2011 Research Day Program

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Research Day 2011

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 7, 2011
University Center

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

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Academic Affairs
Academic Excellence Week Committee
Graduate School
Graduate Student Association
MAST Institute
Office of Sponsored Programs
School of Biological Sciences
Student Honors Council
Student Activities
Student Senate
University Scheduling and Events

Lunchtime music provided by
Jenna McSwain
UNC Graduate Student
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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 $100 Barnes and Noble Gift Card, and the overall top presentation receives a $500 Gift Voucher for a purchase at Bear Logic.

Oral Research Excellence Presentations
All Presentations are in the Council Room

Session 5
10:20 - 10:35 in the Morning

Assessing the Availability and Acceptability of Healthy Children's Menu Choices in Sit-Down Restaurants
Research Excellence Award Finalist
Discipline(s): Dietetics
Faculty Sponsor(s): Clark, Alena
Presenter(s): Ehrlich, Megan
Undergraduate Presentation

Session 6
10:40 - 10:55 in the Morning

Interpersonal Sensitivity and Body Image across Gender
Research Excellence Award Finalist
Discipline(s): Clinical Counseling, Psychology
Faculty Sponsor(s): O'Halloran, Mary Sean
Presenter(s): Haugland, Regina
Undergraduate Presentation
Session 7
11:00 - 11:15 in the Morning

The Jenkins Orphanage Bands of Charleston, South Carolina
Research Excellence Award Finalist
Discipline(s): Africana Studies, Educational Leadership, Music Education, Music, Sociology
Faculty Sponsor(s): White, Jim
Presenter(s): McSwain, Jenna
Graduate Presentation

Session 8
11:20 - 11:35 in the Morning

Understanding English as a Second Language Acquisition Processes: Findings from ESL pre-service teachers' studies of local learners and schools. Part II
Research Excellence Award Finalist
Faculty Sponsor(s): Romero, Deborah
Presenter(s): Denney, Shelby; Herrera, Dulce; Young, Kelsey
Undergraduate and Faculty Presentation Presentation

Session 10
01:00 - 01:15 in the Afternoon

The Effect of Cancer Stage on Physiological and Psychological Parameters Following Supervised Exercise Training
Research Excellence Award Finalist
Discipline(s): Sport & Exercise Science
Faculty Sponsor(s): Schneider, Carole
Presenter(s): Greufe, Stephanie
Graduate Presentation

Session 11
01:20 - 01:35 in the Afternoon

Voice Your Health – Determining elementary school students perceived “hinders” and “helpers” to leading a healthy lifestyle
Research Excellence Award Finalist
Discipline(s): Dietetics, Nutrition
Faculty Sponsor(s): Clark, Alena
Presenter(s): Stewart, Mindy
Undergraduate Presentation
Session 12
01:40-01:55 in the Afternoon

Research in the Effectiveness of Style and Memory Use in Advertising Campaigns
Research Excellence Award Finalist
Discipline(s): Business Administration, Communication Studies
Faculty Sponsor(s): Allen, Lin
Presenter(s): Anderson, Suzannah
Graduate Presentation

Session 13
02:00 - 02:15 in the Afternoon

Potential Therapeutic use of Transforming Growth Factor –β for Treatment of Hantavirus Cardiopulmonary Syndrome
Research Excellence Award Finalist
Discipline(s): Biological Sciences
Faculty Sponsor(s): Schountz, Tony
Presenter(s): James, Stephanie
Graduate Presentation

Session 14
02:20 - 02:35 in the Afternoon

Effective Literacy Instruction for Young English Language Learners: Components of the Ideal Learning Environment
Research Excellence Award Finalist
Discipline(s): Interdisciplinary Studies
Faculty Sponsor(s): Guccione, Lindsey
Presenter(s): Ellis, Jessica
Graduate Presentation

Session 15
02:40 - 02:55 in the Afternoon

Augmented Reality in Learning and Training
Research Excellence Award Finalist
Discipline(s): Educational Technology
Faculty Sponsor(s): Ku, Heng-Yu
Presenter(s): Lee, Kang
Graduate Presentation
Poster Research Excellence Presentations
All are in Mt. Evans Ballroom

Poster Session 1
10:30 - 11:30 in the Morning

Effects of Traumatic Brain Injury (TBI) on Cognitive Control Processes
Research Excellence Award Finalist
Discipline(s): Psychology
Faculty Sponsor(s): Bashore, Theodore
Presenter(s): Kanoff, Kristen
Undergraduate Presentation

Endurance Exercise Attenuates Cardiotoxicity Induced by Androgen Deprivation and Doxorubicin
Research Excellence Award Finalist
Discipline(s): Sport & Exercise Science
Faculty Sponsor(s): Hayward, Reid
Presenter(s): Parry, Traci
Graduate Presentation

The Role of Support in College Adjustments for Veterans
Research Excellence Award Finalist
Discipline(s): Counseling Psychology
Faculty Sponsor(s): Softas-Nall, Basilia
Presenter(s): Inga, Ann; Peters, Annette; Softas-Nall, Basilia
Graduate and Faculty Presentation
Biology Poster Session
12:00 - 01:00 in the Lunch

Inhibition of MCF-7 Breast Cancer Cell Proliferation by Using Snake Venom Purified Proteins: Exploring New Possibilities in Drug Development
Research Excellence Award Finalist
Discipline(s): Biological Sciences
Faculty Sponsor(s): Mackessy, Stephen
Presenter(s): Broughton, Brianne
Undergraduate Presentation

Species Diversification in Eriogonum umbellatum var. aureum, majus, and umbellatum in the Colorado Rocky Mountains
Research Excellence Award Finalist
Discipline(s): Biological Sciences
Faculty Sponsor(s): McGloughlin, Mitchell
Presenter(s): Arcibal, Erica
Undergraduate Presentation

Poster Session 2

Early Identification and Intervention for Infant and Toddlers with Autism Spectrum Disorder
Research Excellence Award Finalist
Discipline(s): Special Education
Faculty Sponsor(s): Banerjee, Rashida
Presenter(s): Lin, Feng-Chen; Andrade, Supattra
Graduate Presentation

Making Meaning of Student Success in Undergraduate Education: Perspectives of Faculty
Research Excellence Award Finalist
Discipline(s): Higher Education & Student Affairs Leadership
Faculty Sponsor(s): Guido, Flo
Presenter(s): Langston, Randall; Steward, David; Mildrexler, Janella; Romero de la Torre, Aldo
Graduate Presentation

Oxidative Stress and Hematological Responses to Multimodal Exercise in a Cancer Survivor Receiving High-Dose Chemotherapy
Research Excellence Award Finalist
Discipline(s): Sport & Exercise Science
Faculty Sponsor(s): Schneider, Carole
Presenter(s): Repka, Christopher
Graduate Presentation
Rationalization and Iron Cage: A Critique of Students' Perceptions of Higher Education
Research Excellence Award Finalist
Discipline(s): Sociology
Faculty Sponsor(s): Henderson, Angela
Presenter(s): Quinn, Andrew
Undergraduate Presentation

Youth Recreational Firearm User’s Shooting Habits, Use of Hearing Protection Devices and Self-Assessed Auditory Status
Research Excellence Award Finalist
Discipline(s): Audiology & Speech-Language Sciences
Faculty Sponsor(s): Meinke, Deanna
Presenter(s): Howerton, Kayla
Undergraduate Presentation
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!

Session 4
10:00 - 10:15 in the Morning
Aspen B
Music as a Memory Tool in the Secondary Spanish Classroom
Discipline(s): Educational Studies, Foreign Languages, Spanish
Faculty Sponsor(s): Romero, Deborah
Presenter(s): Walsh, Jennifer
Undergraduate Presentation

Session 6
10:40 - 10:55 in the Morning
Council Room
Interpersonal Sensitivity and Body Image across Gender
Research Excellence Award Finalist
Discipline(s): Clinical Counseling, Psychology
Faculty Sponsor(s): O'Halloran, Sean
Presenter(s): Haugland, Regina
Undergraduate Presentation

Session 7
11:00 - 11:15 in the Morning
Aspen B
** Multiple Session Presentation -Sessions 7, 8**
Technically Art: An Exploration Through the Fine Art of Theatrical Scenic Design and its Evolution and Development into a Performing and Collaborative Art
Discipline(s): Art & Design, Theatre Arts
Faculty Sponsor(s): Schuttler, Mary
Presenter(s): Vicek, Brienna
Undergraduate Presentation
**Session 8**  
11:20 - 11:35 in the Morning  

Aspen B  
** Multiple Session Presentation -Sessions 7, 8**  
Technically Art: An Exploration Through the Fine Art of Theatrical Scenic Design and its Evolution and Development into a Performing and Collaborative Art  
Discipline(s): Art & Design, Theatre Arts  
Faculty Sponsor(s): Schuttler, Mary  
Presenter(s): Vicek, Brienna  
Undergraduate Presentation  

**Session 10**  
01:00 - 01:15 in the Afternoon  

Aspen B  
Reforming the One-Child Policy  
Discipline(s): Economics, Interdisciplinary Studies, Political Science, Public Health  
Faculty Sponsor(s): Low, Michelle  
Presenter(s): Kennedy, Matthew  
Undergraduate Presentation  

**Session 11**  
01:20 - 01:35 in the Afternoon  

Aspen B  
Detecting response bias using the Test of Memory Malingering and the D-KEFS Tower Test  
Discipline(s): Psychology  
Faculty Sponsor(s): Dunn, Thomas  
Presenter(s): Lowe, Elizabeth  
Undergraduate Presentation  

**Session 14**  
02:20 - 02:35 in the Afternoon  

Council Room  
Effective Literacy Instruction for Young English Language Learners: Components of the Ideal Learning Environment  
Research Excellence Award Finalist  
Discipline(s): Interdisciplinary Studies  
Faculty Sponsor(s): Guccione, Lindsey  
Presenter(s): Ellis, Jessica  
Graduate Presentation
Session 15  
02:40 - 02:55 in the Afternoon  
Aspen B  
Multilevel Selection and its Affect on the Evolution of Homo Neandertalensis  
Discipline(s): Anthropology  
Faculty Sponsor(s): Wanner, James  
Presenter(s): Lancaster, Tracey  
Undergraduate Presentation  

Poster Session 1  
10:30 - 11:30 in the Morning  

African Art History in the Secondary Educational Setting  
Discipline(s): Art & Design, History  
Faculty Sponsor(s): Coronel, Chip  
Presenter(s): McDonald, Erin  
Undergraduate Presentation  

Mexican American Ethnic Identity Development In Middle School Students  
Discipline(s): Mexican American Studies  
Faculty Sponsor(s): Crow, Loree  
Presenter(s): Ruesgen, Ashley  
Undergraduate Presentation
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.

Session 8
11:20 - 11:35 in the Morning

Aspen A
Integrating the Best of Both Worlds/Integrando lo Mejor de Ambos Mundos: Influences on the Adjustment Process of Mexican-origin College Students
Discipline(s): Sociology
Faculty Sponsor(s): Nelscon, Kyle
Presenter(s): Infante, Michel
Undergraduate Presentation

Session 14
02:20 - 02:35 in the Afternoon

Aspen A
Democracy through Globalization and Market Reform
Discipline(s): Economics, Interdisciplinary Studies
Faculty Sponsor(s): Fong, Adam
Presenter(s): Ballard, Ryan
Undergraduate Presentation

Poster Session 1
10:30 - 11:30 in the Morning

An Analysis of Black Students’ Journeys and Attitudes at a Predominantly White Institution
Discipline(s): Africana Studies
Faculty Sponsor(s): Junne, George,
Presenter(s): Long, Azhia
Undergraduate Presentation

Common Experiences Amongst Victims of Residential Burglary Who Report Their Victimization
Discipline(s): Criminal Justice, Psychology
Faculty Sponsor(s): West-Smith, Mary
Presenter(s): Rascon, Nora
Undergraduate Presentation
Division I Student Athletes: The Relationship between Stress and Academic Performance
Discipline(s): Sociology
Faculty Sponsor(s): Moore, Mel
Presenter(s): Cove, Nicole
Undergraduate Presentation

Effect of Altitude on the Thiele-Small Parameters
Discipline(s): Physics
Faculty Sponsor(s): Willis, Courtney
Presenter(s): Alcala, Diego
Undergraduate Presentation

Effects of False-Evidence Ploys and Expert Testimony on Judge’s Verdicts: Recommended Sentences, and Perceptions of Confession Evidence
Discipline(s): Psychology
Faculty Sponsor(s): Woody, William
Presenter(s): Sanchez, Lourdes
Undergraduate Presentation

Effects of Traumatic Brain Injury (TBI) on Cognitive Control Processes
Research Excellence Award Finalist
Discipline(s): Psychology
Faculty Sponsor(s): Bashore, Theodore
Presenter(s): Kanoff, Kristen
Undergraduate Presentation

How Mass Consumption Affected the Political Campaigns of John F. Kennedy and Richard Nixon and the Outcome of the 1960 Presidential Election
Discipline(s): History
Faculty Sponsor(s): Haberman, Aaron
Presenter(s): Luthye, Mandy
Undergraduate Presentation

Human Sex Differences in Frequency of Using Modern Technology to Access Erotica
Discipline(s):
Faculty Sponsor(s): Dunn, Thomas
Presenter(s): Hooks, Toni
Undergraduate Presentation

Influence of Grandparents on First-Generation College Students
Discipline(s): Educational Studies
Faculty Sponsor(s): Chase, Sarah
Presenter(s): Herrington, Brittany
Undergraduate Presentation
The Decoding of Symbols within the Courtroom
Discipline(s): Communication Studies, Political Science
Faculty Sponsor(s): Jones-Brown, Kenya
Presenter(s): Britt, Jamie
Undergraduate Presentation

The Effects of Marijuana Use on College Students
Discipline(s): Psychology
Faculty Sponsor(s): Phillips, Kristina
Presenter(s): Singley, Stautcia
Undergraduate Presentation
The School of Biological Sciences

Presents the

5th Annual
Graduate Student
Research Symposium
University Center Longs Peak Ballroom
9 AM – 5 PM

Undergraduate Research
Biology Poster Presentations
University Center Mt Evans & Pikes Peak Ballrooms
Noon – 1:00 PM
Oral Research Presentations

April 7, 2011
9:00 AM – 4:00 PM
University Center
Aspen Suites
Columbine Suites
Council Room
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.
**Session 1**
09:00 - 09:15 in the Morning

**Aspen C**
**Multiple Session Presentation -Sessions 1, 2**
**Working Through Group Conflict: Lessons from Theory and Life**
Discipline(s): Communication Studies, Psychology
Faculty Sponsor(s): Muller, Heidi
Presenter(s): Bonds, Rhonda; Lewis, Janelle; Macias, Odil; Muller, Heidi;
Undergraduate and Faculty Presentation

**Columbine A**
**Multiple Session Presentation -Sessions 1, 2**
**Leptin and Estrogen Stimulate Endometrial Cancer Cell Proliferation through the Jak/Stat and ERK Signaling Pathways in Obese Persons**
Discipline(s): Public Health, Community Health, Education
Faculty Sponsor(s): Givray, Deborah
Presenter(s): Seidu, RoseMadodzi A.
Graduate Presentation

**Columbine B**
**Effect of Learning Academy Intervention Model on Hispanic Student Achievement**
Discipline(s): Educational Psychology
Faculty Sponsor(s): Karlin, Nancy
Presenter(s): Rodriguez, Paula
Graduate Presentation

**Spruce A**
"La importancia de ser bilingüe"
Discipline(s): Foreign Languages, Spanish
Faculty Sponsor(s): Garza, Efrain
Presenter(s): Arevalo, Deisy; Camacho, Esther; Cruz, Carlos; de la Torre, Susana;
Gallegos, Rosaryo; Guerrero-Munoz, Nanci; Hierro, Elsa; Ramos, Mary; Vazquez, Maria
Undergraduate Presentation

**Spruce B**
**Multiple Session Presentation -Sessions 1, 2, 3**
**The Bronte Sisters and Victorian Feminism**
Discipline(s): English
Faculty Sponsor(s): Varner, Leo
Presenter(s): Birdsall, Mary; Lindstadt, Abigail; McCahan, Johanna; McCurley, Karen; Walbeck, Diane
Graduate Presentation
Spruce C
Language Education for Indigenous Children: A Case Study of an Indigenous Elementary School in Taiwan
Discipline(s): Educational Studies, English, Foreign Languages
Faculty Sponsor(s): Milian, Madeline
Presenter(s): Chen, Cheng-Kan
Graduate Presentation
Session 2
09:20 - 09:35 in the Morning

Aspen B
“La hechicería y el amor ilícito en La Celestina”
Discipline(s): Hispanic Studies
Faculty Sponsor(s): Garza, Efrain
Presenter(s): Leyva, José Miguel
Undergraduate Presentation

Aspen C
** Multiple Session Presentation -Sessions 1, 2**
Working Through Group Conflict: Lessons from Theory and Life
Discipline(s): Communication Studies, Psychology
Faculty Sponsor(s): Muller, Heidi
Presenter(s): Bonds, Rhonda; Lewis, Janelle; Macias, Odil; Muller, Heidi;
Undergraduate and Faculty Presentation Presentation

Columbine A
** Multiple Session Presentation -Sessions 1, 2**
Leptin and Estrogen Stimulate Endometrial Cancer Cell Proliferation through the Jak/Stat and ERK Signaling Pathways in Obese Persons
Discipline(s): Public Health, Community Health, Education
Faculty Sponsor(s): Givray, Deborah
Presenter(s): Seidu, RoseMadodzi A.
Graduate Presentation

Columbine B
Discourse Variation between Online Mathematics Sections
Discipline(s): Educational Mathematics
Faculty Sponsor(s): Powers, Robert
Presenter(s): Goss, Melissa; Glassmeyer, David
Graduate Presentation

Spruce A
The Cinematic Representation on the U.S.-Mexico Border
Discipline(s): Spanish
Faculty Sponsor(s): Park, Jungwon
Presenter(s): Garcia, Jena; Herrera, Dulce; Moreno, Velia; Rascon, Leticia
Undergraduate Presentation
Spruce B

**Multiple Session Presentation -Sessions 1, 2, 3**

**The Bronte Sisters and Victorian Feminism**
Discipline(s): English
Faculty Sponsor(s): Varner, Leo
Presenter(s): Birdsall, Mary; Lindstadt, Abigail; McCahan, Johanna; McCurley, Karen; Walbeck, Diane
Graduate Presentation

Spruce C

**Multiple Session Presentation -Sessions 2, 3**

**Family Studies Research**
Discipline(s): Sociology
Faculty Sponsor(s): Moore, Mel
Presenter(s): Cove, Nicole; Morado, Amanda
Graduate Presentation
Session 3
09:40 - 09:55 in the Morning

Aspen C
Feed it Forward
Discipline(s): Communication Studies
Faculty Sponsor(s): Allen, Lin
Presenter(s): Peth, Scott
Undergraduate Presentation

Columbine B
The Dynamic Visualization of Complex Variables: The Case of Ricardo
Discipline(s): Mathematics
Faculty Sponsor(s): Oehrtman, Michael
Presenter(s): Rozner, Sarah
Graduate Presentation

Spruce A
Saif al-Islam al-Gaddafi - Ultimate Terms in Address to the Libyan People
Discipline(s): Communication Studies
Faculty Sponsor(s): Allen, Lin
Presenter(s): Dinges, Jay
Graduate Presentation

Spruce B
**Multiple Session Presentation -Sessions 1, 2, 3**
The Bronte Sisters and Victorian Feminism
Discipline(s): English
Faculty Sponsor(s): Varner, Leo
Presenter(s): Birdsall, Mary; Lindstadt, Abigail; McCahan, Johanna; McCurley, Karen; Walbeck, Diane
Graduate Presentation

Spruce C
**Multiple Session Presentation -Sessions 2, 3**
Family Studies Research
Discipline(s): Sociology
Faculty Sponsor(s): Moore, Mel
Presenter(s): Cove, Nicole; Morado, Amanda
Graduate Presentation
Session 4
10:00 - 10:15 in the Morning

Aspen A
**Multiple Session Presentation - Sessions 4, 5**
Understanding English as a Second Language Acquisition Processes: Findings from ESL pre-service teachers’ studies of local learners and schools. Part II
Research Excellence Award Finalist
Discipline(s): Educational Studies
Faculty Sponsor(s): Romero, Deborah
Presenter(s): Denney, Shelby; Herrera, Dulce; Young, Kelsey
Undergraduate and Faculty Presentation

Aspen B
Music as a Memory Tool in the Secondary Spanish Classroom
Discipline(s): Educational Studies, Foreign Languages, Spanish
Faculty Sponsor(s): Romero, Deborah
Presenter(s): Walsh, Jennifer
Undergraduate Presentation

Aspen C
Habitat Use by Bats in Forested, Edge, and Clear-cut Ponderosa Pine Forest in Boulder County, Colorado
Discipline(s): Biology
Faculty Sponsor(s): Adams, Rick
Presenter(s): Craven, Katelin
Graduate Presentation

Columbine B
**Multiple Session Presentation -Sessions 4, 5, 6**
History that moved the Earth - from Babylon to Einstein
Discipline(s): Educational Mathematics
Faculty Sponsor(s): Szczyrba, Igor
Presenter(s): Thomas, Denise
Graduate Presentation

Spruce A
**Multiple Session Presentation -Sessions 4, 5**
Developing Multicultural Curriculum to Teach K-12 Bilingual Students about Immigration, Migration, and Diaspora: Part A
Discipline(s): No listing
Faculty Sponsor(s): Franklin, Elizabeth
Presenter(s): Grooms, Ashley; Gurule, Sara; Orange, Andrea; Wisner, Kathryn
Undergraduate and Faculty Presentation
Spruce C
** Multiple Session Presentation -Sessions 4, 5**
Improving Healthy Fresh Food Access in Weld County Through the Development of a Year-Round Farmers' Market
Discipline(s): Public Health
Faculty Sponsor(s): Givray, Deborah
Presenter(s): Glendenning, Andrew
Graduate Presentation
Session 5
10:20 - 10:35 in the Morning

Aspen A
**Multiple Session Presentation - Sessions 4, 5**
Understanding English as a Second Language Acquisition Processes: Findings from ESL pre-service teachers’ studies of local learners and schools. Part II
Research Excellence Award Finalist
Discipline(s): Educational Studies
Faculty Sponsor(s): Romero, Deborah
Presenter(s): Denney, Shelby; Herrera, Dulce; Young, Kelsey
Undergraduate and Faculty Presentation Presentation

Aspen B
“Los efectos del franquismo en la literatura española”
Discipline(s): Hispanic Studies
Faculty Sponsor(s): Garza, Efrain
Presenter(s): Escobar-Fredericks, Melissa
Undergraduate Presentation

Aspen C
Disordered Eating Among Female Collegiate Athletics: Athletic Identity, Perceived Sport Competence, and Self-Esteem
Discipline(s): Counseling Psychology
Faculty Sponsor(s): O’Halloran, Mary Sean
Presenter(s): Walker, Richelle
Graduate Presentation

Columbine B
** Multiple Session Presentation -Sessions 4, 5, 6**
History that moved the Earth - from Babylon to Einstein
Discipline(s): Educational Mathematics
Faculty Sponsor(s): Szczyrba, Igor
Presenter(s): Thomas, Denise
Graduate Presentation

Council Room
Assessing the Availability and Acceptability of Healthy Children’s Menu Choices in Sit-Down Restaurants
Research Excellence Award Finalist
Discipline(s): Dietetics
Faculty Sponsor(s): Clark, Alena
Presenter(s): Ehrlich, Megan
Undergraduate Presentation
Spruce A
** Multiple Session Presentation -Sessions 4, 5**
**Developing Multicultural Curriculum to Teach K-12 Bilingual Students about Immigration, Migration, and Diaspora: Part A**
Faculty Sponsor(s): Franklin, Elizabeth
Presenter(s): Grooms, Ashley; Gurule, Sara; Orange, Andrea; Wisner, Kathryn
Undergraduate and Faculty Presentation Presentation

Spruce B
**The Effects of Incorporating Problem Solving in the Geometry Classroom**
Discipline(s): Educational Mathematics
Faculty Sponsor(s): Powers, Robert
Presenter(s): Carpine, Kelly
Graduate Presentation

Spruce C
** Multiple Session Presentation -Sessions 4, 5**
**Improving Healthy Fresh Food Access in Weld County Through the Development of a Year- Round Farmers’ Market**
Discipline(s): Public Health
Faculty Sponsor(s): Givray, Deborah
Presenter(s): Glendenning, Andrew
Graduate Presentation
Session 6
10:40 - 10:55 in the Morning

Aspen C
Intermediate-and High-Mass Star-Forming Regions: Making Stars at Mass Column Densities < 1g/cm/cm
Faculty Sponsor(s): Lalonde, Trent
Presenter(s): Riggs, Jamie
Graduate Presentation

Columbine B
** Multiple Session Presentation -Sessions 4, 5, 6**
History that moved the Earth - from Babylon to Einstein
Discipline(s): Educational Mathematics
Faculty Sponsor(s): Szczyrba, Igor
Presenter(s): Thomas, Denise
Graduate Presentation

Council Room
Interpersonal Sensitivity and Body Image across Gender
Research Excellence Award Finalist
Discipline(s): Clinical Counseling, Psychology
Faculty Sponsor(s): O'Halloran, Mary Sean
Presenter(s): Haugland, Regina
Undergraduate Presentation

Spruce A
** Multiple Session Presentation -Sessions 6, 7**
Developing Multicultural Curriculum to Teach K-12 Bilingual Students about Immigration, Migration, and Diaspora: Part B
Discipline(s):
Faculty Sponsor(s): Franklin, Elizabeth
Presenter(s): Billings, Alexandra; Johnson, Janelle; Schleicher, Sarah; Sheridan, Kelly; Vazquez, Zoraya
Undergraduate and Faculty Presentation Presentation

Spruce B
An Examination of China's Explosive Growth: Is China's High Savings Rate a Sign of Prosperity or Doubt?
Discipline(s): Economics, Political Science
Faculty Sponsor(s): Bownas, Richard
Presenter(s): Montano, Andrea
Undergraduate Presentation
Spruce C

**Multiple Session Presentation - Sessions 6, 7**

Understanding English as a Second Language Acquisition Processes: Findings from ESL pre-service teachers’ studies of local learners and schools. Part I.

Faculty Sponsor(s): Romero, Deborah

Presenter(s): Bay, Becca; Cingoranelli, Danielle; Lutjens, Erika

Undergraduate and Faculty Presentation Presentation
Session 7
11:00 - 11:15 in the Morning

Aspen A
The Effect of Dissonant Tones on Emotion Perception: Surprise vs. Fear
Discipline(s): Peterson, Eric
Faculty Sponsor(s): Peterson, Eric
Presenter(s): Broeker, Nicholas
Undergraduate Presentation

Aspen B
** Multiple Session Presentation -Sessions 7, 8**
Technically Art: An Exploration Through the Fine Art of Theatrical Scenic Design and its Evolution and Development into a Performing and Collaborative Art
Discipline(s): Art & Design, Theatre Arts
Faculty Sponsor(s): Schuttler, Mary
Presenter(s): Vicek, Brienna
Undergraduate Presentation

Aspen C
The Metaphor: A Remedy to Misunderstanding
Discipline(s): Communication Studies
Faculty Sponsor(s): Romero, Christina
Presenter(s): Romero, Christina
Graduate Presentation

Columbine B
In search of new space in the U.S.-Mexico Borderlands
Discipline(s): Spanish
Faculty Sponsor(s): Park, Jungwon
Presenter(s): Castorena, Roman; Pina-Green, Hatzyry; Vargas, Rodolfo
Undergraduate Presentation

Council Room
The Jenkins Orphanage Bands of Charleston, South Carolina
Research Excellence Award Finalist
Discipline(s): Africana Studies, Educational Leadership, Music Education, Music, Sociology
Faculty Sponsor(s): White, Jim
Presenter(s): McSwain, Jenna
Graduate Presentation
Spruce A

**Multiple Session Presentation - Sessions 6, 7**

**Developing Multicultural Curriculum to Teach K-12 Bilingual Students about Immigration, Migration, and Diaspora: Part B**
Faculty Sponsor(s): Franklin, Elizabeth
Presenter(s): Billings, Alexandra; Johnson, Janelle; Schleicher, Sarah; Sheridan, Kelly; Vazquez, Zoraya
Undergraduate and Faculty Presentation Presentation

Spruce B

**Community Engagement and Internship Projects**

Discipline(s): Mexican American Studies
Faculty Sponsor(s): Falcon, Priscilla
Presenter(s): Carter, Sean; Claudio, Jacob; Infante, Michel; Juarez, Norma; Rae, Zachary; Ruesgen, Ashley
Undergraduate Presentation

Spruce C

**Multiple Session Presentation - Sessions 6, 7**

**Understanding English as a Second Language Acquisition Processes: Findings from ESL pre-service teachers’ studies of local learners and schools. Part I.**
Faculty Sponsor(s): Romero, Deborah
Presenter(s): Bay, Becca; Cingoranelli, Danielle; Lutjens, Erika
Undergraduate and Faculty Presentation Presentation
Session 8
11:20 - 11:35 in the Morning

Aspen A
Integrated the Best of Both Worlds/Integrando lo Mejor de Ambos Mundos: Influences on the Adjustment Process of Mexican-origin College Students
Discipline(s): Sociology
Faculty Sponsor(s): Nelscon, Kyle
Presenter(s): Infante, Michel
Undergraduate Presentation

Aspen B
** Multiple Session Presentation - Sessions 7, 8**
Technically Art: An Exploration Through the Fine Art of Theatrical Scenic Design and its Evolution and Development into a Performing and Collaborative Art
Discipline(s): Art & Design, Theatre Arts
Faculty Sponsor(s): Schuttler, Mary
Presenter(s): Vicek, Brienna
Undergraduate Presentation

Aspen C
Leadership and Innovation
Discipline(s): Business Administration
Faculty Sponsor(s): Clinebell, Sharon
Presenter(s): Waite, Kristin
Undergraduate Presentation

Council Room
**Multiple Session Presentation - Sessions 8, 9**
Understanding English as a Second Language Acquisition Processes: Findings from ESL pre-service teachers’ studies of local learners and schools. Part II Research Excellence Award Finalist
Faculty Sponsor(s): Romero, Deborah
Presenter(s): Denney, Shelby; Herrera, Dulce; Young, Kelsey
Undergraduate and Faculty Presentation Presentation

Spruce A
Hybrid Cultures and the U.S.-Mexico Borderlands
Discipline(s): Spanish
Faculty Sponsor(s): Park, Jungwon
Presenter(s): Maxey, Kelsey; McCullough, Amy; Ybarra, Richard
Undergraduate Presentation
Spruce C
Precision taught bio-calculus: An ethnographic case study
Discipline(s): Biological Sciences, Educational Mathematics
Faculty Sponsor(s): Lahman, Maria
Presenter(s): Christopher, Brian; Dibbs, Becky-Anne
Graduate Presentation
Session 9
11:40 - 11:55 in the Morning

Aspen C
“Does solar energy make sense?”
Discipline(s): Business Administration
Faculty Sponsor(s): Newmark, Richard
Presenter(s): Cucarola, Aimee
Graduate Presentation

Spruce A
The Status and Portrayal of Women From the Tokugawa Period to Modern Day
Discipline(s): History
Faculty Sponsor(s): Fong, Adam
Presenter(s): Rasson, Jonathan
Undergraduate Presentation

Spruce C
Mexican American Family Literacy and The Success of The Family To Learn to Read, Speak, and Write In English
Discipline(s): Sociology
Faculty Sponsor(s): Moore, Mel
Presenter(s): Higgins, Hillary
Graduate Presentation
Session 10
01:00 - 01:15 in the Afternoon

Aspen B
Reforming the One-Child Policy
Discipline(s): Economics, Interdisciplinary Studies, Political Science, Public Health
Faculty Sponsor(s): Low, Michelle
Presenter(s): Kennedy, Matthew
Undergraduate Presentation

Columbine A
"** Multiple Session Presentation -Sessions 10, 11, 12**"
How Do You Teach Mexican American Students With Skill and Cultural Competence?
Discipline(s): Educational Studies, Educational Leadership, Educational Mathematics, Educational Psychology, Mexican American Studies, Psychology
Faculty Sponsor(s): Canales, Genie
Presenter(s): Owsley, Kendra; Reffel, Scott; White, Nicolle
Undergraduate Presentation

Columbine B
Positive Extensions of Mattices Indexed by a Homogeneous Tree
Discipline(s): Mathematics
Faculty Sponsor(s): Soto-Johnson, Hortensia
Presenter(s): Garcia, Jeremy
Undergraduate Presentation

Council Room
The Effect of Cancer Stage on Physiological and Psychological Parameters Following Supervised Exercise Training
Research Excellence Award Finalist
Discipline(s): Sport & Exercise Science
Faculty Sponsor(s): Schneider, Carole
Presenter(s): Greufe, Stephanie
Graduate Presentation

Spruce A
Emerging U.S-Mexico Border Cultures
Discipline(s): Spanish
Faculty Sponsor(s): Park, Jungwon
Presenter(s): Carter, Sean; Leyva-Esquivel, Jose; Rae, Zachary
Undergraduate Presentation
Session 11
01:20 - 01:35 in the Afternoon

Aspen B
Detecting response bias using the Test of Memory Malingering and the D-KEFS Tower Test
Discipline(s): Psychology
Faculty Sponsor(s): Dunn, Thomas
Presenter(s): Lowe, Elizabeth
Undergraduate Presentation

Aspen C
Secrets of the Jade Dragon: Sexuality and Globalization in China
Discipline(s): Foreign Languages, History, Interdisciplinary Studies
Faculty Sponsor(s): Low, Michelle
Presenter(s): Dong, Rui
Undergraduate Presentation

Columbine A
** Multiple Session Presentation -Sessions 10, 11, 12**
How Do You Teach Mexican American Students With Skill and Cultural Competence?
Discipline(s): Educational Studies, Educational Leadership, Educational Mathematics, Educational Psychology, Mexican American Studies, Psychology
Faculty Sponsor(s): Canales, Genie
Presenter(s): Owsley, Kendra; Reffel, Scott; White, Nicolle
Undergraduate Presentation

Council Room
Voice Your Health – Determining elementary school students perceived “hinders” and “helpers” to leading a healthy lifestyle
Research Excellence Award Finalist
Discipline(s): Dietetics, Nutrition
Faculty Sponsor(s): Clark, Alena
Presenter(s): Stewart, Mindy
Undergraduate Presentation

Spruce A
Colonial Latin America
Discipline(s): Spanish
Faculty Sponsor(s): Park, Jungwon
Presenter(s): Chavez, Erick; Garcia, Jena; Ramos, Mary; Vargas, Rodolfo
Undergraduate Presentation
Spruce B
A Bayesian approach to classroom quiz data.
Discipline(s): Applied Statistics & Research Methods
Faculty Sponsor(s): Kaufeld, Kimberly
Presenter(s): Kaufeld, Kimberly
Graduate Presentation
Session 12
01:40 - 01:55 in the Afternoon

Aspen C
Contemporary Authors on China's Digital Frontier: Voices of China's Youth
Discipline(s): Foreign Languages, Interdisciplinary Studies
Faculty Sponsor(s): Low, Michelle
Presenter(s): Lynch, Erin
Undergraduate Presentation

Columbine A
** Multiple Session Presentation -Sessions 10, 11, 12**
How Do You Teach Mexican American Students With Skill and Cultural Competence?
Discipline(s): Educational Studies, Educational Leadership, Educational Mathematics, Educational Psychology, Mexican American Studies, Psychology
Faculty Sponsor(s): Canales, Genie
Presenter(s): Owsley, Kendra; Reffel, Scott; White, Nicolle
Undergraduate Presentation

Council Room
Research in the Effectiveness of Style and Memory Use in Advertising Campaigns
Research Excellence Award Finalist
Discipline(s): Business Administration, Communication Studies
Faculty Sponsor(s): Allen, Lin
Presenter(s): Anderson, Suzannah
Graduate Presentation

Aspen C
The Effects of Centralized Fiscal Reform on Rural Chinese Development
Discipline(s): Economics, Interdisciplinary Studies, Political Science
Faculty Sponsor(s): Bownas, Richard
Presenter(s): Murphy, Conner
Undergraduate Presentation

Columbine A
** Multiple Session Presentation -Sessions 13, 14**
Employee Loyalty: An Analysis of Contributing Factors
Discipline(s): Business Administration
Faculty Sponsor(s): Clinebell, Sharon
Presenter(s): Johnson, Sara; Peters, William
Undergraduate Presentation
Session 13
02:00 - 02:15 in the Afternoon

Council Room
Potential Therapeutic Use of Transforming Growth Factor –β for Potential Treatment of Hantavirus Cardiopulmonary Syndrome
Research Excellence Award Finalist
Discipline(s): Biological Sciences
Faculty Sponsor(s): Schountz, Tony
Presenter(s): James, Stephanie
Graduate Presentation

Spruce A
An Analysis of Job Satisfaction in the Workplace
Discipline(s): Business Administration
Faculty Sponsor(s): Clinebell, Sharon
Presenter(s): Fuller, Levi
Undergraduate Presentation

Spruce B
Demystifying Homelessness: A Phenomenological Approach to Understanding Living Without a Home
Discipline(s): Counseling Psychology, Psychology, Sociology
Faculty Sponsor(s): Rue, Lisa
Presenter(s): Walters, Meag-gan
Graduate Presentation

Spruce C
The Elusive Rank 9: Finding Elliptic Curves of High Rank
Discipline(s): Mathematics
Faculty Sponsor(s): Soto-Johnson, Hortensia
Presenter(s): Nesbitt, Keatra
Undergraduate Presentation
Session 14
02:20 - 02:35 in the Afternoon

Aspen A
Democracy through Globalization and Market Reform
Discipline(s): Economics, Interdisciplinary Studies
Faculty Sponsor(s): Fong, Adam
Presenter(s): Ballard, Ryan
Undergraduate Presentation

Columbine A
** Multiple Session Presentation -Sessions 13, 14**
Employee Loyalty: An Analysis of Contributing Factors
Discipline(s): Business Administration
Faculty Sponsor(s): Clinebell, Sharon
Presenter(s): Johnson, Sara; Peters, William
Undergraduate Presentation

Columbine B
Transparent technology: Using Smartphones to interview on sensitive subjects
Discipline(s): Applied Statistics & Research Methods, Educational Mathematics
Faculty Sponsor(s): Dibbs, Rebecca
Presenter(s): Dibbs, Becky-Anne; Glassmeyer, David
Graduate Presentation

Council Room
Effective Literacy Instruction for Young English Language Learners:
Components of the Ideal Learning Environment
Research Excellence Award Finalist
Discipline(s): Interdisciplinary Studies
Faculty Sponsor(s): Guccione, Lindsey
Presenter(s): Ellis, Jessica
Graduate Presentation

Spruce A
** Multiple Session Presentation -Sessions 14, 15**
How Raunch Culture has been shaped by the History and Experience of women (for men’s pleasure)
Discipline(s): Sociology
Presenter(s): Sanchez, Danny
Graduate Presentation
Session 15
02:40 - 02:55 in the Afternoon

Aspen B
Multilevel Selection and its Affect on the Evolution of Homo Neandertalensis
Discipline(s): Anthropology
Faculty Sponsor(s): Wanner, James
Presenter(s): Lancaster, Tracey
Undergraduate Presentation

Columbine B
** Multiple Session Presentation -Sessions 5, 16**
Virtue Ethics and the Whistleblowing Dilemma
Discipline(s): Philosophy
Faculty Sponsor(s): Matchett, Nancy
Presenter(s): Archuleta, Brandon
Undergraduate Presentation

Council Room
Augmented Reality in Learning and Training
Research Excellence Award Finalist
Discipline(s): Educational Technology
Faculty Sponsor(s): Ku, Heng-Yu
Presenter(s): Lee, Kang
Graduate Presentation

Spruce A
** Multiple Session Presentation -Sessions 14, 15**
How Raunch Culture has been shaped by the History and Experience of women
(for men's pleasure)
Discipline(s): Sociology
Faculty Sponsor(s):
Presenter(s): Sanchez, Danny
Graduate Presentation

Spruce B
** Multiple Session Presentation -Sessions 15, 16**
An Analysis of Cultural Impact on Organizations
Discipline(s): Business Administration
Faculty Sponsor(s): Clinebell, Sharon
Presenter(s): Hess, Courtney; Larson, Emmett; Stovall, Sean
Undergraduate Presentation
Session 16
03:00 - 03:15 in the Afternoon

Aspen C
A Social Insight in Comparing and Contrasting Current Measures for Gender Equality
Discipline(s): Anthropology, Economics, Political Science
Faculty Sponsor(s):
Presenter(s): Fawcett, Alicia
Undergraduate Presentation

Columbine B
** Multiple Session Presentation -Sessions 5, 16**
Virtue Ethics and the Whistleblowing Dilemma
Discipline(s): Philosophy
Faculty Sponsor(s): Matchett, Nancy
Presenter(s): Archuleta, Brandon
Undergraduate Presentation

Spruce A
The Power of Name: An I.A Richards Approach of Semantic Theory
Discipline(s): Communication Studies
Faculty Sponsor(s): Allen, Lin
Presenter(s): Duran, Gena
Graduate Presentation

Spruce B
** Multiple Session Presentation -Sessions 15, 16**
An Analysis of Cultural Impact on Organizations
Discipline(s): Business Administration
Faculty Sponsor(s): Clinebell, Sharon
Presenter(s): Hess, Courtney; Larson, Emmett; Stovall, Sean
Undergraduate Presentation

Spruce C
Heian Values found in Modern Japanese Society: The Traditional and Contemporary Roles of Men Woman and Children
Discipline(s): History
Faculty Sponsor(s): Fong, Adam
Presenter(s): Moberly, Amanda
Undergraduate Presentation
Session 17
03:20 - 03:35 in the Afternoon

Columbine A
Maporal hantavirus Infection of Syrian Golden Hamsters Causes Immune Gene Induction in the Spleens, but not Lungs
Discipline(s): Biological Sciences
Faculty Sponsor(s): Schountz, Tony
Presenter(s): James, Stephanie
Graduate Presentation

Columbine B
** Multiple Session Presentation -Sessions 17, 18**
Many voices, many lives: A discussion on various ways of implementing autoethnography
Discipline(s): Applied Statistics & Research Methods, Counseling Psychology, School Psychology
Faculty Sponsor(s): Lahman, Maria
Presenter(s): Bean, Heather; Cullen-Reavill, Marilyn; Reavill, David; VanKorlaar, Mary
Graduate Presentation

Spruce B
Study of a Contemporary Leader
Discipline(s): Business Administration
Faculty Sponsor(s): Clinebell, Sharon
Presenter(s): Ronan, Chelsea
Undergraduate Presentation

Spruce C
Angkor: Rise and Fall
Discipline(s): History
Faculty Sponsor(s): Fong, Adam
Presenter(s): Kopetzky, Benjamin
Undergraduate Presentation
Session 18
03:40 - 03:55 in the Afternoon

Aspen C
Trade in South East Asia
Discipline(s): History
Faculty Sponsor(s): Fong, Adam
Presenter(s): Siegel, Matthew
Undergraduate Presentation

Columbine B
** Multiple Session Presentation -Sessions 17, 18**
Many voices, many lives: A discussion on various ways of implementing autoethnography
Discipline(s): Applied Statistics & Research Methods, Counseling Psychology, School Psychology
Faculty Sponsor(s): Lahman, Maria
Presenter(s): Bean, Heather; Cullen-Reavill, Marilyn; Reavill, David; VanKorlaar, Mary
Graduate Presentation

Spruce B
How Job Design Contributes to a Motivating Work Setting
Discipline(s): Business
Faculty Sponsor(s): Clinebell, Sharon
Presenter(s): Kimmell, Joseph; Stephens, Ravi
Undergraduate Presentation

Spruce C
Tyrannizing Images of Egypt
Discipline(s): Communication Studies
Faculty Sponsor(s): Allen, Lin
Presenter(s): French, Jamie
Graduate Presentation
Poster Presentations

April 7, 2011

Poster Session 1
10:30 AM – 11:30

Biology Undergraduate Research Poster Session
Noon – 1:00 PM

Poster Session 2
1:30 – 2:30

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.
**Poster Session 1**
**10:30 - 11:30 in the Morning**

**African Art History in the Secondary Educational Setting**
*Discipline(s):* Art & Design, History  
*Faculty Sponsor(s):* Coronel, Chip  
*Presenter(s):* McDonald, Erin  
*Undergraduate Presentation*

**An Analysis of Black Students’ Journeys and Attitudes at a Predominantly White Institution**
*Discipline(s):* Africana Studies  
*Faculty Sponsor(s):* Junne, George,  
*Presenter(s):* Long, Azhia  
*Undergraduate Presentation*

**An Investigation of Division I Collegiate Wrestlers’ Perceptions of Mixed Martial Arts (MMA)**
*Discipline(s):* Sport & Exercise Science  
*Faculty Sponsor(s):* Stotlar, David  
*Presenter(s):* Reams, Lamar  
*Graduate Presentation*

**Analysis of Transitional House Length of Stay Using Generalized Estimating Equations**
*Discipline(s):* Applied Statistics & Research Methods, Public Health, Social Science  
*Faculty Sponsor(s):* Lalonde, Trent  
*Presenter(s):* Kincaid, Tyler  
*Graduate Presentation*

**Bleeding Kansas**
*Discipline(s):* Social Science  
*Faculty Sponsor(s):* Boyce, Travis  
*Presenter(s):* Morgan, Danielle; Roach, Erika  
*Undergraduate Presentation*

**Common Experiences Amongst Victims of Residential Burglary Who Report Their Victimization**
*Discipline(s):* Criminal Justice, Psychology  
*Faculty Sponsor(s):* West-Smith, Mary  
*Presenter(s):* Rascon, Nora  
*Undergraduate Presentation*
Community Group Counseling Plan for Displaced Mothers Living with Domestic Violence
Discipline(s): Clinical Counseling
Faculty Sponsor(s): Murdock, Jennifer
Presenter(s): Moore, Molly; Rogalla, Kylie
Graduate Presentation

Disposition Humility and Social Relationship Quality: Is there an Association?
Discipline(s): Counseling Psychology
Faculty Sponsor(s): Wright, Stephen
Presenter(s): Peters, Annette
Graduate Presentation

Division I Student Athletes: The Relationship between Stress and Academic Performance
Discipline(s): Sociology
Faculty Sponsor(s): Moore, Mel
Presenter(s): Cove, Nicole
Undergraduate Presentation

Effect of Altitude on the Thiele-Small Parameters
Discipline(s): Physics
Faculty Sponsor(s): Willis, Courtney
Presenter(s): Alcala, Diego
Undergraduate Presentation

Effects of False-Evidence Ploys and Expert Testimony on Judge’s Verdicts: Recommended Sentences, and Perceptions of Confession Evidence
Discipline(s): Psychology
Faculty Sponsor(s): Woody, William
Presenter(s): Sanchez, Lourdes
Undergraduate Presentation

Effects of Traumatic Brain Injury (TBI) on Cognitive Control Processes
Research Excellence Award Finalist
Discipline(s): Psychology
Faculty Sponsor(s): Bashore, Theodore
Presenter(s): Kanoff, Kristen
Undergraduate Presentation
Endurance Exercise Attenuates Cardiotoxicity Induced by Androgen Deprivation and Doxorubicin
*Research Excellence Award Finalist*
Discipline(s): Sport & Exercise Science
Faculty Sponsor(s): Hayward, Reid
Presenter(s): Parry, Traci
Graduate Presentation

Game On! Experiential, Place-Based Education Meets Leadership Development: Senior Capstone Class Creates Video Game for Freshmen Leadership Students
Faculty Sponsor(s): Rohloff, Catherine
Presenter(s): Ellis, Jessica; Dilldine, Clarissa; Endres, Kellsie; Gosch, Daniel; Grove, Elizabeth; Morfitt, Sara; Wills, Holly
Graduate and Undergraduate Presentation Presentation

General Fan Perceptions of Rival Teams in Intercollegiate Athletics
Discipline(s): Sport & Exercise Science
Faculty Sponsor(s): Gray, Dianna
Presenter(s): Havard, Cody
Graduate Presentation

God and Devil Terms in Newspaper Coverage of the Windsor Tornado
Discipline(s): Communication Studies
Faculty Sponsor(s): Allen, Lin
Presenter(s): Mascarenas, Penelope
Graduate Presentation

How Mass Consumption Affected the Political Campaigns of John F. Kennedy and Richard Nixon and the Outcome of the 1960 Presidential Election
Discipline(s): History
Faculty Sponsor(s): Haberman, Aaron
Presenter(s): Luthye, Mandy
Undergraduate Presentation

Human Sex Differences in Frequency of Using Modern Technology to Access Erotica
Faculty Sponsor(s): Dunn, Thomas
Presenter(s): Hooks, Toni
Undergraduate Presentation
Improving Healthy Fresh Food Access in Weld County Through the Development of a Year-Round Farmers’ Market
Discipline(s): Public Health
Faculty Sponsor(s): Givray, Deborah
Presenter(s): Glendenning, Andrew
Graduate Presentation

Influence of Grandparents on First-Generation College Students
Discipline(s): Educational Studies
Faculty Sponsor(s): Chase, Sarah
Presenter(s): Herrington, Brittany
Undergraduate Presentation

Leptin and Estrogen Stimulate Endometrial Cancer Cell Proliferation through the Jak/Stat and ERK Signaling Pathways in Obese Persons
Discipline(s): Public Health, Community Health, Education
Faculty Sponsor(s): Givray, Deborah
Presenter(s): Seidu, RoseMadodzi A.
Graduate Presentation

Mexican American Ethnic Identity Development In Middle School Students
Discipline(s): Mexican American Studies
Faculty Sponsor(s): Crow, Loree
Presenter(s): Ruesgen, Ashley
Undergraduate Presentation

Native American Sports Mascots: A Symbol of Honor or a Form of Covert Racism?
Discipline(s): Sociology
Faculty Sponsor(s): Henderson, Angela
Presenter(s): Shuey, Mark
Graduate Presentation

Normalization of Cardiovascular Fitness in Cancer Survivors Following an Exercise Intervention
Discipline(s): Sport & Exercise Science
Faculty Sponsor(s): Schneider, Carole
Presenter(s): Weiderspon, Jessica
Graduate Presentation

Perceptions of Gangs and Members of Gangs from a General Perspective
Discipline(s): Criminal Justice, Psychology, Sociology
Faculty Sponsor(s): Phillips, Michael
Presenter(s): Boff, Jessica
Undergraduate Presentation
The Cultural Divide of Special Education Law in the United States of America (USA) and the Kingdom of Saudi Arabia (KSA)
Discipline(s): Special Education
Faculty Sponsor(s): Murry, Francie
Presenter(s): AlQahtani, Ragea
Graduate Presentation

The Decoding of Symbols within the Courtroom
Discipline(s): Communication Studies, Political Science
Faculty Sponsor(s): Jones-Brown, Kenya
Presenter(s): Britt, Jamie
Undergraduate Presentation

The Effects of Marijuana Use on College Students
Discipline(s): Psychology
Faculty Sponsor(s): Phillips, Kristina
Presenter(s): Singletary, Stautcia
Undergraduate Presentation

The McGurk Effect
Discipline(s): Audiology & Speech-Language Sciences
Faculty Sponsor(s): Finan, Donald
Presenter(s): Washington, Shanece
Undergraduate Presentation

The Motives of Fans Attending Local Intercollegiate Wrestling Events
Discipline(s): Sport & Exercise Science
Faculty Sponsor(s): Stotlar, David
Presenter(s): Reams, Lamar
Graduate Presentation

The Relationship Between Economic Growth and Population Distribution in Colorado
Discipline(s): Geography
Faculty Sponsor(s): Diggs, David
Presenter(s): Hughes, Timothy
Undergraduate Presentation

The Role of Support in College Adjustments for Veterans
Research Excellence Award Finalist
Discipline(s): Counseling Psychology
Faculty Sponsor(s): Softas-Nall, Basilia
Presenter(s): Ingala, Ann; Peters, Annette; Softas-Nall, Basilia
Graduate and Faculty Presentation
This I Believe About Teaching and Learning
Discipline(s): English
Faculty Sponsor(s): Kraver, Jeraldine R.
Presenter(s): Kraver, Jeraldine R., Allison, Cristyn; Von Feldt, Joshua; Kirk, Loura; Horsch, Megan; Reed, Shannon; Fritz, Kyle; Kraver, Jeraldine; Conard, Karissa; Coon, Brandon; Butler, Thomas; Newman, Michelle; Heesacker, Rachel; Grande, Elizabeth; Morgan, Robbie; Tripp, Ashlee; Hall, Matthew; Seader, Sherry; Hyde, Jessica; Paulus, Mathes; Ehlke, Angela; Goodwin, Elizabeth; Willson, Christine; Koons, Melissa; Huck, Ryan; Norris, Emily; Hofbauer, Mikaela; Bushner, Sheila; Ladtkow, Amy; Pierce, James
Undergraduate Presentation

Transitioning to Postsecondary Institutions for Individuals with Identified Disabilities: The Supports and Barriers of High School
Discipline(s): Special Education
Faculty Sponsor(s): Bassett, Diane
Presenter(s): Wells, Samantha
Undergraduate Presentation
Biology Poster Session
Noon – 1:00 PM

Alterations in prefrontal function in a social isolation model of schizophrenia in the mouse
Discipline(s): Biological Sciences
Faculty Sponsor(s): Thomas, Mark
Presenter(s): Calhoun, Kaitlin; Erickson, Samuel; Kidd, Courtney; Leyrer, Jonna; Smith, Alexander; Spindle, Michael
Undergraduate Presentation

Altering the Genome of Carrots to Fight Malaria
Discipline(s): Biological Sciences
Faculty Sponsor(s): Keenan, Susan
Presenter(s): Nieman, Lauren
Undergraduate Presentation

Cloning of Antibody cDNAs from the Jamaican Fruit Eating Bat (Artibeus jamaicensis)
Discipline(s): Biological Sciences
Faculty Sponsor(s): Schountz, Tony
Presenter(s): Lee, Benjamin
Undergraduate Presentation

Daucus carota callus growth: A developmental analysis
Discipline(s): Biological Sciences
Faculty Sponsor(s): Keenan, Susan
Presenter(s): Eulenstein, Mark
Undergraduate Presentation

Designing a Polymer-Bound Halogenating Agent for Green Chemistry Applications to Chemical and Pharmaceutical Processes
Discipline(s): Chemistry
Faculty Sponsor(s): Ruane, Michael
Presenter(s): Stolzberg, Matthew
Undergraduate Presentation

Determining evolutionary diversification and the phylogenetic placement of Lotus subgenus Syramtium
Discipline(s): Biological Sciences
Faculty Sponsor(s): McLaughlin, Mitchell
Presenter(s): Hubbard, Ashley
Undergraduate Presentation
Disturbance Effects on Ponderosa Pine Understory Flora
Discipline(s): Biological Sciences
Faculty Sponsor(s): Franklin, Scott
Presenter(s): King, Matthew
Undergraduate Presentation

Endosulfan as a potential animal model for Parkinson’s Disease
Discipline(s): Biological Sciences
Faculty Sponsor(s): Thomas, Mark
Presenter(s): Gross, Ashley; Peverley, Laura; Pummer, Joseph
Undergraduate Presentation

Ethanol Inhibits J1 Mouse Embryonic Stem Cell Differentiation into Cardiomyocytes
Discipline(s): Biological Sciences
Faculty Sponsor(s): DeKrey, Gregory
Presenter(s): Terry, Alexander
Undergraduate Presentation

Fire Dynamics in the Qinling Mountains, China
Discipline(s): Biological Sciences
Faculty Sponsor(s): Franklin, Scott
Presenter(s): Hanson, Rachelle
Undergraduate Presentation

Inhibition of MCF-7 Breast Cancer Cell Proliferation by Using Snake Venom Purified Proteins: Exploring New Possibilities in Drug Development
Research Excellence Award Finalist
Discipline(s): Biological Sciences
Faculty Sponsor(s): Mackessy, Stephen
Presenter(s): Broughton, Brianne
Undergraduate Presentation

Silviculture Effect on Soil CO2 Efflux
Discipline(s): Biological Sciences
Faculty Sponsor(s): Franklin, Scott
Presenter(s): Beverly, Daniel
Undergraduate Presentation

Simulations of resonance properties in mouse prefrontal neurons
Discipline(s): Biological Sciences
Faculty Sponsor(s): Thomas, Mark
Presenter(s): Kiwimagi, Katherine
Undergraduate Presentation
Species Diversification in Eriogonum umbellatum var. aureum, majus, and umbellatum in the Colorado Rocky Mountains

Research Excellence Award Finalist

Discipline(s): Biological Sciences

Faculty Sponsor(s): McGlaughlin, Mitchell

Presenter(s): Arcibal, Erica

Undergraduate Presentation
Poster Session 2
01:30 - 02:30 in the Afternoon

A Novel Way to Measure the Distance to an Asteroid
Discipline(s): Physics
Faculty Sponsor(s): Dietz, Richard
Presenter(s): McDonald, James; Nolen, Hunter; Riggle, Travis; Woods, Maurice
Undergraduate Presentation

A Sociological Look into On-Campus Religious Organizations
Discipline(s): Sociology
Faculty Sponsor(s): Houser, Jeffrey
Presenter(s): Johnson, Joe
Undergraduate Presentation

An Understanding of Overfitting in Regression
Discipline(s): Applied Statistics & Research Methods
Faculty Sponsor(s): Lalonde, Trent
Presenter(s): Landram, Suzy
Graduate Presentation

Attitudes Toward Disability Among Undergraduate Human Service Majors
Faculty Sponsor(s): Ososkie, Joseph
Presenter(s): Adam, Lisa; Borucinski, Simone; Dale, Kelly
Graduate Presentation

Autonomous Rover Exploration in a Simulated Extraterrestrial Environment
Discipline(s): Physics
Faculty Sponsor(s): Semak, Matthew
Presenter(s): Adamson, Aaron; Aken, Jordan; Alcala, Diego; Tryba, Spencer
Undergraduate Presentation

Better Side Effect Management: The Effect of Implementing the Medical Home Model (MHM) in Decreasing Hospitalization Rates
Discipline(s): Nursing
Faculty Sponsor(s): Hummel, Faye
Presenter(s): Riggio, Beverly
Graduate Presentation

Between a Rock and Hard Place: Successful Transitions Among Multiple Roles
Discipline(s): Counselor Education
Faculty Sponsor(s): Black, Linda
Presenter(s): Black, Linda
Faculty/staff Presentation
Cancer-Related Fatigue and the Impact of Psychological and Physiological Variables
Discipline(s): Sport & Exercise Science
Faculty Sponsor(s): Schneider, Carole
Presenter(s): Peterson, Brent
Graduate Presentation

Chux: Is an eco-friendly option a budget-friendly option?
Discipline(s): Nursing
Faculty Sponsor(s): Hummel, Faye
Presenter(s): Scitern, Amber
Graduate Presentation

Computational Cluster Development For Scientific Use
Discipline(s): Physics
Faculty Sponsor(s): Galovich, Cynthia
Presenter(s): Shiely, Robert
Undergraduate Presentation

Construction of a Learning Motivation and Satisfaction Model of Physical Education College students in Taiwan
Discipline(s): Sport & Exercise Science
Faculty Sponsor(s):
Presenter(s): Chen, Hsin Chung
Graduate Presentation

Content analysis: Using a mixed-methods approach to analyze television portrayals of Olympic hockey players
Discipline(s): Applied Statistics & Research Methods, Sport & Exercise Science
Faculty Sponsor(s): Gray, Dianna
Presenter(s): Muir, Heather
Graduate Presentation

Cosmic Rays Every Day
Discipline(s): Physics
Faculty Sponsor(s): Dietz, Richard
Presenter(s): Aken, Jordan; Kershaw, Elijah; Shiely, Robert; Wallner, Trevor
Undergraduate Presentation

Defining an Impact Construct Applicable to Offender Therapists: A Grounded Theory Approach
Discipline(s): Counseling Psychology
Faculty Sponsor(s): O'Halloran, Mary Sean; Wright, Stephen
Presenter(s): Dreier, Amy
Graduate Presentation
Democracy Through Globalization and Market Reform  
Discipline(s): Interdisciplinary Studies  
Faculty Sponsor(s): Fong, Adam  
Presenter(s): Ballard, Ryan  
Undergraduate Presentation

Diminishing Differences Through Horsemanship  
Discipline(s): Sociology  
Faculty Sponsor(s): Houser, Jeffrey  
Presenter(s): Welch, Melissa  
Undergraduate Presentation

Does Enhanced Risk Assessment Reduce the Rate of Rehospitalization?  
Discipline(s): Nursing  
Faculty Sponsor(s): Hummel, Faye  
Presenter(s): Clark, Paula  
Graduate Presentation

Early Identification and Intervention for Infant and Toddlers with Autism Spectrum Disorder  
*Research Excellence Award Finalist*  
Discipline(s): Special Education  
Faculty Sponsor(s): Banerjee, Rashida  
Presenter(s): Lin, Feng-Chen; Andrade, Supattra  
Graduate Presentation

Exploring the Effects of Conference Expansion and Realignment on Fans of Rival College Athletic Programs  
Discipline(s): Sport & Exercise Science  
Faculty Sponsor(s): Gray, Dianna  
Presenter(s): Eddy, Terence; Havard, Cody  
Graduate Presentation

Flushing our money? A cost analysis of fecal immunochemical testing practices  
Discipline(s): Nursing  
Faculty Sponsor(s): Hummel, Faye  
Presenter(s): Auer, Megan  
Graduate Presentation

Following the At-Risk Dollars: How Colorado Funding Formula Denies At-Risk Students Sufficient Intervention Money  
Discipline(s): Educational Leadership  
Faculty Sponsor(s): Weiler, Spencer  
Presenter(s): Andrade, Supattra; Every, James; Himlie, Abby; Lin, Feng-Chen  
Graduate Presentation
Game On! Experiential, Place-Based Education Meets Leadership Development: Senior Capstone Class Creates Video Game for Freshmen Leadership Students
Discipline(s): President’s Leadership Program
Faculty Sponsor(s): Rohloff, Catherine
Presenter(s): Ellis, Jessica; Dilldine, Clarissa; Endres, Kellsie; Gosch, Daniel; Grove, Elizabeth; Morfitt, Sara; Wills, Holly
Graduate and Undergraduate Presentation

How Teachers support the Development of Emergent Literacy among Young Children with Visual Impairments
Discipline(s): Special Education
Faculty Sponsor(s): Richard, Veronica
Presenter(s): Moe, Christine
Graduate Presentation

Investigation of Lasers and Play-Doh
Discipline(s): Physics
Faculty Sponsor(s): Dietz, Richard
Presenter(s): Alcala, Diego; Arko, John; Bennet, Rachel; Kingsley, Kyle
Undergraduate Presentation

Lessons on How to Teach Critical Thinking at the Elementary Level
Discipline(s): Educational Studies
Faculty Sponsor(s): Boyce, Travis
Presenter(s): Combs, Johanna; Murphy, Karolyn
Undergraduate Presentation

Making Meaning of Student Success in Undergraduate Education: Perspectives of Faculty
Research Excellence Award Finalist
Discipline(s): Higher Education & Student Affairs Leadership
Faculty Sponsor(s): Guido, Flo
Presenter(s): Langston, Randall; Steward, David; Mildrexler, Janella; Romero de la Torre, Aldo
Graduate Presentation

Making Meaning of the Tenure Process
Discipline(s): Higher Education & Student Affairs Leadership
Faculty Sponsor(s): Guido, Flo
Presenter(s): Johnson, Lainey; Smith, Jeff; Weddington, Tim
Graduate Presentation
Needle-Stick Injuries in the Workplace - What is the True Cost?
Discipline(s): Nursing
Faculty Sponsor(s): Hummel, Faye
Presenter(s): Moline, Candace
Graduate Presentation

Oxidative Stress and Hematological Responses to Multimodal Exercise in a Cancer Survivor Receiving High-Dose Chemotherapy
*Research Excellence Award Finalist*
Discipline(s): Sport & Exercise Science
Faculty Sponsor(s): Schneider, Carole
Presenter(s): Repka, Christopher
Graduate Presentation

Pre-Injury Personality Style, Substance Abuse, and Social Support Effecting Post-Injury Adaptation to Traumatic Brain Injury
Discipline(s): Human Rehabilitative Services
Faculty Sponsor(s): Ososkie, Joseph
Presenter(s): Clark, Eric; Herbstman, David; Solanyk, Sarah
Graduate Presentation

Preliminary Perspectives of Collaboration for Developing Transition and Vocational Programs for Adolescents with Autism Spectrum Disorders
Discipline(s): Special Education
Faculty Sponsor(s): Jackson, Lewis
Presenter(s): Andrade, Supattra; Lin, Feng-Chen
Graduate Presentation

Profiles of Engagement: An Investigation of Transformative Learning Experiences
Discipline(s): Educational Psychology
Faculty Sponsor(s): Pugh, Kevin
Presenter(s): Spencer, Bryden; Pugh, Kevin; Russell, Cassandra
Graduate and Faculty Presentation Presentation

Rationalization and Iron Cage: A Critique of Students' Perceptions of Higher Education
*Research Excellence Award Finalist*
Discipline(s): Sociology
Faculty Sponsor(s): Henderson, Angela
Presenter(s): Quinn, Andrew
Undergraduate Presentation
Reducing Healthcare costs in the hospital
Discipline(s): Nursing
Faculty Sponsor(s): Hummel, Faye
Presenter(s): Jordan, Christina
Graduate Presentation

Rockies’ Fans’ Perceptions of Game Valuation
Discipline(s): Sport & Exercise Science
Faculty Sponsor(s): Gray, Dianna
Presenter(s): McGee, Micah; Schmitt, Craig
Graduate Presentation

Seasonal Affective Disorder: Causes and Consequences
Discipline(s): Sociology
Faculty Sponsor(s): Houser, Jeffrey
Presenter(s): Alexander, Michelle
Undergraduate Presentation

Severity and Duration of Post Traumatic Stress Disorder
Faculty Sponsor(s): Ososkie, Joseph
Presenter(s): Ama, Ezinne; Filipe, Diane; Mendoza, Andrea; Nixon, Shari; Szumilas, Laura
Graduate Presentation

Social Attachments among At-Risk Adolescents
Discipline(s): Sociology
Faculty Sponsor(s): Houser, Jeffrey
Presenter(s): Elmont, Katie
Undergraduate Presentation

Social Justice Engagement & Its Meaning for Female, Student Affairs Graduate Students
Discipline(s): Higher Education & Student Affairs Leadership
Faculty Sponsor(s): Guido, Flo
Presenter(s): Anaya, Reyna; Slattery, Kristin
Graduate Presentation

Spend a Little Save a Lot: Beating the Rising Costs of Methicillin-Resistant Staphylococcus Aureus (MRSA)
Discipline(s): Nursing
Faculty Sponsor(s): Hummel, Faye
Presenter(s): Durnen, Janell
Graduate Presentation
Discipline(s): Nursing
Faculty Sponsor(s): Hummel, Faye
Presenter(s): Quinn, Susan
Graduate Presentation

Sports and Location-Based Services
Discipline(s): Sport & Exercise Science
Faculty Sponsor(s): Gray, Dianna
Presenter(s): Ahmad, Tariq
Graduate Presentation

Stryker Institute: Breaking Barriers Through Leadership Development
Discipline(s): Sociology
Faculty Sponsor(s): Houser, Jeffrey
Presenter(s): Pinon, Angela
Undergraduate Presentation

The Effectiveness of Different Early Intervention for Young Children with Challenging Behavior
Discipline(s): Special Education
Faculty Sponsor(s): Banerjee, Rashida
Presenter(s): Lin, Feng-Chen
Graduate Presentation

The Great Recession: Economic Downturn and the Consumer Behavior of Professional Sports Fans
Discipline(s): Sport & Exercise Science
Faculty Sponsor(s): Gray, Dianna
Presenter(s): Stewart, Rebecca; Burakowski, Katharine
Graduate Presentation

The Importance of Classifying Hoarding as a Unique Mental Disorder
Discipline(s): Gerontology
Faculty Sponsor(s): Ososkie, Joseph
Presenter(s): Manetta, Lisa; Mendoza, Angela; Ourada, Brenda; Weichselbaum, Julia
Graduate Presentation

The Reentry Experiment SAT-X
Discipline(s): Physics
Faculty Sponsor(s): Walch, Robert
Presenter(s): Adamson, Aaron; Aken, Jordan; Honda, Motoaki; Kuhns, Casey; Shiely, Robert; Woods, Maurice
Graduate and Undergraduate Presentation
Tourette’s Syndrome in the Family: The Parents’ Experiences  
Discipline(s): Counseling Psychology  
Faculty Sponsor(s): O’Halloran, Sean  
Presenter(s): Walters, Meag-gan  
Graduate Presentation

Tuberculosis Skin tests versus IGRA blood tests: Saving money with a more expensive test?  
Discipline(s): Nursing  
Faculty Sponsor(s): Hummel, Faye  
Presenter(s): Duggan, Lisa  
Graduate Presentation

Urinary Tract Infection Cost Analysis  
Discipline(s): Nursing  
Faculty Sponsor(s): Hummel, Faye  
Presenter(s): D'Angelo, Adrian  
Graduate Presentation

Use the Education Buoy to Prevent Drowning in Would Care Costs  
Discipline(s): Nursing  
Faculty Sponsor(s): Hummel, Faye  
Presenter(s): Novak, Jennifer  
Graduate Presentation

Youth Recreational Firearm User’s Shooting Habits, Use of Hearing Protection Devices and Self-Assessed Auditory Status  
Research Excellence Award Finalist  
Discipline(s): Audiology & Speech-Language Sciences  
Faculty Sponsor(s): Meinke, Deanna  
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The University Center

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Columbine B

Spruce C  Spruce B  Spruce A

Biology Graduate Symposium

Poster Presentations