



UNIVERSITY OF
NORTHERN
COLORADO

Fall Undergraduate Symposium
November 14, 2024
University Center Panorama Room

Fall Symposium Poster Session Presenters
1:00 PM – 2:30 PM

Poster Research Excellence Award Finalists

Daphne Alexander

Title: Developing a Nuclear Magnetic Resonance (NMR) Spectroscopy Protocol for Qualitative and Quantitative Analysis of Drugs

Major(s): Chemistry, Anthropology

Faculty: Aaron Apawu

Jillian Bauer

Title: Self-Perceived Barriers to Hearing Healthcare Access and Treatment Among Adults in Colorado: A Pilot Study

Major(s): Communication Sciences and Disorders

Faculty: Hannah Glick

Danielle Giard

Title: Effects of Multigenerational Living on Loneliness and Depression in Adults with Hearing Loss: A Pilot Study

Major(s): Communication Sciences and Disorders, Psychology

Faculty: Hannah Glick

Emma Melendez

Title: Metabolic Disease and Bones: Trace Element Abundance in skeletons with Evidence of Metabolic Disease.

Major(s): Biology, Chemistry and Psychology

Faculty: Marian Hamilton, Britney Kyle

Kira Ott

Title: Literature as a Tool for the Introduction of Mental Health to Children

Major(s): Human Services

Faculty: David Greene

Kira Villarreal

Title: Exploring Cannabigerol as an Agonist for PPAR γ in Metabolic Dysfunction-Associated Steatotic Liver Disease in Mice

Major(s): Biology, Chemistry

Faculty: Yuyan Han

General Poster Session Presenters

Larissa Albiston

Title: Synthesis of thioether-functionalized gold metal nanoparticles

Major(s): Chemistry, Biology

Faculty: Murielle Watzky

Additional Speaker: Sarah Vitt

Marjorie Burnes

Title: Rehabilitation and Reintegration Programs that Felony Offenders Find to be Effective in Northern Colorado

Major(s): Criminology and Criminal Justice, Psychology and Leadership Studies

Faculty: Kyle Ward

Hadley Everdeen

Title: The Role of the Prefrontal Cortex in Risk-Taking Behavior

Major(s): Psychology, Criminal Justice, Ethics

Faculty: Stephanie Linley

Tonjala Galery

Title: Analyzing Readiness: Do current speech-language pathologist majors attending UNC feel equipped to work with people who use non mainstream English dialects post-graduation?

Major(s): Communication Sciences and Disorders

Faculty: Nicole Reisfeld

Cassandra Higgins

Title: Religious Affiliation and Alcohol Use Amongst the College Population at the University of Northern Colorado

Major(s): Anthropology, Sociology; Gender Studies

Faculty: Michael Kimball

Camden Lane and Chloe Robe

Title: Analysis of THC Derivatives using Duquenois Levine Indicator Reagent

Major(s): Biochemistry

Faculty: Aaron Apawu

Alison Larson

Title: The Traditional Performance Art of the Ewe People

Major(s): Anthropology, Music

Faculty: Ather Zia

Brecken Lusk

Title: Medical effects of chemicals used in United States executions

Major(s): Psychology, Chemistry

Faculty: William Woody

Diego Mazariegos Espinosa

Title: Interventions of Eating Habits and Healthy Behaviors

Major(s): Nursing, Psychology and Nutrition

Faculty: Lisa Caldwell

Saar Raviv

Title: Thermodynamic Properties of Organic Photoredox Catalysts and Polymer-Supported Photoredox Catalysts

Major(s): Chemistry, Biology

Faculty: Bonnie Buss

Jordan Robinette

Title: Pandemic Preschooling: Exploring the Link Between Supplemental Education During the Pandemic and Academic Performance in the 2023-2024 School Year

Major(s): Psychology, Human Services

Faculty: Nancy Karlin

Nicolas Zuniga

Title: Determining the causation of microphthalmia in CBD treated embryos

Major(s): Pre-health, Biomed; Chemistry

Faculty: Andrea James

Reception

2:30 p.m. – 2:50 p.m.

Keynote Speaker

2:50 p.m. – 3:00 p.m.

Yasmeen Mustafa

BS.N. Nursing Fall 2024, Summa Cum Laude

McNair Scholars Program

Upper Division Honors Program

Mortar Board

Oral Presentation Session

3:00 p.m. – 4:30 p.m.

Research Excellence Award Finalists**Aliyah Archer**

Title: Assessing Heavy Metals Contamination in Spices and Teas with X-Ray Florescence

Major(s): Anthropology, Spanish

Faculty: Marian Hamilton

Yasmin Berumen Martinez

Title: The role of the novel salvory effector Apolipophorin in plant interactions with Acyrthosiphon pisum

Major(s): Biomedical Sciences, Chemistry

Faculty: Karen Gomez

Clare Bolon

Title: The Missing Void: Womenswear Lack of Pockets and Effects on Daily Life

Major(s): Anthropology, Entrepreneurship Certificate

Faculty: Ather Zia; Anne Toewe

Elsa Gerster

Title: Sustainability Hub - A Community Data Hub for Sustainable Research and Education in Colorado

Major(s): Geography, Environmental Studies

Faculty: Jessica Salo

Additional Speaker: Ella Taylor

Tey Hairston-Chase

Title: I'm the "Alpha;" Negotiating Black Manhood Under the Aegis of Hosting Podcasts; A Systematic Media Analysis

Major(s): Sociology, ASL and Africana Studies

Faculty: Harmony Newman

Jo Weaver-Douglas

Title: Factors that contribute to Black Student Attrition at UNC

Major(s): Sociology, Anthropology and Africana Studies

Faculty: Hannah Conner