

CELEBRATING RESEARCH
AND CREATIVITY

GRADUATE STUDENT SHOWCASE

NOVEMBER 15, 2023



COLORADO STATE UNIVERSITY



ACKNOWLEDGMENTS

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Thank you for joining us at the Graduate Student Showcase. Special appreciation goes to all of the graduate students who presented their work. The Graduate Student Showcase would not have been possible without your willingness to share your creative works and scholarship. An additional thank you to the judges who volunteered for the Graduate Student Showcase. Your time and efforts truly made all the difference in allowing us to recognize and celebrate graduate student excellence here on campus.

KEYNOTE SPEAKER

Keynote speaker: Kasha Patel

Science communicator and comedian Kasha Patel specializes in science-themed comedy, turning studies into punchlines and scientific misconceptions into gags. She draws from her decade-long comedy and journalism career to demonstrate how to make serious subjects more accessible and fun, from climate change to pandemics. She shares the basic tenets of relatable science communication and shares unorthodox ways people share scientific findings to reach audiences.



Poster and Visual Art Presentations by Group

9:30 a.m.-11:30 a.m. **GREEN**
Poster and Visual Art Presentations

10:30 a.m.-12:30 p.m. **GOLD**
Poster and Visual Art Presentations

Please Note:
Odd-numbered abstracts are in the **GREEN** presenting group.

Even-numbered abstracts are in the **GOLD** presenting group.

Performing Arts Performance Times

Time	Performer
9:40 a.m.	Lauren Furman
9:55 a.m.	Alfredo Ramirez
10:10 a.m.	Liz Ramirez
10:25 a.m.	Caitlin Kahihikolo
10:40 a.m.	Josephine Gawtry
10:55 a.m.	Erin Peters

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ABSTRACTS BY NUMBER

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PERFORMING ARTS

- 9:40** Lauren Furman
Island Time and Other Stories
College of Liberal Arts
- 9:55** Alfredo Ramirez
Sharing Mexican Culture Through Banda
Music
College of Liberal Arts
- 10:10** Liz Ramirez
Rectifying Archival Silence
in "The Wilsons"
College of Liberal Arts
- 10:25** Caitlin Kahihikolo
College Collage
College of Liberal Arts
- 10:40** Josephine Gawtry
Formally Restrictive Poetry & The Owl
Canyon Pinyon Pines
College of Liberal Arts
- 10:55** Erin Peters
Restoring People and Place: the
Mysterious Owl Canyon Pinyon Pines
College of Liberal Arts

VISUAL ARTS

- 6** Miles Buchan
Finding Sense
College of Liberal Arts
- 7** Adam Hinkelman
Veil of Progress: A Decolonial Perspective
on Western Landscape Painting
College of Liberal Arts
- 9** Nikoo Monem
Hold Your Home in Your Hands
College of Liberal Arts
- 11** Sumanma Wadhwa
Design: Voice for Some, Language of All
College of Liberal Arts
- 12** Seojung Lee
Validating In-Between Status with an Artist
Book and Autobiography
College of Liberal Arts

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RESEARCH, SCHOLARSHIP, AND ENTREPRENEURSHIP

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Mysterious Owl Canyon Pinyon Pines
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- 13** Charlotte Addison
Examining the Attitudes of CSU Students
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- 14** Sarai Benitez
Sustainable Shift: The U.S. Plastic Bag Ban
Policy (Analysis 2008-2022)
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- 15** Rachel Jones
Arsenic Speciation to Explore
Phytomanagement Potential of Hemp
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Visualizing Cryoprotectant Permeation
in Shoot Tips Using Raman Microscopy
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- 17** Kimberly Kreitner
Characterization of Air Pollutants at
Thoroughbred Racetracks: United States
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- 18** Rachel McDowell
Genotype by Environment Interactions in
Biofortification of Sorghum Carotenoids
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- 19** Elisa McGhee
Swell-Associated Microseismicity Near the
Edge of the Ross Ice Shelf
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- 20** Minh Nguyen
Novel Techniques to Enhance Endangered
Species Conservation in Southeast Asia
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A Non-Destructive Method for Physical
Characterization of Steel Concrete
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- 22** Mahmoud Abdelgawad
Mission Resiliency for Mission-Critical
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- 23** Abisola Adedigba
Creating Value From Beef Offals
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Early-Career Engineers' Experience with
Equity and Ethics in Workplace
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- 25** Abdullah Al Fattar
Quantifying Groundwater Storage
Change Using In-Situ and Satellite-Based
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- 26** Nada Alalyani
Methodology Evaluating Multimodal
Referring Expression Generation for
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- 27** Michelle Bigler
MCP and liv ABC Transporters Role in
Pectobacterium Virulence
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- 28** Dev Aldaz
Modeling of North American Scrapie
Isolates in PrPc Transgenic Mice
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- 29** Aunterria Bollinger-Deters
The Mechanism of Condensin-Mediated
Chromatin Compaction in Quiescent Cells
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Edible Marijuana and Cycle Ergometer
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- 32** Saja Alqurashi
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An Issue Overlooked: Eating Disorders in
the Male Athlete Population
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Machine Learning-Based Phishing
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Targeted Balloon Observations of Stratosphere-to-Troposphere Transport From an MCS
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Sustainable Bioproduction With Immobilized Cyanobacteria
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Streamlining Blockchain: Enhancing Historical Data Access in Hyperledger Fabric
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Electro-Enhanced Anaerobic Digestion for Valuable Reduced Product Generation
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Soil Organic Carbon Dynamics Respond to Rangeland Conservation Planting Practices
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Fetishization in the Composition Classroom: A Queer Pedagogical Approach
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Characterizing Ice Nucleating Particles from an Active Thermokarst Region
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Southern Ocean Ice Nucleating Particles: Understanding Antarctic Mixed Phase Clouds
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Enhancing Academic Integrity with AI Transparency
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Counter Conditioning Training for Voluntary Participation Blood Draws for Rabbits
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Predicting Soil Texture Using Hyperspectral Imagery and Neural Networks
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Neuromuscular Electrical Stimulation: Getting Amped Up to Prevent Exercise Resistance
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Comparing Semen Preparation Strategies for Bull, Bison, And Gaur Sperm
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Recruitment and Retention of American Indian Participants During COVID-19
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Work as Worship: Organizational Identification and Enmeshment in Church Work
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Algorithm Selection Facilitates Economic Costs in Spatial Conservation Prioritization Frameworks
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Cellulose-Based Bottlebrush Polymers for DNA Delivery Into Plant Cells
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Influence of Municipal Policies on Street Trees Along Bus Routes
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- 69 Hannah Cefalo**
Differences in Physical Activity Resource Quality Based on Neighborhood Income
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- 71** Rahul Chaudhari
Improving Construction Work Performance Through Human-Centered Augmented Reality
Walter Scott, Jr. College of Engineering
- 72** Amanda Cherwin
Microfluidic Organotypic Device to Model Intestinal Mucosal Barrier Ex Vivo
Walter Scott, Jr. College of Engineering
- 74** Chinecherem Chime
Improving the Back-Contact Performance of Cadmium Telluride Solar Cells
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- 75** Cibi Chinnasamy
Municipal Water Uses in the U.S. – Past, Present, Future
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- 76** Tom Chittenden
Livelihood Transformations and Land-Use Rights in Vietnam's Northern Mountain Region
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- 77** Nicholas Christensen
Natural Flood Attenuation in River Beads
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- 79** Kathy Condon
Effects of Multi-Year Growing Season Precipitation Extremes in Shortgrass Steppe
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- 80** Mary Crisafio
Scoping Review of Videoconference Online Exercise Programs for Cancer Survivors
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- 81** Karla Curenio
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- 82** Morgan Davis
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- 83** Shelby Davis
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- 85** Anna De Jong
The Impact of New Environmental Changes on Giraffe Welfare
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- 86** Cole Deal
Sex-Specific Transcriptomics of Seasonal Adiposity Gain and Loss
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- 87** Logan Dean
Immunophenotypic Characterization of the Lung Following Organic Dust Exposure
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Penalized Distributed Lag Interaction Model: Air Pollution and Birth Weight
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- 89** Andrew Dillon
Characterizing the Role of UCH37 in Chemically Induced Protein Degradation
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- 90** Leah Dixon
Structural and Functional Analysis of the Spn1-RNAPII Interface
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- 91** Carina Donne
Blue Grama Cultivars Affect Recovery From Extreme Drought
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Generation of Physiologically Relevant Extracellular Vesicles From Bovine Oviductal Organoids
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- 93** Darby Easterday
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- 94** Alexis Ehrlich
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- 96** Taylor Ewell Brown
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- 97** Emmanuel Ezika
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- 99** Mahbuba Fatema
Screening Potatoes for PMTV Resistance, Advancing Gene Mapping Research
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- 100** Elliot Ferrell-
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- 109** Jeremy Garrison
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Inclusive Science Communication Training Impacts Science Identity, Self-Efficacy, and Reflexivity
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Exploring Family Chaos, Stress Reactivity, and Emotion Regulation
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- 205 Jacob Ney**
Comparing Crown Fire Predictions Among Three Fire Behavior Models
Warner College of Natural Resources
- 206 Victoria Niececki**
Effects of Indoor Versus Outdoor Cadaver Decomposition on the Microbiome
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- 207 Albert Ochoa Castillo**
Sucrose Interactions With Rice Callus Cell: Insights Into Cryoprotective Mechanisms
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- 208 Sam Ogden**
Characterizing a Dual Receptor System for Plant Pathogen Recognition
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- 209 Nurudeen Oketade**
MR-1 Antigenicity is Dependent on Riboflavin Biosynthesis in Mycobacterium Tuberculosis
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- 210 Paige Olson**
Identifying Non-Crop Hosts of *Amauromyza karli* (Diptera: Agromyzidae)
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- 211 Kwabena Opoku**
Modeling On-Farm Desalination: Impact on Agriculture and Water Sustainability
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- 213 Josie Otto**
Preprint Peer Review Enhances Students' Literacy and Belonging in STEM
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- 214 Bridget Owusu**
Protein Structure and Function: Basic Principles to Higher Order Implications
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- 215 Dhatri Padakanti**
Learning Analytics Dashboard to Support Instructors: A Literature Review
College of Natural Sciences
- 216 Neha Panwar**
Abundance and Host Resistance to a New Pest of Quinoa
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- 217 Rose Parham**
Processes for Collaborative, Interdisciplinary, Action-Based Research in the Ecuadorian Highlands
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- 218 Chris Patrick**
Finding Balance: Exploring Neural Pathways Underlying Mobility in Multiple Sclerosis
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- 219 Ashley Patterson**
Stop for the Humor, Then Return for More
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- 220 Erica Patterson**
Coloring in the Blanks: Using FTIR to Scale Soil Analysis
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- 221 Camron Pearce**
Mycobacterium Abscessus Infection and Respiratory Function in Cystic Fibrosis
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- 222 Harsha Peddamaru**
Real-Time Resilient Sensor Data Operations on Heavy Vehicles
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- 224 Monika Perez**
Electrolyte Composition Effects on Electrochemical Performance of Sodium-Ion Batteries
College of Natural Sciences
- 225 Ashley Perrault**
Association of Home/Community Gardening With Youth Health Behaviors
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- 226 Autumn Peters**
Defect Chemistry in Hybrid Organic-Inorganic Perovskites (HOIPs)
College of Natural Sciences

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Empowering Local Restaurants Through Sports Fan Data
College of Business
- 228** Jessi Pettigrew
Family Perspectives on a Preventative Approach to Child Welfare
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- 229** Jafar Pikul
Spin Wave Dispersion Relation Calculations Using Micromagnetic Simulations
College of Natural Sciences
- 230** Aly Pillard
The Behavior and Play of Zoo-Housed African Elephant Calves
College of Natural Sciences
- 231** S A K V Miyurudarshi Piyathilake
Characterization of Geocomposite Materials Under Extreme Environmental Conditions
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- 232** Lucas Plabst
Exploring Notification Interaction and Display Methods in Augmented Reality
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- 233** Alex Platt
Computer-Aided Design of Biomimetic Cofactors for Cell-Free Biosynthesis
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- 234** Rakesh Podder
The PIT-Cerberus Framework: Preventing Device Tampering During Transit
College of Natural Sciences
- 235** Rahel Pommerenke
Exploring Soil Moisture Trends in Irrigated Fields of Colorado
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- 236** Elisa Ponce Cortez
A Spanish Language Needs Analysis for the DUI Lawyer-Client Interaction
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- 237** Rae Pooley
Determination of HCl Solubility in Proxies for Wildfire Smoke Aerosol
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- 238** Lydia Prien
Clinically Relevant Improvements in Quality of Life Following Exercise Program
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- 239** Joe Pugh
Improved Water Measurement and Control Using a Simple Tilting Weir
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- 240** Leah Quiller
Musical Cueing in Parkinson's Disease Motor Rehabilitation: A Rapid Review
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- 241** Samuel Radosevich
Additive Manufacturing of Thermoset Composite Materials Using Inverted Infrared Heater
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- 242** Maddie Rainey
Semiparametric Approaches for Mitigating Spatial Confounding
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- 243** Gaby Ramirez
Anopheles Stephensi Mosquitoes: Interrogating Their Metabolic Profile and Cryopreservation Methods
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- 244** Ghyslaine Ramirez
Go Greens: Phytochemicals Against Heat Stress-Associated Infertility
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- 245** Ben Randall
Why is the Peanut Butter and Jelly America's Sandwich?
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- 246** Zarif Rasul
Drill Here, Sell There, Cough More?
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- 247** Oshani Ratnayake
Arboviral Infection Induces Metabolic Remodeling in the Mosquito Vector
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Authoritarian Environmentalism's Expansion: Analyzing BRI in Latin America and Africa
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- 249** Emma Rettner
Chemically Recyclable Polyolefin-Like Multiblock Polymers
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- 250** Mickey Rice
Mechanisms of Prospective Memory and Psychological Well-Being
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- 251** Bri Risk
Bacillus Subtilis 67989 Probiotic Maintains Intestinal Barrier Integrity
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- 252** Nicole Roberts
Navigating the Moral Frontiers of Conservation
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Reading Between the Lines: Geostatistical Modeling With tTEM and Lithology
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- 254** Kayla Rohde
Madame Marie LaFitte and the Disorderly Houses of Fort Collins
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Exploring Glucocorticoid Receptor Transport and DUSP1 mRNA With Stochastic Models
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- 256** Sam Rosado
Short-Term Carbon Dioxide Enrichment Leads to Acclimation of Strawberry
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- 257** Carson Ross
Students' and Directors' Perceptions of Non-Varsity Band
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Temperature Responses of Invasive Versus Native Urban Maple Trees
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- 259** Soumyadip Roy
Protein Quality Assessment With Loss Designed for High-Quality Decoys
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- 260** Sarah Rudder
Applying Model-Based Systems Engineering (MBSE) Principles to Innovate Value Engagements
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- 261** Mahmud Hasan Saikot
Tunable Passive Aerial Perching Mechanism With Twisted and Coiled Actuators
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- 262** Kaytlyn Salmons
Telomere Length and Household Air Pollution Associations in Adult Women
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- 263** Gaby Sanchez Ortiz
Using Stable-Isotopes in Carbonates to Estimate Past Topography of Mountains
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High Reynolds Number Crossflow on Rectangular Cylinder Near Plane Wall
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- 265** Aniruddha Savargaonkar
Anti-Bacterial Behavior of Micro-Porous, Nano-Structured Titanium Surfaces
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- 267** Sean Schult
Primate Conservation Awareness Through Zoo Guest-Animal Engagements
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- 268** Andrea Selkow
Bacteria-Activated, Color-Changing Prodrug for Targeted Antibiotic Release
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- 269** Christian Sewor
Household Air Pollution and Inflammation: The Role of Lifestyle Patterns
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- 270** Alisha Sharma
Tax Incentives for Conservation Easement Program in US: A Review
Warner College of Natural Resources
- 271** Daniel Shaw
Potential Role of Selenium Vacancies in CdSeTe-Based Solar Cells
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- 272** Kimberly Shelton
Improving Identification of Latent Tuberculosis and Prediction of Disease Outcome
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- 273** Xutong Shi Prion
Strain Causing Chronic Wasting Disease in Norwegian Red Deer
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- 274** Ethan Shields
Expanded Co-Crystals as Scaffolds for DNA-Binding Protein Guests
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Altered Abiotic Drivers Influence Belowground Processes in a Photovoltaic Array
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- 276** Sarah Silvas-Bernstein
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- 277** Nash Sisk
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- 279** Erin Snyder
Copper Selenophosphate: Developing New Nanoparticle Materials for Solar Cells
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- 282** Katherine Stevick
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- 283** Joseph Stewart
Rethinking Mutation Accumulation: Mutation Bursts in Yeast
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- 285** Rachael Stucke
Neonatal Lamb Growth and Thermoregulation After Nutrient Restriction in Gestation
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- 286** Grace Stuewe
Impact of Synchronous and Asynchronous Music on Visual Working Memory
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- 287** Yu Sun
Incorporation of Gentamicin-Encapsulated PLGA NPs Into PU/PEO Nanofiber Scaffolds
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- 288** Dmitri Svetlov
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- 289** Miranda Symcox
Bioavailability of Blueberry Polyphenols Upon Interaction With Plant-Based Proteins
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- 290** Victoria Talbott
How Husbandry Practices Affect Microbiome and Calf Health Outcomes
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- 291** Rakibul Talukder
CPS Security Testbed: Requirement Analysis, Prototype Design and Protection Framework
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- 292** Alex Taylor
Give It Time! Evolution, Development, and Stochastic Noise in Salamanders
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- 293** Lauren Teague
Tailoring the Coma Recovery Scale-Revised Recovery Ruler to Facilitate Adoption
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- 294** Spencer Teeter
Development of a Hypersonic Wind Tunnel for Scramjet Combustor Testing
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- 295** Mohammad TeymouriMoogooee
Durability Performance of Thermomechanically Beneficiated and Reclaimed Fly Ash
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- 296** Nic Theobald
Improvements to Transient Absorption Microscopy for Single Cell Mitochondria Characterization
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- 297** Alissa Threatt
Regulation of Agricultural Dust-Induced Inflammation by Resolvin D1
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- 298** Tyler Todd
HopBA1: Acting at the Intersection of Plant Defense and Development
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- 299** Naly Torres
C.elegans' erm-1 mRNA Localization to Cell Periphery Depends on Microtubules
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- 300** Thinh Tran
Selective Synthesis of Defect-Rich LaMnO₃ by Low-Temperature Anion Cometathesis
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- 301 Andrew Treglia**
Compass Exchange Interactions in the Quantum Honeycomb Magnet ErCl₃
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A New Player in DNA Replication Fork Dynamics
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- 304 Jacob VanderRoest**
Investigating Wildfire Impacts on Soil Chemistry: Implications for Forest Recovery
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- 305 Suchith Reddy Vemula**
Enhancement of Learning Analytics Dashboards - Empowering Academic Advisors' Informed Decision-Making
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- 306 Cassandre Venumiere-Lefebvre**
Bears, Watch Your Step: Fine-Scale Individual Bear Movements in Durango
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- 307 Henrique Vieira**
DegreeDay and Precipitation Provides Insights in Wheat Stem Sawfly Ecology
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Cell Membranes Undergo Peroxidation
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Urea at the Extremes: Exploring Urea Nanoconfinement with Reverse Micelles
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- 310 Charlotte Wachter**
Wildfire Exposure and Community Water Systems in the Western U.S.
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- 311 Maureen Walsh**
Hartley Guinea Pigs Exhibit Age-Related Decreases in Brain Mitochondrial Function
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Rice Bran in the Gut Microbiota-Targeted Treatment of Malnutrition
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Synthesis of a Dual-Action Drug to Treat Breast Carcinoma
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Gas Sparging Directly in Aquifers to Remove or Sequester PFAS
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Developmental Differences in Brain Processing During the First 150 Milliseconds
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Exosomes Derived from Mechanically Strained Myotubes Regulate Myoblast Gene Expression
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Efficacy of Membrane Treatment of Oil-Field Produced Water for Reuse
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Behavioral Syndromes in Chronic Wasting Disease Infected Deer
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Determining Scaffold Geometries for Rotator Cuff Repair: A Parametric Approach
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- 322 Whillamina Wise**
Intimate Partner Violence Against Undocumented Latina Women: Structural Violence Subverted
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Modulation of Embryonic Oxidative Stress Response During the Preimplantation Period
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- 324 Sam Wolyn**
Character Relationship Mapping in Fictional Works Using Text Analysis Methods
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- 325 Scott Wrigley**
Elucidating Gut Microbiota Drivers of Cardiovascular Disease Risk Factors
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- 326 Ziluo Xiong**
A Multi-Fidelity Approach for Reliability-Based Risk Assessment of Single-Vehicle Crashes
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- 327 Skylar Yu**
The Impact of Activity-Permissive Workstations on Physical and Psychological Well-Being
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The Development of the Human-Equine Attachment Questionnaire (HEAQ)
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- 329 David Zapata**
Carvajal High-Throughput Phenotyping Tool to Facilitate Provitamin A Biofortification in Sorghum
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- 330 Melody Zarria-Samanamud**
Analysis of Landscape Changes in the World's Protected Areas
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- 331 Tony Zbysinski**
Ionizing Radiation and Mortality: Neurocognitive Risks in a Worker Cohort
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- 1 Lauren Furman
- 2 Josephine Gawtry
- 3 Alfredo Ramirez
- 4 Liz Ramirez
- 8 Caitlin Kahihikolo
- 10 Erin Peters

Research, Scholarship, Entrepreneurship, and Visual Arts by College

COLLEGE OF AGRICULTURAL SCIENCES

- 15 Rachel Jones
- 18 Rachel McDowell
- 27 Maryam Alaryan
- 41 Taylor Bacon
- 44 Ashley Banuelos
- 68 Emma Castiblanco
- 99 Mahbuba Fatema
- 120 Eliza Gross
- 123 Srishti Gupta
- 125 Laine Hackenberg
- 130 Constanza Hernandez Gotelli
- 133 Oliver Hoffman
- 140 Afrin Jannat
- 153 Eva Keohane
- 167 Carolita Landers
- 210 Paige Olson
- 216 Neha Panwar
- 246 Zarif Rasul
- 256 Sam Rosado
- 285 Rachael Stucke
- 307 Henrique Vieira
- 310 Charlotte Wachter
- 329 David Zapata Carvajal

COLLEGE OF BUSINESS

- 23 Abisola Adedigba
- 54 Adwait Bhawe
- 227 McKenna Petri

COLLEGE OF HEALTH AND HUMAN SCIENCES

- 33 Lamy Alsubaie
- 34 Hadalyn Anderson
- 57 Matthew Bomar
- 80 Mary Crisafio
- 82 Morgan Davis
- 93 Darby Easterday
- 96 Taylor Ewell
- 112 Nancy Ghanem
- 115 Kristen Glennie
- 116 Emma Gomes
- 117 Payton Gonzales
- 118 Christina Grant
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- 145 Steffi Joslin
- 159 Zoe Kirksey
- 164 Jill Krause
- 172 Sylvia Lee
- 176 Suzie Linihan
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- 251 Bri Risk
- 276 Sarah Silvas-Bernstein
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- 293 Lauren Teague
- 311 Maureen Walsh
- 312 Annika Weber
- 315 Kyle Wilhelm
- 325 Scott Wrigley

COLLEGE OF LIBERAL ARTS

- 5 Jamie Suto
- 6 Miles Buchan
- 7 Adam Hinkelman
- 9 Nikoo Monem

- 11 Sumanma Wadhwa
- 12 Seojung Lee
- 13 Charlotte Addison
- 14 Sarai Benitez
- 45 Mia Banuelos
- 47 KM Barnhardt
- 62 Autumn Buzzetta
- 65 Coralie Carle Dorville
- 76 Tom Chittenden
- 107 Rajasvi Gandhi
- 108 Catalina Garcia Faundez
- 109 Jeremy Garrison
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- 193 Katie Mitchell
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- 277 Nash Sisk
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- 16 Heidi Kreckel
- 22 Mahmoud Abdelgawad
- 26 Nada Alalyani
- 32 Saja Alqurashi
- 35 Asif Uz Zaman Asif
- 39 Jackie Bach
- 40 Andrei Bachinin
- 49 Shadaab Kawnain Bashir
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- 61 Joseph Bunch
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- 74 Chinecherem Chime
- 83 Shelby Davis

- 84 Adam De Groot
- 85 Anna De Jong
- 86 Cole Deal
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- 90 Leah Dixon
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- 104 Maelle Gace
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- 156 Paahuni Khandelwal
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- 161 Austin Knight
- 163 Hannah Knox
- 170 Audrey Lawrence
- 179 Dakota Lorenz
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- 185 Eric Martin
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87 Logan Dean
91 Carina Donne
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129 Meg Hemmerlein
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142 Tanya Jolly
146 Carlos Juarez-Guzman
150 Lexi Keene
158 Connor King
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GRADUATE STUDENT SHOWCASE
NOVEMBER 15, 2023
LORY STUDENT CENTER, GRAND BALLROOM



9:30 a.m. to 12:30 p.m.

Poster Presentations, Visual Arts, and Performances - Grand Ballroom

9:30 a.m. to 11:30 a.m. **GREEN** Presenters

10:30 a.m. to 12:30 p.m. **GOLD** Presenters

Odd numbered abstracts are in the **GREEN** presenting group.

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9:40 a.m. to 11:05 a.m. - **Performing Arts**

12:30 p.m. to 1:30 p.m.

Lunch on Your Own

12:30 p.m. to 2:30 p.m.

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4:00 p.m. to 5:00 p.m.

Keynote Speaker: Kasha Patel - LSC Theatre

A Comedian's Guide to Science



5:00 p.m. to 6:30 p.m.

Awards Reception - Grand Ballroom

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