



2023 Fall Undergraduate Symposium

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

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

Alexandria Ashbaugh

Chemistry

Function of FceR-1 in a Mouse Breast Cancer Model

Faculty Mentor: Dr. Nicholas Pullen

Nat Holland

Psychology

Silent Killer: America's Epidemic of Loneliness and Social Isolation

Faculty Mentor: Diane Schott

Gale Mikesch

Anthropology

Rituals Enhance Mindful Eating

Faculty Mentor: Marian Hamilton

Erica Chen

Criminal Justice/Criminology

Time to Shine a Light on Female Serial Killers

Faculty Mentor: Alexis Hauck

Oral Research Presentation Finalists

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

Yasmeen Mustafa

Nursing

Emergency Room Nurses' Perceptions of Medication Errors in the Emergency Department

Faculty Mentor: Deborah Rojas

Anita Patane

Anthropology

Australopithecus afarensis: We're weak in the talus for you

Faculty Mentor: Marian Hamilton Oral Research presentation

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 Oral Research presentation

Daniel Mangandi-Escobar

Philosophy

Determinism and Free Will: An Exploration on Gender Identity and Moral Responsibility

Faculty Mentor: Bailie Peterson

Breanna Bailey

Political Science

Transporting Theatre: Can Transnational Theatre Foster Political Efficacy in Women of Color

Faculty Mentor: Chelsea Welker Oral Research presentation

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

Semi-Finalists Poster Presentations

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

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

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

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