

RESEARCH & CREATIVITY CONFERENCE



Cassie Francisco
Forgotten

Mixed media
Part of the 2016
Juried Student Exhibition

FRIDAY, APRIL 22, 2016

**Refreshments
can be found
on the 2nd floor
during the
Conference.**

APRIL 21st

4:30	Keynote Address - Research, The Fulfilling Quest: or, How a 100-Year-Old Sex Scandal Arose to become the Most Satisfying Moment of My Career John Clayton LA 205
5:00	Reception for Juried Student Exhibition LA first floor

APRIL 22nd

12:00	Participant Registration and Poster Set-Up
1:00	Kickoff Speech in SUB Atrium
1:15	Posters Presentations begin
	1 st floor: Grad Studies, City College, Main Campus Undergraduates
	2 nd floor: Main Campus Undergraduates

SUB 134 Presentations

Faculty Moderator: Professor Melinda Tilton

1:15	Instructional Design in Online Music Coursework Misha Mixon
1:30	Teaching & Training Using Conceptual Learning Styles Jasmine Rakow

Faculty Moderator: Dr. William Kamowski

2:15	Poetry Reading Amelia Bergum, Desiree Kling, Thomas Mendenhall, Sierra Parcell, Mike Wade and Sarah Williams
2:30	The Reconfigured Hero Shayla Trumpower

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PRESENTERS

Alghanmi, Amer

Title: *Lawrence of Arabia*: A Semiotic Analysis

Faculty Mentor: Melissa Boehm

Major: Mass Communications

Project Narrative: This project conducts a semiotic analysis of the 1962 film, *Lawrence of Arabia*. In the deserts of the Middle East, life was hard for Lawrence. Throughout the course of the movie, Lawrence became a member of some tribes and part of Arab culture. This project analyzes the movie in terms of editing techniques and semiotics, postmodernism and modernism, and Lawrence's life with Arabs.

Alghanmi, Amer

Title: *Lawrence of Arabia* Through the Eyes of bell hooks

Faculty Mentor: Melissa Boehm

Major: Mass Communications

Project Narrative: In the 1962 movie *Lawrence of Arabia*, British Lawrence (Thomas Edward Lawrence) assists Al-Sharif Hussein Bin Ali against the Ottoman Empire during World War I. This project analyzes the movie with three concepts from bell hooks: the ideology of domination and feminism, decolonization through rhetoric, and Lawrence's life with Arabs during the revolution.

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Anderson, Kaja

Title: Retention Rates among Diversity Students at MSUB

Faculty Mentor: Jennifer Scroggins

Major: Sociology

Project Narrative: Through interviews and surveys, or mixed-methods research, I have been collecting data with the end goal of understanding why diversity retention rates have been dropping at MSUB. This project explores students', alumni's, family members', and administrative officials' perceptions of diversity on the MSUB campus, and how/if these perceptions affect diversity retention rates.

Baker, Michael

Title: Arduino Self-Balancing Robot

Faculty Mentor: Andrew Sullivan

Major: Process Plant Technology

Project Narrative: We are developing a robotic self-balancing platform that will be operated by an advanced high-speed control system. This will bring process control to a new level modeled on cutting edge work by companies such as Boston Dynamics and SpaceX. Many processing plants use similar control systems and are moving in this direction.

Bergum, Amelia

Title: Poetry Reading

Faculty Mentor: Tami Haaland

Major: English Education

Project Narrative: Students will read a selection of poems written for their Poetry Writing class this semester. The reading is designed to appeal to a broad audience.



Bieber, Amy

Title: Forecasting Sales Revenues Using Multivariate Analysis

Faculty Mentor: Salem Boumediene

Major: Business – Accounting & Finance

Project Narrative: Using multiple regression analysis, we analyzed historical sales data in order to forecast future sales. Our analysis identified both seasonal and trend patterns within the data. We were then able to determine the possible causes of these patterns.

Bone, Aubyn

Title: Key & Peele's Girl Power: How bell hooks Might Respond

Faculty Mentor: Melissa Boehm

Major: Mass Communication

Project Narrative: This project interprets domination and feminism in the comedy sketch show *Key & Peele* through the philosophies of author and activist bell hooks. It is through the multiple lenses of sexism, racism, class, elitism, capitalism, and heterosexism that we must look to understand our current culture. Bell hooks would encourage individuals to look critically at the media through the multiple lenses of white supremacist capitalist patriarchy.

Bush, Michael

Title: Star Wars: The Force Rebranding

Faculty Mentor: Melissa Boehm

Major: Mass Communications

Project Narrative: Thirty-eight years ago George Lucas produced the first *Star Wars* movie that spawned one of the largest media movements in history. This project analyzes ten commercials related to the *Star Wars* franchise, and many of the samples exhibit trends in advertising technique in the way they are produced and whom they target.

Canen, Kendra

Title: Why do Probation Officers Think their Probationers Re-offend?

Faculty Mentor: Jennifer Scroggins

Major: Criminal Justice

Project Narrative: This project discovers probation officers' perspectives on why they think their probationers re-offend. I contacted the Billings Probation and Parole office to recruit a minimum of 15 participants. I used a semi-structured interview research method to interview the participating probation officers.

Casey, Mehmet

Title: *Edward Scissorhands*' Normalization: A Snippet of Foucault's Governing Rules

Faculty Mentor: Melissa Boehm

Program: M.S. Public Relations

Project Narrative: This project explores Michel Foucault's theoretical concepts of the governing rules and power of normalization within the film *Edward Scissorhands*. This film exemplified the uniqueness and commonality that were experienced in real day-to-day life by a variety of individuals whether it is sex, gender, religion, race, personal life style, artistic views, talent, status, distinct perspective, or stand-alone behavior.

Christensen, Kasie

Title: Foot-strike Hemolysis in Competitive Female Collegiate Basketball Athletes

Faculty Mentor: Alex Shafer

Major: Health and Human Performance

Project Narrative: This project tested eleven female MSUB basketball participants both before and after an open gym practice to determine the effect of the foot-strike in hemolysis with these athletes. Methods included a urinalysis and small blood sample to determine the effects before and after.

Eashappie, Fallon

Title: Sticks and Stones: Do Nicknames and Name-calling Experiences in Childhood Affect the Adult Self-image?

Faculty Mentor: Jennifer Scroggins

Major: Criminal Justice

Project Narrative: The purpose of this study is to evaluate whether or not experiences with affectionate and/or insulting nicknames and name-calling in childhood has effects on the current adult self-image. Data were collected from a convenience sample of MSUB students using a self-administered survey.

Eckart, Shelby

Title: Oil Seed Press

Faculty Mentor: Andrew Sullivan

Major: Process Plant Technology

Project Narrative: A procedure that doubles the efficiency of an oil press processing camelina seed was developed. Limited information and variable oil seed composition are challenges to efficient oil extraction that is a foundation for an economically viable plant.

Erickson, Elery

Title: Forecasting Sales Revenues Using Multivariate Analysis

Faculty Mentor: Salem Boumediene

Major: Business – Accounting & Finance

Project Narrative: *See page 3, Bieber*

Esteves, John

Title: Where is the Crime?

Faculty Mentor: Jennifer Scroggins

Major: Criminal Justice, Sociology

Project Narrative: The purpose of this project was to gather information on perceptions of crime from citizens of the Billings community. I went about this by developing and gathering survey data from residents of the community. It is my hypothesis that there will be some similar correlation between what residents perceive and what the crime statistics show.



Fitzgerald, Sean

Title: Three Decades of Advertising: A Textual Analysis of Gender Roles in Video Game Advertisements

Faculty Mentor: Melissa Boehm

Major: Mass Communications

Project Narrative: Video game advertisements over the last thirty years have been primarily a boy's club. However, prior to the video game industry crash of 1983, games were advertised as an activity for the entire family, which is something we're only beginning to see again during recent years. For each advertisement, this project conducts a textual analysis of the following points: the plot; the theme; linguistic devices; the role of the product; the actions of the actors; the actors themselves; the technical aspects of the text such as lighting, color, music, etc.; and the target audience.

Gipson, Marcus

Title: The Walking Feminists: Media Critique of *The Walking Dead* Through the Theories of bell hooks

Faculty Mentor: Melissa Boehm

Major: Public Relations

Project Narrative: This project demonstrates how the theory "white supremacist capitalist patriarchy" (hooks, 2004) is exemplified in the series *The Walking Dead* by AMC. Hooks' critique on society and domination through ideals is evident in the first season of this popular television series. This research highlights evidence of ideology, violence, and white supremacist capitalist patriarchy that hooks' theories suggest in one of America's most watched television dramas.

Glossip, Kristie

Title: Do MSUB Students Think Stricter Gun Control Policies will Lower Our Crime Rate?

Faculty Mentor: Jennifer Scroggins

Major: Criminal Justice, Sociology

Project Narrative: The purpose of this study is to determine what the students of MSUB think about our current crime rate and if stricter gun control laws will help to lower it. Data was collected using a self-administered survey.

Goodburn, Adam

Title: Arduino Self-Balancing Robot

Faculty Mentor: Andrew Sullivan

Major: Processs Plant Technology

Project Narrative: *See page 2, Baker*

Gray, Zachary

Title: A Semiotic Analysis of YG's "Who Do You Love"

Faculty Mentor: Melissa Boehm

Major: Mass Communications

Project Narrative: This study analyzes the rapper YG's music video "Who Do You Love," capturing the artist's attitudes toward gender, race and materialism through a semiotic analysis of lyrics and characters.

Hergenrider, Lawna

Title: Love and Romance on *The Bachelor*: A Proppian Analysis

Faculty Mentor: Melissa Boehm

Major: Mass Communications

Project Narrative: The show *The Bachelor* is about a single man in search of true love. Over the course of 7 weeks, the bachelor and contestants travel to exotic islands and all over the U.S., leading to a marriage proposal by the bachelor. Utilizing two episodes from season 20 with beach settings, I analyzed if these settings portray love as more intense or false, including how the contestants perceive these settings.

Holbrook, Conner

Title: Idaho Anadromous Fish Snorkel Research

Faculty Mentor: Jim Barron

Major: Biology

Project Narrative: This research presents the results of anadromous fish population surveys conducted via snorkeling in McCall, Idaho. Research was conducted with the Idaho Department of Fish and Game in order to monitor fish habitats and gather population estimates.

Hughes, Christopher

Title: Gender in *Neon Genesis Evangelion*: A Textual Analysis

Faculty Mentor: Melissa Boehm

Major: Communication and Theatre

Project Narrative: *Neon Genesis Evangelion* is an anime produced by Studio Gainax and directed by Hideaki Anno. At first, it presents itself as a typical "Giant Robot" series, but eventually delves into themes regarding the dichotomy between the harmful nature of relationships and the necessity of them in order to bring fulfillment into our lives. I did a textual analysis of this series to find ways in which gender plays a role in the narrative and relations of each character. Characters' gender roles are either subverted or played completely straight with many dark and unnerving consequences.

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Hughes, Christopher

Title: *Final Fantasy IX* Through the Eyes of bell hooks

Faculty Mentor: Melissa Boehm

Major: Communication and Theatre

Project Narrative: This project has taken the video game *Final Fantasy IX* and looked into ways that bell hooks' philosophy plays a role in the narrative. I looked at what bell hooks defines as "domination" and "love," as well as examples of how sexuality and power are played with and subverted. In the game, the most powerful military force on the continent is run by a matriarchy, and one male character is far more sexualized than the women in the cast. As each character searches for self-discovery, gender expectations and roles are subverted subtly yet prominently in the ways these characters develop and interact.

Ivanova, Miglena

Title: 12 Alternative Treatments in Addition to the 12-Step Program

Faculty Mentor: Laura Harper

Major: Psychiatric Rehabilitation

Project Narrative: This research focuses on addiction and possible alternatives to accompany the universal 12-step program. My goal is to present what other possible and modern treatment plans could be developed particularly to the individual specific issues and needs—from animal-assisted and yoga therapies to coloring and meditation.



Killsback, Emily

Title: Misperceptions of an Indian Princess in Disney's *Pocahontas*

Faculty Mentor: Melissa Boehm

Major: Liberal Studies

Project Narrative: I conducted my research on Native American gender roles and history and the misconceptions of Native Americans that mass media presents to their audiences. The text from the corporate giant Disney film *Pocahontas* is a good example of the misunderstanding of Native American culture that mass media gives to their target audiences.

Kling, Desiree

Title: Poetry Reading

Faculty Mentor: Tami Haaland

Major: English

Project Narrative: *See page 2, Bergum*

Knust, Daniel

Title: Mobile Crime Breeders: Fact or Fiction

Faculty Mentor: Jennifer Scroggins

Major: Criminal Justice, Sociology

Project Narrative: I set out to find out if there is more crime that is committed in mobile home communities than other residential areas and what type of crime is predominant in these areas. I interviewed a number of Billings police officers and Yellowstone County Sherriff deputies to answer my research question.

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Lavenger, James

Title: What Patterns of Drug Use do MSUB Students Report?

Faculty Mentor: Jennifer Scroggins

Major: Sociology

Project Narrative: I conducted survey research to better understand the drug use patterns of MSUB students. I examined whether factors such as sex, age and other drug use impacted self-reported drug use behaviors.

Lewis, Breanne

Title: The Super Mom

Faculty Mentor: Jennifer Scroggins

Major: Criminal Justice, Sociology

Project Narrative: The purpose of this research is to determine whether there is a relationship between the work status (working versus stay-at-home) of an individual's mother and whether that individual feels mothers should work outside the home or stay home with their children. The data was collected by using a random sampling technique, which included students from each of the four colleges on MSUB's main campus.

Lindquist, Austin

Title: Dora the Explorer: As Seen Through the Eyes of Jean Baudrillard

Faculty Mentor: Melissa Boehm

Major: Mass Communications

Project Narrative: This project examines the hit television show *Dora the Explorer* in relation to theorist Jean Baudrillard's concept of cultural commodification. The research highlights how the show creates gender oriented stigmas, suppresses children's creative thought, and pressures parents into buying products for their children.

Lubieniecki, Dana

Title: Effect of Positive and Negative Words on Performance of a Timed Bike Test

Faculty Mentor: Alex Shafer

Major: Health and Human Performance

Project Narrative: This is a quasi-experimental crossover study to determine the effect of positive and negative words on performance of a timed bike test in apparently healthy, college-aged males and females. Participants in this project rode an ergometric bike for as long as possible under high resistance in the presence of either positive or negative words. It was expected that positive words increase motivation and cause the biker to go for a longer amount of time than the negative words.

Malone, Brittany

Title: Is There a Relationship Between Self-Reported Alcohol Consumption and GPA?

Faculty Mentor: Jennifer Scroggins

Major: Criminal Justice

Project Narrative: This study presents the results of a survey correlating students' personal experiences with alcohol consumption and higher/lower college GPAs; the study's purpose is to determine whether or not "partying" has an effect on overall academic performance.

Mannion, Gerard

Title: Opinion of Courtroom Bias

Faculty Mentor: Jennifer Scroggins

Major: Criminal Justice

Project Narrative: This project provides survey information about the public opinion of bias within the courtroom. It will provide details of how prevalent the public feels bias is and if they feel like the judicial system can adequately seek justice.

Marquez, Alonzo

Title: The Return of Foucault: *Doctor Who* Analyzed Through Michel Foucault

Faculty Mentor: Melissa Boehm

Major: Mass Communications

Project Narrative: This presentation describes Michel Foucault's theory of discursive formation as it relates to the stigma surrounding mental illness. The discursive formation was used with the popular BBC series *Doctor Who*, specifically the episode "Vincent and the Doctor." Foucault's theory was specifically used to analyze the mental illness of the character Vincent Van Gogh in *Doctor Who* and other characters' responses and reactions to his mental illness.



Maxwell, Stephanie

Title: Analysis of Inhibitors in Mountain Pine Bark Beetle Symbionts

Faculty Mentor: Kurt Toenjes

Major: Biology

Project Narrative: Mountain pine bark beetles are a significant cause of damage to our forests in the Western US. The goal of my work is to better understand the role that mountain pine bark beetle symbionts play in this problem. We hope that by understanding this role we can better manage future pine beetle outbreaks.

McCann, Noah

Title: Klingons, Kirk, and Uhura: A Textual Analysis of the Portrayals of Race and Interracial Interaction in the Original *Star Trek* Series

Faculty Mentor: Melissa Boehm

Major: Organizational Communications

Project Narrative: For this project, I analyzed three episodes of the original *Star Trek* series in order to learn more about the ways that *Star Trek* addressed race and related issues. Each of these episodes addresses different aspects of race and racism. I conducted a textual analysis of these episodes, focusing on the plot, linguistic devices, theme, and actors and actresses in each episode. I found that each episode employed different linguistic devices and story lines to address issues related to race (such as prejudice and hatred against other races) in a variety of different situations.

McConnell, Kayleigh

Title: Online Date: A Black and White Issue?

Faculty Mentor: Jennifer Scroggins

Major: Criminal Justice, Sociology

Project Narrative: I conducted a content analysis of the racialized language written into profiles on the online dating site *OKCupid*. I did this research to determine if there is a relationship between race and the use of racialized language on profiles and if the type of racialized language (whether it is positive or negative) varies by racial group.

McLeod, Samantha

Title: Breaking Down the Unbreakable: *The Unbreakable Kimmy Schmidt* Through the Eyes of bell hooks

Faculty Mentor: Melissa Boehm

Major: Organizational Communications

Project Narrative: This project provides an overview of the show *The Unbreakable Kimmy Schmidt*, the premise as well as the characters, through the eyes of bell hooks. Feminism is an overarching theme of the show, but will bell hooks see it that way?

McNeil, Miranda

Title: Rural Access to Quality Online Mathematics Lessons

Faculty Mentor: David Snow

Major: Elementary Education, Mathematics Teaching Option

Project Narrative: This study provides insight into the quality of lesson plans available online for use by rural teachers. The authors rated 239 posted lesson plans in terms of potential for student engagement. Only half of lessons sampled reveal that student cognitive engagement is being given at least some emphasis in lesson designs.

McNeill, Vanessa

Title: Suicidal Ideation in Rural Montana and the Associations with Social Isolation and Stigma

Faculty Mentor: Sarah Keller

Program: M.S. Psychology

Project Narrative: *See page 11, Neva*

McNeill, Vanessa

Title: Prenatal Cocaine Exposure, Respiratory Sinus Arrhythmia, and Subsequent Behavior Problems by Age 7

Faculty Mentor: Brent Finger

Program: M.S. Psychology

Project Narrative: Multivariate analysis was performed using SPSS to examine potential pathways to psychopathology. Looking at a longitudinal dataset provided by the Research Institute on Addictions in Buffalo New York, prenatally cocaine exposed children were followed from birth to the second grade. Respiratory sinus arrhythmia, a widely discussed physiological regulation index within the developmental psychology literature, was contrasted with carefully selected controls. Moderators influencing child behavior problems by second grade were also examined, including exposure to violence, gender, home environments, and parenting behaviors.

McRae, Catherine

Title: Direwolves, Dragons, Daenerys & Foucault

Faculty Mentor: Melissa Boehm

Major: Mass Communications, Public Relations

Project Narrative: The television show *Game of Thrones* illustrates the complexity of the human condition as well as the power structures and subtle social controls that are at work in society by providing a “snow globe”-style environment in which to explore the theories of Michel Foucault. There are several characters within the show that exhibit ‘madness’, prior to its medical transformation, and the variation in the tapestry of life within the over 150 major characters in *Game of Thrones* showcases these systems at work.

Mendenhall, Thomas

Title: Poetry Reading

Faculty Mentor: Tami Haaland

Major: English

Project Narrative: *See page 2, Bergum*

Mitchell, Heather

Title: The Residual Effects of the Oil and Gas Industry of the Bakken in Eastern Montana

Faculty Mentor: Susan Gilbertz

Major: Environmental Studies

Project Narrative: The opinions and views of landowners and officials regarding the effects of the oil and gas industry will be discussed, along with state and federal agencies that permit and regulate the industry.



Mixon, Misha

Title: Instructional Design in Online Music Coursework

Faculty Mentor: Jeremiah Gee

Program: M.Ed. Online Instructional Technologies

Project Narrative: This presentation shows how utilizing online instructional design can increase the accessibility of music education for disenfranchised learners. Online music education opens opportunities for special populations and for connecting students within the music community. This presentation is given with special considerations to MSU Billings and the educational facilities within the Montana Department of Corrections.

Moncada, Brooke

Title: The Roles of Masculinity and Femininity as Portrayed by NSYNC

Faculty Mentor: Melissa Boehm

Major: Mass Communications, Music Business

Project Narrative: This project examines the ways in which gender is represented as well as stereotyped through the lyrics and music videos of 'Nsync. I chose to conduct a textual analysis of the lyrics and music videos—focusing on the depiction of relationships between the singers and women in the videos—of three singles from their most popular album “No Strings Attached.”

Nelstead, Craig

Title: Are You Ready for Some (Fantasy) Football? Jean Baudrillard and *The League*

Faculty Mentor: Melissa Boehm

Major: Mass Communications

Project Narrative: This project will analyze the television show *The League* according to the theories of Jean Baudrillard. I will use concepts from his book *Simulacra and Simulations* to analyze how the characters in the show allow their fantasy football league to become their reality.

Neva, Kristin

Title: Suicidal Ideation in Rural Montana and the Associations with Social Isolation and Stigma

Faculty Mentor: Sarah Keller

Program: M.S. Psychology

Project Narrative: Content analysis from three years of *Let's Talk* theater productions identified themes expressed by Eastern Montana youth about suicide and suicidal ideation. The results demonstrated that stigma against mental illness is a significant barrier to help-seeking and a significant factor of suicide. The cyclical relationship identified between stigma, social isolation and mental illness may indicate future areas for research on suicide prevention.

Niesen, Mikayla

Title: Oil Seed Press

Faculty Mentor: Andrew Sullivan

Major: Process Plant Technology

Project Narrative: *See page 4, Eckart*

Norris, Virginia

Title: Video Game Addiction

Faculty Mentor: Jennifer Scroggins

Major: Sociology

Project Narrative: With the addition of Internet Gaming Disorder to the DSM-5, there has been an increased interest in the possibility of adding video games as an addiction. My study looks at the concern for video game addiction from the perspective of MSU Billings students and compares this with current research.

Oldham, Kaydee

Title: *The Great Gatsby* & the American Dream: A Semiotic Analysis

Faculty Mentor: Melissa Boehm

Major: Public Relations

Project Narrative: The "American Dream" of love, faith, and wealth is demonstrated in Baz Luhrmann's dramatic 2013 adaptation of *The Great Gatsby*. In this movie, social status and materialism are two important themes that show the cruel obsession society has with money. This project was used as a way to look into what effects wealth and status can potentially play into society and self-esteem. The method used for this research project is a media and textual analysis, which was used to examine the movie's plot, fashion and costumes choices, and target audience.

Oldham, Kaydee

Title: Baudrillard's Commodification of Culture in *The Great Gatsby*

Faculty Mentor: Melissa Boehm

Major: Public Relations

Project Narrative: Luhrmann's 2013 adaptation of *The Great Gatsby*'s storyline revolves around the desire to live the American Dream. For this analysis, I explored philosopher Jean Baudrillard's ideas on the commodity of culture and hyperreality to make connections to *The Great Gatsby*. After researching the power of money, I found that Baudrillard would view the storyline of *The Great Gatsby* as a flawed way to obtain the American Dream.

Palmer, Kayle

Title: Academic Success in Various Forms Between Student Athletes and Their Non Athlete Counterparts

Faculty Mentor: Jennifer Scroggins

Major: Criminal Justice, Sociology

Project Narrative: My purpose is to see if student athletes have more drive for success than their non-athlete counterparts. I created a survey to ask several questions about their academic progress in college. I approached students and athletes in the MSUB athletic facilities and dormitories.

Parcell, Sierra

Title: Poetry Reading

Faculty Mentor: Tami Haaland

Major: Liberal Studies

Project Narrative: *See page 2, Bergum*

Pratt, Samantha

Title: Drugs, Drinking, and Work: A Proppian analysis of *Workaholics*

Faculty Mentor: Melissa Boehm

Major: Public Relations

Project Narrative: This project is a media analysis on the Comedy Central television program, *Workaholics*. The term “workaholic” often makes people think of hard-working, motivated people who take their jobs seriously. This series subverts those expectations and instead focuses on drug use, drinking, and slacking off at work. The Proppian analysis method was used for furthering my overview of the television series.

Preeshl, Katie

Title: Racial Portrayals in *Straight Outta Compton*: A Content Analysis

Faculty Mentor: Melissa Boehm

Major: Mass Communications

Project Narrative: An analysis of the oppositions of Propp’s functions through the film *Straight Outta Compton*. I studied the portrayals of the people and objects that are the so-called “villains” or “heroes” in the film. I set up nine categories of things that I found to be morally incorrect in the eyes of society and counted how many different times something occurred in each category.

Pulse, Victor

Title: Oil Seed Press

Faculty Mentor: Andrew Sullivan

Major: Process Plant Technology

Project Narrative: *See page 4, Eckart*

Rakow, Jasmine

Title: Teaching and Training Using Conceptual Learning Styles

Faculty Mentor: Melinda Tilton

Major: Organizational Communication

Project Narrative: This project investigates conceptual learning and its benefits within educational and employment settings.

Red Tomahawk, Jacey

Title: Gender Representation in *Colombiana*: A Proppian Analysis

Faculty Mentor: Melissa Boehm

Major: Liberal Studies

Project Narrative: This project was based on gender representations in the movie *Colombiana*, where the leading character is a female assassin. These are unlikely traits for a woman to have in a movie as well as being the leading role. It’s important for media to show that women can portray characters society isn’t familiar with. The research method used to analyze gender representation in this movie was a media and textual analysis.

Red Tomahawk, Jacey

Title: Bell hooks Takes a look at Beyoncé’s Brand of Feminism

Faculty Mentor: Melissa Boehm

Major: Liberal Studies

Project Narrative: This project relies on bell hooks’ concept of feminism to analyze Beyoncé and her brand of feminism. Areas of difference between the two self-proclaimed feminists will be discussed.

Reiter, Adam

Title: MSUB Students' Knowledge of Motorcycle Clubs

Faculty Mentor: Jennifer Scroggins

Major: Criminal Justice, Sociology

Project Narrative: I sought to find out what students and residents thought about motorcycle clubs in Billings. Participants were surveyed on if motorcycle clubs were residing in Billings and what sort of reputation they have. The focus of this research ultimately underlined if motorcycle clubs are negative or positive to a community.

Reuber, Nilsa

Title: Get (In) Formation to Upgrade: The Changing Image of Beyoncé Knowles

Faculty Mentor: Melissa Boehm

Major: Liberal Studies

Project Narrative: Beyoncé Knowles is a powerful figure in the music business. I want to discover whether her portrayals through music videos are authentic and send an esteem-bolstering message to women.

Through this project, I suspect that the social controversies created by her music and visual presentations are simply a savvy business gambit.

Reuber, Nilsa

Title: Non-violence in Righteous Anger: Simone and hooks

Faculty Mentor: Melissa Boehm

Major: Liberal Studies

Project Narrative: The musician Nina Simone was one of the most driven and insistent voices of the Civil Rights Movement. bell hooks, the writer and rhetorician, has extensively explored the ideas of love, rage, non-violent protest and the oppressive presence of the white supremacist capitalist patriarchy. I researched how hooks would dissect and interpret Simone's work by analyzing two of her Civil Rights protest songs. I found that Simone's rage drove her creativity, and she could not come to accept love and non-violence as the way to heal her anger about civil rights and the structure of the white supremacist capitalist patriarchy.

Riffeser, Guido

Title: Underrepresentation and Marginalization of Race and Class: *Coach Carter* and bell hooks Theory

Faculty Mentor: Melissa Boehm

Program: M.S. Public Relations

Project Narrative: My project looked at racial, social and class inequalities in the movie *Coach Carter* through the perspective of author and activist bell hooks. Bell hooks criticized media's ideology of domination and power through white supremacist capitalist patriarchy. The findings indicated that *Coach Carter* promoted domination and subjugation of underrepresented, marginalized people.

Scharfe, Katie

Title: Attitudes and Awareness of Financial Fraud Against the Elderly

Faculty Mentor: Jennifer Scroggins

Major: Criminal Justice

Project Narrative: An observation of the attitudes and awareness of MSU Billings students about financial fraud against the elderly. Using a self-administered survey distributed in various classrooms throughout MSU Billings, students responded with their personal opinions and awareness on financial fraud against the elderly, if it is a growing problem, and if the punishment is a sufficient deterrent.



Sokolinski, Devin

Title: Oil Seed Press

Faculty Mentor: Andrew Sullivan

Major: Process Plant Technology

Project Narrative: *See page 4, Eckart*

Sorenson, Carissa

Title: Is Hillary a Bitch?: A Content Analysis of Political News Coverage

Faculty Mentor: Jennifer Scroggins

Major: Criminal Justice, Sociology

Project Narrative: My research examines if the use of gendered language in political news coverage varies based on the political sway of the news source. I conducted a content analysis of the political news coverage of Hillary Rodham Clinton's campaign for the 2016 presidential election from a self-declared liberal news source and a self-declared conservative news source in order to determine if the sway of the news source influenced the amount of gendered language used.

Staples, Shelby

Title: Regulation of CaBP7 in IKAP deficient mice

Faculty Mentor: Lynn George

Major: Biology

Project Narrative: The goal of our project is to determine whether the translation of mRNA transcripts with specific nucleic acid contents is regulated by the elongator complex. We are using a mouse model, in which elongator is ablated, to answer this question. We are using the techniques of immunohistochemistry and western blot to quantify protein levels in knockout and control mice embryos.

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Stoddard, Gregory

Title: Portrayals of Technological Advancement in *Chrono Trigger*: A Textual Analysis

Faculty Mentor: Melissa Boehm

Major: Liberal Studies

Project Narrative: This project conducts a textual analysis of *Chrono Trigger's* in-game dialogue, narrative text, and other relevant audiovisual details. Because audiovisual details are also correlated with media aesthetic analysis, aspects of both research methods will invariably be presented. More specifically, I will gather thematic examples while playing the game and reviewing various aggregated information guides.

Stover, Jessica

Title: Nerds, Women, and Men: A Semiotic Analysis of *The Big Bang Theory*

Faculty Mentor: Melissa Boehm

Major: Sociology, Organizational Communication

Project Narrative: *The Big Bang Theory*, created by Chuck Lorre and Bill Prady, is a situational comedy produced by CBS that has aired for nine seasons. I used a textual analysis, as explained by Berger, to find themes of stereotyping nerds/geeks and how gender is portrayed in *The Big Bang Theory*. While watching selected episodes of season five, I found several instances of sexism, gender stereotypes, and nerd stereotypes.

Talkington, Julissa

Title: Mental Illness, *Prison Break*, and Foucault

Faculty Mentor: Melissa Boehm

Major: Public Relations

Project Narrative: Using the views formulated to better understand the concepts at work in prisons consisting of control and punishment, I have analyzed mental illness amongst prisoners as well as the power structures that control their lives in the television series *Prison Break*. Focusing on *Prison Break* has allowed me to explore these concepts in a series that is a representation of the real-world conditions that sometimes exist within prison life.

Tellez, Taylor

Title: A Liberated Black Female Body: bell hooks' Theories as They Apply to Beyoncé

Faculty Mentor: Melissa Boehm

Major: Mass Communications

Project Narrative: For my study, I analyzed the music videos of Beyoncé Knowles and used the works of rhetorical theorist bell hooks to determine if Beyoncé is liberating the black female body. For this, I used bell hooks' other essays to examine female sexuality and racism as means to start a social movement. The analysis of Beyoncé's media texts can easily be recapitulated as her being a terrorist toward the feminist movement.

Timoteo, Maddison

Title: Bell hooks: A "Gladiator" of Feminism

Faculty Mentor: Melissa Boehm

Program: M.S. Public Relations

Project Narrative: In America we have created a society ruled by subconscious classifications, where certain genders, races and classes are not considered equal. Even today we experience sexism, racism and hierarchy amongst classes after making strides to eliminate bigotry. For this project I examined the popular television show *Scandal* using bell hooks' theories of feminism. Olivia Pope and bell hooks have many similarities in their views on feminism and equality for all races, genders, culture, and social classes.

Toon, Kevin

Title: Athlete Reporting Behaviors after Injuries

Faculty Mentor: Jennifer Scroggins

Major: Criminal Justice

Project Narrative: The objective of this study is to understand injury reporting behaviors among athletes at MSUB by analyzing results of a self-administered survey handed out to athletes at MSUB.

Trueblood, Jinise

Title: Do Ratings of Perceived Stress Reflect Physical Exertion?

Faculty Mentor: Russ Lord

Major: Health & Human Performance

Project Narrative: The goal of this study is to investigate the relationship between perceived stress and ratings of physical exertion in highly active and inactive populations. Results may provide insight into self-efficacy for exercise between groups or suggest additional proxy measures for exertion in exercise physiology.



Trumpower, Shayla

Title: The Reconfigured Hero

Faculty Mentor: William Kamowski

Major: English

Project Narrative: This project examines how Greek and Roman mythology influences J.K. Rowling's Harry Potter series. This includes a close look at the main character, Harry Potter, as being in the traditional vein of heroic qualities.

Tuss, Morgan

Title: CBS Venturas into Vilification: A Semiotic Analysis

Faculty Mentor: Melissa Boehm

Major: Mass Communications

Project Narrative: "Number One New York Times Best Seller" spreads across the top of the famed autobiography, *American Sniper*. In Chris Kyle's first edition of this book, the veteran SEAL's rise to fame consequently caused the defamation of another American veteran - former Minnesota Governor and professional wrestler, Jesse Ventura. In a *CBS This Morning* interview, Ventura is harshly questioned about his morals over continuing a defamation lawsuit against Chris Kyle after his death in 2014. To analyze this interview, I used media and textual analysis throughout each segment, paying attention to the narrative aesthetics, linguistic devices, composure of the segment, and the questions they ask, which all appeal to how the audience interprets and absorbs the interview.

Van Tassel, Brandon

Title: Effects of cAMP on Induced Hyphal Growth in *C. albicans*

Faculty Mentor: Kurt Toenjes

Major: Biology

Project Narrative: *Candida albicans* is a human pathogen but also part of the normal microbiota. Cyclic AMP was used to study hyphal formation in *C. albicans* in various conditions. This is in hopes to further understand the signaling cascade in hyphal growth.

Waddingham, Myria

Title: Baudrillard's Commodity Culture: Fast Food Commercials and Unhealthy Eating

Faculty Mentor: Melissa Boehm

Major: Liberal Arts

Project Narrative: For my project I looked at a number of Carl Jr.'s, Hardees', and McDonald's commercials and noted the unrealistic portrayal of the actors eating the food, which exemplifies how hyper-reality and commodity culture have contributed to the obesity rate in the United States.

Waddingham, Myria

Title: The Fight Against Childhood Obesity: A Look a Junk Food Advertisement

Faculty Mentor: Melissa Boehm

Major: Liberal Arts

Project Narrative: I did my research on childhood obesity and the effect that fast food and sugary cereals have on our children today and how they are greatly influenced by television advertisement. Childhood obesity affects 17% of kids, many of whom grow up with health burdens that carry over much later in life.

Wade, Michael

Title: Poetry Reading

Faculty Mentor: Tami Haaland

Major: English

Project Narrative: *See page 2, Bergum*

Walters, Joseph

Title: Regulation of CaBP7 in IKAP deficient mice

Faculty Mentor: Lynn George

Major: Biology, Psychology

Project Narrative: *See page 15, Staples*

Wells, Nick

Title: Oil Seed Press

Faculty Mentor: Andrew Sullivan

Major: Process Plant Technology

Project Narrative: *See page 4, Eckart*

White, Haley

Title: Does the Mass Social Media Impact how MSUB Students Feel about Body Image?

Faculty Mentor: Jennifer Scroggins

Major: Sociology

Project Narrative: The purpose of this research is to find how much the mass social media affects or impacts MSUB's students and their feelings about body image, depression, and eating disorders. It is also important to see the different effects the media may have on men and women.

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White Plume, Talitha

Title: Disney Gender Stereotype

Faculty Mentor: Melissa Boehm

Major: Liberal Studies

Project Narrative: The focus of this project is gender differences portrayed in media. I did this by looking at animated films specific to Disney. Looking specifically at *Aladdin*, the gender stereotypes for males and females were reflected similarly to that of Hollywood.

Williams, Sarah

Title: Poetry Reading

Faculty Mentor: Tami Haaland

Major: English

Project Narrative: *See page 2, Bergum*

Zaremski, Rochelle

Title: Views of Addiction Among MSUB Students and Staff

Faculty Mentor: Jennifer Scroggins

Major: Criminal Justice, Sociology

Project Narrative: My project consisted of a self-administered survey trying to find if the way we view addictions varies by demographic characteristics. I surveyed students and staff of MSU Billings.



NORTHCUTT STEELE GALLERY

2016 Juried Student Show

Meliah Bell

UNTITLED #2

digital archival print

Karin Calabrese

My Best Sides

watercolor on Yupo

Neala Crasco

Fragrance

oil on canvas

Charis Craven

Already Going

acrylic on canvas

Samantha Finch

Cadillac Barbie

steel & mixed media

Shayla Fiscus

Social Networking

rope, chicken fencing, twine, hemp,
wire, steel rod (interactive)

Ruby Hahn

Water/Ice #1

acrylic/pen

Zachary Hinkle

A Balanced Breakfast

wood, steel, ceramic, plates & yarn

Carolina Lauver

Flamenco Dance

wood sculpture

Carolina Lauver

Memories 7

acrylic on wood

Amanda Losness

Turbulent Transition

photocollage

Katelynn Burg

Untitled

digital video

Karin Calabrese

Happy Death

Photoshop/digital print

Charis Craven

A Person Out of Place

acrylic on canvas

Charis Craven

The Car Drove Slowly Past

oil on board

Shayla Fiscus

Apocalyptic Rebirth

wearable metal wings

Cassie Francisco

Forgotten

mixed media

Kyle Hedden

Flag

sewn laminated sandpaper

Zachary Hinkle

Stone on Glass

marbles & glass

Carolina Lauver

Sunset Falling

acrylic on canvas

Amanda Losness

Drenched Development

photocollage

Bonny Beth Luhman

Repetition

Ceramic

Bonny Beth Luhman
Weight Off My Shoulders
ceramic

Fred Muller
Power
porcelain

Marshall Pentecost
Breathing New Life
wood/fire/water/putty

Stephanie Slavin
Lukpong
photography

Anastasia Swarthout
Secluded Tension
video

Wertman, Beth
Worried Sick
gouache on canvas

Patrick Williams
Logical Extreme
mixed media on watercolor board

Amy Mason
Finally Home
ceramics & keys

Marshall Pentecost
What If?
digital print on paper

Stephanie Slavin
Am I Beautiful Even As They Cut Into Me?
photography

Stephanie Slavin
Mani
photography

Levi Weeks
Reminiscent
oil on canvas

Patrick Williams
Fix
UV sublimation print on metal

Dylan Woods
For a Reasonable Salary I Would Wash the World
mixed media sculpture

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