2021 Research Day
Research Excellence Award Finalist Listing

GRADUATE
Graduate Oral Natural & Health Sciences

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

FINALISTS:
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

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

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

FINALISTS:
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**

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

**FINALISTS:**
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**

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

**FINALISTS:**
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**

**WINNER:**
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
UNDERGRADUATE
Undergraduate Oral Humanities & Arts

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

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

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

Undergraduate Oral Natural & Health Sciences

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

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

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

Undergraduate Oral Social Sciences, Education, Business

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

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

Jakob Coykendall  
Exploring the Impacts of COVID-19 on LGBTQ+ Intimate Communication  
Faculty Sponsor: Darren Ilett

Undegraduate Poster Humanities & Arts

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

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

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

Undergraduate Poster Natural & Health Sciences

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

FINALISTS:  
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
WINNER:
Danielle Belcher
*The Effects of Uniforms on Youths' body Image in the Junior Lifeguard Program*
Faculty Sponsor: Megan Stellino; Graduate Mentor: Danielle Wong

FINALISTS:
Bianca Ramos
*Tu Lucha Es Mi Lucha: BIPOC Students’ 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

DEVELOPING SCHOLARS (1st & 2nd Year Students)

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

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

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