2020 Research Day
Research Excellence Award Finalist Listing

GRADUATE
Graduate Oral Humanities & Arts

Analyce Gonzalez
_Gangsta Rap Lyrics in the United States Criminal Justice System: Lyrical Literalism V.S. Lyrical Artistry_
Faculty Sponsor: Jittapim Yamprai

Graduate Oral Natural & Health Sciences

Victoria Flores
_The Effect of Cancer-Related Treatment on Fitness, and Mental and Neural Health in Cancer Survivors Enrolled in an Exercise Program_
Faculty Sponsor: Laura Stewart

Karina Sanchez
_Measuring the effects of noise, light, and landscape composition on a common backyard bird; the American Robin (Turdus migratorius)._
Faculty Sponsor: Lauryn Benedict

Aspen King
_Examining the effects of aryl hydrocarbon receptor activation on gut immune responses_
Faculty Sponsor: Gregory DeKrey

Graduate Oral Social Sciences, Education, Business

Samantha Qualkenbush
_Adverse Childhood Experiences: The Influence of Poly-Victimization on Adolescent Delinquency and Adult Criminality_

Emily Royse
_Science identity, transformative experiences, and cell biology content intersections in undergraduate Anatomy and Physiology_
Faculty Sponsor: Emily Holt

Sofia Softas-Nall
_An Empirical Study on Chronic Illness: Implications for Counseling_
Graduate Poster Natural & Health Sciences

Bridget Doe
Evaluating changes in reactive oxygen species (ROS) as a plausible mechanism underlying the effect of noise on dopamine release
Faculty Sponsor: Aaron Apawu

Michael Franklin
Synthesis and Characterization of Hydrophilic Ionic Liquids: Dissolution and Modification of Brown Coal (Lignite)
Faculty Sponsor: Hua Zhao

Nicholas Harman; Nathaniel Croteau
Phase Angle Adaptation to Exercise Training in Cancer Patients Undergoing Treatment
Faculty Sponsor: Reid Hayward

Brandi Peroney
19-0308 The relationship of basic psychological need satisfaction and before school physical activity in a Children’s Mileage Club
Faculty Sponsor: Marcia Patterson

Patrick Wilson
Electroanalytical Tools and Biochemical Assays to Measure the Impact of Noise on Dopamine Neurotransmission in the Central Auditory Pathway
Faculty Sponsor: Aaron Apawu

Graduate Poster Social Sciences, Education, Business

Nathaniel Burrow
Safety Net: A Police-Mental Health Approach to Social Justice

Zachary McCarver; Kolton Vinzant
The Relationship between Motivation for and Engagement in Good and Poor Behavior in Youth Ice Hockey

Graduate Poster Humanities & Arts

Crystal Zhen
SMALL UNIVERSE: EXPLORING MICROORGANISMS IN WATER FROM AN ARTISTIC PERSPECTIVE
Faculty Sponsor: Anna Ursyn

Rachel Washam
Joint Endeavor
Kimberly Herrera  
*The importance of arts in the Civil Rights Movements*  
Faculty Sponsor: Enrique Bernales Albites

Kaylee Peterson  
*Ni Una Menos: a Latin American feminist movement*  
Faculty Sponsor: Enrique Bernales Albites

Benjamin Simon  
*Star Trek: Voyager & Distancia de Rescate: a mix of conventions and the fight against the unknown*  
Faculty Sponsor: Enrique Bernales Albites

Isabella Aspromonte  
*Activation of the Aryl Hydrocarbon Receptor: an Analysis of 2,3,7,8-Tetrachlorodibenzo p-dioxin Dose-Response on Antigen-Specific Antibody*  
Faculty Sponsor: Gregory DeKrey

Erin Munder  
*Transformation of Humulone by UV-Visible Spectroscopy with Introduction of Magnesium*  
Faculty Sponsor: Michael Mosher

Brittany Ross  
*The Drug and Alcohol Awareness Training: A Peer-led Harm Reduction Approach*  
Faculty Sponsor: Grace Turner

Kaitlin Erpenbeck  
*Yikes! „Äi Spider Targets Interfere with Task Completion*  
Faculty Sponsor: Joanna Lewis

Kerigan Flynn  
*CHILDHOOD EMOTIONAL ABUSE IN RELATION TO DSM DISORDERS*  
Faculty Sponsor: Rosann Ross

Nathan Olin  
*Perceptions of Police Self-Legitimacy in the Rocky Mountain Region of the United States*  
Faculty Sponsor: Kyle Ward
Undergraduate Poster Natural & Health Sciences

Shannon Baughman
*The effects of IL-22 on MDSC recruitment in mouse 4T1 mammary carcinoma model*
Faculty Sponsor: James Haughian

Branden Lawson
*The Birds and the Trees*
Faculty Sponsor: Lauryn Benedict

Theresa Schwartz
*Determining Dietary Niche in Primates Using Portable X-Ray Fluorescence*
Faculty Sponsor: Marian Hamilton

Brandon Selz
*Migration Pattern Dynamics during Choroid Fissure Closure in Zebrafish*
Faculty Sponsor: Andrea James

Michael Viereckl
*The Role of Creatine Supplementation in Alleviating Doxorubicin Induced Hepatotoxicity*
Faculty Sponsor: Yuyan Han

Bryce Ward
*Altitudinal Migration Patterns and Hibernation Activity in Colorado Bats*
Faculty Sponsor: Rick Adams

Undergraduate Poster Humanities & Arts

Shaelyn Fritzler
*The Hunger Games and the Gen Z Revolution*
Faculty Sponsor: Kristin Bovaird-Abbo

Dylann Leal
*Keen for the Dead: Women's Roles in Irish Funerals*
Faculty Sponsor: Jiacheng Liu

Cooper Newton
*Kingdom Hearts: An Unusual Crossover of American and Japanese Cultures*
Faculty Sponsor: Kristin Bovaird-Abbo

Lisa O'Connor
*The Intersections of Math, Art, and Identity*
Faculty Sponsor: Anna Ursyn
Jorge Rubio  
*Bonus: A journey to masculinity*
Faculty Sponsor: Kristin Bovaird-Abbo

**Undegraduate Poster Social Sciences, Education, Business**

Serena Bradford  
*Mobility and Loneliness in Active Duty Service Members*  
Faculty Sponsor: Katherine O'Hara

Jordan Fuselier  
*Initiating a New Perspective: The Prevalence, Perceptions, and Attitudes Towards Hazing Across Student Organizations on a College Campus*  
Faculty Sponsor: Mary Evans

Eduardo Maya  
*Measuring Iron Concentrations in Individuals with Cribra Orbitalia and Porotic Hyperostosis Using XRF*  
Faculty Sponsor: Marian Hamilton

Elsa Yehdego  
*The Manifestation of colonization across calendars in periphery countries*  
Faculty Sponsor: Talia Carroll

Mia Trojovsky  
*Psychopathy and Harm Avoidance as Mediators in the Pathway between Childhood Maltreatment and Adult Attachment Style*  
Faculty Sponsor: Marilyn Welsh

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

Jade Brolly  
*How social media propels social movements*  
Faculty Sponsor: Michael Graham

David Janson  
*Hairy Ainu and Lost Aryans: Differing Perceptions of the Ainu as shown by the Osaka and Louisiana Purchase Expositions*  
Faculty Sponsor: Jiacheng Liu

Angie Kaufmann  
*Long Forgotten or Still Among us: The Influence of Modern Alchemy in The Name of the Wind*  
Faculty Sponsor: Kristin Bovaird-Abbo
Dani Magasano
*Comprehensive Evaluation and Assessment of First-Year Experience Honors Courses to Promote Holistic Learning*
Faculty Sponsor: Angela Vaughan

Alexis Simpson
*‘Come On Eileen’ Behind The Scenes of Misheard Lyrics*
Faculty Sponsor: Kristin Bovaird-Abbo