



UNIVERSITY OF
NORTHERN
COLORADO

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