

Session	Name	Abstract Title	Registration Type
P2	Ackerman, Miles	The Life History of <i>Usnea hirta</i> and the Reproductive Plasticity Thereof	CC Student Presenter
P2	Ankney, Alexander GROUP	Using a Probabilistic Model of Infrastructure System Reliability as a Decision Support Tool	USAFA - Ankney, Alexander GROUP
P1	Beitle, Nicole	Isoxazole ring-opening by transfer hydrogenation	UCCS Student Presenter
P1	Benavidez, Marissa	Investigation of the role of ARI26162 in fertility and the formation and persistence of the insemination reaction in <i>Drosophila arizonae</i>	UCCS Student Presenter
P2	Benitez, Denise	BIPOC considerations in the development and implementation of psilocybin assisted therapy	CC Student Presenter
p2	Benware, Trinity GROUP	Improving Transparency in Qualitative Coding for Replication: The Importance of Inter-Rater Reliability Measures	USAFA - Benware, Trinity GROUP
P1	Bhatia, Advita	Amyloid Beta and Curcumin Interactions With an Anionic Lipid Membrane	UCCS Student Presenter
P2	Bisaccia, Charlotte	Disordered Eating and Body Image in Emergency Medical Services Staff	CC Student Presenter
P2	Bleckman, Luke	More and less structured toys: Can different toys change the prosocial behaviors of children?	CC Student Presenter
P1	Bondarchuk, Natalie	Apple CRISPR-Cas9: A Recipe for Successful Targeting of AGAMOUS-like Genes in Domestic Apple	UCCS Student Presenter
P2	Botes, Billie	The Index of Qualitative Variation and Replication: Assessing Flexibility of Constructs in Social Disorganization Theory	USAFA Student Presenter
P2	Boyle, Eric	Beyond the Mississippi: The Francophone World and French Colonial Legacy in the American West	UCCS Student Presenter
P1	Clark, Emma	Growth and Detection of Beneficial Oral Microbes as an Indicator for Mental Health	USAFA Student Presenter

P2	Clark, Kinsey	Progress Toward the Synthesis of Fluorinated Antimalarial Analogs of Amodiaquine	CC Student Presenter
p2	Coon, Hazel GROUP	CRISPR-induced floral gene mutation as a means for genetic containment in poplar	UCCS - Coon, Hazel GROUP
P2	Cooper, Sarah	Balancing Act: A scoping review of Mental Wellness Interventions for College Student-Athletes Balancing the Challenges of Sport and Academia	UCCS Student Presenter
P1	Cosgrove, Jordan	Surface Microhydrology Drives Self-Organized Vegetation Patterning in Semiarid Grasslands	CC Student Presenter
P1	Courtney, Margaret	Economic Implications of Abortion Access	USAFA Student Presenter
P1	Croghan, Moira	The Backyard Threat: Drugs, Money, and International Cooperation in the Future of American Relations	USAFA Student Presenter
P1	Cruz, Brenda	Physiological Regulation in Toddlers: Adverse Events and Autonomic Activation	UCCS Student Presenter
P2	Curry, Basimah	Exploring Decision Reversibility Through College Grade Track Changes	CC Student Presenter
P2	Dahl, Emma	Impacts of Alaskan Commercial Fishing on Natives	UCCS Student Presenter
P2	Dallas, Finn GROUP	Measurement of Isotope/Isomer Shifts of Radioactive Xenon	USAFA - Dallas, Finn GROUP
P1	Datcu, Violet	Well-being of Undergraduates Based on Financial Aid Status	CC Student Presenter
P1	DeLeonardis, Lauren	Coastal Erosion in the Florida Keys	UCCS Student Presenter
P1	Eastman, Blake	Measurement of the Stark Effect in the $3s23p^2\ 3P_1 \rightarrow 3s23p14s1\ 3P_0$ Transition of Silicon	USAFA Student Presenter
P2	Fahland, Audrey Chun	Changing Lipid Accumulation of Euxoa Moths at High Elevation	UCCS Student Presenter
P1	Forst, Azahra	Investigation of the functional significance of ARI00758 on reproductive outcomes in <i>Drosophila arizonae</i>	UCCS Student Presenter

P1	Garcia, Brisa	Comparative Analysis of Silphium integrifolium Extraction Techniques for the Isolation of Oil for the Formulation of Skin Cream and Soap	CC Student Presenter
P1	Gatchall, Allyson	An analysis of criminal networks in the Brazilian Amazon and how they're aiding in the acceleration of climate change	USAFA Student Presenter
P1	Gerash, William	Use of Flow Microscopy as a Screen for Liquid-Liquid Phase Separation in Steroid Receptors	CC Student Presenter
P1	Gordon, Emily	Quantifying the Amplification Factor of Silver Nanoparticles for Surface-Enhanced Raman Scattering (SERS) of DNA	CC Student Presenter
P1	Grover, Hannah	The Effect of Substrate Particle Size on Compressive Strength of Biocement Bricks	USAFA Student Presenter
P1	Guiler, Caroline	Investigation of HVAC Component Degradation	USAFA Student Presenter
P1	Haas, Max	Bridging the Americas: A Comprehensive Analysis of Brazil-US Relations	USAFA Student Presenter
P2	Hageman, Isabella	Impact of Coming Out Experiences on Attachment, Moderated by Perceived Peer Support	CC Student Presenter
P1	Halasi-Kun, Abby	Whoppshe! Spectroscopy Integration into the USAFA 1-m Telescope System	USAFA Student Presenter
P1	Harrison, Peter GROUP	Gambling and its Effectiveness on Historical Preservation in Cripple Creek, Colorado	UCCS - Harrison, Peter GROUP
p2	Hassan, Aya GROUP	The Role of ebsA in Nostoc punctiforme Hormogonia and Motility	UCCS - Hassan, Aya GROUP
P1	Hecht, Patrick	Coevolution of kinetochore protein Cbf2 and budding yeast centromeres	CC Student Presenter
P2	Hester, Riley	Maybe We Can Laugh It Out: Investigating the Impact of Laughter Through Memory on Constructive Conflict Resolution in Romantic Relationships	CC Student Presenter
P2	Higgins, Jack	Mitigating Sevoflurane-Induced Postoperative Cognitive Dysfunction (POCD): Pharmacological and Clinical Interventions	CC Student Presenter

P1	Huete, Giovanni	The Desire for Immortality in the Prosthetics of Media Technology	USAFA Student Presenter
P1	Hughes, Nikodemus	Predicting Effects of External Electric Fields using Gradient Path Curvatures	UCCS Student Presenter
P1	Kaddar, Farh	Heterochromatic histone deacetylase loss alters genome organization, histone acetylation, and facultative heterochromatin in <i>Neurospora</i>	UCCS Student Presenter
P2	Khan, Rafiul Alam GROUP	Journey to Belong: Exploring Bangladeshi Immigrant Experiences in New York City for Socioeconomic and Cultural Integration	CC - Khan, RAFIUL, group
P2	Lande, Nickolas	Characterizing the histone post-translational modification enrichment and genome organization in species of the Ogataea clade	UCCS Student Presenter
p2	Landes, Cole GROUP	Investigation of Efficient Shear Support in Short-Span R/UHPC Beams	USAFA - Landes, Cole GROUP
P2	Lomeli Ortiz, Melony	Non-thermal plasma jet treatment induces and decreases <i>Escherichia coli</i> cell growth	CC Student Presenter
P2	Lynch, Gina	Universality of the Need for Novelty Across Age Groups: Potential for Inclusion in Basic Psychological Needs Theory	CC Student Presenter
P2	Maahs, Natalia	Stable and efficient air processed OPV modules	CC Student Presenter
P1	Mandyam, Maya	Deep Turbulence Sensing and Correction Using Digital Holography	USAFA Student Presenter
P2	Marcotte, Jake GROUP	Are learning assistants the hidden x factor in teaching General Chemistry?	UCCS - Marcotte, Jake GROUP
P2	Marsh, Nick GROUP	Thomas Moran: America's First National Park Influencer	UCCS - Marsh, Nick GROUP
P1	Matlock, Luke	Addressing spatial autocorrelation in analyses relating environmental variables to undocumented immigrant mortality sites on	USAFA Student Presenter
P1	Maurer, John	The Impact of Construction Material on Levee Durability: A Centrifuge Model Study	USAFA Student Presenter

P2	McBride, Evelyn	Mass spectrometric analysis of amyloid beta fragmentation after induced oxidative stress	USAFA Student Presenter
p2	McCarthy, Kyle GROUP	Sleep's Impact on Marksmanship: A Study of USAFA Rifle Team Performance Across Seasons	USAFA - McCarthy, Kyle GROUP
P1	McLane, Elisabeth	Choosing Help Leads to Better Help: The role of active learning in help-seeking during a memory integration task	UCCS Student Presenter
p2	Messer, Ryan GROUP	Efficient Airspace Scheduling for Military Exercises: A 3D Bin Packing Approach	USAFA - Messer, Ryan GROUP
p2	Miller, Jacob GROUP	Identifying Trends and Sentiments in Rated Airmen Retention Survey Data	USAFA - Miller, Jacob GROUP
P1	Moyer, Caleb	Informant Reports and Executive Function: Diagnosis of Neurocognitive Disorders	UCCS Student Presenter
P1	Murray, Hannah	Massasoit and Metacom: Different Approaches to the Puritan Problem	UCCS Student Presenter
P2	Nemri, Jamil	Structure of membrane-bound human 15-lipoxygenase-2	UCCS Student Presenter
P2	Nguyen, Alicia GROUP	A Second Bacterial Actin System Regulates Cell Morphology in Nostoc punctiforme	UCCS - Nguyen, Alicia GROUP
P2	Osborne, Ryan GROUP	Examination of Potential Bias in National Park Designation	UCCS - Osborne, Ryan GROUP
P1	Pieretti, Luca	Assessing the Equine Guided Learning and Healing Experience: A Self-Determination Theory Perspective	CC Student Presenter
P1	Potts, Carter	Advancements in Photoacoustic Communication	USAFA Student Presenter
P1	Poveda Morales, Hadit	San Basilio de Palenque: The Fluidity of Marronage	CC Student Presenter
P1	Ratzlaff, Isabella	Gold-Catalyzed Three-Component Reaction Cascade for the Synthesis of Imidazoles	USAFA Student Presenter
P1	Redmon, Hunter	Zip it!: What Aspects Affect DNA Base Pair Binding	UCCS Student Presenter

P2	Reed-Starr, Joyclyn	Temperature Effects on Vanessa cardui Butterfly Development	UCCS Student Presenter
P2	Richards, Kristen	Poetry in the Desert Southwest: Explorations of Creativity, Discomfort, and Heat	CC Student Presenter
P2	Rothschild, Ethan GROUP	Analyzing Heavy Metal Contaminants in Monument Creek	CC - Rothschild, Ethan GROUP
P1	Rouse, Adam	Arctic Oscillation Index and Volcanic Plume Dispersion	USAFA Student Presenter
P1	Ruiz, Alexander	Sonication for Rate Enhancement of a Cycloaddition Reaction	UCCS Student Presenter
P2	Ruszkiewicz, Maddie GROUP	Commercial Fishing Effects on Local Alaskan Communities	UCCS - Ruszkiewicz, Maddie Group
P1	Sanchez, Sandra	Optimal Growth Conditions and Stability of Lactobacillus crispatus on Medical Gauze for Potential Applications of Vaginal Seeding Following C-Section	USAFA Student Presenter
P1	Seymour, Annie	The Experiences of Substance Free Students in College and Suggestions for Future Resources	CC Student Presenter
P1	Shames, Miriam	Preschoolers' Early Utilization of Value-Based Selectivity: Considering Factors of Feedback and Age	UCCS Student Presenter
P2	Shea, Tiia	Integrating more real data into Calculus I courses	CC Student Presenter
p1	Shinneman, Jonathan	Evaluating Sustainable Aviation Fuels: A Decision Support Dashboard for Comparing Ammonia and Fischer-Tropsch Fuel Blends to JP-8	USAFA Student Presenter
P1	Smith, Daniel	Precision Measurement of the DC Stark Shift of the 5S_(1/2) to 6S_(1/2) Transition of Rb	USAFA Student Presenter
p2	Srode, Nathaniel GROUP	Excited State Dynamics in Gold(I) N-Heterocyclic Carbene Complexes	USAFA - Srode, Nathaniel Group
p1	Stiffler, Mikhail GROUP	Triplet-Triplet Annihilation in Gold(I) Conjugated Molecules	USAFA - Stiffler, Mikhail group

p2	Sublette, Grace GROUP	Streamlined Air Force Flight Scheduling: Implementing an Automated Method for an Instructor Pilot Assignment Problem	USAFA - Sublette, Grace GROUP
p2	Tran, Thai	Identifying Parts Commonalities Across The F-35 Fleet to Improve Sustainability with Jenkins Optimization	USAFA Student Presenter
P1	Trent, Camden	Understanding Molecular Interactions of a Novel Lupus Therapeutic Treatment	UCCS Student Presenter
P2	Trujillo, Alyssa	The Potential Moderating Role of Sleep Disturbances on the Association between Childhood Trauma and Substance Use	UCCS Student Presenter
P2	Vanga, Varun	Nanomagnet shape dependence on the ferromagnetic resonance of artificial spin ices	UCCS Student Presenter
P1	Weir, Lyndsay GROUP	The Impact os Microplastic Pollution on Oceans by the Cruise Industry	UCCS - Weir, Lyndsay GROUP
P1	Wilke, Michelle	A Principal Components Analysis of the Neurocognitive Scale of the Coolidge Axis II Inventory	UCCS Student Presenter
P1	Winograd, Lindsey	Screening Novel Polyfluorinated Compounds for Cytotoxicity on Cultured Cells	USAFA Student Presenter
p1	Won, David	Predicting Military Accessions Based On Recruiter Zip Code Assignments	USAFA Student Presenter
p2	Wood, Shelby GROUP	Investigating Supersonic Flow Using Linear Array Focused Laser Differential Interferometry and Computational Fluid Dynamics	USAFA - Wood, Shelby GROUP
P1	Yeganeh Fathi, Fargol	Digital Media Consumption Relationship with Qeirat in Iran	CC Student Presenter
P2	Zhao, Cerella	A Feminist Perspective on Parasocial Romance Relationships in Gaming	CC Student Presenter