



2018 Research Excellence Award Final Results

Graduate

Natural & Health Sciences- Oral Presentation

First Place:

Giving a Guano: How Rocky Mountain Bats Impact Rare Cliff-Face Ecosystems

Presenter: Wilson, Ashley

Faculty Sponsor: Adams, Rick

Discipline: Biological Sciences

Finalists:

The Influence of Localized Knee Fatigue on Lower Limb Dynamics during Walking

Presenter: Robey, Nathan

Faculty Sponsor: Gary Heise

Discipline: Sport & Exercise Science

Anti-cancer potential of Crotalus scutulatus venom

Presenter: Harvey, Tanner

Faculty Sponsor: Mackessy, Stephen

Discipline: Biological Sciences

Natural & Health Sciences- Poster

FIRST Place:

Effects of Exercise on the Expansion of Myeloid-Derived Suppressor Cells

Presenter: Garritson, Jacob

Faculty Sponsor: Hayward, Reid

Discipline: Sport & Exercise Science

Finalists:

University-Community Engagement Strategies for developing Physical Activity Leaders in Colorado

Presenter: Stoepker, Peter

Faculty Sponsor: Dauenhauer, Brian

Discipline: Sport & Exercise Science

Nurse Practitioners' Impact on Health Literacy in the Primary Care Setting

Presenter: McQuagge, Elizabeth; Martin, Katie; & Rennie, Siri

Faculty Sponsor: Levine, Martha

Discipline: Nursing

Dietary and weight status in children with an Autism Spectrum Disorder

Presenter: Hsueh, Esther

Faculty Sponsor: Withrow, Nicole

Discipline: Nutrition

Complementary and Alternative Medicine Use in Cancer Survivors in a Structured Exercise Program

Presenter: Smoak, Peter

Faculty Sponsor: Stewart, Laura

Discipline: Sport & Exercise Science

Social Science, Education & Business- Oral Presentation

FIRST PLACE:

Addressing Poverty with Social Capital: A Qualitative Study on Building Connections Through Organizational Practices

Presenter: Adams, Ethan

Faculty Sponsor: Prelog, Andrew

Discipline: Sociology

Finalists:

Creating Digital Story Telling with Saudi Arabian Pre-Service Teachers Using ADDIE to Promote Lesson Plan Development

Presenter: Bugis, Yosra

Faculty Sponsor: Mia Williams

Discipline: Educational Technology

Ethnographic Study of University Upper Level Administrative Student Affairs Professionals in Dual Roles

Presenter: Sebastian, Margaret

Faculty Sponsor: Lahman, Maria

Discipline: Higher Education & Student Affairs Leadership

Social Science, Education & Business- Poster

FIRST PLACE:

Strain, Boredom, and Self-Control: Extending General Strain Theory to Texting While Driving

Presenter: Slepicka, Jessie

Faculty Sponsor: Ward, Kyle

Discipline: Criminal Justice

Finalists:

The Development of Evidence-Based Practice Menus for the Whole School, Whole Community, Whole Child (WSCC) Model

Presenter: Kuhn, Ann

Faculty Sponsor: Carson, Russell

Discipline: Sport & Exercise Science

The BrainWise Curriculum: Associations with executive functions at an online, at-risk high school

Presenter: Jacobs, Amanda

Faculty Sponsor: Marilyn Welsh

Discipline: Educational Psychology

An Investigation into the Gender Equatable Training of Mathematics Graduate Teaching Assistants

Presenter: Alt, Andrea

Faculty Sponsor: Bagley, Spencer

Discipline: Educational Mathematics

Body Worn Cameras: Perceptions of Law Enforcement Officers

Presenter: VanDress, Troy

Faculty Sponsor: Evans, Mary

Discipline: Criminal Justice

Humanities & Arts- Oral Presentation

FIRST PLACE:

Organology in the Iconography of the Ramayana Epic and Instruments at the Courts of Southeast Asia

Presenter: Patarateeranon, Tachinee

Faculty Sponsor: Jittapim Yamprai

Discipline: Music

Humanities & Arts- Poster

FIRST PLACE:

Ethical Stance in Maternal-Fetal Medicine

Presenter: Skafyan, Maryam

Faculty Sponsor: Lahman, Maria

Discipline: Applied Statistics & Research Methods

Undergraduate

Natural & Health Sciences- Oral Presentation

FIRST Place:

Growing on a scar: Population genetics of a Colorado wildflower

Presenter: Spitzer, Ace

Faculty Sponsor: McGlaughlin, Mitchell

Discipline: Biological Sciences

Finalists:

Themes for Participation in Physical Activity Breaks in College Classrooms

Presenter: Polson, Taylor

Faculty Sponsor: Stellino, Megan

Discipline: Sport & Exercise Science

Perceived Confidence Ability in Nutrition Counselors

Presenter: Hill, RYanne

Faculty Sponsor: Kage, Katie

Discipline: Dietetics

Natural & Health Sciences- Poster

FIRST Place:

The Effects of Cannabidiol and delta 9-Tetrahydrocannabinol Concentration on Breast Cancer Cells

Presenter: Agyemang, Dorothy

Faculty Sponsor: Hyslop, Richard and Brown, Corina

Discipline: Chemistry and Biochemistry

Finalists:

Chemotaxis in Myeloid-Derived Suppressor Cells: Characterizing the Interaction between TFF2 and CXCR4

Presenter: Berger, Michael

Faculty Sponsor: Pullen, Nicholas

Discipline: Biological Sciences

Differential prey delivery rates in male and female Rock Wrens as an indicator of parental effort.

Presenter: Worley, Ryan

Faculty Sponsor: Lauryn Benedict

Discipline: Biological Sciences

BMP Regulation of Cyst Stem Cell Division in the Drosophila Testis Stem Cell Niche

Presenter: Ahmed, Mohamoud & Vo, Nam

Faculty Sponsor: Leatherman, Judith

Discipline: Biological Sciences

Computing periods of nonlinear Hamiltonian systems in the two-body problem of celestial mechanics

Presenter: Powell, Maia

Faculty Sponsor: Diaz, Ricardo

Discipline: Mathematics

Social Science, Education & Business- Oral Presentation

FIRST Place:

The Relationship between Food Addiction & Self-Worth

Presenter: Buhre, Madison

Faculty Sponsor: Jameson, Molly

Discipline: Psychology

Finalists:

How blockchain technology could change our lives

Presenter: Savron, Luca & Rui, Alessia

Faculty Sponsor: Wanasika, Isaac

Discipline: Economics

Management Interactionism

Presenter: Vakouftsis, Alexandros Georgios

Faculty Sponsor: Wanasika, Isaac

Discipline: Business Administration

Social Science, Education & Business- Poster

FIRST Place:

Permeating presence: Examining the effects of mindfulness-trained supervisors on employee performance

Presenter: Marquez, Pearl

Faculty Sponsor: Kole, James

Discipline: Psychology

Finalists:

Conquering Math Anxiety

Presenter: Ellett, Kendra

Faculty Sponsor: Kang, Hyun Jung

Discipline: Elementary Education

PRE-TEST PROCESSING DIFFERENCES OF TEST ANXIOUS STUDENTS

Presenter: Garcia, Michelle
Faculty Sponsor: Allen, Michael
Discipline: Psychology

Larimer County, Colorado: A Dasymetric Analysis of Population Density

Presenter: Penrod, Nathaniel
Faculty Sponsor: Salo, Jessica
Discipline: Geography

Does Childhood Socioeconomic Status Influence Sustainable Consumption? A Life History Approach.

Presenter: Rodriguez Betancourt, Esmeralda
Faculty Sponsor: Brannon, Daniel
Discipline: Business Administration

Humanities & Arts- Oral Presentation

FIRST Place:

Female Identities of the Interwar Period

Presenter: McCombs, Jessica
Faculty Sponsor: Cornish, Sarah
Discipline: English

Finalists:

Indoctrinating German Youth: Children's Stories and Textbooks as Propaganda in the Third Reich

Presenter: Ritter, Sarah
Faculty Sponsor: Clinefelter, Joan
Discipline: History

Living Dead in the United States: Felon Disenfranchisement and White Privilege

Presenter: Fletcher, Amber
Faculty Sponsor: Williams, Gregory
Discipline: Political Science

Humanities & Arts- Poster

FIRST Place:

DACAmented: LatinX Youth Immigrant Struggle, Activism through Images

Presenter: Rivera, Nicole
Faculty Sponsor: Alcantar, Jonathan
Discipline: Mexican American Studies

Finalists:

Unskilled Labor Shortage in Housing Development Industry

Presenter: Baird, Beck

Faculty Sponsor: Corman, Rhonda
Discipline: Economics

The Name of the Game: Does a Person's Name Contribute to Socio-Economic Success?

Presenter: Morford, Cameron
Faculty Sponsor: Corman, Rhonda
Discipline: Economics

The Long-run Effects of the Olympics on Host Cities

Presenter: Stephens, Frank
Faculty Sponsor: Corman, Rhonda
Discipline: Economics

The Externalities of Sprawl Development

Presenter: Solomon, Rayvon
Faculty Sponsor: Corman, Rhonda
Discipline: Economics