

2018 Research Day Schedule

Presentation Title	Time	Status	Presenter(s)	Primary Discipline	Faculty Sponsor	Designation
ORAL PRESENTATIONS						
Session #1 9:00 AM - 9:45 AM (presenters check-in at 8:45AM)						
Aspen B						
Effects of Resistance Exercise on Kidney Antioxidant Enzymes of Rats Treated with Doxorubicin	9:00 - 9:15am	Graduate Presentation	Busekrus, Raquel	Sport & Exercise Science	Hydock, David	
The Relationship Between Athlete Identity and Athletic Satisfaction: A Study of Intercollegiate Club Sport	9:15 - 9:45am	Graduate Presentation	Sellars, Nicole; Fowler, Brian	Sport & Exercise Science	Sellars, Nicole	
Aspen C						
Shubham Banerjee, Leadership at 14	9:00 - 9:15am	Undergraduate Presentation	Mossberg, Molly	Business Administration	Clinebell, Sharon	Honors
Effects of the Sex Offender Registration Notification in Mississippi	9:30 - 9:45am	Graduate Presentation	Gowan, Amanda	Criminal Justice		
Columbine A						
Implementing a Tool to Capture School Based Mental Health Strategies and Resources	9:00 - 9:15am	Graduate Presentation	Luckner, Rachel	Public Health	Sharp, Teresa	
Data Coaching: A Collaborative Approach to Integrating Physical Activity in Elementary Schools	9:15 - 9:30am	Graduate Presentation	Turner, Grace	Public Health	Sharp, Teresa	
Undocumented and DACA: Barriers to Healthcare Access and Impacts on Health	9:30 - 9:45am	Graduate Presentation	Barraza, Sujeith	Public Health	Sharp, Teresa	
RESEARCH EXCELLENCE AWARD PRESENTATIONS: Columbine B						
Themes for Participation in Physical Activity Breaks in College Classrooms	9:00 - 9:15am	Undergraduate Presentation	Polson, Taylor	Sport & Exercise Science	Stellino, Megan	Research Excellence Award Finalist; Honors
Perceived Confidence Ability in Nutrition Counselors	9:15 - 9:30am	Undergraduate Presentation	Hill, Ryanne	Dietetics	Kage, Katie	Research Excellence Award Finalist
Growing on a scar: Population genetics of a Colorado wildflower	9:30 - 9:45am	Undergraduate Presentation	Spitzer, Ace	Biological Sciences	McGlaughlin, Mitchell	Research Excellence Award Finalist; Honors

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Spruce A						
Medicinal benefits of cannabis related to stimulating appetite in populations at nutritional deficiency risk.	9:00 - 9:30am	Graduate Presentation	Curry, Bailee	Nutrition	Gould, Susan	
Spruce B						
Women in Nazi Propaganda	9:00 - 9:15am	Undergraduate Presentation	Franklin, Alyssa	History	Clinefelter, Joan	
Fashion under the Swastika	9:15 - 9:30am	Undergraduate Presentation	Johnson, Ayrika	History	Clinefelter, Joan	
Indoctrinating German Youth: Children's Stories and Textbooks as Propaganda in the Third Reich	9:30 - 9:45am	Undergraduate Presentation	Ritter, Sarah	History	Clinefelter, Joan	
Spruce C						
Relax, Relate, Release: Re-examining A Different World from a 21st Century Lens	9:00 - 9:30am	Undergraduate Presentation	Jones, Tabitha	Africana Studies	Boyce, Travis	Community Engaged Scholar
The Racist history of Cartoons in the US	9:30 - 9:45am	Undergraduate Presentation	Brown, Deja	Africana Studies	Boyce, Travis	

ORAL PRESENTATIONS						
Session #2 10:00 AM - 10:45 AM (presenters check-in at 9:45AM)						
Aspen A						
A reflection on life	10:00 - 10:15am	Undergraduate Presentation	Mossberg, Molly	Business Administration	Krahnke, Keiko	Honors
Student Motivation in Education: An Intervention in Real-Time	10:15 - 10:30 am	Undergraduate Presentation	North, Maddison	Psychology	Phillips, Michael	Honors
A Systematic Review of Ketogenic Dietary Treatment as mTOR Inhibition Therapy	10:30 - 10:45 am	Undergraduate Presentation	Chavez, Joshua	Chemistry	Brown, Corina	Honors
Aspen B						
The impact of person-organization fit on emotional attitudes and behaviors of campus recreation professionals	10:00 - 10:30am	Graduate Presentation	Hazzaa, Rammi; Jung, Hoyoon	Sport & Exercise Science	Oja, Brent	
Columbine A						
Needs Assessment of Diverse Older Adults in Weld County	10:00 - 10:15am	Graduate Presentation	Jeffers, Eva	Public Health	Sharp, Teresa	
L'éducation à la Santé Communautaire (ESC): A Community Health Education Program Tailored for Rural Guinean Communities	10:15 - 10:30am	Graduate Presentation	Christensen, Kristin	Public Health	Sharp, Teresa	

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Addressing Financial Barriers to Adolescent Mental Health Treatment in the United States	10:30 - 10:45am	Graduate Presentation	Stuart, Alysa	Public Health	Sharp, Teresa	
RESEARCH EXCELLENCE AWARD PRESENTATIONS: Columbine B						
The Relationship Between Food Addiction & Self-Worth	10:00 - 10:15am	Undergraduate Presentation	Buhre, Madison	Psychology	Jameson, Molly	Research Excellence Award Finalist; Honors
How blockchain technology could change our lives	10:15 - 10:30am	Undergraduate Presentation	Savron, Luca; Rui, Alessia	Economics	Wanasika, Isaac	Research Excellence Award Finalist
Management Interactionism	10:30 - 10:45am	Undergraduate Presentation	Vakouftsis, Alexandros Georgios	Business Administration	Wanasika, Isaac	Research Excellence Award Finalist
Spruce A						
Advanced Nutrition Presentation - Intermittent Fasting & Metabolism	10:00 - 10:15am	Undergraduate Presentation	Belisairo, Nicole; Lopez Vasquez, Wendy; Hardesty, Katherine	Nutrition	Gerweck, Catherine	
Advanced Nutrition Presentation - Nutrition & Immune Response	10:15 - 10:30am	Undergraduate Presentation	Jaff, Aveein	Nutrition	Gerweck, Catherine	
Advanced Nutrition Presentation - DHA & Traumatic Brain Injuries	10:30 - 10:45am	Undergraduate Presentation	Norby, Katelyn; Hill, Ryanne; Weissmann, Kimberly	Dietetics	Clark, Alena	
Spruce B						
The Social Life of a Rural Library	10:00 - 10:15am	Graduate Presentation	Goncharova, Anna	Applied Statistics & Research Methods	Lahman, Maria	
A Bayesian Semiparametric Approach to Network Analysis	10:15 - 10:30am	Graduate Presentation	Walter-Higgins, Morgan	Applied Statistics & Research Methods	Yu, Han	
Spruce C						
White Privilege and Black Reality: Breaking Down Soul Man (1986)	10:00 - 10:15am	Undergraduate Presentation	Ramos, Sophia	Africana Studies	Boyce, Travis	
Immaturity and the Peruvian Youth in its literature (La inmadurez de la juventud peruana en su literatura)	10:15 - 10:30am	Undergraduate Presentation	Kloeckner, Samuel	Spanish	Bernales Albites, Enrique	
Taking justice by the hands in Warma Kuyay, ¿Quieres estar conmigo? and Los inocentes	10:30 - 10:45am	Undergraduate Presentation	Ramirez, Deisy	Spanish	Bernales Albites, Enrique	

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ORAL PRESENTATIONS						
Session #3 11:00 AM - 11:45 AM (presenters check-in at 10:45AM)						
Aspen C						
Conceptualizing Gun Violence	11:00 - 11:30am	Undergraduate Presentation	Medoff, Daniel	Philosophy	Matchett, Nancy	
RESEARCH EXCELLENCE AWARD PRESENTATIONS: Columbine B						
Indoctrinating German Youth: Children's Stories and Textbooks as Propaganda in the Third Reich	11:00 - 1:15am	Undergraduate Presentation	Ritter, Sarah	History	Clinefelter, Joan	Research Excellence Award Finalist
Female Identities of the Interwar Period	11:15 - 11:30am	Undergraduate Presentation	McCombs, Jessica	English	Cornish, Sarah	Research Excellence Award Finalist; Honors
Living Dead in the United States: Felon Disenfranchisement and White Privilege	11:30 - 11:45am	Undergraduate Presentation	Fletcher, Amber	Political Science	Williams, Gregory	Research Excellence Award Finalist; Honors
Spruce A						
Advanced Nutrition Presentation - Alcohol Consumption & Athletic Performance	11:00 - 11:15am	Undergraduate Presentation	Fuelling, Karli; Downum, Ascheleigh	Dietetics	Clark, Alena	
Chocolate Chip Cookies: Fat Substitution Effects	11:15 - 11:45am	Undergraduate Presentation	Harju, Laura; Cavuoti, Bridget;	Dietetics	Gould, Susan	
Spruce C						
"María Félix y su lucha contra el machismo en la cultura mexicana"	11:00 - 11:15am	Undergraduate Presentation	Chavez, Kathia	Spanish	Garza, Efrain	
"La importancia de conservar la cultura y el idioma de nuestros ancestros"	11:15 - 11:30am	Undergraduate Presentation	Nunez, Reyna	Spanish	Garza, Efrain	

LUNCH BREAK Noon - 1:00 PM

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ORAL PRESENTATIONS						
Session #4 1:00 PM - 1:45 PM (presenters check-in at 12:45PM)						
Aspen C						
John Nash	1:00 - 1:15pm	Undergraduate Presentation	Fraass, Shianne	Business Administration	Clinebell, Sharon	
Leadership by Example: General George S. Patton	1:15 - 1:30pm	Undergraduate Presentation	Martinez, Beau	Business Management	Clinebell, Sharon	
Predicting the success of Kickstarter campaigns	1:30 - 1:45pm	Graduate Presentation	Alwehaibi, Asma	Applied Statistics & Research Methods		
Columbine A						
Motion Capture Models: differences in reliability of full body marker sets during running	1:00 - 1:15pm	Graduate Presentation	Murphy, Shane; Tassone, Toni; Brassilio, Henry	Sport & Exercise Science	Smith, Jeremy	
The Impact of Emotional Intelligence and Authentic Leadership on Creativity and Job Satisfaction: A Study of Professional Sport Employees	1:15 - 1:45pm	Graduate Presentation	Paek, Bomin; Martyn, Jay	Sport Administration	Oja, Brent	
RESEARCH EXCELLENCE AWARD PRESENTATIONS: Columbine B						
The Influence of Localized Knee Fatigue on Lower Limb Dynamics During Walking	1:00 - 1:15pm	Graduate Presentation	Robey, Nathan	Sport & Exercise Science		Research Excellence Award Finalist
Giving a Guano: How Rocky Mountain Bats Impact Rare Cliff-Face Ecosystems	1:15 - 1:30pm	Graduate Presentation	Wilson, Ashley	Biological Sciences	Adams, Rick	Research Excellence Award Finalist
Anti-cancer potential of Crotalus scutulatus venom	1:30 - 1:45pm	Graduate Presentation	Harvey, Tanner	Biological Sciences	Mackessy, Stephen	Research Excellence Award Finalist
Spruce A						
The Effect of Exposure Time on Stability Indices during Dynamic Stability Assessment Tasks	1:00 - 1:15pm	Graduate Presentation	Buchholz, Otto	Sport & Exercise Science	Heise, Gary	
Ethical Considerations in Youth Sport Research	1:15 - 1:30pm	Graduate Presentation	Kirby, Jessica	Sport & Exercise Science	Lahman, Maria	
"There Was Never Enough to Learn": The Role of Professional Conference Attendance on Teacher Candidates' Development	1:30 - 1:45pm	Graduate Presentation	Fan, Xiaoping	Sport & Exercise Science	McMullen, Jaimie	

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Spruce B						
Flow State Experiences in Chemistry	1:00 - 1:15pm	Graduate Presentation	Kemats, Kyle	Chemistry	Suits, Jerry	
The Assessment of Pulmonary Vascular Vasoreactivity During Right Heart Catheterizations for Pulmonary Hypertension	1:15 - 1:45pm	Graduate Presentation	Volk, Keith	Nursing	Snyder, Audrey	
Spruce C						
"Lightskin vs. Darksin": A look into colorism within the Black female community and its relevance to black cinema	1:00 - 1:15pm	Undergraduate Presentation	Register, Ashley	Africana Studies	Boyce, Travis	
The Tax Treatment of Cryptocurrencies	1:15 - 1:45pm	Graduate Presentation	Shirey, Steven	Business Administration	Greiman, Janel	
ORAL PRESENTATIONS						
Session #5 2:00 PM - 2:45 PM (presenters check-in at 1:45PM)						
Aspen A						
Elensa: Finding the Heart of the Labyrinth	2:00 - 2:15 p.m.	Undergraduate Presentation	Faour, Tamara	English	Bovaird-Abbo, Kristin	Honors
Urbanization in Central Asia; A GIS analysis of Ulaanbaatar, Mongolia	2:15 - 12:30pm	Undergraduate Presentation	Buchanan, Laya	Geography	Johnson, Katherine	Honors
Computability and Complexity of Hypergraph Colorings	2:30 - 2:45pm	Undergraduate Presentation	Hatton, Conner	Mathematics	Levin, Oscar	Honors
Aspen B						
"At some point, you gotta decide for yourself who you're going to be": Exploring Black Masculinity through the film Moonlight (2016)	2:00 - 2:15pm	Undergraduate Presentation	Brown-Smith, Torrence	Sociology	Boyce, Travis	
The Effects of Education Levels on Gun Ownership	2:15 - 2:30pm	Graduate Presentation	Azari, Anthony	Criminal Justice	Ward, Kyle	

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Columbine A						
Exploring Community Health through Medical Anthropology	2:00 - 3:00pm	Undergraduate Presentation	Duncan, Whitney; Aguallo Mora, Daisy; Armero Garcia, Rocio; Bustillos Hernandez, Sandra; Caruana, Shannon; Chavez, Ashley; Czapla, Jessica; Eldred, Brooke; Finch, Joan; Galvez-Rea, Nayelly; Glauner, Kathleen; Hergenreder, Amanda; Hyde, Nathan; Jones, Danielle; Letchworth, James; Llamzon, Jessica; Martsof, Zoe; Navarro, Netzy; Rapoport, Arkady; Rocha, Amanda; Rouzan, MaKayla; Smith, Bailey; Wriedt, Jessica; Wright, Madison	Anthropology	Duncan Johnson, Whitney	Community Engaged Scholar
RESEARCH EXCELLENCE AWARD PRESENTATIONS: Columbine B						
Ethnographic Study of University Upper Level Administrative Student Affairs Professionals in Dual Roles	2:00 - 2:15pm	Graduate Presentation	Sebastian, Margaret	Higher Education & Student Affairs Leadership	Lahman, Maria	Research Excellence Award Finalist
Creating Digital Story Telling with Saudi Arabian Pre-Service Teachers Using ADDIE to Promote Lesson Plan Development	2:15 - 2:30pm	Graduate Presentation	Bugis, Yosra	Educational Technology		Research Excellence Award Finalist
Addressing Poverty With Social Capital: A Qualitative Study on Building Connections Through Organizational Practices	2:30 - 2:45pm	Graduate Presentation	Adams, Ethan	Sociology	Prelog, Andrew	Research Excellence Award Finalist
Spruce A						
Probabilistic Forecasting - The National Hockey League Totals Market	2:00 - 2:30pm	Graduate Presentation	Traugutt, Alex	Sport & Exercise Science	Morse, Alan	
Spruce B						
No One Wants to Listen to Us: The Challenges of Female Iranian Musicians Performing Western Classical Music	2:00 - 2:30pm	Graduate Presentation	Shayani, Golriz	Music	Yamprai, Jittapim	
Spruce C						
Analysis Li Qingzhao's poetry	2:15 - 2:30pm	Undergraduate Presentation	Huang, Yanling	Asian Studies	Low, Michelle	
Teachings of Ancient China: The Dichotomy of Confucianism and Daoism	2:30 - 2:45pm	Undergraduate Presentation	Tinkle, Thomas	Asian Studies	Low, Michelle	

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ORAL PRESENTATIONS						
Session #6 3:00 PM - 3:45 PM (presenters check-in at 2:45PM)						
RESEARCH EXCELLENCE AWARD PRESENTATIONS: Columbine B						
Organology in the Iconography of the Ramayana Epic and Instruments at the Courts of Southeast Asia	3:00 - 3:30pm	Graduate Presentation	Patarateeranon, Tachinee	Music	Yamprai, Jittapim	Research Excellence Award Finalist

SCHOOL OF BIOLOGY GRADUATE PRESENTATIONS						
Longs Peak Ballroom						
The Flora is Lava	08:30 - 8:45 am	Graduate Presentation	Naibauer, Samantha	Biological Sciences	McGlaughlin, Mitchell	
The function of the cofactor Schnurri in the cyst lineage cells of the D. melanogaster testis niche	8:45 - 9:00 am	Graduate Presentation	Koretko, Jade	Biological Sciences	Leatherman, Judith	
Host Response and Gene Regulation in Deer Mice (Peromyscus maniculatus) Infected with Modoc Flavivirus	9:00 - 9:15 am	Graduate Presentation	Sherman, Tyler	Biological Sciences	Hawkinson, Ann	
"How we know" and "who we are:" overlooked routes to science literacy and decision making.	9:15 - 9:25 am	Graduate Presentation	Royse, Emily	Biological Sciences	Peffer, Melanie	
Characterization of RNA and protein expression in Layer V pyramidal cell subtypes in the developing mouse medial prefrontal cortex	9:25 - 9:40 am	Graduate Presentation	Christensen, Rebekah	Biological Sciences	Thomas, Mark	
The effects of berberine on co-stimulatory molecule expression and T cell activation	9:40 - 9:50 am	Graduate Presentation	Vita, Alexandra	Biological Sciences	Pullen, Nicholas	
Faculty challenges when teaching climate change across disciplines	10:00 - 10:10 am	Graduate Presentation	Romano, Alicia	Biological Sciences		
Break - 9:50 - 10:00am						
Joint forces: the relationship between genotype and chemotype in Cannabis	10:10 - 10:25 am	Graduate Presentation	Schwabe, Anna	Biological Sciences	McGlaughlin, Mitchell	
Access is the Resource: Observations of Male Mating Success in the Spiny-Tailed Iguana, Ctenosaura similis	10:25 - 10:40 am	Graduate Presentation	Nash, Ann-Elizabeth	Biological Sciences	Mackessy, Stephen	

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Characterization Of The Mediodorsal Thalamic Input To Layer V Pyramidal Cells Of The Mouse Medial Prefrontal Cortex In Vitro	10:40 - 10:50 am	Graduate Presentation	Mohamed, Nesrien	Biological Sciences	Thomas, Mark	
BMP Signaling in the CySCs of the Drosophila Testis Stem Cell Niche	10:50 - 11:05am	Graduate Presentation	Soleimanibarzi, Nastaran	Biological Sciences	Leatherman, Judith	
Using resource selection functions to evaluate distribution patterns of <i>Crotalus pricei pricei</i> (Western Twin-spotted Rattlesnake) and its natural prey, <i>Sceloporus jarrovi</i> (Yarrow's Spiny Lizard)	11:05 - 11:20 am	Graduate Presentation	Grabowsky, Emily	Biological Sciences	Mackessy, Stephen	
Aryl hydrocarbon receptor activation differentially impacts antigen-specific IgA levels in feces and serum of male and female mice	11:20 - 11:35 am	Graduate Presentation	King, Aspen	Biological Sciences	DeKrey, Gregory	
Soluble Transforming Growth Factor Beta-1 enhances murine mast cell cytokine release	11:35 - 11:50 am	Graduate Presentation	Lyons, David	Biological Sciences	Pullen, Nicholas	
LUNCH BREAK 11:50 - 12:45 PM						
Exploring Local Adaptation and Phenotypic Plasticity to Improve Seed Sourcing Guidelines For Restoration in Sagebrush Habitat	12:45 - 12:55 pm	Graduate Presentation	Schneider, Gwen	Biological Sciences	Franklin, Scott	
The effect of aryl hydrocarbon receptor activation by diverse ligands on <i>Aicda</i> expression and class switch	12:55 - 1:10 pm	Graduate Presentation	Costa, Alex	Biological Sciences	DeKrey, Gregory	
Measuring learner-centered teaching techniques using instructor syllabi	1:10 - 1:25 pm	Graduate Presentation	Heim, Ashley	Biological Sciences	Holt, Emily	
p190RhoGAP facilitates proper timing of choroid fissure closure	1:25 - 1:40 pm	Graduate Presentation	Smith, Alex	Biological Sciences	James, Andrea	
Preliminary Lichen Surveys of Beetle-Impacted Forests in Northwestern Colorado	1:40 - 1:50 pm	Graduate Presentation	Freundlich, Anna	Biological Sciences	Holt, Emily	
A Possible role for Merlin and Expanded in the regulation of Proliferation in the testis Stem Cell Niche of <i>Drosophila</i>	1:50 - 2:00 pm	Graduate Presentation	Johnson, Bryan	Biological Sciences	Leatherman, Judith	
Break - 2:00 - 2:15pm						

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Voluntary physical exercise decreases MDSC (myeloid derived suppressor cell) populations in the spleen and circulation in a rat model of mammary adenocarcinoma	2:15 - 2:30 pm	Graduate Presentation	Hirsch, Aspen	Biological Sciences	Haughian, James	
Local Seed, Less Problems?: A Genetic Analysis of the Logic Behind Seed Sourcing Guidelines for Restoration Projects	2:30 - 2:40 pm	Graduate Presentation	Schumacher, Emily	Biological Sciences	McGlaughlin, Mitchell	
Characterizing the Susceptibility and Type I Interferon Response of Primary Mammalian Cell Lines During Zika Virus Infection	2:40 - 2:55 pm	Graduate Presentation	Petty, Douglas	Biological Sciences	Hawkinson, Ann	
Mammal-specificity of myotoxin a from Crotalus viridis viridis (Prairie Rattlesnake) venom	2:55 - 3:05 pm	Graduate Presentation	Smith, Cara	Biological Sciences	Mackessy, Stephen	
Spotted Towhee (Pipilo maculatus) song characteristics at two time points across an urban gradient	3:05 - 3:15 pm	Graduate Presentation	Sanchez, Karina	Biological Sciences	Benedict, Lauryn	
Effects of Fish Meal Supplementation on Steroidogenic Gene Expression in the Bovine Corpus Luteum Following Intrauterine Infusions of PGF2a	3:15 - 3:30 pm	Graduate Presentation	Cedillo, Jessica	Biological Sciences	Burns, Patrick	

POSTER SESSION 1: 10 A.M.- Noon						
GRADUATE PRESENTATIONS						
Mt Evans and Pike Peak Ballrooms						
Time Series Analysis on Tourism in the United States	10:00 a.m. - Noon	Graduate Presentation	Zahedjahromi, Mostafa	Applied Statistics & Research Methods	Shafie Holighi, Khalil	
Missing Data Analysis on Kamyrdigester Data	10:00 a.m. - Noon	Graduate Presentation	Zahedjahromi, Mostafa	Applied Statistics & Research Methods	Lalonde, Trent	
A Two Chart Technique for Simultaneous Monitoring of the Parameters of the Shifted Exponential Distribution using Bayesian Estimation	10:00 a.m. - Noon	Graduate Presentation	Brown, Austin; Aljobaily, Hend; Whitehead, Bryce	Applied Statistics & Research Methods	Brown, Austin	
Ethical research with people who are drug-addicted	10:00 a.m. - Noon	Graduate Presentation	Zahedjahromi, Mostafa	Applied Statistics & Research Methods	Lahman, Maria	
Survival Analysis of HIV Patients	10:00 a.m. - Noon	Graduate Presentation	Skafyan, Maryam	Applied Statistics & Research Methods	Lalonde, Trent	

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Treating speech sound disorders: Cycles approach with and without auditory bombardment	10:00 a.m. - Noon	Graduate Presentation	Smith, Madeline	Audiology & speech-language sciences		
Prevalence Of Noise-Induced Hearing Loss Among University Music Students And Faculty	10:00 a.m. - Noon	Graduate Presentation	Maas, Chandra	Audiology & speech-language sciences	Meinke, Deanna	
The Effectiveness of Reading Comprehension Intervention With the Use of a Graphic Organizer for an Adolescent With Both Language and Cognitive Impairment	10:00 a.m. - Noon	Graduate Presentation	Bradley, Agnieszka	Audiology & speech-language sciences	Hanks, Julie	
The Effectiveness of Group Therapy for School-Aged Children Who Stutter: Preliminary Findings	1:00 p.m. - 3:00 p.m.	Graduate Presentation	Touchton, Taylor; Walton, Meghan	Audiology & speech-language sciences	Hanks, Julie	
An Exploration of Perceptions of Diversity: Training with Counseling Students: A Case Study	10:00 a.m. - Noon	Graduate Presentation	Zwetzig, Sarah; Martinez, Megan	Counseling Psychology	Wright, Stephen	
Intimate Partner Violence. Perpetrated by Military Women	10:00 a.m. - Noon	Graduate Presentation	Mitchell, Johni; McEvoy, Erin	Counseling Psychology		
The Impact of Intimate Partner Violence on the Rates of Miscarriage	10:00 a.m. - Noon	Graduate Presentation	Pickenpaugh, Emili; Johnson, Tiana	Counseling Psychology		
The Relationship Between Divorce and Recidivism	10:00 a.m. - Noon	Graduate Presentation	Burrow, Nathaniel; Pickenpaugh, Emili	Counseling Psychology		
Use of Biofeedback in Enhancing Stress-Response Awareness	10:00 a.m. - Noon	Graduate Presentation	Cople, Sydney; May, Mackenzie	Counseling Psychology		
Parental Development in First Time Parents with a Six-Month-Old Infant	10:00 a.m. - Noon	Graduate Presentation	Barthelemy, Kady	Counseling Psychology	Wright, Stephen	
Childhood Abuse and Career Development	10:00 a.m. - Noon	Graduate Presentation	Montoya, Hunter; Martell, Jordan	Counseling Psychology		
Social support moderates the relationship between left-behind experiences and depression among Chinese college students	10:00 a.m. - Noon	Graduate Presentation	Guo, Yuge	Counseling Psychology	Wright, Stephen	
Mediating Factors between Acculturation / Acculturative Stress and Symptoms of Psychological Distress: A Literature Review	10:00 a.m. - Noon	Graduate Presentation	Kopystynsky, Nicholas; Khalsa, Gurusewak	Counseling Psychology		
Strain, Boredom, and Self-Control: Extending General Strain Theory to Texting While Driving	10:00 a.m. - Noon	Graduate Presentation	Slepicka, Jessie	Criminal Justice	Ward, Kyle	Research Excellence Award Finalist

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Body-Worn Cameras: Perceptions of Law Enforcement Officers	10:00 a.m. - Noon	Graduate Presentation	VanDress, Troy	Criminal Justice	Evans, Mary	Research Excellence Award Finalist
The experiences of students with foreign language backgrounds in Intro to Proofs courses	10:00 a.m. - Noon	Graduate Presentation	Lang, Julie	Educational Mathematics	Bagley, Spencer	
An Investigation into the Gender Equatable Training of Mathematics Graduate Teaching Assistants	10:00 a.m. - Noon	Graduate Presentation	Alt, Andrea	Educational Mathematics	Bagley, Spencer	Research Excellence Award Finalist
The BrainWise Curriculum: Associations with executive functions at an online, at-risk high school	10:00 a.m. - Noon	Graduate Presentation	Jacobs, Amanda	Educational Psychology	Welsh, Marilyn	Research Excellence Award Finalist
The Efficacy of the College Assistant Migrant Program (CAMP) in Increasing Student Success and Completion of Higher Education	10:00 a.m. - Noon	Graduate Presentation	Cardenas, Gisela	Higher Education & Student Affairs Leadership	Aguirre, Dennis	McNair Scholar
Development of Creativity-in-Progress Rubric (CPR) on Problem Solving for Undergraduate Mathematics Courses	10:00 a.m. - Noon	Graduate Presentation	Cadogan, Kimberley	Mathematics	Bagley, Spencer	
Comparing the Effects of Instructor Feedback and Peer Feedback in Undergraduate Mathematics	10:00 a.m. - Noon	Graduate Presentation	Czysz, Evan; Krieschel, Jenna; Ruff, Adam	Mathematics	Bagley, Spencer	
Disseminated Intravascular Coagulation (DIC) and Anticoagulation Therapy	10:00 a.m. - Noon	Graduate Presentation	McLernon, Tara	Nursing	Snyder, Audrey	
Does Aerobic Exercise Change Balance, Gait, and Quality of Life in Patients with Parkinson's Disease?	10:00 a.m. - Noon	Graduate Presentation	Nelson, Angela	Nursing	Snyder, Audrey	
Census based staffing model for inpatient units	10:00 a.m. - Noon	Graduate Presentation	Axmann Grabinger, Angela	Nursing		
Cost Analysis of infusion utilization process for hospice patients	10:00 a.m. - Noon	Graduate Presentation	Newvine, Colleen	Nursing		
Cost Analysis of Radial vs Femoral Approach for Cardiac Catheterization	10:00 a.m. - Noon	Graduate Presentation	Tullis, Megan; Bigley, Cassandra	Nursing	Einhellig, Katrina	
Cost effective health care - Reusable or disposable?	10:00 a.m. - Noon	Graduate Presentation	Bailey, Diana; Christiansen, Erin	Nursing		
Nurse Practitioners' Impact on Health Literacy in the Primary Care Setting	10:00 a.m. - Noon	Graduate Presentation	McQuagge, Elizabeth; Martin, Katie; Rennie, Siri	Nursing	Levine, Martha	Research Excellence Award Finalist

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Financial Considerations of Utilizing New Graduate Nursing Programs	10:00 a.m. - Noon	Graduate Presentation	Down, Isa; Nti, Emmanuel	Nursing		
Cost Analysis of IV Push Antibiotics versus IV Piggyback Antibiotics	10:00 a.m. - Noon	Graduate Presentation	Davis, Meredith; Hutson, Elizabeth	Nursing		
Cost Analysis of IV Push Antibiotics versus IV Piggyback Antibiotics	10:00 a.m. - Noon	Graduate Presentation	Hutson, Elizabeth; Davis, Meredith	Nursing		
Dietary and weight status in children with an Autism Spectrum Disorder	10:00 a.m. - Noon	Graduate Presentation	Hsueh, Esther	Nutrition	Withrow, Nicole	Research Excellence Award Finalist
Issues Facing Current Trans Research	10:00 a.m. - Noon	Graduate Presentation	Landers, Nathan; Sachs, Natalie	Psychology	Rings, Jeffrey	
Sexuality and Intimate Relationships in Adolescents and Adults Who Have Autism: A Review of Literature	10:00 a.m. - Noon	Graduate Presentation	Kransberger, Charles	Rehabilitation Counseling	Bezyak, Jill	Community Engaged Scholar
Effects of Creatine Supplementation and Doxorubicin Treatment on Diaphragm Myogenic Regulatory Factor Expression	10:00 a.m. - Noon	Graduate Presentation	Jones, Megan	Sport & Exercise Science		
Exploring the Relationship of Social Media to the Brand Personality of the NBA	10:00 a.m. - Noon	Graduate Presentation	Park, Jiyoung	Sport & Exercise Science	Morse, Alan	
The Development of Evidence-Based Practice Menus for the Whole School, Whole Community, Whole Child (WSCC) Model	10:00 a.m. - Noon	Graduate Presentation	Kuhn, Ann	Sport & Exercise Science	Carson, Russell	Research Excellence Award Finalist; Community Engaged Scholar
University-Community Engagement Strategies for developing Physical Activity Leaders in Colorado	10:00 a.m. - Noon	Graduate Presentation	Stoepker, Peter	Sport & Exercise Science	Dauenhauer, Brian	Research Excellence Award Finalist; Community Engaged Scholar
Minimum number of stride to determine stable symmetry during running	10:00 a.m. - Noon	Graduate Presentation	Barrons, Zach; Murphy, Shane	Sport & Exercise Science	Smith, Jeremy	
Complementary and Alternative Medicine Use in Cancer Survivors in a Structured Exercise Program	10:00 a.m. - Noon	Graduate Presentation	Smoak, Peter	Sport & Exercise Science	Stewart, Laura	Research Excellence Award Finalist
Effects of Exercise on the Expansion of Myeloid-Derived Suppressor Cells	10:00 a.m. - Noon	Graduate Presentation	Garritson, Jacob	Sport & Exercise Science	Hayward, Reid	Research Excellence Award Finalist
Cannabis Use Habits in Relation to Physical Activity	10:00 a.m. - Noon	Graduate Presentation	Lisano, Jonathon	Sport & Exercise Science	Stewart, Laura	

2018 Research Day Schedule

Presentation Title	Time	Status	Presenter(s)	Primary Discipline	Faculty Sponsor	Designation
The Effects of Footwear on Barbell Back Squat Mechanics in Experienced Female Squatters	10:00 a.m. - Noon	Graduate Presentation	Walker, Sara; Kellems, Vanessa; Alunan, Ashley	Sport & Exercise Science	Smith, Jeremy	
POSTER SESSION 1: 10 A.M.- 12 P.M.						
UNDERGRADUATE PRESENTATIONS						
Mt Evans and Pike Peak Ballrooms						
It's Time to "hoe": The perspectives of Black women concerning "hoeing" and Other Stereotypical Portrayals of the Black Female within & beyond HBO's show Insecure	10:00 a.m. - Noon	Undergraduate Presentation	Monroe, Calesia	Africana Studies	Gardner, Mitchell	McNair Scholar
Where my Sisters At?	10:00 a.m. - Noon	Undergraduate Presentation	Crosby, Rachel	Africana Studies	Boyce, Travis	
Two Roads Diverged in a Favela	10:00 a.m. - Noon	Undergraduate Presentation	Mendoza, Flor	Africana Studies	Boyce, Travis	Community Engaged Scholar
Accessibility Matters: Artifacts Through Digital Modeling and Replication	10:00 a.m. - Noon	Undergraduate Presentation	Hart, Shelby	Anthropology	Creekmore, Andrew	McNair Scholar
Localization Abilities in Canines Wearing MuttMuffs	10:00 a.m. - Noon	Undergraduate Presentation	Duffy, Taylor	Audiology & speech-language sciences	Bright, Kathryn	Honors
Costco and Ethical Leadership	10:00 a.m. - Noon	Undergraduate Presentation	Rogers, Kayla; Hassell, Gregory; Priddy-Smith, Andrea	Business Administration	Wanasika, Isaac	
Comparison of Accelerants used in Forest Fire Arson	10:00 a.m. - Noon	Undergraduate Presentation	Urdangaray, Sylvia; Hyde, Nathan	Chemistry	Pringle, David	
The Fight Against the Drug War: Police Corruption	10:00 a.m. - Noon	Undergraduate Presentation	Diaz Lopez, Erika	Criminal Justice	Mitchell, Cynthia	
Incarcerated Parents: Social Bond Theory and Child's Changed Behavior	10:00 a.m. - Noon	Undergraduate Presentation	Reynoso, Evelyn	Criminal Justice	Ward, Kyle	
Greeley, Colorado Municipal Water Climate-Change Vulnerability	10:00 a.m. - Noon	Undergraduate Presentation	Radmacher, William	Earth Sciences	Bywater-Reyes, Sharon	
The North Korean Solution	10:00 a.m. - Noon	Undergraduate Presentation	Skidmore, Gunnar	Economics	Corman, Rhonda	
Disney Parks: The Evolution of Success	10:00 a.m. - Noon	Undergraduate Presentation	Mlaker, Erin	Economics	Corman, Rhonda	
European Integration: Meeting the Competitiveness Challenge	10:00 a.m. - Noon	Undergraduate Presentation	Grigonyte, Viktorija; Jurjonaite, Austeja	Economics	Wanasika, Isaac	
Impacts of illegal Mexican Immigrants in the U.S.	10:00 a.m. - Noon	Undergraduate Presentation	Romero, William	Economics	Corman, Rhonda	

2018 Research Day Schedule

Presentation Title	Time	Status	Presenter(s)	Primary Discipline	Faculty Sponsor	Designation
How Does Money Concentration Effect the U.S. Economy?	10:00 a.m. - Noon	Undergraduate Presentation	Parks, Logan	Economics	Corman, Rhonda	
Identity Based Education: Where Social Justice Meets Learner-Centered Teaching	10:00 a.m. - Noon	Undergraduate Presentation	Hernandez, Timothy	Educational Studies	Kraver, Jeraldine	McNair Scholar
Analysis of Microplastic Polymers in Fresh Water Reservoirs and Lakes	10:00 a.m. - Noon	Undergraduate Presentation	Sierra, Soledad	Environmental/Sustainability Studies	Romulo, Chelsie	McNair Scholar
A Concurrent Triangulation Approach: The Environmental and Sustainability Awareness Among UNC Community	10:00 a.m. - Noon	Undergraduate Presentation	Aljobaily, Hend; Aljobaily, Nouf	Environmental/Sustainability Studies	Aljobaily, Hend	
A Historical Geography of Italian Food in Colorado	10:00 a.m. - Noon	Undergraduate Presentation	Sheley, Eric	Geography	Collins, Charles	McNair Scholar
Assessing Mental Maps with Media Geography and Students' Perceptions	10:00 a.m. - Noon	Undergraduate Presentation	Orquera, Ivan	Geography	Collins, Charles	McNair Scholar
Increasing Productivity in GIS Land Cover Type Delineation	10:00 a.m. - Noon	Undergraduate Presentation	Rogerson, Joshua	Geography	Salo, Jessica	
A Qualitative Analysis of Changes in Vegetation Cover Type and Stream Flow of the South Platte River	10:00 a.m. - Noon	Undergraduate Presentation	Mohd-Reza, Ahmad	Geography	Salo, Jessica	Community Engaged Scholar
College students' perception of racism on college campus	10:00 a.m. - Noon	Undergraduate Presentation	Garcia, Johnathan	Higher Education & Student Affairs Leadership	Iannacchione, Brian	McNair Scholar
Creating Social Change in How We View Displacement and Provide Support	10:00 a.m. - Noon	Undergraduate Presentation	Van Dyke, Ally; Ward, Ryan; Perri, Christopher; Blacker, Christopher	Leadership Studies	Ortis, Liane	
Raising awareness on the stigmas of special education	10:00 a.m. - Noon	Undergraduate Presentation	Nolan, Cassidy; Marrufo, Aida; Klein, Zachary	Leadership Studies	Ortis, Liane	
Reduce, Reuse, Recycle: Impact on Climate Change	10:00 a.m. - Noon	Undergraduate Presentation	Londenberg, Sierra; Nelson, Alena; Gray, Kelsey; Clark, Kaie	Leadership Studies	Ortis, Liane	
Examining how the College Experience and Performance of Latino DREAMers is being affected by the Trump Administration	10:00 a.m. - Noon	Undergraduate Presentation	Hernandez-Ramirez, Brenda	Mexican American Studies	Del Carpio Ovando, Karla	Honors

2018 Research Day Schedule

Presentation Title	Time	Status	Presenter(s)	Primary Discipline	Faculty Sponsor	Designation
Vaping and Cigarettes in College Students	10:00 a.m. - Noon	Undergraduate Presentation	Raines, Summer	Psychology	Bergstrom, Cassandra	Honors
POSTER SESSION 2: 1 P.M.- 3 P.M.						
GRADUATE PRESENTATIONS						
Mt Evans and Pike Peak Ballrooms						
Ethical Stance of Dynamic Informed Consent: Participants Cannot Provide Informed Consent if They are not Informed	1:00 p.m. - 3:00 p.m.	Graduate Presentation	Rockwell, Angela	Applied Statistics & Research Methods	Lahman, Maria	
The P-Value; A fallacy. The Confidence Interval is a better Statistical Testing Alternative in Medical Research.	1:00 p.m. - 3:00 p.m.	Graduate Presentation	Oduro, Michael	Applied Statistics & Research Methods	Lahman, Maria	
Ethical Stance in Maternal-Fetal Medicine	1:00 p.m. - 3:00 p.m.	Graduate Presentation	Skafyan, Maryam	Applied Statistics & Research Methods	Lahman, Maria	Research Excellence Award Finalist
Effectiveness and Utilization of 7th Grade Students who take a Whole-Health Curriculum	1:00 p.m. - 3:00 p.m.	Graduate Presentation	Haskowitz, Yael	Applied Statistics & Research Methods	Larkins, Randy	
Should all African countries subscribe to the African Charter on Statistics?	1:00 p.m. - 3:00 p.m.	Graduate Presentation	Wagya, Kofi	Applied Statistics & Research Methods	Lahman, Maria	
A comparison of two calibration methods for distortion product otoacoustic emissions: Do standing waves matter?	1:00 p.m. - 3:00 p.m.	Graduate Presentation	Hanson, Christine	Audiology & speech-language sciences	Bright, Kathryn	Community Engaged Scholar
An Assessment of Students Conceptual understanding of Metabolic Pathways	1:00 p.m. - 3:00 p.m.	Graduate Presentation	Abdugadar, Amani	Chemistry	Suits, Jerry	
Does Parenting Matter During Youth Experiences of Bullying?	1:00 p.m. - 3:00 p.m.	Graduate Presentation	King, Callie	Counseling Psychology	Wright, Stephen	
Child Maltreatment and its Effect on Face Emotion Perception	1:00 p.m. - 3:00 p.m.	Graduate Presentation	Barthelemy, Kady	Counseling Psychology	Wright, Stephen	
Creativity in Cultivating Cultural Empathy	1:00 p.m. - 3:00 p.m.	Graduate Presentation	Zhao, Adam	Counseling Psychology	Tian, Lu	
Exploring the Narratives Surrounding the Racial Climate at a Rocky Mountain University: Moving Towards a Campus-wide Safe Haven	1:00 p.m. - 3:00 p.m.	Graduate Presentation	Hall, Deon	Educational Psychology	Wright, Stephen	
Overtime, what is the total cost?	1:00 p.m. - 3:00 p.m.	Graduate Presentation	Wells, Julia; McNamara, Nicola	Nursing	Einhellig, Katrina	

2018 Research Day Schedule

Presentation Title	Time	Status	Presenter(s)	Primary Discipline	Faculty Sponsor	Designation
Low Health Literacy Costs and Opportunity for Action	1:00 p.m. - 3:00 p.m.	Graduate Presentation	Hijmans, Kyler	Nursing	Levine, Martha	
A cost-analysis of similar wound dressings to determine if selection by supply cost alone provides similar effectiveness and actual savings.	1:00 p.m. - 3:00 p.m.	Graduate Presentation	Sebesta, Jannene; Denton, Marianne	Nursing		
Minocycline-Rifampin Central Venous Catheters (CVCs) vs. Chlorhexadine-Silver-Sulfadiazine CVCs in prevention of Central Line-Associated Bloodstream Infection---A Descriptive Cost-Benefit Analysis.	1:00 p.m. - 3:00 p.m.	Graduate Presentation	Barefoot, Sharon; Wilson, Makayla	Nursing	Levine, Martha	
The Quality Care Advantage and Cost Benefits of Incorporating a Psychiatric Unit into the Emergency Department	1:00 p.m. - 3:00 p.m.	Graduate Presentation	Law, Mikaelyn	Nursing	Levine, Martha	
A Cost analysis comparing methods of enteral access placement in hospitalized patients.	1:00 p.m. - 3:00 p.m.	Graduate Presentation	Babumba-Migadde, Diana	Nursing		
Assessment Of Current Practices Of Teaching Social Skills To Students With Autism	1:00 p.m. - 3:00 p.m.	Graduate Presentation	Aldawood, Naif; Albaqshi, Amani	Special Education		
Effects of Creatine Supplementation and Doxorubicin Treatment on Myogenic Regulatory Factor Expression in Slow and Fast Muscle	1:00 p.m. - 3:00 p.m.	Graduate Presentation	Torok, Zoltan	Sport & Exercise Science	Hydock, David	
Effects of Resistance Training on Antioxidant Expression in Type I Muscle from Doxorubicin Treated Rats	1:00 p.m. - 3:00 p.m.	Graduate Presentation	Ahn, Won Mo	Sport & Exercise Science	Hydock, David	

POSTER SESSION 2: 1 P.M.- 3 P.M.

UNDERGRADUATE PRESENTATIONS

Mt Evans and Pike Peak Ballrooms

The Black Face of Chadwick Boseman	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Jaudon, Karese	Africana Studies	Boyce, Travis	
Pueblo Pottery: A Look into Cataloguing, Curation, Mount Making and More	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Jennings, Elizabeth	Archeology	Creekmore, Andrew	Honors
A Data Synthesis on Melodic Intonation Therapy	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Ulfers, Jacqueline	Audiology & speech-language sciences	Hanks, Julie	Honors

2018 Research Day Schedule

Presentation Title	Time	Status	Presenter(s)	Primary Discipline	Faculty Sponsor	Designation
Math Incorporated Storybook Intervention with African Refugee Students in Greeley Colorado	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Volzke, Claire	Audiology & speech-language sciences	Hanks, Julie	Honors
To Protect Who Serve: Study of The Risk of Noise Induced Hearing Loss during a Law Enforcement Officer's Work Shift Due To Occupational Noise Exposure	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Ott, Brianna	Audiology & speech-language sciences	Meinke, Deanna	Honors
BMP Regulation of Cyst Stem Cell Division in the Drosophila Testis Stem Cell Niche	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Ahmed, Mohamoud; Vo, Nam	Biological Sciences	Leatherman, Judith	Research Excellence Award Finalist
Chemotaxis in Myeloid-Derived Suppressor Cells: Characterizing the Interaction between TFF2 and CXCR4	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Berger, Michael	Biological Sciences	Pullen, Nicholas	
CRISPER-mediated Knockout of Proteins Potentially Involved in MSDC Recruitment	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Harter, Glenn	Biological Sciences	Haughian, James	McNair Scholar
The Effects of Cannabidiol and delta 9-Tetrahydrocannabinol Concentration on Breast Cancer Cells	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Agyemang, Dorothy	Biological Sciences	Hyslop, Richard	Research Excellence Award Finalist; Honors; McNair Scholar
Differential prey delivery rates in male and female Rock Wrens as an indicator of parental effort.	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Worley, Ryan	Biological Sciences	Benedict, Lauryn	Research Excellence Award Finalist
Minimodal: Dimensional Domain of Miniature Shipping Containers for Intermodal Freight Transportation	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Stapley, Lee	Business Administration	Martinez, Rutilio	Honors
Does Childhood Socioeconomic Status Influence Sustainable Consumption? A Life History Approach.	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Rodriguez Betancourt, Esmeralda	Business Administration	Brannon, Daniel	Research Excellence Award Finalist; McNair Scholar
Synthesis of O-benzyl-N-(9'acridinyl)hydroxylamine	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Forster, Jana	Chemistry	Mosher, Michael	
Preserving and Recovering Latent Fingerprints on Duct Tape Separated with Carbon Dioxide	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Hoang, Vivian	Chemistry	Pringle, David	Honors
Reasoning to Migration	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Beyene, Warsa	Criminal Justice	Mitchell, Cynthia	
Nutrition Education in Army ROTC Students	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Downum, Ascheleigh	Dietetics	Kage, Katie	
The Name of the Game: Does a Person's Name Contribute to Socio-Economic Success?	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Morford, Cameron	Economics	Corman, Rhonda	Research Excellence Award Finalist

2018 Research Day Schedule

Presentation Title	Time	Status	Presenter(s)	Primary Discipline	Faculty Sponsor	Designation
The link between poverty and increases in Crime Rate	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Prisk, Brandon	Economics	Corman, Rhonda	
Cost-Benefit Analysis of US Defense Spending	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Severance, Seamus	Economics	Corman, Rhonda	
Where's The Money? The Economic Effects of Hosting Major Sport Events	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Cabral Pasillas, Jorge	Economics	Mitchell, Cynthia	
The Externalities of Sprawl Development	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Solomon, Rayvon	Economics	Corman, Rhonda	Research Excellence Award Finalist
The Transition to Zero Emissions in Colorado	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Frederick, Jenna	Economics	Corman, Rhonda	
Undocumented Immigrants in Higher Education	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Padilla Vega, Zinthia	Economics	Corman, Rhonda	
Criminalization of Commodities: Consequences of the Black Market	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Willocks, Kyle	Economics	Corman, Rhonda	
Chained to the Free Market	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Gravina, Jacob	Economics	Corman, Rhonda	
Unskilled Labor Shortage in Housing Development Industry	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Baird, Beck	Economics	Corman, Rhonda	Research Excellence Award Finalist
The Long-run Effects of the Olympics on Host Cities	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Stephens, Frank	Economics	Corman, Rhonda	Research Excellence Award Finalist
Homelessness in America	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Bailey, Mitchell	Economics	Corman, Rhonda	
Foreign direct investment in Ethiopia (1990-2015)	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Hailemariam, Ellen	Economics	Corman, Rhonda	
Impact of Market Concentration in the Financial Services Sector	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Costello, William	Economics	Corman, Rhonda	
Gambling	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Taggart, Cameron	Economics	Corman, Rhonda	
Brain Drain and Economic	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Sied, Jemilla	Economics	Corman, Rhonda	
Conquering Math Anxiety	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Ellett, Kendra	Elementary Education	Kang, Hyun Jung	Research Excellence Award Finalist; Honors
Introducing Basic Biology Standards to an Elementary Classroom using a Grammostola Rosea	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Brandt, Mollie; Medina, Vanessa	Elementary Education	Higgins, Teresa	

2018 Research Day Schedule

Presentation Title	Time	Status	Presenter(s)	Primary Discipline	Faculty Sponsor	Designation
The Value of Bees	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Medina, Vanessa; Brandt, Mollie	Elementary Education	Higgins, Teresa	
Butterflies in the Classroom	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Vasquez, Monica; Dowd, Justin; Kiefer, Jenelle; Mendez, Erick; Sturgell, Alexandra	Elementary Education	Higgins, Teresa	
Ants in an Elementary Classroom	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Dowd, Justin; Mendez, Erick	Elementary Education	Higgins, Teresa	
Chicks in an Elementary Classroom	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Sturgell, Alexandra; Kiefer, Jenelle; Vasquez, Monica	Elementary Education	Higgins, Teresa	
Societal Impacts of LGBT Education	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Esparza, Giovanni	Gender Studies	Mitchell, Cynthia	
Larimer County, Colorado: A Dasymetric Analysis of Population Density	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Penrod, Nathaniel	Geography	Salo, Jessica	Research Excellence Award Finalist
Languages bring us together!	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Ferguson, Marisa; Destree, Kimberly; Poblano, Jasmine; Silva, Nancy; Hermanson, Cassandra; Ptak, Samuel; Schulte, Rebecca; Euresti, Alexis; Smith, Avery	Hispanic Studies	Del Carpio Ovando, Karla	
Let's promote cultural and linguistic diversity through bilingual education!	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Williams, Kendall; Destree, Kimberly; Schmidt, Nicholas; Ortega, Francesca	Hispanic Studies	Del Carpio Ovando, Karla	
Computing periods of nonlinear Hamiltonian systems in the two-body problem of celestial mechanics	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Powell, Maia	Mathematics	Diaz, Ricardo	Research Excellence Award Finalist; McNair Scholar
Written sarcasm detection using software	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Perez Rodriguez, Jose	Mathematics	Levin, Oscar	McNair Scholar
DACAmented: LatinX Youth Immigrant Struggle, Activism through Images	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Rivera, Nicole	Mexican American Studies	Alcantar, Jonathan	Research Excellence Award Finalist; McNair Scholar; Community Engaged Scholar
Laughing Wild Amidst Severest Woe: A Look At An Audience's Views of Mental Health Stigmas Before and After Seeing A Christopher Durang Play	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Baumgardner, Alyssa	Musical Theatre	Moon, Andrea	Honors

2018 Research Day Schedule

Presentation Title	Time	Status	Presenter(s)	Primary Discipline	Faculty Sponsor	Designation
Breastfeeding among Refugee Women in Weld County	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Reuter, Audrey	Nursing	Henry, Melissa	Honors
A Brainwave Control System for the Home	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Morse, Justin	Physics	Semak, Matthew	
The Speed of Sound as a Function of Altitude	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Snouffer, Quinton; Rathke, Benjamin; Avina, Juan; Bullard, Austin	Physics	Semak, Matthew	
Eclipse Project with Colorado Space Grant Consortium	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Fender, Joshua; Morse, Justin; Ringler, John	Physics	Galovich, Cynthia	
Modeling long-range interactions in a 2D Ising ferromagnet	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Ringler, John	Physics	Semak, Matthew	
Separating neutrino events by source using the IceCube Neutrino Observatory's IC86 data	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Pankratz, Camden	Physics	Galovich, Cynthia	
A Computational Method for Finding the Path of Approach of an Ion to a Reaction Site	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Miller, Richard	Physics	Semak, Matthew	
Sonoluminescence	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Chacon, Sergio	Physics	Galovich, Cynthia	McNair Scholar
Utilization of SLAM for Autonomous 3D Robotic Environmental Mapping	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Helms, Cody; Fender, Joshua	Physics	Semak, Matthew	
Numerical Analysis of Chaotic Circuits	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Avina, Juan	Physics	Semak, Matthew	
Pre-Test Processing Differences of Test Anxious Students	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Garcia, Michelle	Psychology	Allen, Michael	Research Excellence Award Finalist; Honors
Permeating presence: Examining the effects of mindfulness-trained supervisors on employee performance	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Marquez, Pearl	Psychology	Kole, James	Research Excellence Award Finalist; Honors
The effects of music therapy on Alzheimer's language deficits	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Reed, Alana	Psychology	Ross, Rosann	Honors
Trauma and Mental Health Symptoms Predict Childhood Maltreatment in a College Sample	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Breen, Mary; Stoddard, Kristen; LaFary, Kathryn	Psychology	Welsh, Marilyn	
The Portrayal of the Vietnam War in Northern Colorado High School Classrooms	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Carney, Erin	Social Science	Fischer, Fritz	McNair Scholar

2018 Research Day Schedule

Presentation Title	Time	Status	Presenter(s)	Primary Discipline	Faculty Sponsor	Designation
Stay-at-Home Mothers and Alternative Articulations of Power: A Study of Standpoint	1:00 p.m. - 3:00 p.m.	Undergraduate Presentation	Brimberry, Holly	Sociology	Prelog, Andrew	Community Engaged Scholar

BIOLOGY POSTER SESSION 3:30 PM - 4:30 PM

Mt Evans Ballroom

Influence of Affective Factors on Practices in Simulated Authentic Science Inquiry	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Abelein, Hannah	Biological Sciences	Peffer, Melanie	
BMP Regulation of Cyst Stem Cell Division in the Drosophila Testis Stem Cell Niche	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Ahmed, Mohamoud; Vo, Nam	Biological Sciences	Leatherman, Judith	
Course syllabi reflect faculty teaching practices	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Aldor, Emily	Biological Sciences	Holt, Emily	
Chemotaxis in Myeloid-Derived Suppressor Cells: Characterizing the Interaction between TFF2 and CXCR4	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Berger, Michael	Biological Sciences	Pullen, Nicholas	Research Excellence Award Finalist
The Effect of Voluntary Exercise on T Regulatory Cell Populations in Rat Mammary Adenocarcinomas	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Brenner, Cassandra	Biological Sciences	Haughian, James	Honors
Impact of high levels of root colonization by mycorrhizal fungi on plant-aphid interactions	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Buck, Cedric	Biological Sciences	Gomez, Susana	Community Engaged Scholar
Spatio-temporal regulation of Rac- and Rho-GTPase in the zebrafish developing eye	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Freeburg, Matthew; Canino, Brandon	Biological Sciences	James, Andrea	
Playing games to learn genetics: does practicing spatial reasoning through games alongside genetics instruction improve learning?	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Garcia, Arianna	Biological Sciences	Peffer, Melanie	
Characterization of Zebrafish Whole Embryo Integrin-β1 Mutant Phenotypes	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Gomez, Uriel	Biological Sciences	James, Andrea	
Effects of Nitrogen Treatments on Root Structure of Artemisia tridentata and Ericameria nauseosa	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Hawson, Kieran	Biological Sciences	Schneider, Gwen	
Effect of Interspecies Competition on Growth and Productivity Between Achillea millefolium and Ericameria nauseosa	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Holscher, Kirsten	Biological Sciences	Franklin, Scott	
Effects of Exercise on Ability of Myeloid Derived Suppressor Cells (MDSC) to Suppress T-Cells	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Krehmeyer, Brooklyn	Biological Sciences	Haughian, James	McNair

2018 Research Day Schedule

Presentation Title	Time	Status	Presenter(s)	Primary Discipline	Faculty Sponsor	Designation
Identifying Steroidogenic Acute Regulatory Protein (STARD1) in Bovine Luteal Tissue	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Krum, Brian	Biological Sciences	Burns, Patrick	
RNA interference of the co-smad medea in <i>Drosophila melanogaster</i> testis stem cell niche	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Lewis, Kaden; Medina, Hannah	Biological Sciences	Leatherman, Judith	
Image Processing and Quantification of Choroid Fissure Closure in Zebrafish	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Likes, Taryn; Pardue, Jessica	Biological Sciences	James, Andrea	
The Effect of mad Inhibition on BMP Signaling in the <i>Drosophila</i> Testis Cyst Stem Cells	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Masters, Alexandra; Alexander, Anthony	Biological Sciences	Leatherman, Judith	
Localization of Rac1 during Choroid Fissure Closure in the Developing Zebrafish Eye	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Murry, Zvi	Biological Sciences	James, Andrea	
Image Processing and Quantification of Choroid Fissure Closure in Zebrafish	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Pardue, Jessica; Likes, Taryn	Biological Sciences	James, Andrea	
Quantifying Circulating Myeloid-derived Suppressor Cells (MDSCs) in the Blood of Human Cancer Patients	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Rase, Viva	Biological Sciences	Haughian, James	
<i>Coreopsis gigantea</i> Gene Flow in the Channel Islands	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Ruvalcaba, Cynthia	Biological Sciences	McGlaughlin, Mitchell	
Localization of N-cadherin in the Zebrafish Choroid Fissure	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Saengthian, Thipok	Biological Sciences	James, Andrea	
In Vivo analysis of choroid fissure morphogenesis during zebra fish development	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Smothers, Leanna	Biological Sciences	James, Andrea	
Growing on a scar: Population genetics of a Colorado wildflower	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Spitzer, Ace	Biological Sciences	McGlaughlin, Mitchell	
Effect of fish oil on progesterone metabolism in mouse hepatocytes	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Thompson, Austin; Stack, Kiersten	Biological Sciences	Burns, Patrick	
Germination trials in the sagebrush ecosystem	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Weston, Nick	Biological Sciences	Franklin, Scott	
Fluorescence activated cell sorting of zebrafish for RNA sequencing of choroid fissure genes in the developing zebrafish eye	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Wood, KD	Biological Sciences	James, Andrea	
Differential prey delivery rates in male and female Rock Wrens as an indicator of parental effort.	3:30 p.m. - 4:30 p.m.	Undergraduate Presentation	Worley, Ryan	Biological Sciences	Pitt, Stephanie	