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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**

Bringing
education
to life.

***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): Ingala, Ann; Peters, Annette; Softas-Nall, Basilia

Graduate and Faculty Presentation 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): McGlaughlin, 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 Malinger 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): Alcalá, 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): Singletary, 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 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, Abigayil; 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, Abigayil; 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, Abigayil; 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 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 Ponerosa 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 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

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

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

Dispositional 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): Alcalá, 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 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

Undgraduate 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 *Syrmatium*

Discipline(s): Biological Sciences

Faculty Sponsor(s): McGlaughlin, 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): Alcalá, 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

Spinal Cord Stimulation: A More Cost-Effective Method of Treating Chronic Low-Back Pain

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 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

Presenter(s): Howerton, Kayla

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The University Center

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Columbine B	Spruce C	Spruce B	Spruce A

Biology
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Poster
Presentations