GRADUATE

Graduate Oral Natural & Health Sciences

Stephanie Halvorson, Danielle Ananea, Charlie Wright, Emily McDonald
Recommendations to improve UNC alcohol-use prevention and intervention programming using eCHECKUP TO GO and the Health Belief Model
Faculty Sponsor: Rose Grose

Brennen Karl
Tinnitus as an early warning sign of noise-induced hearing loss in industrial workers
Faculty Sponsor: Deanna Meinke

Lea Haverbeck
Exercise Preconditioning Preserves Cardiac Function and Recovery Following Dobutamine Stimulation in Doxorubicin-Treated Rat Hearts
Faculty Sponsor: Reid Hayward

Graduate Oral Social Sciences, Education, Business

Victoria Duncan
Reflections of self and curriculum: How we become inclusive STEM instructors
Faculty Sponsor: Emily Holt

Danielle Ananea
Using the Opioid Overdose Knowledge Scale and Opioid Overdose Attitudes Scale to Understand Student Opioid Response Knowledge Gaps at the University of Northern Colorado
Faculty Sponsor: Elizabeth Gilbert

Hoyoon Jung, Bomin Paek
Do Fans Care about Playoff Structure? The Impact of Playoff Format on Fan Demand in Major League Soccer
Faculty Sponsor: Yoon Tae Sun
**Graduate Poster Natural & Health Sciences**

**Brandon Jones**  
*Creatine supplementation does not alter proliferation or Doxorubicin sensitivity of mammary carcinoma cells*  
Faculty Sponsor: David Hydock

**Jacob Kisiolek**  
*Cannabidiol Alters Chemotherapy Drug Effectiveness in A Cell Culture Model*  
Faculty Sponsor: Laura Stewart

**Tyler Bennett**  
*Systemic Mycorrhiza-Induced Resistance in Blackeyed Pea*  
Faculty Sponsor: Susana Gomez

**Graduate Poster Social Sciences, Education, Business**

**Michelle Gee**  
*Influencers on the Choice of Nursing as a Career in Underrepresented Populations: An Integrative Review*  
Faculty Sponsor: Kathleen Dunemn

**Jade Anderson, Sarah Karr, Julia Ybarra**  
*The mediating effects of emotional self-efficacy on math anxiety and performance*  
Faculty Sponsor: Molly Jameson

**Graduate Poster Humanities & Arts**

**Brenna Timm**  
*Don't Judge a Book by the Cover: The Evolution and Development of Book Cover Design in Children's Literature*  
Faculty Sponsor: Kristin Bovaird-Abbo
Jasmine Poblano  
*Disrupting the Narrative: Chicana voices in MEChA on the University of Northern Colorado's Campus 1993-2000*  
Faculty Sponsor: Dennis Aguirre

Samuel Sherman  
*The Voice of Androgyny: A Gender Analysis of the Countertenor Within Opera*  
Faculty Sponsor: Brian Luedloff

Nathan Reich  
*Bilingual Education in Paraguay: An Oral Language in the Written Classroom*  
Faculty Sponsor: Enrique Bernales Albites

Shelby Brown  
*Understanding How High Levels of Noise Affect the Equine Auditory System*  
Faculty Sponsor: Katie Bright

Natalie Crouch  
*Western Rattlesnake Venom Components*  
Faculty Sponsor: Stephen Mackessy

Hunter Noel  
*HPLC Analysis of Illicit Drugs - Azithromycin and Amoxicillin*  
Faculty Sponsor: Corina Brown

Gabriela Masztalerz  
*Accent Modification and Identity: A Phenomenological Study Exploring the Experiences of International Students and Immigrants/Refugees*  
Faculty Sponsor: Christina Farrell

Andrea White  
*How the Chameleon Effect Impacts Introverts and Extroverts in Social and Academic Settings*  
Faculty Sponsor: Cassandra Bergstrom

Jakob Coykendall  
*Exploring the Impacts of COVID-19 on LGBTQ+ Intimate Communication*  
Faculty Sponsor: Darren Ilett
Undegraduate Poster Humanities & Arts

Jasmine Poblano
Disrupting the Narrative: Chicana voices in MEChA on the University of Northern Colorado's Campus 1993-2000
Faculty Sponsor: Dennis Aguirre

Giovanni Esparza
"Jorgensen Enjoys Being Christine": Christine Jorgensen's Public Image and How It Shaped a Movement
Faculty Sponsor: Joan Clinefelter

Ryan McDaniel
The Sociology of Rivalry: Richard the Lionheart and Sultan Saladin
Faculty Sponsor: Kristin Bovaird-Abbo

Undegraduate Poster Natural & Health Sciences

Brexton Cone
Cannabigerol Inhibits Cellular Senescence in Methionine-Choline Deficient Diet Induced Non-Alcoholic Steatohepatitis Mice Model
Faculty Sponsor: Yuyan Han

Amber Heidbrink, Quinn Cochran
Metacognitive prompting to foster evaluating skills for biochemistry students
Faculty Sponsor: Melissa Weinrich

Nicholas Harman, Arjun Ramani, Katie Kurz
Correlation between Lactate Accumulation and Subjective Measures of Fatigue in Active Cancer Patients
Faculty Sponsor: Reid Hayward

Undegraduate Poster Social Sciences, Education, Business

Bianca Ramos
Tu Lucha Es Mi Lucha: BIPOC Students,Â’s Sense of Belonging in Higher Education
Faculty Sponsor: Rebecca Beals

Olivia Sponsler-Sanchez
Child Maltreatment, Depression, and Chronic Pain among College Students: An Exploratory Study
Faculty Sponsor: Eric Peterson
Danielle Belcher
*The Effects of Uniforms on Youths' body Image in the Junior Lifeguard Program*
Faculty Sponsor: Megan Stellino; Graduate Assistant. Co-researcher: Danielle Wong

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

**Finalist - Poster**

Angie Kaufmann
*What's in a Font: the Hidden Secrets of Society in Fonts*
Faculty Sponsor: Kristin Bovaird-Abbo

Hannah Leloup, Elisabeth Kulesus
*Preparation of Gold Nanoparticles in Novel Thioether-Functionalized Ionic Liquids*
Faculty Sponsor: Murielle Watzky-Brewer

Amy Chitkoksoong
*Ocasio-Cortez: An American Feminist*
Faculty Sponsor: Enrique Bernales-Albites