



2023 Fall Undergraduate Symposium

Research Excellence Awards & Symposium Finalists/Semi-Finalists

Poster Research Presentation First Place

Alexandria Ashbaugh
Chemistry
Function of FceR-1 in a Mouse Breast Cancer Model
Faculty Mentor: Dr. Nicholas Pullen

Poster Research Presentation Honorable Mentions

Nat Holland
Psychology
Silent Killer: America's Epidemic of Loneliness and Social Isolation
Faculty Mentor: Diane Schott

Erica Chen
Criminal Justice/Criminology
Time to Shine a Light on Female Serial Killers
Faculty Mentor: Alexis Hauck

Poster Research Presentation Finalists

Isabela Hope Broyles
Chemistry
Atomic Absorption Spectrometric Analysis of Elemental Composition of Snake Venom
Faculty Mentor: Aaron Apawu

Casey Jeanes
Chemistry
Quantification of Lactic and Acetic Acid Concentrations in Silage
Faculty Mentor: Aaron Apawu

Gale Mikesh
Anthropology
Rituals Enhance Mindful Eating
Faculty Mentor: Marian Hamilton

Fred Williams
Chemistry with an Emphasis in Forensics
Developing Gas Chromatography-Mass Spectrometry (GC-MS) Method to Characterize Biogenic Amine Neurotransmitters
Faculty Mentor: Aaron Apawu

Oral Research Presentation First Place

Madeline Dannewitz
Communication Sciences and Disorders
The Deaf Experience in the National Parks with an Emphasis on Rocky Mountain National Park
Faculty Mentor: Dr. Barbara Garrett

Oral Research Presentation Honorable Mentions

Daniel Mangandi-Escobar
Philosophy
Determinism and Free Will: An Exploration on Gender Identity and Moral Responsibility
Faculty Mentor: Bailie Peterson

Yasmeen Mustafa
Nursing
Emergency Room Nurses' Perceptions of Medication Errors in the Emergency Department
Faculty Mentor: Deborah Rojas

Oral Research Presentation Finalists

Breanna Bailey
Political Science
Transporting Theatre: Can Transnational Theatre Foster Political Efficacy in Women of Color
Faculty Mentor: Chelsea Welker

Isaac Larson
Forensic Chemistry
Developing an HPLC Method to Evaluate the Impact of Deafening Noise on GABA and Glutamate in the Central Auditory System
Faculty Mentor: Aaron Apawu

Anita Patane
Anthropology
Australopithecus afarensis: We're weak in the talus for you
Faculty Mentor: Marian Hamilton

Cheyenne Smith
Cell and Molecular Biology

The effect of L(2)03659 on stem cell populations in the Drosophila stem cell testis niche
Faculty Mentor: Judy Leatherman

Semi-Finalists Poster Presentations

Alyssa Hill
Nursing
Menstruation, Products, and Education in Jails
Faculty Mentor: Victoria Terranova and Teresa Canfield

Rachel Kilby
Mathematics
Effects of Emotional Intelligence and Social Support on the Relationship Between Childhood Maltreatment and Disordered Eating
Faculty Mentor: Marilyn Welsh

Jessica Lucero
Communication Sciences and Disorders
Parent Perceived Self-Efficacy Following Communication Coaching Programs
Faculty Mentor: Kim Murza

Anna Payne
Psychology
Divine Retribution: Child Abuse by Weaponized Theology and Religious Authority
Faculty Mentor: Chelsea Miller

Kadienne Sizemore
History
Gendered Piety in Early American Baptist Publications
Faculty Mentor: TJ Tomlin