the training and background of a clinical neuropsychologist, the patient populations we work with, the referral questions we help answer, and how we answer these questions. During the last half, I will apply clinical research to a case example to help illustrate how research and practice complement each other in our field. More specifically, I will present on research I helped conduct on the interaction between the burden of multiple medical conditions and the impact of anticholinergic drugs on cognition as measured by the Repeatable Battery for the Assessment of Neuropsychological Status (RBANS). I will then discuss how this played out in a case I saw clinically.
Keynote Panel 2016
Friday, May 6th, 12:00-12:50
WCC - Clearwater/Snake Room

Keynote Panel: Environmental Studies Research and Teaching Panel
Participants:
Dr. Laura Earles: Associate Professor of Sociology
Dr. Rachel Jameton: Professor of Chemistry
Dr. Nancy Johnston: Assistant Professor of Chemistry
Dr. Peter Remien: Assistant Professor of English

Abstract: Environmental studies is an interdisciplinary field of study that spans the natural sciences, social sciences, and humanities. LCSC’s new Environmental Studies minor brings together a variety of courses in these areas to provide students with an introduction to environmental science and enhance their understanding of the social, political, economic, cultural, and philosophical dimensions of the human-environment relationship. In this keynote session, faculty who teach environmental studies courses highlight research projects students conduct in their classes as well as their own research and teaching interests as a way of introducing the campus community to the range of topics and areas of study that are included in the Environmental Studies minor.

WEDNESDAY MORNING SESSION 9:00 – 10:15

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<th>Author</th>
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<tr>
<td>Bre'Ann Kayshell Larson</td>
<td>College Support System for College Freshmen</td>
<td>The purpose of this study was to discover if freshmen, who had a collegiate support system, did better academically (higher GPA) and if they were more likely to enroll for the next semester than freshmen who did not have a collegiate support system. The sample was freshmen from a small rural four-year university in the Pacific Northwest. The researcher conducted a T-Test to determine the differences in GPA between the two groups.</td>
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<td>Andrew Rosch</td>
<td>Burnout and Self-Care</td>
<td>Is there a correlation between burn-out and self-care in social work? North Idaho social workers and counselors, took the MBI-GS survey to measure professional efficacy, exhaustion, and cynicism. Although the correlation between self-care and burnout is not strong in this sample, the direction of the correlation is negative, implying that as self-care increases, burnout decreases. With this population at this time, this researcher accepts the null hypothesis.</td>
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<td>Caroline Forsmann</td>
<td>A Needs Assessment for In-Patient Psychiatric Unit for Children and Adolescents</td>
<td>The purpose of this research is to determine the needs and gaps for child and adolescent psychiatric services in Region 2 of Idaho. Special attention was given to what type of in-patient services would most effectively serve this population. Stakeholders of this topic have been surveyed to assess this need. The findings will be presented to the Behavioral Health Board for Region 2 of Idaho and necessary advocacy steps may be taken as a result.</td>
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<td>Deanri Human &amp; Ashlie Renfro</td>
<td>The Effects Massaging Techniques and Active Stretching Have On Range of Motion and Strength of the Lower Legs</td>
<td>The purpose of this research study was to determine if different massaging techniques or active stretching influence muscle flexibility and strength in lower legs. Traditional muscle massaging, massaging using Gavilan instruments, and active stretching were administered. Dorsiflexion and vertical leap measurements were used to determine differences in range of motion and leg strength. The treatments were on tennis player’s calves with one treatment a week, three times each. Results will be shared at the Symposium.</td>
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***Wednesday, May 4th Keynote Speaker: 12:00-12:50, WCC- Clearwater/Snake Room***

Christina (Tina) Geithner, Ph.D. - Research: Life Lessons
Welcome by President Tony Fernández
Introduction by Ms. Jill Thomas-Jorgenson

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**Wednesday Morning Session 10:30 – 11:45**

**Author:** McKayla Lee Forsberg
**Title:** Is There a Significant Difference in Residents’ Psychosocial Well-Being Using Their MDS Score from Day one and Day 30, and Their Depression Scale?

**Abstract:** This descriptive study identifies any differences in residents’ psychosocial well-being who live in an assisted living facility in rural Idaho. With permission, the researcher looked at existing data on the residents’ cognitive, and mental depression status at two different points since admission to the assisted living facility.

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**Author:** Amy Guzman
**Title:** Perceptions of Mental Health Stigma among Mental Health Professionals with an ACT Team

**Abstract:** The purpose of this mixed methods exploratory study is to examine perceptions of mental health stigma. The sample consisted of mental health professionals with an ACT Team in the rural northwest. Gathering data from mental health professionals’ direct observations and interactions with consumers, a better understanding of mental health stigma is possible. Overall results indicate a need for increased education on the topic of mental health stigma.

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**Author:** Cindy Hulett
**Title:** Self-Care Measures Utilized in Combating Burnout among Helping Professionals in the Head Start Setting

**Abstract:** This exploratory study was designed to examine self-care measures being practiced to combat burnout among helping professionals in the Head Start setting. The method used to gather information were surveys that were created using a four point Likert scale to answer questions about self-care activities. Surveys administered to helping professionals at Head Start centers in Northern Idaho provides the data for this analysis.

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**Author:** Kristina Coons
**Title:** Food Insecurity among High School Students

**Abstract:** The purpose of this needs assessment is to examine food insecurity among students at a rural Pacific Northwest high school from the perspective of faculty. Different interventions and techniques that have previously been attempted to help combat this problematic situation are discussed and the interventions evaluated.

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**Author:** Beau Kerns, Dylan Tashjian, & Treneisha Doyle
**Title:** Fundamental Skills of Baseball

**Abstract:** The purpose of this senior research project was to develop a baseball coaching booklet for youth coaches. Key drills and coaching tips will be explained and diagrammed for specific areas such as hitting, throwing, fielding, and pitching. Every drill will be broken down into teachable single unit components to increase skill development and simplify the learning process. Diagrams and video links to facilitate a more productive learning environment will also be included in this teaching booklet. The booklet will be shared at the Symposium.

---

**Author:** Casey Prescott & Kawika Emsely-Pai
**Title:** Mental Conditioning for Amateur Baseball Players: A Guide to Mental Toughness

**Abstract:** The purpose of this project is to develop a mental conditioning program to guide mental toughness in amateur baseball players. Being mentally tough is not only about pain tolerance, but also overcoming adversity, being confident, and having a good work ethic on and off the field. By using psychological training tools, goal setting, situational awareness, and other tools, we aim to improve a baseball player’s ability to control the controllables (i.e. preparation, attitude, concentration, and effort). Results will be shared at the Symposium.

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**Author:** Jim Selby
**Title:** Self-Efficacy in Parents of Children with Disabilities

**Abstract:** The purpose of this mixed methods study was to explore the relationship between self-efficacy and disability in parents of children with disabilities. The research design was a longitudinal study with a two-year follow-up. The results indicated that self-efficacy was positively correlated with disability in parents of children with disabilities. The study concluded with recommendations for future research in this area.

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**Author:** Jack Stephens
**Title:** The Comparison of Recidivism between Level One Outpatient Substance Abuse Treatment (OP) and Level One Outpatient Treatment with Moral Reconation Therapy (MRT)

**Abstract:** This exploratory research is to help identify and examine which treatment, Level One Outpatient Substance Abuse Treatment or Level One Outpatient Treatment with Moral Recognition Therapy, is considered best practice to reduce recidivism. The data for this analysis came from data sets stored at an Idaho Justice Service building.

---

**Author:** Anthony Michael DiLiberto
**Title:** Mental Health Stigma: The Influence of Family Advocates

**Abstract:** This exploratory study tested the theory which compared the perception a person had of whether they believed that the Family Advocates were being utilized in the services they were providing.

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**Author:** Silvia Hurtado
**Title:** Perceptions of Family Group Decision Making (FGDM) through the Eyes of Northern Idaho Child Protection Services Professional Workers

**Abstract:** This exploratory research study has examined the perceptions of Child Protection Services professionals on Family Group Decision Making. My survey has been administered to Northern Idaho Child Protection Services professionals in the Northern Idaho offices. Data has been gathered using a Likert scale and one open ended question on a survey. The goal of this research study is to have gained a better understanding of how Child Protection Services professionals perceive Family Group Decision Making. The significant findings include finding improvements to Family Group Decision Making.

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**Author:** Barbara Hershberger
**Title:** Childhood Attention Needs and Its Lasting Impact on Adulthood

**Abstract:** This research study tested the theory which compared the perception a person had of whether they received an adequate amount of attention as a child and how this related to their behavioral choices as an adult. This was conducted at a public four year college in the Pacific Northwest. The hypothesis was that if not enough attention is received by a person as a child, it may result in risky behaviors as an adult.

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**Author:** Megan Weir
**Title:** Moral Reintegration Therapy: A Study on Recidivism Rates in Juvenile Offenders

**Abstract:** Moral Reintegration Therapy suggests that by successfully completing the 12 step program, any juvenile can have improved morals and behavior skills, which can reduce the likelihood of reoffending. This researcher wanted to measure the recidivism rates of juvenile offenders in Northern Idaho to see if Moral Reintegration Therapy is effective.
Authors: Jared Nau & Josh Leinweber  
Title: Sports Marketing Campaign  
Abstract: The purpose of this project is to implement a new promotional campaign for a small college campus in Idaho. Implementing new promotions could attract new students to the sporting events on the campus. Executing this campaign may perhaps affect the type of new recruits from high schools and help this college build and strengthen their relationships. In connection with the athletic department, we plan on executing new halftime entertainment along with theme nights. Results will be shared at the Symposium.

Author: Robyn Schirmer  
Title: Volleyball Skill Development Camp  
Abstract: The purpose of this research project was to develop a camp brochure to market to prospective volleyball players and their parents. Through research to determine common tendencies in camp brochures, five areas of focus became clear to be successful in promoting a positive camp environment: number of qualified coaches, ratio of participants to coaches, schedule/duration of camps, benefits, and reasonable cost. The brochure will be shared at the Symposium.

Author: Casey Edelbrock  
Title: Arm Care Program for Pitchers  
Abstract: The purpose of this research project was to develop an arm stretching and strengthening program with tubing and light weight bearing exercises for pitchers. Through literature reviews of professional journal articles the most common recommended stretches and strengthening exercises were implemented into this arm care program for pitchers. The target group is young teens that are just starting to develop their arm strength and endurance. Demonstrations and handouts will be available at the Symposium.

Authors: Maranda Dawn Green and Jacqueline Marie Aldrich  
Title: Attitudes Towards, and Effectiveness of the Guardian Ad Litem Professionals  
Abstract: A Likert scale questionnaire was constructed using Survey Monkey and was distributed to 277 professionals associated with the Court Appointed Special Advocate (CASA) program. The questionnaire was used to assess how the individuals feel about the guardian ad litem program. A statistical analysis will show us if there are any correlations between attitudes and job titles. This study was researched to give the CASA organization information on the effectiveness of its program.

Author: Robert Hadley  
Title: Perceived Efficiency and Attitudes of Current Suicide Prevention Trainings among Faculty  
Abstract: National suicide prevention methods are changing. Looking at methods used in schools, and how faculty perceives them is of concern to the communities. The purpose of this study was to examine attitudes of faculty regarding how effective they believe the curriculum to be and the confidence of faculty are important when choosing curriculum. The population consisted of a Northern Idaho school district, differences between multiple variables like profession, grade level, and prevention education were evident in outcomes.

Author: Laura Seibert  
Title: What Existing Knowledge is Present Amongst Mental Health Professionals on the Use of Medical Cannabis?  
Abstract: The purpose of this research is to explore what knowledge and opinions exist amongst mental health professionals on the use of Medical Cannabis. This exploratory research gathered data through anonymous surveys given to Social Workers, Counselors, Psychiatrists, and Prescribing Nurse Practitioners who are employed through mental health agencies. These agencies were randomly chosen and are located in Lewiston, ID, Clarkston, WA, Pullman, WA, Moscow, ID, Ellisonburg, WA, and Boise, ID.

Author: Eric D. Boggan  
Title: Chronic Pain Conundrum: Is Cannabis a Viable Alternative to Prescription Opioids?  
Abstract: This meta-analysis presents findings related to the benefits/detriments of cannabis (marijuana) as an alternate form of treatment for chronic pain when compared to opioids/benzodiazepines, the most frequently prescribed form of treatment for chronic pain relief.

Authors: Karina Davila Castillo and Randi Smith  
Title: Gender Bias in Coaching  
Abstract: The purpose of this study was to determine if there is gender bias towards coaches amongst college students who have previously played or are currently participating in sports. Researchers examined gender preference based on coaches' perceived knowledge of coaching, motivation effectiveness, personal desire to play for the coach, and predicted future success. Results of this study were analyzed and compared to 50 years of previous studies to determine changes. Results will be shared at the Symposium.

Authors: Maxx Antush, Rachel Candy, Cody Larson  
Title: Relationship between Performance and Body Composition in Track Athletes  
Abstract: The purpose of this study was to determine if there is a significant relationship between body fat percentage and race performance in collegiate athletes who competed in short sprinting, long sprinting, hurdles, middle distance, and long distance running events for several universities in the Pacific Northwest. Bioimpedance was used to determine body composition to examine if a correlation existed in race performance. Results will be shared at the Symposium.

Authors: Jamie Berks, Cheryl Baker, Desiree Cannon, MaryRose Hanson, Kiley Waldemarson  
Title: Visa Plants a Seed for Global Growth  
Abstract: With increasing aggressive pressures from both direct competitors; MasterCard, American Express, and Discover, and newer payment methods; PayPal, Apple Pay, and eBay; Visa, Inc.'s fiercest global opponent continues to be cash. It is more imperative today than ever before to expand into the potential high growth emerging markets. Bill Sheedy, Global Executive, Corporate Strategy, and Government Relations, established a team, “Visa Global Alliance”, to implement a strategy to augment their point-of-sale presence in emerging markets. The focus will be to partner with Visa, Europe and expand into markets in China, Russia, and Asia.

Authors: Becca Beal, Rickie Palmer, Abby Shook, Britney Snyder, Alyssa White  
Title: Increasing Small Business Interactions with Visa  
Abstract: Visa Inc. is a global payments technology company. Using their processing networks they provide numerous services such as transaction processing, fraud protection, and value added services. Our group's research brought us to conclude that Visa is missing out on an important market segment, small businesses. Our goal is to create an effective strategy in order to increase the amount of small business owners using Visa platforms and in turn maximize transactions with small businesses.

Authors: Dylan Ford, Preyadarshini Panday Shukla, Tom Sperry, Archie McGregor  
Title: Visa India  
Abstract: Our group is committed to creating brand awareness of Visa in India by partnering with the government of India and its Financial Inclusion program. By partnering with this program Visa will gain knowledge of the Indian market and will be able to promote its brand to potential customers through marketing campaigns.

Authors: Lilly Ragan-Doglottto, Shane Garduno, Mitch Kinney, Melanie Clarke  
Title: Everyday Where You Want To Be  
Abstract: We at Visa believe that fraud is one of the greatest threats facing our industry today. If we were able to reduce revenue losses from fraud through new technology and innovations, we could use the money saved to increase our work in corporate social responsibility. Being able to reduce fraud and increase our philanthropic work, would slow the growth of our competitors and increase our already leading market share.

Authors: Kaity Leinweber, Preya Shukla, Abby Shook, Britney Snyder, Alyssa White  
Title: Visa Global Alliance  
Abstract: Visa Inc. is a global payments technology company. Using their processing networks they provide numerous services such as transaction processing, fraud protection, and value added services. Our group's research brought us to conclude that Visa is missing out on an important market segment, small businesses. Our goal is to create an effective strategy in order to increase the amount of small business owners using Visa platforms and in turn maximize transactions with small businesses.
Target is the nation's largest company in the multiline retail business. By expanding their current grocery business, Target is the nation's largest company in the multiline retail business. By expanding their current grocery business, Target will gain a larger share of the market sales and will be able to overcome their competitors in this aspect. By redesigning marketing efforts towards upper-class customers, Target will gain a larger share of the diversified customer. By redesigning marketing efforts towards upper-class customers, Target will gain a larger share of the diversified customer.

Abstract:

Target Corporation is a nationally recognized retail outlet that offers everyday essentials and trendy, modern merchandise at discounted prices. Target is customer focused and desires to expand globally. To emerge successfully in cloud computing and smartphones, Intel will be able to remain on top competitively in a market that changes rapidly and resources, EDs (Emergency Departments) are seeing more mental health patients who frequently return. This leads to a "revolving door effect" of patients coming and going to the acute care setting seeking help. This leads to a "revolving door effect" of patients coming and going to the acute care setting seeking help. We are seeing more mental health patients who frequently return. This leads to a "revolving door effect" of patients coming and going to the acute care setting seeking help.

Title: A Revolving Door: Nurses' Roles in Outpatient Facilities and Treating Mental Illness

Abstract: The treatment for patients with mental illnesses is often inadequate. With insufficient treatment and resources, EDs (Emergency Departments) are seeing more mental health patients who frequently return. This leads to a "revolving door effect" of patients coming and going to the acute care setting seeking help. This leads to a "revolving door effect" of patients coming and going to the acute care setting seeking help.

Title: Effects of 12-Hour Shifts on Nurses and Patient Outcomes

Abstract: Evidence shows that a nurse's work schedule and shift length has a direct effect on patient safety and outcomes as well as nurse job satisfaction. Twelve hour shifts can relate to potential errors, nurse physiological stress and an unsafe environment for nurses and patients. Best practices for shift lengths that provide optimal patient outcomes and nurse/patient satisfaction will be presented.

Title: Falling Short: Oral Health and the Link to Ventilator Acquired Pneumonia

Abstract: Research demonstrates nosocomial infections develop in part due to poor oral hygiene practices. Nurses are at the forefront of patient care management and education. This presentation will focus on evidence based oral hygiene practices, compliance in intensive care settings, methods to address barriers and promoting effective oral hygiene practices.

Title: Male circumcision has been a topic of debate for many years. Position statements from professional agencies have changed several times regarding this topic impacting parental decisions and nursing practice.

Abstract: The purpose of this study was to gain insight into high school students’ interests regarding physical education activities. The goal was to empower students into becoming more physically active, while incorporating everyday movements promoting lifelong fitness. A survey was used to determine what activities students liked and what they want to change in course curriculum to promote more participation. Results will be shared at the Symposium.

Title: Training Sequencing and It’s Impact on Weight Management

Abstract: The purpose of this study was to determine if there was a significant difference in weight loss or body composition due to sequential order of aerobic and anaerobic training. Participants were ages 20-45 years and participated in CrossFit programming. Results will be shared at the Symposium.
Abstract:

Title: Child abuse Reporting: A Nurse's Role
Authors: Lisa Courtright, Megan Dotson, Morgan Cook, Brea Reyes
Title: Adolescent Sexual Health Education Effectiveness in Reducing Chlamydia Rates
Authors: Michaela Murphy, Katie Baran, Christine Watson, Justine Calzacorta
Title: The Effects of Intermittent Fasting on the Body
Authors: Jennifer Gimmeson
Title: Concussion Symptoms and Treatment Recommendations
Authors: Hannah Byerly, Kelsey Darnell, Chris Walker

Abstract:

Title: The Effects of Intermittent Fasting on the Body
Authors: Jennifer Gimmeson
Abstract: The purpose of the study was to investigate the effects of six weeks of intermittent fasting on the body in relation to blood lipid levels, blood glucose levels, body composition using skinfold caliper testing, DEXA scan, and BMI. Fifteen participants between the ages of 20-54 participated with ten in the experimental and five in the control group. Quantitative data was recorded both before and after to compare any changes in the previously stated testing. Results will be shared at the Symposium.

Title: Does Exercise Have Long Term Effects on Blood Pressure and Resting Heart Rate?
Authors: Nathan Whittaker and Taylor Luse
Title: Seasonal Variation in Daily Activity Patterns in an Introduced Population of the Eastern Fox Squirrel (Sciurus niger)
Authors: Alex Heimerdinger, Randi Bowman, Michael Edgehouse
Title: Odonates Aggression: Behavioral Plasticity as a Result of Resource Level
Authors: Hunter Clark, Sharol Schmidt, Michael Edgehouse
Title: Automated Color Separation In Multidimensional Image Stacks
Authors: Michael Woodfin

Abstract:

Title: The What, When, Why, and How of Clinical Neuropsychology with Research and Case Examples
Welcome by Provost Lori Stinson
Introduction by Dr. Rachel Genthos
THURSDAY AFTERNOON SESSION 3:00 – 4:15

DONSAM Faculty Research Presentations

Authors: Brody Astle, Cammie Lewis, Nick Emerson, and Rich Tesmer
Title: Male College Basketball Shooting Percentages and Workout Strategies
Abstract: The purpose of this research was to test male collegiate basketball players to determine if there was a correlation between workout sessions (individual or groups) and shooting percentages on the court. Shooting percentages from the three-point line and free throw line were tracked during three different shooting sessions. The quantitative research compared the shooting performance by the athletes in each group to determine any difference in shooting percentages. Results will be shared at the Symposium.

WCC: Lochsa River Room

KINESIOLOGY

Author: Kevin Mellick
Title: The Indian Ocean Blues: An Economic World History Perspective on the Decline of the Ottoman Empire
Abstract: The Ottoman Empire (1300-1923) initially thrived under a strong central government, military bureaucracy, and economic expansion. As the seventeenth and eighteenth centuries went on, these Turkish activities turned into weaknesses. Historiography of the Ottoman decline has focused on Ottoman military, central government, and internal economy. This research instead emphasizes the world-economies surrounding the Ottoman Empire. By failing to take control of the Indian Ocean world-economy the Ottomans greatly contributed to their economic decline.

WCC: Selway Room

SOCIAL SCIENCES

Author: Tyler Bigger
Title: Perceptions and Behaviors of LCSC Students towards Pets
Abstract: This research examines the patterns of the perceptions and behaviors of people towards pets. Through examining the literature of pets from the disciplines of Anthropology, Biology, History, Psychology, and Sociology, the perceptions and behaviors of people towards pets is approached from a holistic perspective. A self-administered questionnaire was created and administered to the student body of Lewis Clark State College in Lewiston, Idaho and examined the perceptions and behaviors that students have towards pets.

Author: Samantha Gump
Title: Tomb Raider: Sextist, female empowerment, or both?
Abstract: The cultural context of sexism, female empowerment, and how it is translated into video games is examined by using the Glick and Fiske Ambivalent Sexism Scale to compare the games Tomb Raider (1996) and its reboot Tomb Raider (2013). This study determines if there are differences in patterns of sexism and/ or female empowerment between the two games, if any, by comparing the physical appearance, abilities, and dialogue for the main character, Lara Croft.

Author: Tyrel York
Title: How the Mighty Have Fallen: Measuring Prestige Loss in the American Academic Profession
Abstract: Through the use of content analysis of The Chronical of Higher Education this paper examines how increasing contingent labor, loss of freedom, and falling remunerations signal an overall loss of prestige surrounding college faculty within the last two decades. Findings don’t indicate substantial shifts in conversation with increased polarization around issues of pay, employment, tenure, and academic freedom. This study measures loss of status associated with the professorial occupation, no causal factors are definitively identified.
**FRIDAY MORNING SESSION 10:30 – 11:45**

**Behavior Change at the Boys and Girls Clubs of the Lewis-Clark Valley, Lewiston**

**Author:** Jessica Schneider

**Title:** Behavior Change at the Boys and Girls Clubs of the Lewis-Clark Valley, Lewiston

**Abstract:** The purpose of this study was to determine if there was any behavior change, including daily tasks and activities, after gaining and holding membership at the Boys and Girls Club Lewiston Branch for at least one month. Participants were surveyed and asked questions about daily choices and personal feeling. Results will be shared at the Symposium.

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**The Use of Smart Phone Applications and Wearable Devices**

**Author:** Greg Jose

**Title:** The Use of Smart Phone Applications and Wearable Devices

**Abstract:** The purpose of this study was to determine the user experience of smart phone health applications and wearable devices. The goal was to gain further information on the use of smart phone health applications and wearable devices to determine recommended changes to improve usage. A survey was administered to determine people's satisfaction, use, and feedback on suggested changes to improve fitness apps usage. Results will be shared at the Symposium.

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**Friday, May 6th Keynote Panel: 12:00 – 12:50, WCC- Clearwater/Snake Room***

**Environmental Studies Panel: Environmental Studies Research and Teaching Panel**

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**FRIDAY AFTERNOON POSTER SESSION 1:00 – 3:00**

**The Spirit of the Salmon: Water Quality & Survival of the Nez Perce People**

**Author:** Stacia L. Greene

**Title:** The Spirit of the Salmon: Water Quality & Survival of the Nez Perce People

**Abstract:** This poster project compares and contrasts petroglyph and pictograph art styles at locations throughout Hells Canyon and examines them in relation to similar sites throughout North America. Observations of different sites in the canyon show variations in recurring symbols. While the differences may reflect the unique perspective of the artist or the generation, the similarities are a testament to the common cultural ideals and values of the Native North American people.

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**Women’s Health in Hells Canyon: Use of Indigenous Plants Prior to Modern Medicine**

**Authors:** Stacia Greene, Dominique Martinez, Angel Barnett, Nancy A. C. Johnston, Elizabeth Marek

**Title:** Women’s Health in Hells Canyon: Use of Indigenous Plants Prior to Modern Medicine

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**Zooplankton as a Measure of Salmon Health in the Snake River**

**Author:** Hunter Clark

**Title:** Zooplankton as a Measure of Salmon Health in the Snake River

**Abstract:** This study investigates whether tributaries within the Snake River watershed are healthy for recovery of wild salmon. Data from four watersheds was collected including comparative reads of pH, turbidity, conductivity, dissolved oxygen and temperature. The Snake River, Grand Ronde, Salmon and Imnaha Rivers have been significant aquatic resources as long as Nimiipuu culture has been alive.

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**Wildfire Effects on Ungulate Food Sources in Hells Canyon**

**Author:** Darren Benefield

**Title:** Wildfire Effects on Ungulate Food Sources in Hells Canyon

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**Using Avenza PDF Maps and Google Tour, we mapped out areas of the canyon that served as sites of learning, including photos and a "Captain's Log" describing educational activities. QR codes give access to a Google Tour, Facebook page, and Website for a deeper look at our field school. This project provides a virtual experience for those who have not had the opportunity to explore Hells Canyon and shows the value and benefits of HCI.**

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**Authors:** Shayla Laney, Titus Hansen, & Cameron Kirk

**Title:** Connecting in Hells Canyon

**Abstract:** Using Avenza PDF Maps and Google Tour, we mapped out areas of the canyon that served as sites of learning, including photos and a "Captain's Log" describing educational activities. QR codes give access to a Google Tour, Facebook page, and Website for a deeper look at our field school. This project provides a virtual experience for those who have not had the opportunity to explore Hells Canyon and shows the value and benefits of HCI.

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**Author:** Elizabeth Marek

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**Authors:** Stacia Greene, Dominique Martinez, Angel Barnett, Nancy A. C. Johnston

**Title:** Water Quality Analyses of Snake River, Hells Canyon

**Abstract:** Water quality was studied in the Hells Canyon Wilderness area to aid in understanding of human and environmental impacts on the region. Onsite, real time readings of pH, turbidity, conductivity, dissolved oxygen and temperature were collected at multiple locations and fell within acceptable levels for the Snake River Basin. Water samples were also returned for laboratory analysis of heavy metals (copper, iron, and lead) using atomic absorption spectroscopy. The findings will be presented here.
**Title:** Determination of Hydrocarbons in Diesel Exhaust

**Abstract:** The exhaust from diesel vehicles has been conducted to determine the levels of gaseous hydrocarbons and the implications on human health. Above relatively low thresholds hydrocarbons can cause various health defects including kidney damage and leukemia. A range of diesel vehicle models were sampled using solid phase extraction and headspace analysis. Microscopic concentrations of benzene, toluene, and iso-octane can be acceptable to levels of these contaminants.

**Title:** Analysis of Toxic Metals in the Snake River and Clearwater Rivers

**Abstract:** An initial survey of the Snake and Clearwater Rivers was conducted to determine the concentration of metals known to pose harm to wildlife and humans, specifically copper and lead. The EPA limits lead at 15 ppb and copper at 1.3 ppm in drinking water. Samples were analyzed through both flame (FAAS) and graphite furnace (GFAAS) atomic absorption spectroscopy. Concentrations were below the limits of detection for FAAS, and GFAAS results will be presented.

**Title:** Molecular Modeling: Visualizing and Predicting the Interaction of Benzodiazepines with the GABAA Receptor Derivatives

**Abstract:** Benzodiazepines bind to the GABA receptor and enhance its action, thus increasing the inhibitory effect on neurotransmitters in the central nervous system (CITE). This interaction produces the sedative and muscle-relaxant effects of benzodiazepines (CITE). Using Swiss-PDBviewer software to visualize the interaction between several benzodiazepines and GABA, predictions were made about which benzodiazepines would bind more effectively and thus be more functional. Ultimately drug testing information was used to verify our molecular modeling-based hypotheses.

**Title:** Antibodies in Breast Milk Regulate Gut Microbiota

**Abstract:** Secretory immunoglobulins, such as secretory immunoglobulin A (sIgA), are passed from mother to baby through the breast milk. Early exposure to sIgA through ingestion of breast milk prepares the offspring for pathogens it will encounter in the present environment and promotes homeostasis of gut microbiota. Early exposure to sIgA also results in altered gene expression of intestinal epithelial cells, diminishing the risk of inflammatory diseases and stimulating long-term intestinal health.

**Title:** The Next Step in Cancer Research

**Abstract:** When a CD8+ cell recognizes its antigen and becomes activated, a variety of mechanisms are initiated to destroy infected cells. These mechanisms can be modified to create serial killer T Cells. This is important for immune function as the CD8+ cells can eliminate other cells that no longer behave appropriately. This concept introduces new insights into cancer immunotherapy.

**Title:** High concentrations of heavy metals such as copper, lead, and iron can reduce microbial diversity and activity in soils, leading to environmental and agricultural damages. In addition, there are possible human health risks associated with exposure. To research the impact of heavy metals, duplicate soil samples from five locations were obtained in the Lewiston-Clarkston Valley. Samples were sieved, acid digested and analyzed through Flame Atomic Absorption Spectroscopy (FAAS). Results are reported here.

**Title:** The Combined Effects of Benzodiazepine and Naturally Occurring Flavone Compounds

**Abstract:** Benzodiazepines are widely used to treat anxiety, insomnia, muscle spasms, and alcohol withdrawal. This study was accomplished by binding A GABA receptor to flavones. We found that naturally occurring compounds found in flowers and tea that also bind to the GABA receptor and may exert similar effects.

**Title:** Effects of Sex Steroids on Benzodiazepine Binding Affinity using Brine Shrimp

**Abstract:** It has been shown that some of the body's sex hormones increase the uptake of benzodiazepine into the nervous system. The toxicity of a benzodiazepine derivative was tested in the presence of four different hormones, three of them sex steroids. The experiment tested the interactions between benzodiazepine and brine shrimp as a model organism.

**Title:** Florescence Analysis of Nitrate and Phosphate Concentrations in Rivers

**Abstract:** Fluorescence spectroscopy was investigated as an alternative to chemical analysis of nitrate and phosphate concentrations in water. Nitrate concentrations above 10 ppm can negatively affect aquatic environments, and is the current EPA limit for drinking water. For more sensitive fish like salmon the recommended concentration of nitrate is 0.06 ppm. Phosphate concentrations above 0.1 ppm will have environmental impacts on a river. The findings of this research will be presented.

**Title:** A Y Chromosome Variant Mediates Sex Ratio of Surviving Blm Null Embryos

**Abstract:** During the rapid cell cycles of early Drosophila embryo development, Blm DNA helicase mediates the challenges to DNA replication posed by repetitive DNA sequences. Surviving progeny from Blm mutant mothers are strongly female biased, which has been attributed to the absence of the highly repetitive Y chromosome DNA sequences. Our data implicate the existence of particular Y chromosome sequences that provide distinct, Blm-dependent challenges to DNA replication.
Abstract: Due to psychosocial and environmental factors, stress is an intrinsic part of life. Defined as a stimulus that is psychologically perceived and activates a physiological response, stress is a major cause for many diseases. Chronic stress suppresses immune function and increases susceptibility to disease; whereas acute stress may enhance the immune system and ultimately survival. Further investigation of each type of response is crucial for understanding the effects of environmental stressors on organisms.

Authors: Megan Risinger, Shane Wallace, Amanda Palmer, Leah Muzzy
Title: Acute vs. Chronic Stress and the Effect on Immune Function

Abstract: Reformulated gasoline helps to decrease air pollution by the reducing the amount of olefinic and aromatic compounds such as benzene (a carcinogen) and increasing the amount of oxygenated compounds, such as ethanol. Both benzene and ethanol were analyzed in gasoline collected in Lewiston Clark Valley, by using Gas chromatography-Mass spectrometry (GC-MS). Methods of standard addition and internal standard were used to improve precision. The results presented are compared to the U.S. Environmental Protection Agency standards.

Authors: Juan Antonio Rivero-Zevallos, Marciel Vaz, and Dr. Nancy Johnston
Title: Reformulated gasoline testing and analysis in Lewiston Clark Valley

Abstract: Alcoholics were administered a question of interest, whether one or both of their parents was an alcoholics, and then were asked to respond to the CES-D scale (Radloff, 1977) , an adapted written survey to gauge their level of depression, self-esteem, and whether one or both of their parents was an alcoholics. Results demonstrated that the more independence participants perceived as adolescents the less anxiety the tended to report as an adult, r = .42, p < .001. Limitations, future research, and implications will be discussed.

Author: Denise Corner
Title: How Is College Students' Recycling Behavior Related to Depression?

Abstract: Research was conducted at LCSC (N=208) to investigate the links between recycling behavior, how one feels about the environment, and depression. Participants completed a measure of depression (CESD-R; Eaton, 2004) and various scales for environmental and recycling behaviors. Results are expected to show a negative relationship between depression and both recycling and environmental behaviors. Results, limitations, and future research will be discussed.

Author: Jacob Hendry
Title: The Relationship between Adolescent Independence and Anxiety

Abstract: The current study investigated the correlation between how much independence one had as an adolescent, and how much anxiety they now have as an adult. Two highly reliable surveys, one to address anxiety (Cronbach's alpha = .81) and the other to assess adolescent independence (Cronbach's alpha = .85), were distributed among college students from LCSC (N=208) to the LCSC campus. Results demonstrated that the more independence participants perceived as adolescents the less anxiety the tended to report as an adult, r = .42, p < .001. Limitations, future research, and implications will be discussed.

Author: Leithan Gregory
Title: In the Mind: Exploring the Relationship between Self-perceptions, Embodiment, and Depression

Abstract: The current study investigated the relationship between an individual's level of depression and their perception of one's self-esteem based on clothing attire. LCSC students viewed a picture of an individual in either formal or casual attire and were then asked to respond to the CES-D scale (Radloff, 1977) , an adapted version of the Rosenberg Self-Esteem Scale (Rosenberg, 1965), and a question regarding how they were currently dressed. Results, limitations, implications and future research will be discussed.

Author: Brianna Nelson & Laurenna Plourd
Title: An Investigation into the Relationship between Depression and Self-Esteem in Adult Children of Alcoholics

Abstract: The purpose of this study was to examine the prevalence of depression and self-esteem in Adult Children of Alcoholics (ACOA). Research was conducted at LCSC (N=208) to investigate the links between depression and self-esteem based on clothing attire. LCSC students viewed a picture of an individual in either formal or casual attire and were then asked to respond to the CES-D scale (Radloff, 1977) , an adapted version of the Rosenberg Self-Esteem Scale (Rosenberg, 1965), and a question regarding how they were currently dressed. Results, limitations, implications and future research will be discussed.

Author: Jordan Phelps
Title: A Descriptive Investigation of Psychopathic Tendencies in LCSC College Students

Abstract: This study's purpose was to investigate whether females would rate males with greater amounts of facial hair as more masculine and attractive than males with little or no facial hair. Undergraduate students from LCSC were asked to rate various stimuli of males varying in amounts of facial hair on friendliness, attractiveness, approachability, masculinity & professionalism. Results, implications, and future research will be discussed.

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Title: Is Connection with Nature Related to Mental Health and Willingness to Take Care of the Natural World?

Abstract: The purpose of this correlational research study was to investigate the relationship between student's perceived parenting and students' anxiety. That is, whether or not there is in fact a correlation between the two variables. The study was conducted on the Lewis Clark State College campus. Results are expected to show that connection with nature is related to environmental awareness as well mental health. Results, implications, future research and limitations will be discussed.

Title: Attitudes towards Pets & Animal Abuse

Abstract: Although animals are used for companionship, animals are also abusively used for entertainment. Pet ownership and attachment could help determine attitudes towards pets and the treatment of animals. As such, the current study investigated the relationship between LCSC students' (N = 157) attachment to their pet and their attitudes toward animal abuse, with the expectation that as attachment to past or currently owned pets increased, attitudes towards animal abuse would tend to decrease. Results, limitations, and future implications will be discussed.

Title: The Product of Your Upbringing: The Relationship between Perceived Parenting Styles and Values

Abstract: The research study investigated the relationship between perceived parenting styles and the values of college students. It was hypothesized that college students who perceive an authoritative parenting style will score high in values of benevolence and achievement. Data was collected haphazardly on the LCSC (N = 164) campus using the Parental Authority Questionnaire (Ruri, 1991) and the Schwartz Value Survey (Schwartz, 1992). Results, limitations, implications, and future research will be discussed.

Title: The Purpose of Your Music: The Relationship between Music and Expectations

Abstract: The current study investigated the relationship between音乐s and expectations about music (test). Music was expected to led to increased athletic performance, especially when runners were given positive expectations about music's impact. Limitations and implications will be discussed.

Title: The Internationalization of Your Management: The Relationship between Internationalization and Performance

Abstract: The purpose of the current study was to see if music and expectations would have an effect on individuals' running performance. Students of LCSC participated in two sessions: one without music (control) and one with either positive or negative expectations about music (test). Music was expected to led to increased athletic performance, especially when runners were given positive expectations about music's impact. Limitations and implications will be discussed.

Title: The Great Canon Debate: To Reform or Not to Reform?

Abstract: The Great Canon Debate is a discussion about whether or not the texts and authors already included in the canon, as well as diverse texts and authors that could potentially be added to the canon, should be expanded or reformed or should it remain the same? The research looks at all sides of the canon debate and explores the effects of standardized testing, technology, and lack of student autonomy on students' desire to read and write in school.

Title: The Relationship between Perceived Parenting Style and Anxiety

Abstract: The purpose of this correlational research study was to investigate the relationship between student's perceived parenting and students' anxiety. That is, whether or not there is in fact a correlation between the two variables. The study was conducted on the Lewis Clark State College campus. Two surveys requesting information regarding perceived parenting styles and presence of anxiety were administered to students in social science classes. Results, future research, limitations and implications are to be discussed.

Title: The Unexpected Effects of the Trojan War: Expanding Women's Roles in the Odyssey

Abstract: The length and massive scale of the Trojan War provided the opportunity for the women of Greece to expand their role in society. The evidence of women increasing their power and responsibility can be seen throughout Homer's Odyssey. Homer's use of powerful mythological women and opportunistic mortal women demonstrates the growth women experienced during the Trojan War. Greek men went to war and returned to a much different Greece than what they had left behind.

Title: What's in a Pronoun?: A Study of Second Person Pronouns in Shakespeare

Abstract: Shakespeare tends to use the t- and y-forms of second person pronouns in different ways depending on the genre of the play. In tragedies the pronouns are used to signify status or respect/disrespect, and in comedies they are used more to signify intimacy and define interpersonal relationships. This becomes clear when looking at how the pronouns are used in plays such as 'The Tragedy of Richard III, Much Ado about Nothing, and Romeo and Juliet.'

Title: The Warrior Way: Interning in the LCSC Athletic Department

Abstract: "The Warrior Way." Interning in the LCSC Athletic Department expanded their role in society. The evidence of women increasing their power and responsibility can be seen throughout Homer's Odyssey. Homer's use of powerful mythological women and opportunistic mortal women demonstrates the growth women experienced during the Trojan War. Greek men went to war and returned to a much different Greece than what they had left behind.

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| Author: Rachel Manzo  
| Title: Cool Kids on the Block: A Comparative Character Analysis of Tom Sawyer and Huckleberry Finn  
| Abstract: This is a close reading of the characters Tom Sawyer and Huckleberry Finn, which juxtaposes Twain’s depiction of the child-rearing of the two characters. It studies how their separate upbringing affect their behaviors as two boys in the process of maturing into young men. The representations of these characters offer a critical social commentary on Mark Twain’s own upbringing and reveal how it influenced his characters used throughout Twain’s novels and autobiography.  

| Author: Jessica VanMeer  
| Title: The Code Hero and Hemingway  
| Abstract: In his work Hemingway has featured the Hemingway hero, also known as the Code Hero. Included in these Code hero stories is the character Nick Adams, who resembles Hemingway in many ways—they both loved the outdoors, traveling, and fishing. By looking closely at the similarities between Hemingway and Adams we can better understand if this really is a fictional persona that the author wrote about himself.  

| Author: Brooke Hasley  
| Title: In Cold Blood Runs Deep  
| Abstract: Within my paper and presentation, I will be uncovering how Truman Capote uses novel techniques to create a book from a tragic part of American history. Exploring his use of tension in scene, dialogue or lack thereof, and character analysis, I will be showing how Capote’s seminal piece of nonfiction has shaped how we read present nonfiction pieces. I will also touch on how Capote’s work has transformed on how today’s journalists write news pieces.  

| Author: Julie Evers  
| Title: The Remembered Wild: Concepts of Wilderness in Language, Literature, and Philosophy  
| Abstract: The origin of wilderness as a western religious term suggests an environment devoid of humankind. In early American usage, the concept is adversarial, establishing landscape as a force to be conquered for material gain. This view was largely unrecognizable to many indigenous tribes whose language and histories often reflect a partnership with the land. These differing ideologies are examined from a philosophical, literary, and linguistic approach as informed by writers like Muir, Monaday, and Nash.  

| Author: Julian C. Ankney  
| Title: The Significance of Story in Niimíipu Culture: Stories that Transform Lives: A Look into Traditional Niimíipu Oral Literature  
| Abstract: The purpose of this paper is to open to the reader the cultural significance of a Nez Perce traditional story, Sun, Moon and Frog Girl, narrated by Sam Watters. I will explain how the traditional storyteller captures the imagination of the audience through the art of verbal performance. I will discuss the importance of continuing oral traditions and the impact it had on my life.  

| Author: Emily Akin  
| Title: The Hamlet Experiment: A Creative Exploration of Gender and Sexuality in Shakespeare’s “Hamlet”  
| Abstract: “The Hamlet Experiment” engages the topics of gender and sexuality through a creative exploration of Shakespeare’s “Hamlet”, posing questions regarding textual, artistic, and societal dispositions towards gender and sexuality. The goal of “The Hamlet Experiment” is to initiate dialogue among theatre-makers and audiences regarding contemporary issues associated with gender and sexuality through the disruption of traditional views of one of Shakespeare’s best known stories, and to demonstrate the play’s ability to resonate with contemporary audiences.  

| Author: Emily Akin  
| Title: The Significance of Story in Niimíipu Culture: Stories that Transform Lives: A Look into Traditional Niimíipu Oral Literature  
| Abstract: The purpose of this paper is to open to the reader the cultural significance of a Nez Perce traditional story, Sun, Moon and Frog Girl, narrated by Sam Watters. I will explain how the traditional storyteller captures the imagination of the audience through the art of verbal performance. I will discuss the importance of continuing oral traditions and the impact it had on my life.  

| Author: Nan Ash  
| Title: Animal Assisted Therapy: Teaching Us What It Means to Be Human  
| Abstract: This paper examines the image of the American West as constructed through Western Horseman magazine. Using rhetorical analysis, the paper explores how the magazine constructs narratives through textual content, editorial images, and advertising. Drawing on Fantasy Theme Analysis, the paper discusses images of the West, from ranching to the American cowboy.  

| Author: Russia Robinson  
| Title: The Dog Days of De-Stressing: The Impact of Human-Animal Interaction  
| Abstract: The evolution of human-animal communication has progressed ten-fold over hundreds of years. In recent times, more and more studies are being done on the way animals help decrease emotional states in humans, specifically stress. Dogs are used in many different ways across the world from working dogs to companion dogs. This paper focuses on the way canines effect the stress levels of college students on the campus of Lewis-Clark State College.
### FRIDAY AFTERNOON SESSION 3:15-4:15

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<td>Tanner Daylong</td>
<td><strong>Lyrical Evolutions: Changes in Lyrical Themes within Country Music</strong>&lt;br&gt;Abstract: This paper examines how the lyrical content within the country music genre has changed between the 1930's and today. Using top rated songs over this stretch of time, this paper explores common lyrical elements present in the songs. This paper also analyzes societal factors that may have had a role in any alterations in lyrical content as time progressed. It contends that lyrics in country music have evolved as a result of societal norms.</td>
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<tr>
<td>Jacob Wiley</td>
<td><strong>Rap Music Past and Present: Violence, Culture, and Commercialism</strong>&lt;br&gt;Abstract: Since its beginnings, rap music has long been criticized for its violent content and lyrics even though recent research seems less interested in this aspect of the music. As such, this paper conducts a content analysis of current rap music, coding for violent content. Songs were drawn from Billboard's top ten rap songs list, ranging the span of three years (2013-2015). The paper contrasts contemporary rap music with that of the past, with particular focus on violent content.</td>
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<tr>
<td>Quentin Wacquez</td>
<td><strong>The Many Faces of Tiger Woods: Managing Public and Private Identities through Apologetic Rhetoric</strong>&lt;br&gt;Abstract: This paper explores apologetic rhetoric as a crisis management strategy. In particular, the paper examines Tiger Woods's 2010 apology speech, which addresses a moment when Woods' private life became public. Woods's apology followed and responded to media reports of Woods's private sexual indiscretions. The paper not only explores how self-esteem may impact these relationships.</td>
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<td>Julie McLaughlin</td>
<td><strong>The Face of Hollywood: Identity Politics and The Star System</strong>&lt;br&gt;Abstract: As one of the centers of the entertainment industry, Hollywood has long been a center of attention. In fact, for the aspirng actor or actress, Hollywood is often the place where dreams are made. Unfortunately for most, dreams are just that. As such, the paper tries to crack the code of celebrity and better understand the star system in Hollywood. In addition, the paper considers how race or ethnicity factors into the star structure.</td>
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### FRIDAY AFTERNOON SESSION 4:30-5:30

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<td>Kurt Simmons</td>
<td><strong>The American Obesity Crisis: Youth, Sports, and the Language of the Let's Move Campaign</strong>&lt;br&gt;Abstract: This paper examines the importance of sports for youth in today's culture. In particular, the paper examines the statistics suggesting an obesity crisis in America, and the ways in which the government responded with the First Lady's Let's Move campaign. This paper thus explores the language of the obesity crisis, of youth sports, and of Let's Move.</td>
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<tr>
<td>Yvette Whitman</td>
<td><strong>Another Self: Auto-ethnography and Recovery from Over Medication</strong>&lt;br&gt;Abstract: This paper explores the story of recovery for a 51 year old woman who was given high dosages of Prednisone, Zantac, Allegra, and Hydroxyzine over a ten month period by an allergist. After experiencing side effects of blurred vision, rashes, blood clots, depression, hallucinations, steroid rages, nerve damage, and memory loss, and weight gain, change was deemed necessary. Employing auto-ethnography, the author exposes transitions in medication, nutrition, and physical therapy and exercise.</td>
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<tr>
<td>Kelly Hunt</td>
<td><strong>Let's Move: Another Self - Auto-ethnography and Recovery from Over Medication</strong>&lt;br&gt;Abstract: This paper explores the story of recovery for a 51 year old woman who was given high dosages of Prednisone, Zantac, Allegra, and Hydroxyzine over a ten month period by an allergist. After experiencing side effects of blurred vision, rashes, blood clots, depression, hallucinations, steroid rages, nerve damage, and memory loss, and weight gain, change was deemed necessary. Employing auto-ethnography, the author exposes transitions in medication, nutrition, and physical therapy and exercise.</td>
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<tr>
<td>Brittney Keil</td>
<td><strong>Instagram, Advertising, and the Female Body Image</strong>&lt;br&gt;Abstract: This paper examines the ways in which retailers use Instagram to portray the female body. Through comparison and contrast of three Instagram sites—Nordstrom, Free People, and Urban Outfitters—the paper looks for trends in how the female body is manipulated or constructed. Strategies identified include the use of specific body types (thin models), the use of particular modeling poses, and photographic manipulation.</td>
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