4-8-2010

2010 Research Day Program

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Research Day 2010

Highlighting and recognizing graduate and undergraduate student research throughout all disciplines at the University of Northern Colorado.

University of Northern Colorado’s Annual Research Conference during Academic Excellence Week

April 8, 2010
University Center

Sponsored and facilitated by the Center for Honors, Scholars and Leadership and the Graduate Student Association
Direct questions or requests regarding Research Day and Academic Excellence Week to

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Acknowledgements

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Mariah Brothe
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Margaret Kelley
Michael Kimball
Stephen Mackessy
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Alicia Smith
Thomas Smith
Anita Solomon
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Academic Affairs
Academic Excellence Week Committee
Graduate School
Graduate Student Association
President’s Leadership Program
MAST Institute
McNair Scholars
Office of Sponsored Programs
School of Biological Sciences
Student Honors Council
Student Activities
Student Senate
University Scheduling and Events

Lunchtime Jazz provided by the UNC Jazz Quartet:

Joel Nagel, trombone
Ben Haugland, piano
Hayden Holbrook, drums
Marty Kenney, bass
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Research Excellence Awards

*New this year, the Research Excellence Awards seek to encourage and reward those presentations that exemplify the highest levels of excellence in research. Only limited presentations were accepted into the awards program, and each will be evaluated by a team of faculty. Awards will be presented to the top scoring posters and individual presenters within each of the two categories: Graduate and Undergraduate. The winners receive a $200 Barnes and Noble Gift Card.*

**Individual Oral Presentations**

Panorama Lounge

**Session 4 – 10:15 AM**
**Isolation, Serotonin, and Anxiety: An Animal Model of Anxiogenesis**
Discipline(s): Biological Sciences and Psychology
Faculty Sponsor(s): Mark P. Thomas
Presenter(s): Spindle, Michael S.

**Session 5 – 10:40 AM**
**I See the Roadmap: Experience of Students Retaking Calculus**
Discipline(s): Mathematics
Faculty Sponsor(s): Maria Lahman
Presenter(s): Dibbs, Rebecca-Anne

**Session 6 – 11:05 AM**
**Jefferson County: Waste Management and Landfill Perception**
Discipline(s): Geography
Faculty Sponsor(s): Charles Collins
Presenter(s): Linder, Zachary

**Session 7 – 11:30 AM**
**Message Posted: Perspectives of Formative Assessment within Online Graduate Courses.**
Discipline(s): Educational Mathematics
Faculty Sponsor(s): Hortensia Soto-Johnson
Presenter(s): Glassmeyer, David; Jensen, Tom

**Session 8 – 11:55 AM**
**An Analysis of Immigration-Related Depression: Correlations to Acculturation, Stressors, and Utilization Resources**
Discipline(s): Psychology, Sociology and Spanish
Faculty Sponsor(s): Kevin Pugh
Presenter(s): Baum, Sara
Session 9 – 1:00 PM
Irrational Ideation as a Precursor to Depression: The Use of Two Scales
Discipline(s): Psychology
Faculty Sponsor(s): Dr. Softas and Gary Elkins
Presenter(s): Walters, Meaghan

Session 10 – 1:25 PM
A Historical Evolution in Disney Animation
Discipline(s): Visual Arts
Faculty Sponsor(s): Michael Coronel
Presenter(s): White, Khadijah

Session 11 – 1:50 PM
The Perceived Utility of Precision Teaching Calculus
Discipline(s): Mathematics
Faculty Sponsor(s): Hortensia Soto-Johnson
Presenter(s): Dibbs, Rebecca-Anne; Yacoub, Wafa

Session 12 – 2:15 PM
Potential Therapeutic Use of Transforming Growth Factor-β for Treatment of Hantavirus Cardiopulmonary Syndrome
Discipline(s): Biology
Faculty Sponsor(s): William Schountz
Presenter(s): Flynn-James, Stephanie

Poster Presentations
Mt Evans and Pikes Peak Ballrooms

MORNING SESSION
10:00 AM- 11:30 AM

Children’s Self-identity and the Identity of Others
Discipline(s): Elementary Education
Faculty Sponsor(s): Deborah Romero
Presenter(s): Worrell, Shannon

How did the Political Regime of Peron Influence the Compositions of Astor Piazzolla and in turn, How did Piazzolla Influence Argentinean Culture during the Presidency of Peron with his Cuatro Estaciones Portenas (Four Seasons in Buenos Aires), with Particular Focus on his Fusion of Tango Nuevo Elements and Antonio Vivaldi’s Classical Four Seasons.
Discipline(s): Music
Faculty Sponsor(s): Janice Dickensheets
Presenter(s): Marin, Carlos

The Sociological Controversy Concerning the End of Life
Discipline(s): Sociology
Faculty Sponsor(s): Jeffrey A. Houser
Presenter(s): Beal, Danny; Kihthau, Nichole; Stelwagaon, Nicoletta
Effects of Endurance Training on Cardiotoxicity Induced by Combined Treatment with Doxorubicin and Goserelin Acetate
Discipline(s): Biological Sciences, Nursing, Rehabilitative Services and Sport and Exercise Science
Faculty Sponsor(s): Reid Hayward, David Hydock, and Carole Schneider
Presenter(s): Parry, Traci L.

LUNCHTIME SESSION
NOON - 1:30 PM

Analysis of Liquid Fuel Slosh During the Flight of a Sounding Rocket: SLOSHSAT
Discipline(s): Physics
Faculty Sponsor(s): Robert Walch
Presenter(s): Andorka, Sage; Sears, Zachary; Welsh, Dan; Woods, Maurice; Honda, Motoaki

Effective Literacy Instruction for Young English Language Learners: Components of the Ideal Learning Environment
Discipline(s): Elementary Education, Early Childhood Education and English as a Second Language
Faculty Sponsor(s): Kaye Holman, Susan Thompson, and Lindsey Guccione
Presenter(s): Ellis, Jessica

Investigating Food Preference and Avoidance of Two Bat Species (Carollia perspicillata and Artibeus jamaicensis) using Four Naturally Occurring Plant Compounds
Discipline(s): Biological Sciences
Faculty Sponsor(s): Rick Adams and Chhandak Basu
Presenter(s): Flynn, Dani; Shaw, Jason; Zwenger, Sam

AFTERNOON SESSION
1:30 PM -3:00 PM

Children’s Response to Literature Reflecting Middle-Eastern Characters and Culture
Discipline(s): Elementary Education
Faculty Sponsor(s): Suzette Youngs
Presenter(s): Mawlawi, Dena

The Effects of Gentamicin on the in vitro Erythrocytic Life Cycle of the Malaria Parasite Plasmodium Falciparum
Discipline(s): Biological Sciences
Faculty Sponsor(s): Susan Keenan
Presenter(s): Vincelette, Nicole

The Psychological Connection between Strengths and Study Skills in Non-Traditional Students
Discipline(s): Communication Studies, Psychology and Higher Education
Faculty Sponsor(s): Jennifer Griffin
Presenter(s): Beal, Danny
Honors Program Thesis Presentations

Students who have reached high levels of academic achievement may enter the Honors Program as incoming Freshmen, Current UNC Students or Transfer students. Encouraging original thinking and research, the Honors Program guides its students through a curriculum of interdisciplinary study, experiential learning, and independent research. All students who graduate with Honors from the program must submit an original thesis or creative capstone project and present their research in public. These students are completing their final requirements for the program. Congratulations!

Individual Oral Presentations

Session 1 – 9:00 AM
Spruce B
Patient Perceptions of the Physician Assistant Profession
Discipline(s): Biological Sciences and Social Science
Faculty Sponsor(s): Patrick Burns
Presenter(s): Czmowski, Kayla

Session 2 – 9:25 AM
Spruce B
A Model for Business & Corporate Social Responsibility: The Church of Jesus Christ of Latter-Day Saints
Discipline(s): Business Administration
Faculty Sponsor(s): Keiko Krahnke
Presenter(s): Risk, Patrick

Session 3 – 9:50 AM
Spruce B
Culture’s Effect on the Relationship Between the Leaders and the Led in 20th Century Russia
Discipline(s): Political Science
Faculty Sponsor(s): Professor Young and Stan Luger
Presenter(s): Kinsey, Joann

Session 5 – 10:40 AM
Spruce B
An Analysis between Alcohol Consumption, Reported Relationship Satisfaction and Interpersonal Violence in the College Population
Discipline(s): Psychology
Faculty Sponsor(s): Kristina Phillips
Presenter(s): Pinkney, Shannon
Session 6 – 11:05 AM
Panorama – RESEARCH EXCELLENCE AWARD PRESENTATION
Jefferson County: Waste Management and Landfill Perception
Discipline(s): Geography
Faculty Sponsor(s): Charles Collins
Presenter(s): Linder, Zachary

Session 7 – 11:30 AM
Aspen A
Culture to Explain International Relations Between France and the United States
Discipline(s): Political Science
Faculty Sponsor(s): Gregory Young
Presenter(s): Merle, Agathe

Session 8 – 11:55 AM
Panorama – RESEARCH EXCELLENCE AWARD PRESENTATION
An Analysis of Immigration-Related Depression: Correlations to Acculturation, Stressors, and Utilization Resources
Discipline(s): Psychology, Sociology and Spanish
Faculty Sponsor(s): Kevin Pugh
Presenter(s): Baum, Sara

Session 9 – 1:00 PM
Spruce B
Delis-Kaplan Executive Functions System Tower Test and Ability to Detect Malingering
Discipline(s): Psychology
Faculty Sponsor(s): Thomas Dunn
Presenter(s): Doyle, Zachary

Session 10 – 1:25 PM
Spruce B
Cupid and Commandments: Eroticism and Civic Duty in the Poetry of John Wilmot, the Second Earl of Rochester
Discipline(s): English and Liberal Arts
Faculty Sponsor(s): John Loftis
Presenter(s): Meyer, Trevor

Session 11 – 1:55 PM
Spruce B
"He Will Have Power the Dark Lord Knows Not:" Harry Potter and Lord Voldemort as Antitheses
Discipline(s): English
Faculty Sponsor(s): Veronica Patterson
Presenter(s): Shinners, Sarah
**Session 12 – 2:15 PM**  
Spruce B  
*Exploring Bilingual Syntax Assessment: Searching for an Effective Method*  
Discipline(s): Audiology & Speech-Language Sciences  
Faculty Sponsor(s): Ellen Meyer Gregg  
Presenter(s): Zachary, Adriane

**Session 13 – 2:40 PM**  
Spruce B  
*Aren Blondes Less Intelligent? Stereotype Threat and Hair Color*  
Discipline(s): Psychology  
Faculty Sponsor(s): Kevin Pugh  
Presenter(s): Smith, Alicia

**Session 14 – 3:05 PM**  
Spruce B  
*Lutheran Valley Ranch and Retreat: Past, Present and Future*  
Discipline(s): History  
Faculty Sponsor(s): Mary Borg  
Presenter(s): Koops, Jennifer

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**Poster Presentations**

*(For Honors Theses still in progress)*  
Mt Evans and Pikes Peak Ballrooms

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**Morning Session - 10:00am- 11:30am**  
The Capacity of the School Nurse in Primary Prevention of Childhood Obesity in Colorado  
Discipline(s): Nursing and Nutrition  
Faculty Sponsor(s): Priscilla Faulkner  
Presenter(s): Jeffries, Melissa

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**Lunchtime Session Noon-1:30pm**  
Effective Literacy Instruction for Young English Language Learners: Components of the Ideal Learning Environment  
Discipline(s): Elementary Education, Early Childhood Education and English as a Second Language  
Faculty Sponsor(s): Kaye Holman, Susan Thompson, and Lindsey Guccione  
Presenter(s): Ellis, Jessica

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**Afternoon Session 1:30pm- 3:00pm**  
The Effects of Gentamicin on the in Vitro Erythrocytic life cycle of the Malaria Parasite Plasmodium Falciparum  
Discipline(s): Biological Sciences  
Faculty Sponsor(s): Susan Keenan  
Presenter(s): Vincelette, Nicole
McNair Scholars Thesis Presentations

The McNair Scholars Program provides undergraduate research opportunities designed to prepare eligible juniors and seniors for graduate school. As a member of the federal TRIO family of programs, the McNair Scholars Program is dedicated to increasing access to doctoral education among currently underrepresented groups.

Individual Oral Presentations

Session 3
Spruce A
Risk-taking as Measured by the BART
Discipline(s): Community Health, Psychology and Sociology
Faculty Sponsor(s): Marilyn Welsh
Presenter(s): Stroup, Tia

Session 4
Panorama – RESEARCH EXCELLENCE AWARD PRESENTATION
Isolation, Serotonin, and Anxiety: An Animal Model of Anxiogenesis
Discipline(s): Biological Sciences and Psychology
Faculty Sponsor(s): Mark P. Thomas
Presenter(s): Spindle, Michael S.

Session 6
Spruce A
Culturally Unprepared: Examining Feelings of Preparation to Teach Culturally Diverse Populations Among Preservice Teachers
Discipline(s): Elementary Education
Faculty Sponsor(s): Quaylan Allen
Presenter(s): Douglas, Sataira

Session 7
Spruce A
The Effects of Facebook on Mental Health Issues
Discipline(s): Psychology
Faculty Sponsor(s): Thomas Dunn
Presenter(s): Severtson, Anthony

Session 8
Spruce A
The Influence of Family Socialization of the Racial Identity of African American Students
Discipline(s): Africana Studies and Sociology
Faculty Sponsor(s): Reo Leslie
Presenter(s): Mercadel, Ceta
Session 9
Spruce A
Message Retention and the Media
Discipline(s): Journalism
Faculty Sponsor(s): Karen Barton
Presenter(s): Mendes-Persson, Courtnee

Session 10
Panorama – RESEARCH EXCELLENCE AWARD PRESENTATION
A Historical Evolution in Disney Animation
Discipline(s): Visual Arts
Faculty Sponsor(s): Michael Coronel
Presenter(s): White, Khadijah

Session 11
Spruce A
Culture Condition Optimization for Dopamine Neurons for Mouse Brain Explants
Discipline(s): Biological Sciences
Faculty Sponsor(s): Mark Thomas
Presenter(s): Mieszala, Lauren

Session 12
Spruce A
Hello! Do You Speak English? Second Language Acquisition amongst Somali Refugees
Discipline(s): English and Linguistics
Faculty Sponsor(s): Kristin Bovaird-Abbo
Presenter(s): Valdez, Beatriz

Poster Presentations

Mt Evans and Pikes Peak Ballrooms

Morning Session - 10:00am-11:30am

Music Therapy and How It Affects the Behavior fo Children With Autism
Discipline(s): Special Education
Faculty Sponsor(s): Robin Brewer
Presenter(s): West, Tamara

Children's Self-identity and the Identity of Others
Discipline(s): Elementary Education
Faculty Sponsor(s): Deborah Romero
Presenter(s): Worrell, Shannon
Influences on the Adjustment Process of Mexican-origin College Students
Discipline(s): Sociology
Faculty Sponsor(s): Kyle Ann Nelson
Presenter(s): Infante, Michel

How did the Political Regime of Peron Influence the Compositions of Astor Piazzolla and in turn, How did Piazzolla Influence Argentinean Culture during the Presidency of Peron with his Cuatro Estaciones Portenas (Four Seasons in Buenos Aires), with Particular Focus on his Fusion of Tango Nuevo Elements and Antonio Vivaldi’s Classical Four Seasons.
Discipline(s): Music
Faculty Sponsor(s): Janice Dickensheets
Presenter(s): Marin, Carlos

Lunchtime Session Noon-1:30pm

Flavaspeak: Is It Grammar or A Race Matter?
Discipline(s): Africana Studies and Audiology/Speech Language Sciences
Faculty Sponsor(s): Travis Boyce
Presenter(s): Marin, Cheerish

College Students Experiences of Close Relationships
Discipline(s): Psychology and Sociology
Faculty Sponsor(s): Elizabeth Pascoe
Presenter(s): Byrd, Morgan

Afternoon Session 1:30pm-3:00pm

The Psychological Connection between Strengths and Study Skills in Non-Traditional Students
Discipline(s): Communication Studies, Psychology and Higher Education
Faculty Sponsor(s): Jennifer Griffin
Presenter(s): Beal, Danny

The Effects of Warfare on Young African American Army Wives
Discipline(s): Psychology, Sociology and Women’s Studies
Faculty Sponsor(s): Barbara Hawthorne
Presenter(s): Duncan, Stacy

Children’s Response to Literature Reflecting Middle-Eastern Characters and Culture
Discipline(s): Elementary Education
Faculty Sponsor(s): Suzette Youngs
Presenter(s): Mawlawi, Dena

Investigating The Role of Vitamin E In Cancer Prevention
Discipline(s): Dietetics
Faculty Sponsor(s): Alena Clark
Presenter(s): Anderson, Elizabeth
The School of Biological Sciences

Presents the

4th Annual
Graduate Student
Research Symposium

University Center Longs Peak Ballroom
9 AM – 5 PM

Undergraduate Research
Poster Presentations

University Center Mt Evans & Pikes Peak Ballrooms
Noon – 1:30 PM
Individual and Panel Presentations

April 8, 2010
9:00 AM – 3:30 PM
University Center
   Aspen Suites
   Columbine Suites
   Council Room
   Panorama Lounge
   Spruce Suites

Registration Opens at 8:30 AM
In the University Center Fireside Lounge
Each presenter must check-in to receive their participation certificate, complimentary lunch ticket, and Research Day program.
Panel & Individual Presentations

Session 1

9:00 AM – 9:20 AM

Aspen A

A National Analysis of Cigarette Smoking Predictors Based on Ethnicity and Gender for Adolescents into Adulthood
Discipline(s): Community Health
Faculty Sponsor(s): Deborah Givray
Presenter(s): Harrod, Curtis
Graduate presentation

Aspen B

Healing of Learning Anxiety in a Multicultural Setting
Discipline(s): Higher Education
Faculty Sponsor(s):
Presenter(s): Chen, Cheng-Kan
Graduate presentation

Aspen C

El retablo de las Maravillas: Reflexión de la sociedad española y preocupación de las nuevas formas literarias de la época
Discipline(s): Liberal Arts and Spanish
Faculty Sponsor(s): Efrain E. Garza
Presenter(s): Grammon, Devin
Undergraduate presentation

Columbine A

The Importance of Quantitative Reasoning Courses for University Students
Discipline(s): Mathematics
Faculty Sponsor(s): Maria Lahman
Presenter(s): Yacoub, Wafa
Graduate presentation
Columbine B

**Multiple Session Presentation – Session 1, 2**

Exploring Autoethnography as Research
Discipline(s): Research Methods
Faculty Sponsor(s): Maria Lahman
Presenter(s): Schmidt, Karen; Mendoza Brady, Bernadette; Wirta-Leiker, Chaitra; Schendel, Roland
Graduate presentation

Council

The Scavengers: Images from the Managua Municipal Trash Dump
Discipline(s): Visual Arts
Faculty Sponsor(s): Dennis Morimoto
Presenter(s): Burchett, Stephanie
Graduate presentation

Spruce A

Understanding What Counts: A Comparative Study of ESL and non-ESL Endorsed Teacher Candidates' Pedagogical Practices
Discipline(s): Elementary Education
Faculty Sponsor(s): Jenni Harding-Dekam
Presenter(s): Hamilton, Boni
Graduate presentation

Spruce B

Patient Perceptions of the Physician Assistant Profession
Discipline(s): Biological Sciences and Social Science
Faculty Sponsor(s): Patrick Burns
Presenter(s): Czmowski, Kayla
Undergraduate presentation

Spruce C

Chicano Identity in Films and Novels
Discipline(s): Mexican American Studies
Faculty Sponsor(s): Jungwon Park
Presenter(s): Vasquez, Sarah; Donalson, Antoinette; Stevens, Brittny; Gomez, Juan
Undergraduate presentation
Panel & Individual Presentations

Session 2

9:25 AM – 9:45 AM

Aspen A

Nurturing Skills for Families Affected by Disabilities
Discipline(s): Community Health
Faculty Sponsor(s): Deborah Givray
Presenter(s): Walter, Rachel
Graduate presentation

Aspen B

An Overview of the Language Education of Taiwanese Aborigines from Language Policy Aspect
Discipline(s): Language Policy
Faculty Sponsor(s):
Presenter(s): Chen, Cheng-Kan
Graduate presentation

Aspen C

Literatura española de protesta: La opresión como arte
Discipline(s): Sociology and Spanish
Faculty Sponsor(s): Efraín E. Garza
Presenter(s): Eshom, Kyle
Undergraduate presentation

Columbine B

**Multiple Session Presentation – Session 1, 2**

Exploring Autoethnography as Research
Discipline(s): Research Methods
Faculty Sponsor(s): Maria Lahman
Presenter(s): Schmidt, Karen; Mendoza Brady, Bernadette; Wirta-Leiker, Chaitra; Schendel, Roland
Graduate presentation
Council

Music as a Representation of Human Emotions
Discipline(s): Music
Faculty Sponsor(s): Marian Hesse
Presenter(s): McFarlane, Erydin
Undergraduate presentation

Spruce A

Chicano Heroes and Anti-Heroes (I)
Discipline(s): Spanish
Faculty Sponsor(s): Jungwon Park
Presenter(s): Carlisle, Jamie; Bowers, Chavonne; Benko, Laura; Hillier, Samantha
Undergraduate presentation

Spruce B

A Model for Business & Corporate Social Responsibility: The Church of Jesus Christ of Latter-Day Saints
Discipline(s): Buisness Administration
Faculty Sponsor(s): Keiko Krahnke
Presenter(s): Risk, Patrick
Undergraduate presentation

Spruce C

Cuentos Del Mundo Hispanico
Discipline(s): Spanish
Faculty Sponsor(s): Ester Gimbernat Gonzalez
Presenter(s): Roiko, Allison; Steitz, Andrew
Undergraduate presentation
Panel & Individual Presentations

Session 3

9:50 AM – 10:10 AM

Aspen A

The Children’s Hospital: A Study to Determine the Efficacy of Shaken Baby Syndrome Prevention Education for the Colorado Adolescent Maternity Program (CAMP)
Discipline(s): Community Health
Faculty Sponsor(s): Deborah Givray
Presenter(s): Winer, Tabria
Graduate presentation

Aspen B

Biotin-Avidin Rupture Force Determination Using Atomic Force Microscopy
Discipline(s): Chemistry
Presenter(s): Costello, Erica
Graduate presentation

Aspen C

Leyendo Poemas Hispanoamericanos
Discipline(s): Spanish
Faculty Sponsor(s): Ester Gimbernat Gonzalez
Presenter(s): Grammon, Devin; Jessee, Spencer
Undergraduate presentation

Columbine B

**Multiple Session Presentation – Session 3, 4**

Chicana/o Artistic Fantasies
Discipline(s): Mexican American Studies
Faculty Sponsor(s): Priscilla Falcon
Presenter(s): Aguilar, Rebecca; Lucia, Balderas; Carcellero, Frankie; Claudio, Jacob
Undergraduate presentation
Council

**Multiple Session Presentation – Session 3, 4**

Detecting Threat in Facial Displays: Exploring Unconscious Mechanisms
Discipline(s): Psychology
Faculty Sponsor(s): Eric Peterson
Presenter(s): Peterson, Eric; Baker, Crystal; Broeker, Nicholas
Team: Graduate, Undergraduate & Faculty presentation

Spruce A

Risk-taking as Measured by the BART
Discipline(s): Community Health, Psychology and Sociology
Faculty Sponsor(s): Marilyn Welsh
Presenter(s): Stroup, Tia
Undergraduate presentation

Spruce B

Culture’s effect on the relationship between the leaders and the led in 20th century Russia
Discipline(s): Political Science
Faculty Sponsor(s): Professor Young and Stan Luger
Presenter(s): Kinsey, Joann
Undergraduate presentation

Spruce C

Mexicanity and Marginal Subjects
Discipline(s): Spanish
Faculty Sponsor(s): Jungwon Park
Presenter(s): Ley, Jose; Samuels, Ashley
Undergraduate presentation
Panel & Individual Presentations

Session 4
10:15 AM – 10:35 AM

Aspen A

Healthy Snacks-Produce Initiative: A Collaborative Approach to Increasing Fruits and Vegetables in Afterschool Programs
Discipline(s): Community Health
Faculty Sponsor(s): Deborah Givray
Presenter(s): Testerman, Nora
 Graduate presentation

Aspen B

Volumes of Hyperballs and Areas of Hyperspheres
Discipline(s): Mathematics
Faculty Sponsor(s): Anton Dzhamay
Presenter(s): Woods III, Maurice; Neibauer, Nathan; Sears, Zachary
 Undergraduate presentation

Aspen C

"Bless Me Ultima": Bildungsroman and Chicano Hero
Discipline(s): Mexican American Studies
Faculty Sponsor(s): Jungwon Park
Presenter(s): Carter, Sean; Gomez, Juan; Salas, Jeri
 Undergraduate presentation

Columbine B

**Multiple Session Presentation – Session 3, 4**

Chicana/o Artistic Fantasies
Discipline(s): Mexican American Studies
Faculty Sponsor(s): Priscilla Falcon
Presenter(s): Aguilar, Rebecca; Lucia, Balderas; Carcellero, Frankie; Claudio, Jacob
 Undergraduate presentation
Council

**Multiple Session Presentation – Session 3, 4**

**Detecting Threat in Facial Displays: Exploring Unconscious Mechanisms**
Discipline(s): Psychology
Faculty Sponsor(s): Eric Peterson
Presenter(s): Peterson, Eric; Baker, Crystal; Broeker, Nicholas
*Team: Graduate, Undergraduate & Faculty presentation*

Panorama – RESEARCH EXCELLENCE AWARD PRESENTATION

**Isolation, Serotonin, and Anxiety: An Animal Model of Anxiogenesis**
Discipline(s): Biological Sciences and Psychology
Faculty Sponsor(s): Mark P. Thomas
Presenter(s): Spindle, Michael S.
*Undergraduate presentation*

**Spruce A**

**Multiple Session Presentation – Session 4, 5**

**Pre-Service Teachers' Encounters with English as a Second Language**
Discipline(s): Elementary Education and English as a Second Language
Faculty Sponsor(s): Deborah Romero
Presenter(s): Romero, Deborah; Elridge, Natasha; Orange, Andrea; Swenson, Julie
*Faculty & Undergraduate Team presentation*

**Spruce B**

**Case Study: An Exploration of a Qualitative Methodology Across Three Disciplines**
Discipline(s): Psychology, Education and Counseling
Presenter(s): Knickerbocker, Sara; Baldwin, Estee; Phillips, Catherine
*Graduate presentation*

**Spruce C**

**Multiple Session Presentation – Session 4, 5**

**Mixed Messages**
Discipline(s): Mexican American Studies
Faculty Sponsor(s): Priscilla Falcon
Presenter(s): Carter, Sean; Leach, Sara; Mata, Maggie; Magadelano, Rico
*Undergraduate presentation*
Panel & Individual Presentations

**Session 5**

10:40 AM – 11:00 AM

Aspen A

Culturally and Linguistically Appropriate Sexuality Education for Latinos: An Exploration
Discipline(s): Community Health
Faculty Sponsor(s): Deborah Givray
Presenter(s): Backlund Jarquin, Paige

*Graduate presentation*

Aspen B

Reports From The Earth System
Discipline(s): Earth Sciences
Faculty Sponsor(s): William Hoyt
Presenter(s): Horianopoulos, Nicholas; Steele, Travis

*Undergraduate & Graduate Team presentation*

Aspen C

**Multiple Session Presentation – Session 5, 6**

Children in Crisis: Some Family Studies Practicum Projects
Discipline(s): Sociology
Faculty Sponsor(s): Mel Moore
Presenter(s): Baum, Sara; McGuire, Emily

*Undergraduate presentation*

Columbine B

**Multiple Session Presentation – Session 5, 6**

Agencies Addressing Violence: Some Community Research
Discipline(s): Sociology
Faculty Sponsor(s): Mel Moore
Presenter(s): Graham, Kristin; Kapke, Alicia

*Undergraduate presentation*
Panorama – RESEARCH EXCELLENCE AWARD PRESENTATION

I see the roadmap: Experience of Students Retaking Calculus
Discipline(s): Mathematics
Faculty Sponsor(s): Maria Lahman
Presenter(s): Dibbs, Rebecca-Anne
Graduate presentation

Spruce A

**Multiple Session Presentation – Session 4, 5**

Pre-Service Teachers' Encounters with English as a Second Language
Discipline(s): Elementary Education and English as a Second Language
Faculty Sponsor(s): Deborah Romero
Presenter(s): Romero, Deborah; Elridge, Natasha; Orange, Andrea; Swenson, Julie
Faculty & Undergraduate Team presentation

Spruce B

An Analysis between Alcohol Consumption, Reported Relationship Satisfaction and Interpersonal Violence in the College Population
Discipline(s): Psychology
Faculty Sponsor(s): Kristina Phillips
Presenter(s): Pinkney, Shannon
Undergraduate presentation

Spruce C

**Multiple Session Presentation – Session 4, 5**

Mixed Messages
Discipline(s): Mexican American Studies
Faculty Sponsor(s): Priscilla Falcon
Presenter(s): Carter, Sean; Leach, Sara; Mata, Maggie; Magadelano, Rico
Undergraduate presentation
Panel & Individual Presentations

Session 6

11:05 AM – 11:25 AM

Aspen A

Predictability of Organic Student's Final Grades and Explorations into a Possible Cause of this Observed Trend
Discipline(s): Chemistry and Chemical Education
Presenter(s): Wasacz, Jodie
Graduate presentation

Aspen B

Atmospheric Image Distortion Correction with Paired Antennas
Discipline(s): Statistics and Astronomy
Presenter(s): Riggs, Jamie
Graduate presentation

Aspen C

**Multiple Session Presentation – Session 5, 6**

Children in Crisis: Some Family Studies Practicum Projects
Discipline(s): Sociology
Faculty Sponsor(s): Mel Moore
Presenter(s): Baum, Sara; McGuire, Emily
Undergraduate presentation

Columbine A

The Knowledge Undergraduates Think they need to Validate Geometry Proofs
Discipline(s): Mathematics
Faculty Sponsor(s): Hortensia Soto-Johnson
Presenter(s): Rozner, Sarah; Christopher, Brian; Malik, Soofia
Graduate presentation
Columbine B
**Multiple Session Presentation – Session 5, 6**

Agencies Addressing Violence: Some Community Research
Discipline(s): Sociology
Faculty Sponsor(s): Mel Moore
Presenter(s): Graham, Kristin; Kapke, Alicia
*Undergraduate presentation*

Panorama – RESEARCH EXCELLENCE AWARD PRESENTATION

Jefferson County: Waste Management and Landfill Perception
Discipline(s): Geography
Faculty Sponsor(s): Charles Collins
Presenter(s): Linder, Zachary
*Undergraduate presentation*

Spruce A

Culturally Unprepared: Examining Feelings of Preparation to Teach Culturally Diverse Populations Among Preservice Teachers
Discipline(s): Elementary Education
Faculty Sponsor(s): Quaylan Allen
Presenter(s): Douglas, Sataira
*Undergraduate presentation*

Spruce B
**Multiple Session Presentation – Session 6, 7, 8**

Fractals and Chaos
Discipline(s): Mathematics
Faculty Sponsor(s): Igor Szczyrba
Presenter(s): Dufaud, Stacey; Miller, Sarah
*Undergraduate presentation*

Spruce C
**Multiple Session Presentation – Session 6, 7**

Teaching Tactics in Public Rhetoric
Discipline(s): Communication Studies
Faculty Sponsor(s): David L. Palmer
Presenter(s): Rothe, Barrett; Cole, Jodi; Littleford, Lea; Becker, Bonnie
*Graduate presentation*
Panel & Individual Presentations

**Session 7**

11:30 AM – 11:50 AM

**Aspen A**

**Culture to Explain International Relations Between France and the United States**
Discipline(s): Political Science
Faculty Sponsor(s): Gregory Young
Presenter(s): Merle, Agathe
*Undergraduate presentation*

**Aspen B**

**Synthesis of Photoactive Phthalocyanines**
Discipline(s): Chemistry
Presenter(s): Penn, Kevin
*Graduate presentation*

**Aspen C**

**Between Beast and Man: The Shadow of the Werewolf in Nazi Germany**
Discipline(s): English, History, Psychology and Linguistics
Faculty Sponsor(s): Lloyd Worley
Presenter(s): Fuhr, David Nathen
*Undergraduate presentation*

**Columbine A**

**Multiple Session Presentation – Session 7, 8**

**How Do You Integrate Culture, Learning Style, the Artistic, and the Intellectual in Teaching Mexican Americans?**
Discipline(s): Elementary Education, Mexican American Studies, Music Education, Psychology, Special Education, Theatre Arts, Visual Arts, Women's Studies
Faculty Sponsor(s): Genie Canales
Presenter(s): Lyons, Christa; Lopez, Sofia; Wisner, Kathryn
*Undergraduate presentation*
Columbine B
**Multiple Session Presentation – Session 7, 8**

The Life History Methodology: Applying Anthropology in the Community
Discipline(s): Anthropology
Faculty Sponsor(s): Sally McBeth
Presenter(s): Brothe, Mariah; Carroll, Joseph; Darnell, Jessica; Flaugher, Cheryl; Freed, Tyler; Gray, Andrew; Horiuchi, Chance; Noori, Amanda; Renteria, Andrea; Roe, Derek; Saylor, Nicholas
Undergraduate presentation

Council

Life After Graduate School: Understanding the Transition From Psychology Student to Professional Psychologist
Discipline(s): Psychology
Faculty Sponsor(s): Maria Lahman
Presenter(s): Riedel, Jessica
Graduate presentation

Panorama – RESEARCH EXCELLENCE AWARD PRESENTATION

Message Posted: Perspectives of Formative Assessment within Online Graduate Courses.
Discipline(s): Educational Mathematics
Faculty Sponsor(s): Hortensia Soto-Johnson
Presenter(s): Glassmeyer, David; Jensen, Tom
Graduate presentation

Spruce A

The Effects of Facebook on Mental Health Issues
Discipline(s): Psychology
Faculty Sponsor(s): Thomas Dunn
Presenter(s): Severtson, Anthony
Undergraduate presentation

Spruce B
**Multiple Session Presentation – Session 6, 7, 8**

Fractals and Chaos
Discipline(s): Mathematics
Faculty Sponsor(s): Igor Szczyrba
Presenter(s): Dufaud, Stacey; Miller, Sarah
Undergraduate presentation
**Multiple Session Presentation – Session 6, 7**

**Teaching Tactics in Public Rhetoric**
Discipline(s): Communication Studies
Faculty Sponsor(s): David L. Palmer
Presenter(s): Rothe, Barrett; Cole, Jodi; Littleford, Lea; Becker, Bonnie

*Graduate presentation*
Panel & Individual Presentations

Session 8
11:55 AM – 12:15 PM

Aspen A

Implementation of an Employee Wellness Program for College Credit Union of Greeley
Discipline(s): Community Health
Faculty Sponsor(s): Deborah Givray
Presenter(s): Cooper, Megan
Graduate presentation

Aspen B

When \( \pi =4 \), You Pay More! "(An Introduction to Taxicab Geometry)"
Discipline(s): Mathematics
Faculty Sponsor(s): Richard Grassl
Presenter(s): Smalley, Josiah B.
Undergraduate presentation

Aspen C

Do College Students' Political Party Affiliations Align With Their Social Party Positions?
Discipline(s): Sociology
Faculty Sponsor(s): Mel Moore
Presenter(s): Sanchez, Daniel Jose
Graduate presentation

Columbine A

**Multiple Session Presentation – Session 7, 8**

How Do You Integrate Culture, Learning Style, the Artistic, and the Intellectual in Teaching Mexican Americans?
Discipline(s): Elementary Education, Mexican American Studies, Music Education, Psychology, Special Education, Theatre Arts, Visual Arts, Women's Studies
Faculty Sponsor(s): Genie Canales
Presenter(s): Lyons, Christa; Lopez, Sofia; Wisner, Kathryn
Undergraduate presentation
Columbine B

**Multiple Session Presentation – Session 7, 8**

The Life History Methodology: Applying Anthropology in the Community
Discipline(s): Anthropology
Faculty Sponsor(s): Sally McBeth
Presenter(s): Brothe, Mariah; Carroll, Joseph; Darnell, Jessica; Flaugher, Cheryl; Freed, Tyler; Gray, Andrew; Horiuchi, Chance; Noori, Amanda; Renteria, Andrea; Roe, Derek; Saylor, Nicholas

*Undergraduate presentation*

Council

Applying Formal Assessments along with Response to Intervention (RtI) for Learning Disabled Students in Saudi Arabia
Discipline(s): International Studies and Special Education
Faculty Sponsor(s): Maria Lahman
Presenter(s): Alsuliman, Maha

*Graduate presentation*

Panorama – RESEARCH EXCELLENCE AWARD PRESENTATION

An Analysis of Immigration-Related Depression: Correlations to Acculturation, Stressors, and Utilization Resources
Discipline(s): Psychology, Sociology and Spanish
Faculty Sponsor(s): Kevin Pugh
Presenter(s): Baum, Sara

*Undergraduate presentation*

Spruce A

The Influence of Family Socialization of the Racial Identity of African American Students
Discipline(s): Africana Studies and Sociology
Faculty Sponsor(s): Reo Leslie
Presenter(s): Mercadel, Ceta

*Undergraduate presentation*

Spruce B

**Multiple Session Presentation – Session 6, 7, 8**

Fractals and Chaos
Discipline(s): Mathematics
Faculty Sponsor(s): Igor Szczyrba
Presenter(s): Dufaud, Stacey; Miller, Sarah

*Undergraduate presentation*
Spruce C

*Portraiture: A Role-Play Debate*

Discipline(s): Other: Research

Presenter(s): Huntington, Jody; Zullo, Ernie

*Graduate presentation*
Panel & Individual Presentations

Session 9
1:00 PM – 1:20 PM

Aspen A

Scaling Back, Moving Forward: Measuring the Success of a Hospital Employee Weight Loss Program
Discipline(s): Community Health
Faculty Sponsor(s): Deborah Givray
Presenter(s): Lang, Jaime

*Graduate presentation*

Aspen B

Chicano Heroes and Anti-Heroes (II)
Discipline(s): Spanish
Faculty Sponsor(s): Jungwon Park
Presenter(s): Orange, Andrea; Compton, Brittney; Barnett, Rebecca; Paulson, Christina

*Undergraduate presentation*

Aspen C

Eurasianism: A New Paradigm for Old Russia
Discipline(s): History
Faculty Sponsor(s): Steven Seegel
Presenter(s): Wittmer, Marty

*Undergraduate presentation*

Columbine A

**Multiple Session Presentation – Session 9, 10**

An Effective Restorative Justice Program, Victim/Offender Dialogue
Discipline(s): Criminal Justice, Social Science and Sociology
Faculty Sponsor(s): William Perrill
Presenter(s): Corban, Kimberly

*Undergraduate presentation*
Columbine B

**Multiple Session Presentation – Session 9, 10**

State and Society Relations in East Asia: Samurai Society in 19th Century Japan (Keith Brandsma); Sages and Ruler: Confucianism and Governance in Imperial China (Christopher Muscato); and Power to the People: The Power and Influence of the Common People on China’s Development (Donovan Ponder)

Discipline(s): Economics, English, History, International Studies, Philosophy, Political Science, Women's Studies, Asian Studies and Chinese Studies

Faculty Sponsor(s): Adam Fong

Presenter(s): Brandsma, Keith; Muscato, Christopher; Ponder, Donovan

Undergraduate presentation

Council

La virgen de Guadalupe

Discipline(s): Mexican American Studies and Spanish

Faculty Sponsor(s): Efraín E. Garza

Presenter(s): Leyva, José Miguel

Undergraduate presentation

Panorama – RESEARCH EXCELLENCE AWARD PRESENTATION

Irrational Ideation as a Precursor to Depression: The Use of Two Scales

Discipline(s): Psychology

Faculty Sponsor(s): Dr. Softas and Gary Elkins

Presenter(s): Walters, Meaghan

Graduate presentation

Spruce A

Message Retention and the Media

Discipline(s): Journalism

Faculty Sponsor(s): Karen Barton

Presenter(s): Mendes-Persson, Courtnee

Undergraduate presentation

Spruce B

Delis-Kaplan Executive Functions System Tower Test and Ability to Detect Malingering

Discipline(s): Psychology

Faculty Sponsor(s): Thomas Dunn

Presenter(s): Doyle, Zachary

Undergraduate presentation
Panel & Individual Presentations

**Session 10**

1:25 PM – 1:45 PM

**Aspen A**

**Benjamin Britten: A composer for the people**
Discipline(s): Music
Faculty Sponsor(s): Marian Hesse
Presenter(s): Walker, Michael
*Graduate presentation*

**Aspen B**

**Power Dynamics and Questioning in Elementary Science Classrooms**
Discipline(s): Educational Psychology
Presenter(s): Reinsvold, Lori
*Graduate presentation*

**Aspen C**

**Only In Hollywood... Villains and Mental Illness**
Discipline(s): Sociology and Mental Illness
Presenter(s): Sanchez, Daniel Jose
*Graduate presentation*

**Columbine A**

**Multiple Session Presentation – Session 9, 10**

**An Effective Restorative Justice Program, Victim/Offender Dialogue**
Discipline(s): Criminal Justice, Social Science and Sociology
Faculty Sponsor(s): William Perrill
Presenter(s): Corban, Kimberly
*Undergraduate presentation*
Columbine B

**Multiple Session Presentation – Session 9, 10**

State and Society Relations in East Asia: Samurai Society in 19th Century Japan (Keith Brandsma); Sages and Ruler: Confucianism and Governance in Imperial China (Christopher Muscato); and Power to the People: The Power and Influence of the Common People on China’s Development (Donovan Ponder)

Discipline(s): Economics, English, History, International Studies, Philosophy, Political Science, Women's Studies, Asian Studies and Chinese Studies

Faculty Sponsor(s): Adam Fong

Presenter(s): Brandsma, Keith; Muscato, Christopher; Ponder, Donovan

*Undergraduate presentation*

Panorama – RESEARCH EXCELLENCE AWARD PRESENTATION

A Historical Evolution in Disney Animation

Discipline(s): Visual Arts

Faculty Sponsor(s): Michael Coronel

Presenter(s): White, Khadijah

*Undergraduate presentation*

Spruce B

Cupid and Commandments: Eroticism and Civic Duty in the Poetry of John Wilmot, the Second Earl of Rochester

Discipline(s): English and Liberal Arts

Faculty Sponsor(s): John Loftis

Presenter(s): Meyer, Trevor

*Undergraduate presentation*

Spruce C

Understanding In-Service Teachers' Efficacy with Writing and Teaching Writing: A First Step to Using Comics for Literacy Learning

Discipline(s): English & Research Methodology & Methods

Faculty Sponsor(s): Jeraldine Kraver

Presenter(s): Richard, Veronica M.

*Graduate presentation*
Panel & Individual Presentations

Session 11
1:50 PM - 2:10 PM

Aspen A

Participation in Curriculum and Program Development for Suicide Education and Support Services: YES! - Youth Ending Suicide Program
Discipline(s): Community Health
Faculty Sponsor(s): Deborah Givray
Presenter(s): Kennymore, Jennifer
Graduate presentation

Aspen B

Is There Evidence to Support a Link Between Suicide and Nutrition? A Literature Review
Discipline(s): Dietetics
Faculty Sponsor(s): Alena Clark
Presenter(s): Compton, Brittney
Undergraduate presentation

Aspen C

Writing a Simple Search Engine
Discipline(s): Computer Science
Faculty Sponsor(s): Terry A. Scott
Presenter(s): Allen, Andrew
Undergraduate presentation

Columbine A

Eventos típicos de la cultura mexicana
Discipline(s): Mexican American Studies, Sociology and Spanish
Faculty Sponsor(s): Efrain E. Garza
Presenter(s): Moreno, Velia; Rascon, Leticia
Undergraduate presentation
Cultural Transformations in East Asia: Zhuangzi and Uselessness (Rui Dong); Late Tokugawa Japanese Society (Teva Meyer); and Nuturing Seedlings: The Changing Evangelism of China (Peter Wakefield)

Discipline(s): Economics, English, History, International Studies, Philosophy, Political Science, Women's Studies, Asian Studies and Chinese Studies

Faculty Sponsor(s): Michelle Low
Presenter(s): Dong, Rui; Meyer, Teva; Wakefield, Peter

Undergraduate presentation

Council

Germaine Dulac, Louis Feuillade, and the Demands of Silent Film Scholarship

Discipline(s): Film Studies
Faculty Sponsor(s): April Miller
Presenter(s): Cohen, Joshua

Graduate presentation

Panorama – RESEARCH EXCELLENCE AWARD PRESENTATION

The Perceived Utility of Precision Teaching Calculus

Discipline(s): Mathematics
Faculty Sponsor(s): Hortensia Soto-Johnson
Presenter(s): Dibbs, Rebecca-Anne; Yacoub, Wafa

Graduate presentation

Spruce A

Culture Condition Optimization for Dopamine Neurons for Mouse Brain Explants

Discipline(s): Biological Sciences
Faculty Sponsor(s): Mark Thomas
Presenter(s): Mieszala, Lauren

Undergraduate presentation

Spruce B

"He Will Have Power the Dark Lord Knows Not:" Harry Potter and Lord Voldemort as Antitheses

Discipline(s): English
Faculty Sponsor(s): Veronica Patterson
Presenter(s): Shinners, Sarah

Undergraduate presentation
Spruce C

Conceptualizing Critical Thinking Skills of Introduction to Sociology Students Through the use of Bloom's Taxonomy

Discipline(s): Sociology
Faculty Sponsor(s): Angela Henderson
Presenter(s): Conner, Ashley

Graduate presentation
Panel & Individual Presentations

Session 12
2:15 PM – 2:35 PM

Aspen A

Operation Frontline - A National Fight Against Childhood Hunger
Discipline(s): Community Health
Faculty Sponsor(s): Deborah Givray
Presenter(s): Martin-Cosner, Carrie
Graduate presentation

Aspen B

Reading "Bless Me Ultima": Literature and Chicano Identity
Discipline(s): Mexican American Studies
Faculty Sponsor(s): Jungwon Park
Presenter(s): Higgins, Hillary-Anne; Sena, Ashley
Undergraduate presentation

Columbine A

**Multiple Session Presentation – Session 12, 13**

Explorations in the Intersections of Race, Class, Gender and Sexuality
Discipline(s): Women's Studies
Faculty Sponsor(s): Chris Talbot
Presenter(s): Soto, Shiraya; Luttrell, Melissa; Parish Diaz, Erica; Bates, Ashley; Long, Azhia; Mercadel, Ceta; Branham, Megan
Undergraduate presentation

Columbine B

**Multiple Session Presentation – Session 11, 12**

Cultural Transformations in East Asia: Zhuangzi and Uselessness (Rui Dong); Late Tokugawa Japanese Society (Teva Meyer); and Nuturing Seedlings: The Changing Evangelism of China (Peter Wakefield)
Discipline(s): Economics, English, History, International Studies, Philosophy, Political Science, Women's Studies, Asian Studies and Chinese Studies
Faculty Sponsor(s): Michelle Low
Presenter(s): Dong, Rui; Meyer, Teva; Wakefield, Peter
Undergraduate presentation
Council

Tough Transitions: Helping Students Re-enter School Post-Psychiatric Hospitalization
Discipline(s): Counseling
Faculty Sponsor(s): Elysia Clemens
Presenter(s): Williams, Amy
Graduate presentation

Panorama – RESEARCH EXCELLENCE AWARD PRESENTATION

Potential Therapeutic Use of Transforming Growth Factor-β for Treatment of Hantavirus Cardiopulmonary Syndrome
Discipline(s): Biology
Faculty Sponsor(s): William Schountz
Presenter(s): Flynn-James, Stephanie
Grad presentation

Spruce A

Hello! Do You Speak English? Second Language Acquisition amongst Somali Refugees
Discipline(s): English and Linguistics
Faculty Sponsor(s): Kristin Bovaird-Abbo
Presenter(s): Valdez, Beatriz
Undergrad presentation

Spruce B

Exploring Bilingual Syntax Assessment: Searching for an Effective Method
Discipline(s): Audiology & Speech-Language Sciences
Faculty Sponsor(s): Ellen Meyer Gregg
Presenter(s): Zachary, Adriane
Undergraduate presentation

Spruce C

Karen Women from Burma: A Diasporic Community in Greeley Colorado
Discipline(s): Anthropology and Women’s Studies
Faculty Sponsor(s): Barbara Hawthorne
Presenter(s): Patterson, Sierra; Kost, Christine
Undergraduate presentation
Panel & Individual Presentations

**Session 13**

2:40 PM – 3:00 PM

**Columbine A**

**Multiple Session Presentation – Session 12, 13**

**Explorations in the Intersections of Race, Class, Gender and Sexuality**
Discipline(s): Women's Studies
Faculty Sponsor(s): Chris Talbot
Presenter(s): Soto, Shiraya; Luttrell, Melissa; Parish Diaz, Erica; Bates, Ashley; Long, Azhia; Mercadel, Ceta; Branham, Megan
*Undergraduate presentation*

**Council**

**Survive The Guide**
Discipline(s): Psychology, Theatre Arts, Visual Arts, and Women's Studies
Faculty Sponsor(s): Barbara Hawthorne
Presenter(s): Artz, Kelly
*Undergraduate presentation*

**Spruce B**

**Are Blondes Less Intelligent? Stereotype Threat and Hair Color**
Discipline(s): Psychology
Faculty Sponsor(s): Kevin Pugh
Presenter(s): Smith, Alicia
*Undergraduate presentation*
Panel & Individual Presentations

Session 14

3:05 PM – 3:25 PM

Columbine B

**Multiple Session Presentation – Session 14, 15**

500 Years of Gender in China: Sexuality and Power in Late Imperial China (Jena Blea); Concubines: and the Lives They Lived (Travis Conner); and One-Child Policy Problems and Female Literacy in China (Matthew Kennedy)
Discipline(s): Economics, English, History, International Studies, Philosophy, Political Science, Women's Studies, Asian Studies and Chinese Studies
Faculty Sponsor(s): Michelle Low and Adam Fong
Presenter(s): Blea, Jena N.; Conner, Travis; Kennedy, Matthew
Undergraduate presentation

Spruce B

Lutheran Valley Ranch and Retreat: Past, Present and Future
Discipline(s): History
Faculty Sponsor(s): Mary Borg
Presenter(s): Koops, Jennifer
Undergraduate presentation

Spruce C

Using Movies for Teaching Science in the Elementary Classroom
Discipline(s): Elementary Education and Science Education
Faculty Sponsor(s): Youngjin Song
Presenter(s): Rosenthaler, Becky; Mannon Patridge, Baylie; Johnson, Ashley
Undergraduate presentation
Panel & Individual Presentations

Session 15
3:30 PM – 3:50 PM

Aspen B

Chicano Heroes and Anti-Heroes (III)
Discipline(s): Spanish
Faculty Sponsor(s): Jungwon Park
Presenter(s): Renteria, Andrea; Renteria, Alexandra; Leonhard, Ashley; Nicholas, Ashley; Juneau, Chelsea
Undergraduate presentation

Columbine B
**Multiple Session Presentation – Session 14, 15**

500 Years of Gender in China: Sexuality and Power in Late Imperial China (Jena Blea); Concubines: and the Lives They Lived (Travis Conner); and One-Child Policy Problems and Female Literacy in China (Matthew Kennedy)
Discipline(s): Economics, English, History, International Studies, Philosophy, Political Science, Women's Studies, Asian Studies and Chinese Studies
Faculty Sponsor(s): Michelle Low and Adam Fong
Presenter(s): Blea, Jena N.; Conner, Travis; Kennedy, Matthew
Undergraduate presentation

Council

Revisioned Myths and Fairy Tales
Discipline(s): English and Women's Studies
Faculty Sponsor(s): Sharon Wilson
Presenter(s): Wees, Noel; Lidmark, Shim'on; Graff, Alex
Undergraduate presentation

Spruce B

Business Plan: Modern Memorials - Non Traditional Memorials as an Emerging Trend
Discipline(s): Business Administration
Faculty Sponsor(s): Keiko Krahnke
Presenter(s): Nather, Kevin
Undergraduate presentation
Poster Presentations

April 8, 2010
10:00 AM – 3:00 PM
University Center
Pikes Peak and Mt Evans Ballrooms

Registration Opens at 8:30 AM
In the University Center Fireside Lounge
Each presenter must check-in to receive their participation certificate, complimentary lunch ticket, and Research Day program.
A study of the Academic Adjustment Processes of Arab International Students in Higher Education
Discipline(s): Psychology
Presenter(s): Gordon, Craig
Graduate presentation

Affective Factors Influencing Chemistry as a Career: What Gets Students Excited About Chemistry?
Discipline(s): Chemistry
Faculty Sponsor(s): Jerry Suits
Presenter(s): Freyer, Matthew
Graduate presentation

An Exploration of Graduate Assistant Experiences and Identities
Discipline(s): HESAL
Faculty Sponsor(s): Flo Guido
Presenter(s): Lowrence, Adam; Miller, Sara; Wyscaver, Sarah
Graduate presentation

An Inquiry into the Influences of Pedagogical Content Knowledge and Epistemological Stance on Teachers' Approach to Teaching Fundamental Theorem
Discipline(s): Mathematics
Faculty Sponsor(s): Hortensia Soto-Johnson
Presenter(s): Blasjo, Viktor; Dalgamoni, Tareq; Roberson, Lee
Graduate presentation

Analysis of Benzodiazepines in a Series of Matrices by HPLC and LC-MS
Discipline(s): Chemistry
Faculty Sponsor(s): Richard Hyslop
Presenter(s): Phillips, Lauren; Anderson, Kevin
Undergraduate presentation

Balancing the Dual Roles of Undergraduate Student and Mother
Discipline(s): Higher Education, Applied Statistics and Research Methods
Faculty Sponsor(s): Maria Lahman
Presenter(s): Tyson, Michelle
Graduate presentation
**Becoming an Efficient Reader: Perceptions of the Literacy Lab**
Discipline(s): Applied Statistics and Research Methods
Faculty Sponsor(s): Maria Lahman
Presenter(s): Traxler, Karen
*Graduate presentation*

**Children’s Self-identity and the Identity of Others**
**RESEARCH EXCELLENCE AWARD PRESENTATION**
Discipline(s): Elementary Education
Faculty Sponsor(s): Deborah Romero
Presenter(s): Worrell, Shannon
*Undergraduate presentation*

**Cost/Benefit Analysis of Circumcision Instruments: Disposable versus Non-disposable**
Discipline(s): Nursing
Faculty Sponsor(s): Karen Gorton
Presenter(s): Reno, Nancy
*Graduate presentation*

**Does Collegiate Athletic Participation Help or Harm Job Applicants? Using Role Congruity Theory to Examine Racial Differences in Hiring Practices**
Discipline(s): Sociology
Faculty Sponsor(s): Angie Henderson
Presenter(s): Gasser, Matt
*Undergraduate presentation*

**Effects of Coinciding Wheel Running and Weekly Doxorubicin Treatment on Cardiac Function in the Rat**
Discipline(s): Sports and Exercise Science
Faculty Sponsor(s): Reid Hayward
Presenter(s): Malcolm, Will
*Graduate presentation*

**Effects of Endurance Training on Cardiotoxicity Induced by Combined Treatment with Doxorubicin and Goserelin Acetate**
**RESEARCH EXCELLENCE AWARD PRESENTATION**
Discipline(s): Biological Sciences, Nursing, Rehabilitative Services and Sport and Exercise Science
Faculty Sponsor(s): Reid Hayward, David Hydock, and Carole Schneider
Presenter(s): Parry, Traci L.
*Graduate presentation*

**Factors Influencing the College Selection Process at a Division I-AA (FCS) University**
Discipline(s): Sports and Exercise Science
Presenter(s): Braa, Lori L.; Burkowski, Katharine
*Graduate presentation*
Has the Baseball Rule Outlived its Usefulness?
Discipline(s): Sports and Exercise Science
Faculty Sponsor(s): Dianna Gray
Presenter(s): Reams, Lamar
*Graduate presentation*

How did the Political Regime of Peron Influence the Compositions of Astor Piazzolla and in turn, How did Piazzolla Influence Argentinean Culture during the Presidency of Peron with his Cuatro Estaciones Portenas (Four Seasons in Buenos Aires), with Particular Focus on his Fusion of Tango Nuevo Elements and Antonio Vivaldi’s Classical Four Seasons.

**RESEARCH EXCELLENCE AWARD PRESENTATION**
Discipline(s): Music
Faculty Sponsor(s): Janice Dickensheets
Presenter(s): Marin, Carlos
*Undergraduate presentation*

Immediate Biomechanical Effects of Altering Prosthetic Stiffness on Trans-Tibial Amputee Gait
Discipline(s): Sports and Exercise Science
Presenter(s): Allen, Amanda
*Undergraduate presentation*

Implementation of an Employee Wellness Program for College Credit Union of Greeley
Discipline(s): Community Health
Faculty Sponsor(s): Deborah Givray
Presenter(s): Cooper, Megan
*Graduate presentation*

Influences on the Adjustment Process of Mexican-origin College Students
Discipline(s): Sociology
Faculty Sponsor(s): Kyle Ann Nelson
Presenter(s): Infante, Michel
*Undergraduate presentation*

Investigation of Body Composition of Division I Football Players as Related to Performance
Discipline(s): Dietetics
Faculty Sponsor(s): Jamie Erskine
Presenter(s): Skoda, Jennifer; Snyder, Bryan
*Undergraduate presentation*

MIND 182 Service Project: A Woman's Place, Inc.
Discipline(s): Life of the Mind
Faculty Sponsor(s): Kaye Holman and Catie Rohloff
Presenter(s): Ramsay, Karlie; Orona, Liz; Thomas, Codie; Northrop, Jade; Meek, Kayla; Weber, Jordan; Pierce, Dillon
*Undergraduate presentation*
MIND 182 Service Project: Boys and Girls Club  
Discipline(s): Life of the Mind  
Faculty Sponsor(s): Kaye Holman and Catie Rohloff  
Presenter(s): Chilpala, Maggie; Wyatt, Jodi; Catlett, Justing; Hughes, Sara; Williams, Susannah; Meehan, Chelsea  
*Undergraduate presentation*

MIND 182 Service Project: Dos Rios  
Discipline(s): Life of the Mind  
Faculty Sponsor(s): Kaye Holman and Catie Rohloff  
Presenter(s): Hernandez, Mario; Miller, Makenzie; Krantz, Catherine; Fairchild, Sam; Sanderlin, Kara; Spiegleberg, Paige; Saxton, Jerame  
*Undergraduate presentation*

MIND 182 Service Project: Downtown Development Authority  
Discipline(s): Life of the Mind  
Faculty Sponsor(s): Kaye Holman and Catie Rohloff  
Presenter(s): Hyland, Sam; Johnson, Kate; Groves, Cody; Martinez, Zachary; Gines, Julian; Rather, Alex; Driver, Mitch  
*Undergraduate presentation*

MIND 182 Service Project: Habitat for Humanity Restore  
Discipline(s): Life of the Mind  
Faculty Sponsor(s): Kaye Holman and Catie Rohloff  
Presenter(s): Allen, Josh; Lewis, Collene; Loveridge, Nick; Earnshaw, Emily; Koppel, Lauren  
*Undergraduate presentation*

MIND 182 Service Project: Humane Society  
Discipline(s): Life of the Mind  
Faculty Sponsor(s): Kaye Holman and Catie Rohloff  
Presenter(s): Kurucz, Leanor; Blackburn, Bethany; Raney, Kristen; Reger, Sarah; Lancaster, Tracie; Brenneman, Heather; Sullivan, Breanna  
*Undergraduate presentation*

MIND 182 Service Project: Senior Resource Sevices  
Discipline(s): Life of the Mind  
Faculty Sponsor(s): Kaye Holman and Catie Rohloff  
Presenter(s): Brothe, Mariah; Nelson, WB Norton; Mazerall, Aubrey; O'Brien, Kevin; Nather, Kevin; Carroll, Joseph; Nunn, Corey  
*Undergraduate presentation*

MIND 182 Service Project: Weld Food Bank  
Discipline(s): Life of the Mind  
Faculty Sponsor(s): Kaye Holman and Catie Rohloff  
Presenter(s): Simpson, Callie; Khachaturov, Vartan; Jones, Hillary; Sullizan, Seamus; Meehan, Chelsea  
*Undergraduate presentation*
Models of Program Delivery: Perceptions of Online RN-BSN Students and Their Educational Outcomes
Discipline(s): Nursing
Faculty Sponsor(s): Debra Leners
Presenter(s): Einhellig, Katrina; Stanley, Maryjo
Graduate presentation

Modifying Volleyball Games to Teach Children Elite Skills
Discipline(s): Recreation and Sports and Exercise Science
Faculty Sponsor(s): Gylton DaMatta
Presenter(s): Divine, Elizabeth; Jergensen, Justin; Muiz, Adrian; Spillane, Clayton
Undergraduate presentation

Music Therapy and How It Affects the Behavior of Children With Autism
Discipline(s): Special Education
Faculty Sponsor(s): Robin Brewer
Presenter(s): West, Tamara
Undergraduate presentation

Operation Frontline- A National Fight Against Childhood Hunger
Discipline(s): Community Health
Faculty Sponsor(s): Deborah Givray
Presenter(s): Martin-Cosner, Carrie
Graduate presentation

Participation in Curriculum and Program Development for Suicide Education and Support Services: YES! - Youth Ending Suicide Program
Discipline(s): Community Health
Faculty Sponsor(s): Deborah Givray
Presenter(s): Kennymore, Jennifer
Graduate presentation

Pateca: The Incorporation into the US Public Schools
Discipline(s): Sports and Exercise Science
Faculty Sponsor(s): Gylton DaMatta
Presenter(s): Halliday, Tim; Hayes, Jeremy; Cooper, Matthew; Molander, Todd
Undergraduate & Graduate Team presentation

Pay for Play: Should NCAA Division 1-A student-athletes be compensated for their athletic performances?
Discipline(s): Sports and Exercise Science
Faculty Sponsor(s): Dianna Gray
Presenter(s): Ahmad, Tariq
Graduate presentation
Postnatal Ethanol Exposure in B6 and NSA Mice Using Inhalation Chambers: Effects on Activity, Weight and Dose
Discipline(s): Psychology
Faculty Sponsor(s): David Gilliam
Presenter(s): Stewart, Joshua
Graduate presentation

Scaling Back, Moving Forward: Measuring the Success of a Hospital Employee Weight Loss Program
Discipline(s): Community Health
Faculty Sponsor(s): Deborah Givray
Presenter(s): Lang, Jaime
Graduate presentation

Single Patient Use Blood Pressure Cuffs: Making a Difference in Decreasing the Hospital Acquired Infections
Discipline(s): Nursing
Faculty Sponsor(s): Karen Gorton
Presenter(s): Meader, Morgana
Graduate presentation

Students with Disabilities Attending Primary School in Northern Uganda
Discipline(s): Africana Studies, Elementary Education and Special Education
Faculty Sponsor(s): Rashida Banerejee
Presenter(s): Finnerty, Megan
Graduate presentation

The Capacity of the School Nurse in Primary Prevention of Childhood Obesity in Colorado
Discipline(s): Nursing and Nutrition
Faculty Sponsor(s): Priscilla Faulkner
Presenter(s): Jeffries, Melissa
Undergraduate presentation

The Relationship Between Theory of Mind and Language Development in Spanish-Speaking Preschool-Age Students
Discipline(s): Audiology & Speech-Language Sciences
Faculty Sponsor(s): Mark Guiberson
Presenter(s): Folsom, Emily
Undergraduate presentation

The Sociological Controversy Concerning the End of Life
**RESEARCH EXCELLENCE AWARD PRESENTATION**
Discipline(s): Sociology
Faculty Sponsor(s): Jeffrey A. Houser
Presenter(s): Beal, Danny; Kiththau, Nichole; Stelwagaon, Nicoletta
Undergraduate presentation
The Spatial Patterns of the 2009 H1N1 Virus in Colorado  
Discipline(s): Community Health and Geography  
Faculty Sponsor(s): David Diggs  
Presenter(s): Koepsell, Jared  
Undergraduate presentation

What Works in Psychotherapy: Qualitative Accounts of Psychotherapist and Clients  
Discipline(s): Psychology  
Faculty Sponsor(s): Mary Sean O'Halloran  
Presenter(s): Walters, Meag-han  
Graduate presentation
Poster Presentations

Lunchtime Session

Noon – 1:30 PM
Pikes Peak & Mt Evans Ballrooms

School of Biological Sciences Undergraduate Poster Presentations
Students from the School of Biological Sciences will be presented their research poster presentations as part of the overall Research Day lunchtime session this year. A separate listing of these students and their research will be available.

“This I Believe” Oration
This is a special oral presentation by Dr. Kraver’s English classes. The English students will speak personal “This I Believe” statements from two podium locations within the Ballrooms.

Discipline(s): English
Faculty Sponsor(s): Jeraldine Kraver
Presenter(s): Middaugh, Hayley; Beasley, Jason; Hebein, Bonnie; Wakefield, Peter; Redlinger, Elizabeth; Howe, Abigail; Rue, Kerstin; Bristol, Daniel; Bjornson, Anna; Stuvel, Chelsea; Highfill, Margaret; Bowermaster, Hannah; Lamach, Nicholas; Maddox, Clayton; Griebel, Jerrod; Horner, Kayla; Ragan, Tambra; Snoeck, Julie; Focht, Anthony; Artzer, Alexandra; Wees, Noel; Petersen, Lisa; Tinker, Zach; Gustkey, Megan; Fatka, Caitlin; Andrews, Timothy; Yong, Lindsey; Meyer, Lindsay; Walter, Jessica; Bowens, Jennifer; Redfearn, Natalie; Calvert, Hilary; Gentis, Joli; Blair, Dustin; Snyder, Kimberly; Estes, Brittany

Undergraduate presentation

A Functional Analysis of the Venom of the Florida Pigmy Rattlesnake (Sistrurus miliarius barbouri)
**RESEARCH EXCELLENCE AWARD PRESENTATION**

Discipline(s): Biological Sciences
Faculty Sponsor(s): Stephen Mackessy
Presenter(s): Jablonski, Kayla

Undergraduate presentation

A Helping Hand: Cost/Benefit of Using a Resource Nurse in the Intensive Care Unit

Discipline(s): Nursing
Faculty Sponsor(s): Faye Hummel
Presenter(s): Edmondson, Janelle R.

Graduate presentation

A National Analysis of Cigarette Smoking Predictors Based on Ethnicity and Gender for Adolescents into Adulthood

Discipline(s): Community Health
Faculty Sponsor(s): Deborah Givray
Presenter(s): Harrod, Curtis

Graduate presentation
Agency vs. Regular Staff Overtime
Discipline(s): Nursing
Faculty Sponsor(s): Faye Hummel
Presenter(s): Lindner, Brooke S.
Graduate presentation

Analysis of Liquid Fuel Slosh During the Flight of a Sounding Rocket: SLOSHSAT
**RESEARCH EXCELLENCE AWARD PRESENTATION**
Discipline(s): Physics
Faculty Sponsor(s): Robert Walch
Presenter(s): Andorka, Sage; Sears, Zachary; Welsh, Dan; Woods, Maurice; Honda, Motoaki
Undergraduate presentation

Chest Pain Management- Admission vs. Specialized Clinic
Discipline(s): Nursing
Faculty Sponsor(s): Faye Hummel
Presenter(s): van der Torre, Megan
Graduate presentation

College Students Experiences of Close Relationships
Discipline(s): Psychology and Sociology
Faculty Sponsor(s): Elizabeth Pascoe
Presenter(s): Byrd, Morgan
Undergraduate presentation

Congestive Heart Failure Clinics: An Answer to the Increasing Cost of Inpatient Treatment For Heart Failure Patients
Discipline(s): Nursing
Faculty Sponsor(s): Faye Hummel
Presenter(s): Fiorini, Samantha J.
Graduate presentation

Cost Analysis of Urinary Catheterization vs. Using a Bladder Scanner
Discipline(s): Nursing
Faculty Sponsor(s): Faye Hummel
Presenter(s): Almgren, Bree S.
Graduate presentation

Cost Effectiveness: Bladder Scanner vs. Foley Catheterization
Discipline(s): Nursing
Faculty Sponsor(s): Faye Hummel
Presenter(s): McNeely, Molly
Graduate presentation
Cost/Benefit Analysis of Ceiling Lifts in Patient Rooms and Patient Handing Injury Costs
Discipline(s): Nursing
Faculty Sponsor(s): Faye Hummel
Presenter(s): Stoneberger, Laura
Graduate presentation

Cost/Benefit of Phenergan vs. Zofran for Management of Nausea and Vomiting in the Emergency Department
Discipline(s): Nursing
Faculty Sponsor(s): Faye Hummel
Presenter(s): Schwerin, Kari L.
Graduate presentation

Cost-Effectiveness: Dilantin vs. Keppra for Prevention and Management of Seizures in the ICU
Discipline(s): Nursing
Faculty Sponsor(s): Faye Hummel
Presenter(s): Johnston, Carol B.
Graduate presentation

Counseling and Psychology in Thailand: Current Status and Future Directions
Discipline(s): Psychology
Faculty Sponsor(s): Mary Sean O'Halloran
Presenter(s): Wipanee, Suk-erb; O'Halloran, Mary Sean
Graduate presentation

Cross-Level Tutoring Services in Higher Education: Assessing Academic and Non-academic Benefits for Undergraduate Students
Discipline(s): Higher Education
Faculty Sponsor(s): Melissa Salazar Hoffner
Presenter(s): Schmidt, Karen
Graduate presentation

Culturally and Linguistically Appropriate Sexuality Education for Latinos: An Exploration
Discipline(s): Community Health
Faculty Sponsor(s): Deborah Givray
Presenter(s): Backlund Jarquin, Paige
Graduate presentation

Development of a Schlieren Imaging System
Discipline(s): Physics
Faculty Sponsor(s): Jan Chaloupka
Presenter(s): Olson, Rebekah
Undergraduate presentation
Effective Literacy Instruction for Young English Language Learners: Components of the Ideal Learning Environment

**RESEARCH EXCELLENCE AWARD PRESENTATION**
Discipline(s): Elementary Education, Early Childhood Education and English as a Second Language
Faculty Sponsor(s): Kaye Holman, Susan Thompson, and Lindsey Guccione
Presenter(s): Ellis, Jessica
*Undergraduate presentation*

Endosulfan-α Does Not Enhance LPS-Stimulated Cytokine Production in RAW 264.7 Cells
Discipline(s): Biological Sciences
Faculty Sponsor(s): Gregory K. DeKrey
Presenter(s): Kruidenier, Sandra Benitez
*Undergraduate presentation*

Examining the Effects of Teaching Presence on Student Satisfaction in Fully Online Learning Environments
Discipline(s): Educational Technology
Faculty Sponsor(s): Heng-Yu Ku
Presenter(s): Hosler, Kim
*Graduate presentation*

Field Research on Bats at Heil Valley Ranch and Caribou Ranch, 2009
Discipline(s): Biological Sciences
Presenter(s): Snode, Emily
*Graduate presentation*

Five Year Survival Rates at an Exercise Based Cancer Rehabilitation Institute
Discipline(s): Sports and Exercise Science
Faculty Sponsor(s): Carole Schneider
Presenter(s): Peterson, Brent M.
*Graduate presentation*

Flavaspeak: Is It Grammar or A Race Matter?
Discipline(s): Africana Studies and Audiology/Speech Language Sciences
Faculty Sponsor(s): Travis Boyce
Presenter(s): Marin, Cheerish
*Undergraduate presentation*

Healthy Snacks- Produce Initiative: A Collaborative Approach to Increasing Fruits and Vegetables in Afterschool Programs
Discipline(s): Community Health
Faculty Sponsor(s): Deborah Givray
Presenter(s): Testerman, Nora
*Graduate presentation*
Heterosexist Guided Imagery: Going Beyond Preconceived Ideologies
Discipline(s): Anthropology, Liberal Arts, Philosophy, Psychology, Social Science and Sociology
Faculty Sponsor(s): Angela Henderson
Presenter(s): Gentis, Dustin
Graduate presentation

Introducing Robotics to Science and Non-Science Majors
Discipline(s): Physics
Faculty Sponsor(s): Matthew Semak
Presenter(s): Kuhns, Casey; Wilson, Adam
Undergraduate presentation

Investigating Food Preference and Avoidance of Two Bat Species (Carollia perspicillata and Artibeus jamaicensis) using Four Naturally Occurring Plant Compounds
**RESEARCH EXCELLENCE AWARD PRESENTATION**
Discipline(s): Biological Sciences
Faculty Sponsor(s): Rick Adams and Chhandak Basu
Presenter(s): Flynn, Dani; Shaw, Jason; Zwenger, Sam
Undergraduate & Graduate Team presentation

MIND 182 Service Project: A Woman's Place, Inc.
Discipline(s): Life of the Mind
Faculty Sponsor(s): Kaye Holman and Catie Rohloff
Presenter(s): Ramsay, Karlie; Orona, Liz; Thomas, Codie; Northrop, Jade; Meek, Kayla; Weber, Jordan; Pierce, Dillon
Undergraduate presentation

MIND 182 Service Project: Boys and Girls Club
Discipline(s): Life of the Mind
Faculty Sponsor(s): Kaye Holman and Catie Rohloff
Presenter(s): Chilpala, Maggie; Wyatt, Jodi; Catlett, Justing; Hughes, Sara; Williams, Susannah; Meehan, Chesa
Undergraduate presentation

MIND 182 Service Project: Dos Rios
Discipline(s): Life of the Mind
Faculty Sponsor(s): Kaye Holman and Catie Rohloff
Presenter(s): Hernandez, Mario; Miller, Makenzie; Krantz, Catherine; Fairchild, Sam; Sanderlin, Kara; Spiegleberg, Paige; Saxton, Jerame
Undergraduate presentation
MIND 182 Service Project: Downtown Development Authority  
Discipline(s): Life of the Mind  
Faculty Sponsor(s): Kaye Holman and Catie Rohloff  
Presenter(s): Hyland, Sam; Johnson, Kate; Groves, Cody; Martinez, Zachary; Gines, Julian; Rather, Alex; Driver, Mitch  
*Undergraduate presentation*

MIND 182 Service Project: Habitat for Humanity Restore  
Discipline(s): Life of the Mind  
Faculty Sponsor(s): Kaye Holman and Catie Rohloff  
Presenter(s): Allen, Josh; Lewis, Collene; Loveridge, Nick; Earnshaw, Emily; Koppel, Lauren  
*Undergraduate presentation*

MIND 182 Service Project: Humane Society  
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MIND 182 Service Project: Senior Resource Services  
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*Undergraduate presentation*

MIND 182 Service Project: Weld Food Bank  
Discipline(s): Life of the Mind  
Faculty Sponsor(s): Kaye Holman and Catie Rohloff  
Presenter(s): Simpson, Callie; Khachaturov, Vartan; Jones, Hillary; Sullivan, Seamus; Chelsea  
*Undergraduate presentation*

Neuropsychological Functioning Among Methamphetamine Users  
Discipline(s): Psychology  
Faculty Sponsor(s): Kristina Phillips  
Presenter(s): Hedrick, Heidi; Pinkney, Shannon; Smith, Dolly; Berdahl, Miranda  
*Undergraduate presentation*

Normative Cardiorespiratory Fitness Data for Cancer Survivors and Development of Cancer-Specific Treadmill Protocol  
Discipline(s): Sports and Exercise Science  
Faculty Sponsor(s): Carole Schneider  
Presenter(s): Repka, Chris  
*Graduate presentation*
Nursing Education vs. Cathflo Use
Discipline(s): Nursing
Faculty Sponsor(s): Faye Hummel
Presenter(s): DiOrio, Adria K.
Graduate presentation

Nurturing Skills for Families Affected by Disabilities
Discipline(s): Community Health
Faculty Sponsor(s): Deborah Givray
Presenter(s): Walter, Rachel
Graduate presentation

The Children's Hospital: A Study to Determine the Efficacy of Shaken Baby Syndrome Prevention Education for the Colorado Adolescent Maternity Program (CAMP)
Discipline(s): Community Health
Faculty Sponsor(s): Deborah Givray
Presenter(s): Winer, Tabria
Graduate presentation

The Effect of Social Indifference on Stereotype-Threatened Performance
Discipline(s): Psychology
Faculty Sponsor(s): Elizabeth Pascoe
Presenter(s): Faltak, Shannon; Deese, Lauren
Undergraduate presentation

The Mechanics and History of the Sewing Machine
Discipline(s): Physics
Faculty Sponsor(s): Courtney Wills
Presenter(s): Medford, Jacqueline
Undergraduate presentation

The Role of Antioxidants in Lowering Levels of C-Reactive Protein in Cardiovascular Disease
Discipline(s): Dietetics
Faculty Sponsor(s): Alena Clark
Presenter(s): Bissel, Ashley
Undergraduate presentation

True Cost of the Common Canister: Cost/benefit analysis on the use MDIs, Metered Dose Inhalers and the Amount of Wasted Inventory When it comes to Their Use
Discipline(s): Nursing
Faculty Sponsor(s): Karen Gorton
Presenter(s): Rhodes, Tisha
Graduate presentation
Uncovering the Cost of Covers: Cost/Benefit Analysis of Linen Usage in Today’s Hospitals
Discipline(s): Nursing
Faculty Sponsor(s): Karen Gorton
Presenter(s): Hurtado, Laurie
Graduate presentation

Understanding the Sibling Relationship during times of Stress in the Family
Discipline(s): Psychology
Faculty Sponsor(s): Maria Lahman
Presenter(s): Riedel, Jessica
Graduate presentation

Ventilator-Associated Pneumonia (VAP): Cost Analysis of Silver Coated Endotracheal Tubes to Reduce Incidence of VAP
Discipline(s): Nursing
Faculty Sponsor(s): Faye Hummel
Presenter(s): Macalister, Rose S.
Graduate presentation

What do you Want to Bring Home? Cost/benefit Analysis of Hospital Based Scrubs
Discipline(s): Nursing
Faculty Sponsor(s): Karen Gorton
Presenter(s): Denney, Cara
Graduate presentation

Working with international students from Central America and the Carribean: Experiences of a Counselor in Training
Discipline(s): International Studies, Psychology, Social Science, Spanish and Acculturation
Faculty Sponsor(s): Betty Cardona
Presenter(s): Samaniego-Munoz, Karina B.
Graduate presentation
Poster Presentations

Afternoon Session

1:30 PM – 3:00 PM
Pikes Peak & Mt Evans Ballrooms

A Cost-Benefit Analysis of Utilizing Laptop Computers in a Nurse Home Visitor Program
 Discipline(s): Nursing
 Faculty Sponsor(s): Karen Gorton
 Presenter(s): Cummins, Erin E.A.
 Graduate presentation

Analysis of Benzodiazapines in a Series of Matrices by HPLC and LC-MS
 Discipline(s): Chemistry
 Faculty Sponsor(s): Richard Hyslop
 Presenter(s): Phillips, Lauren; Anderson, Kevin
 Undergraduate presentation

Children’s Response to Literature Reflecting Middle-Eastern Characters and Culture
 **RESEARCH EXCELLENCE AWARD PRESENTATION**
 Discipline(s): Elementary Education
 Faculty Sponsor(s): Suzette Youngs
 Presenter(s): Mawlawi, Dena
 Undergraduate presentation

Corporate Naming-Rights Sponsorships and Their Limited Presence in NCAA Division I Athletics: A Strategic Management Perspective
 Discipline(s): Sports and Exercise Science
 Presenter(s): Eddy, Terry
 Graduate presentation

Designing Pedagogies to Accommodate Constructivist Learning
 Discipline(s): Sports and Exercise Science
 Presenter(s): Neutzling, Misti; Pratt, Erica
 Undergraduate presentation

Division I Intercollegiate Athletic Departments Deficits and the Use of Institutional Subsidies
 Discipline(s): Sports and Exercise Science
 Presenter(s): Stewart, Rebecca
 Graduate presentation
Effects of Exercise Training on Cardiac Caspase Expression in Rats Receiving Doxorubicin and GW2974
Discipline(s): Sports and Exercise Science
Faculty Sponsor(s): Reid Hayward
Presenter(s): Greufe, Stephanie
*Graduate presentation*

Exploring Student Leadership and Development Throughout the College Experience
Discipline(s): HESAL Ph.D. Program
Faculty Sponsor(s): Flo Guido
Presenter(s): Dinise-Halter, Amy; Cole, Nate; Mullen, Chris; Smith, Tony R.
*Graduate presentation*

Factors Influencing Children’s Book Selections
Discipline(s): Elementary Education
Faculty Sponsor(s): Maria Lahman
Presenter(s): Fiedler, Krista
*Graduate presentation*

Heterosexist Guided Imagery: Going Beyond Preconceived Ideologies
Discipline(s): Anthropology, Liberal Arts, Philosophy, Psychology, Social Science and Sociology
Faculty Sponsor(s): Angela Henderson
Presenter(s): Gentis, Dustin
*Graduate presentation*

How do Nonheterosexual Alumni of Color make Meaning of their Undergraduate Experience?
Discipline(s): Sociology
Presenter(s): Jensen, Sonja; Kunstman, Bobby
*Graduate presentation*

HPLC Analysis of Doxorubicin in the Myocardia of Rats at One-Day Post-Treatment
Discipline(s): Chemistry and Biochemistry
Faculty Sponsor(s): Richard Hyslop
Presenter(s): Anderson, Jennifer
*Undergraduate presentation*

Implementing a Nutrition Education Program for Elementary School Students
Discipline(s): Dietetics
Faculty Sponsor(s): Alena Clark
Presenter(s): Raymond, Jenna
*Undergraduate presentation*

Investigating The Role of Vitamin E In Cancer Prevention
Discipline(s): Dietetics
Faculty Sponsor(s): Alena Clark
Presenter(s): Anderson, Elizabeth
*Undergraduate presentation*
Investigation of Factor that Affect Stadium Naming Rights Prices: A Case Study of the NBA
Discipline(s): Sports and Exercise Science
Presenter(s): Kang, Kee Jae
Graduate presentation

Investigation of the Inadequacy of Calcium Consumption to Increase and Maintain Bone Density
Discipline(s): Dietetics
Faculty Sponsor(s): Alena Clark
Presenter(s): McNeil, Megan
Undergraduate presentation

MIND 182 Service Project: A Woman’s Place, Inc.
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*Undergraduate presentation*

Tactics in Mini Volleyball
Discipline(s): Sports and Exercise Science
Faculty Sponsor(s): Gylton Da Matta
Presenter(s): Peterson, Whitney; Utash, Amelia; et.al.
*Undergraduate presentation*

Teaching for Transformative Experiences: A Collaboration with a Local Sixth Grade Science Teacher
Discipline(s): Psychology and Education
Faculty Sponsor(s): Kevin Pugh
Presenter(s): Russel, Cassendra; Schmidt, Karen
*Graduate presentation*

Teaching Tactics and Skills for Beginning Volleyball
Discipline(s): Sports and Exercise Science
Faculty Sponsor(s): Gylton Da Matta
Presenter(s): Morse, Jennifer; Stolba, Ashley; Sinn, Cheyenne; Jostes, Danika
*Undergraduate & Graduate Team presentation*

The Effect of pH on the Conformation of Yeast Cytochrome c Coated to Gold Particles
Discipline(s): Chemistry
Faculty Sponsor(s): Aichun Dong
Presenter(s): Brown, Corina
*Graduate presentation*
The Effect of Students' Personality Traits on Cognitive Learning Process and Satisfaction in a Computer-Mediated Communication Environment
Discipline(s): Educational Technology
Presenter(s): Akarasriworn, Chatchada
Graduate presentation

The Effects of Gentamicin on the in vitro Erythrocytic Life Cycle of the Malaria Parasite Plasmodium Falciparum
**RESEARCH EXCELLENCE AWARD PRESENTATION**
Discipline(s): Biological Sciences
Faculty Sponsor(s): Susan Keenan
Presenter(s): Vincelette, Nicole
Undergraduate presentation

The Effects of Warfare on Young African American Army Wives
Discipline(s): Psychology, Sociology and Women's Studies
Faculty Sponsor(s): Barbara Hawthorne
Presenter(s): Duncan, Stacy
Undergraduate presentation

The Psychological Connection between Strengths and Study Skills in Non-Traditional Students
**RESEARCH EXCELLENCE AWARD PRESENTATION**
Discipline(s): Communication Studies, Psychology and Higher Education
Faculty Sponsor(s): Jennifer Griffin
Presenter(s): Beal, Danny
Undergraduate presentation

The Sociology of Autism
Discipline(s): Sociology
Faculty Sponsor(s): Jeffrey A. Houser
Presenter(s): Salter, Ashleigh; Torpey, Scott; Nieder, Cassie
Undergraduate presentation

The Sociology of Body Image
Discipline(s): Sociology
Faculty Sponsor(s): Jeffrey A. Houser
Presenter(s): Jones, Kailey; Dart, Justin; Shields, Ashlee
Undergraduate presentation

The Sociology of Dialysis
Discipline(s): Sociology
Faculty Sponsor(s): Jeffrey A. Houser
Presenter(s): Vankeulen, Danielle; South, Megan; White, Melissa; Tschetter, Paul
Undergraduate presentation
The Sociology of Male Psychopathy
Discipline(s): Sociology
Faculty Sponsor(s): Jeffrey A. Houser
Presenter(s): Evans, Kelly; Fode, Christian; Aguilar, Kaelia
Undergraduate presentation

The Sociology of Stem Cell Research
Discipline(s): Sociology
Faculty Sponsor(s): Jeffrey A. Houser
Presenter(s): Maguire, Emily; Higgins, Hillary-Anne; Klinger, Matt
Undergraduate presentation

Understanding and Examining the Imposter Phenomenon from the Doctoral Student's Perspective
Discipline(s): HESAL
Faculty Sponsor(s): Flo Guido
Presenter(s): Zeeh, Steve; Craddock, Sarah; Cobb, Chris
Graduate presentation

Urinary Continence for Men: Cost/Benefit Analysis of Liberty Pouch Bladder Management vs. Incontinence Briefs, Condom Catheters and Indwelling Catheters
Discipline(s): Nursing
Faculty Sponsor(s): Karen Gorton
Presenter(s): Pacheco, Vivian
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Spruce C  Spruce B  Spruce A

Council Room

Ballrooms

Panorama Level - 3rd Floor

Panorama North  Panorama South