****

**2019 Research Excellence Award Final Results**

**GRADUATE**

**Humanities & Arts – Oral Presentation**

**FIRST PLACE:**

**Bryant, Melonie**

*19-0031 A Sip of “Lemonade”: A Critical Analysis of Beyoncé’s Lemonade Album Through the Lens of BlackLivesMatter*

Faculty Sponsor: Yamprai, Jittapim

Discipline: Music

**Finalists:**

**Malley, Trevor**

*19-0157 1948 Accra Riots: Impact on Kwame Nkrumah and the formation of the Convention People’s Party*

Faculty Sponsor: Weis, Robert

Discipline: History

**Patarateeranon, Tachinee**

*19-0047 Is Contemporary Music a Solution?: A New Strategy in Cultural Conservation of Traditional Music in The Mainland of Southeast Asia*

Faculty Sponsor: Yamprai, Jittapim

Discipline: Music

**Natural & Health Sciences – Oral Presentation**

**FIRST PLACE:**

**Freundlich, Anna**

*19-0055 Impacts of Spruce Beetle Disturbance on Macrolichen Communities in Northwestern Colorado*

Faculty Sponsor: Holt, Emily

Discipline: Biological Sciences

**Finalists:**

**Hsueh, Esther**

*19-0024 An Analysis of MyPlate Food Group Intake in Children with an Autism Spectrum Disorder*

Faculty Sponsor: Gould, Susan

Discipline: Nutrition & Dietetics

**Murphy, Shane; Muller, Haley;**

*19-0030 Achieving Stable Symmetry Indices of Walking Mechanics*

Faculty Sponsor: Smith, Jeremy

Discipline: Sport & Exercise

**Natural & Health Sciences – Poster Presentation**

**FIRST PLACE:**

**Krynski, Luke**

*19-0135 Cancer Survivor Muscular Strength Comparison to Apparently Healthy Population Normative Data*

Faculty Sponsor: Krynski, Luke

Discipline: Sport & Exercise

**Finalists:**

**Garritson, Jacob**

*19-0014 Exercise Reduces Proportions of Tumor Resident Myeloid-Derived Suppressor Cells*

Faculty Sponsor: Garritson, Jacob

Discipline: Sport & Exercise

**Chavarria Soto, Maria del Mar; Wittenberg, Megan;**

*19-0308 The relationship of basic psychological need satisfaction and before school physical activity in a Children’s Mileage Club*

Faculty Sponsor: Stellino, Megan

Discipline: Sport & Exercise

**Torok, Zoltan**

*19-0100 Effects of Creatine Monohydrate Feeding on Doxorubicin-Induced Skeletal Muscle Dysfunction*

Faculty Sponsor: Hydock, David

Discipline: Sport & Exercise

**Wu, Tsung-Yen; Aljobaily, Nouf; Weaver, Olyvia;**

*19-0249 Disruptions to circadian core clock genes may enhance liver fibrosis in mice fed with a high-fat diet*

Faculty Sponsor: Han, Yuyan

Discipline: Biological Sciences

**Social Science, Education & Business – Oral Presentation**

**FIRST PLACE:**

**Fowler, Brian**

*19-0128 Wage dispersion and team performance: An investigation of the National Basketball Association*

Faculty Sponsor: Morse, Alan

Discipline: Sport & Exercise

**Finalists:**

**Heim, Ashley**

*19-0018 Understanding undergraduates’ informal learning experiences at a regional zoo*

Faculty Sponsor: Holt, Emily

Discipline: Biological Sciences

**Royse, Emily**

*19-0244 Scrub Envy: Investigating Sources of Self-efficacy and Identity in Anatomy and Physiology Students*

Faculty Sponsor: Holt, Emily

Discipline: Biological Sciences

**Social Science, Education & Business – Poster Presentation**

**FIRST PLACE:**

**Barthelemy, Kady; Moore, Melissa; Wagya, Kofi**

*19-0301 Adverse Childhood Experiences and Outcomes on Adult Physical and Mental Health*

Faculty Sponsor: Wright, Stephen

Discipline: Counseling

**Finalists:**

**Aljobaily, Hend; Brown, Austin; Whitehead, Bryce; Wagya, Kofi;**

*19-0068 Comparing the Performance of ESL and English-Native Speaking Students in an Introductory Level Statistics Course*

Faculty Sponsor: Merchant, William

Discipline: Applied Statistics and Research Methods

**Lafferty, Melissa; Tackett, Brandy**

*19-0195 Assessing the Impact of Community Engagement in a Summer Athletic Bridge Program*

Faculty Sponsor:

Discipline: Social Science

**Slepicka, Jessie**

*19-0114 The Olweus Bullying Prevention Program in the United States: An Updated Systematic Review*

Faculty Sponsor: Ward, Kyle

Discipline: Criminal Justice

**UNDERGRADUATE**

**Humanities & Arts – Oral Presentation**

**FIRST PLACE:**

**Jennings, Elizabeth**

*19-0213 Ancestral Pueblo Pottery: Cataloguing, Curation, Mount Making, and more*

Faculty Sponsor: Creekmore, Andrew

Discipline: Anthropology

**Finalists:**

**Delay, Miranda**

*19-0125 Theme of Retribution in Traditional Chinese Stories*

Faculty Sponsor: Low, Michelle

Discipline: Asian Studies

**Marcial, Joshua**

*19-0105 The "NEET-Freak"*

Faculty Sponsor: Low, Michelle

Discipline: Asian Studies

**Humanities & Arts- Poster Presentation**

**FIRST PLACE:**

**Rubio, Jorge**

*19-0236 Confusion No More: Convention Has a Moral Utility in the Moral Normative Structure*

Faculty Sponsor: Ramsey, John

Discipline: Philosophy

**Finalists:**

**Esparza, Giovanni**

*19-0131 Ex GI Becomes Blonde Beauty: The Relationship Between Christine Jorgensen and the Press in the 1950s*

Faculty Sponsor: Clinefelter, Joan

Discipline: History

**Harbert, Mary**

*19-0278 Bound with Human Skin: The Sinister Side of Books*

Faculty Sponsor: Bovaird-Abbo, Kristin

Discipline: English

**Hunt, Holly**

*19-0324 Are Books Really Good For Us?*

Faculty Sponsor: Bovaird-Abbo, Kristin

Discipline: History

**Wiggins, Joshua**

*19-0327 To Be, or Not To Be: The Existentialism of Hamlet as a Literary Text*

Faculty Sponsor: Bovaird-Abbo, Kristin

Discipline: History

**Natural & Health Sciences – Oral Presentation**

**FIRST PLACE:**

**Agyemang, Dorothy**

*19-0079 Effect of Cannabidiol and delta-9-Tetrahydrocannabinol Concentration on Breast Cancer Cell Viability*

Faculty Sponsor: Pullen, Nicholas

Discipline: Biological Sciences

**Finalists:**

**Meline, Carissa; Burns, Madison;**

*19-0003 UNCO ROTC Nutrition Program: Nutrient Analysis and Potential Health Risks*

Faculty Sponsor: Kage, Katie

Discipline: Nutrition & Dietetics

**O'Brian, Jessica**

*19-0015 The Relationship Between Emoji Identification Accuracy and Self-Reported Emotional Intelligence in College Students*

Faculty Sponsor: Murza, Kimberly

Discipline: Audiology & Speech-Language

**Natural & Health Sciences – Poster Presentation**

**FIRST PLACE:**

**Shelrud, Anika; Clifford, Garrett;**

*19-0108 Effects of Fish Oil Supplementation on Corpus Luteum Function in the Bovine*

Faculty Sponsor: Burns, Patrick

Discipline: Biological Sciences

**Finalists:**

**Horgen, Cassandra**

*19-0258 Relative Activity of Bats Around Natural Gas Wells in Northern Colorado*

Faculty Sponsor: Adams, Rick

Discipline: Biological Sciences

**Hyland, Nicholas; McCarver, Zachary;**

*19-0247 Moral Motivation: Examining the relationship between self-determined and controlled regulation and good and poor sport behavior*

Faculty Sponsor: Stellino, Megan

Discipline: Sport & Exercise

**Kanpadee, Naphatsawan**

*19-0243 Phosphonium-Based Ionic Liquid as ‘Benign’ Solvent for Enzymatic Polymerization*

Faculty Sponsor: Zhao, Hua

Discipline: Chemistry

**Sirus, Joel; Cavuoti, Bridget;**

*19-0088 Actual vs. Perceived Body Composition and How It Impacts Body Image in NCAA Division I College Athletes*

Faculty Sponsor: Gilis, Jeffrey

Discipline: Nutrition & Dietetics

**Social Science, Education & Business – Oral Presentation**

**FIRST PLACE:**

**North, Maddison**

*19-0314 Student Motivation in Education: An Assessment and Intervention in Real-Time*

Faculty Sponsor: Phillips, Michael

Discipline: Psychology

**Finalists:**

**Derby, Kathryn**

*19-0222 The Interaction Of People With Mental Illnesses And Coercive Interrogation: The Capability Of Jurors To Consider The Totality Of The Circumstances*

Faculty Sponsor: Woody, William

Discipline: Psychology

**Monington, Jewel**

*19-0329 A Qualitative Analysis of Therapeutic Alliance from the Perspective of Adults with Autism Spectrum Disorder*

Faculty Sponsor: Murza, Kimberly

Discipline: Audiology & Speech-Language

**Social Science, Education & Business – Poster Presentation**

**FIRST PLACE:**

**Michel-Fuller, Malaika**

*19-0192 Disaster Management of the 2013 Floods: A Participatory Study of Colorado Community Organizations*

Faculty Sponsor: Gilbert, Elizabeth

Discipline: Social Science

**Finalists:**

**Brown-Smith, Torrence**

*19-0164 Campus Culture, Police Violence, and Racial Battle Fatigue: A Critical Race Examination of Black American College Students*

Faculty Sponsor: Nelson, Kyle

Discipline: Sociology

**Borroto, Ariana**

*19-0290 Professional-Professional or Sexy-Professional: How Gender Role Beliefs, Power, and Sex Differences Influence Students' Perceptions of Office Hours*

Faculty Sponsor: Kole, James

Discipline: Psychology

**Rascon, Nadia; Hernandez, Miriam; Tauvinkl, Olivia; Garcia, Shania; Wegen, Madison; Candelaria, Rachel;**

*19-0098 Exploring how parents maintain relationships with children from behind bars: An analysis of incarcerated parents in the “Reading for a Change” Program in Colorado*

Faculty Sponsor: Ward, Kyle

Discipline: Criminal Justice

**Salazar, Cody**

*19-0148 Influences That May Affect Flow Among Division I Collegiate Wrestlers*

Faculty Sponsor: Brustad, Robert

Discipline: Sport & Exercise

**DEVELOPING SCHOLARS (1st & 2nd Year Students) Poster Presentation**

**FIRST PLACE:**

**Baker, Amanda;**

*19-0021 Supporting First-Year Undeclared Student Success with UNIV-101*

Faculty Sponsor: Vaughan, Angela

**Finalist:**

**Fritzler, Shaelyn**

*19-0094 Gender Roles in the World of Game of Thrones*

Faculty Sponsor: Bovaird-Abbo, Kristin

**Haskins, Kathryn**

*19-0059 A Musical Comparison of Two Sisters*

Faculty Sponsor: Bovaird-Abbo, Kristin

**Hawson, Kieran; Marzulla, Morgan; Thomas, Ryan;**

*19-0263 Local Adaptation and Its Effect on Phenotypic Plasticity of Grindelia squarrosa*

Faculty Sponsor: Schneider, Gwen

**Paredez, Mia**

*19-0082 Benefits of Public School Lunch Policies that Promote Healthier Eating Habits for Students in the U.S.*

Faculty Sponsor: Mitchell, Cynthia