

## Poster Session 2

Session	Name	Abstract Title	Faculty Mentor(s)
P2	Ackerman, Miles	The Life History of <i>Usnea hirta</i> and the Reproductive Plasticity Thereof	Shane Heschel
P2	Ankney, Alexander GROUP	Using a Probabilistic Model of Infrastructure System Reliability as a Decision Support Tool	Timothy Frank
P2	Benitez, Denise	BIPOC considerations in the development and implementation of psilocybin assisted therapy	John Horner
p2	Benware, Trinity GROUP	Improving Transparency in Qualitative Coding for Replication: The Importance of Inter-Rater Reliability Measures	Richard E. Niemeyer, PhD
P2	Bisaccia, Charlotte	Disordered Eating and Body Image in Emergency Medical Services Staff	Dr. Tricia Waters
P2	Bleckman, Luke	More and less structured toys: Can different toys change the prosocial behaviors of children?	John Horner
P2	Botes, Billie	The Index of Qualitative Variation and Replication: Assessing Flexibility of Constructs in Social Disorganization Theory	Richard E. Niemeyer, PhD
P2	Boyle, Eric	Beyond the Mississippi: The Francophone World and French Colonial Legacy in the American West	Roy Jo Sartin, Faculty Mentor
P2	Clark, Kinsey	Progress Toward the Synthesis of Fluorinated Antimalarial Analogs of Amodiaquine	Dr. Habiba Vaghoo
p2	Coon, Hazel GROUP	CRISPR-induced floral gene mutation as a means for genetic containment in poplar	Steven H. Strauss, Amy L. Klocko, Cathleen Ma, Lisa Hargest, Amanda Goddard, Estafania Elorriaga
P2	Cooper, Sarah	Balancing Act: A scoping review of Mental Wellness Interventions for College Student-Athletes Balancing the Challenges of Sport and Academia	Dr. Jess Kirby
P2	Curry, Basimah	Exploring Decision Reversibility Through College Grade Track Changes	Tomi-Ann Roberts
P2	Dahl, Emma	Impacts of Alaskan Commercial Fishing on Natives	James Baginski
P2	Dallas, Finn GROUP	Measurement of Isotope/Isomer Shifts of Radioactive Xenon	Monte Anderson, James Scoville, Jerry Sell, Michael Shaffer, Randy Knize
P2	Fahland, Audrey Chun	Changing Lipid Accumulation of Euxoa Moths at High Elevation	Emily Mooney

P2	Hageman, Isabella	Impact of Coming Out Experiences on Attachment, Moderated by Perceived Peer Support	Dr. Margaret Kneuer
p2	Hassan, Aya GROUP	The Role of ebsA in <i>Nostoc punctiforme</i> Hormogonia and Motility	Douglas Risser
P2	Hester, Riley	Maybe We Can Laugh It Out: Investigating the Impact of Laughter Through Memory on Constructive Conflict Resolution in Romantic Relationships	Margaret Kneuer
P2	Higgins, Jack	Mitigating Sevoflurane-Induced Postoperative Cognitive Dysfunction (POCD): Pharmacological and Clinical Interventions	Dr. Lori Driscoll
P2	Khan, Rafiul Alam GROUP	Journey to Belong: Exploring Bangladeshi Immigrant Experiences in New York City for Socioeconomic and Cultural Integration	Dr. Guanyi Yang
P2	Lande, Nickolas	Characterizing the histone post-translational modification enrichment and genome organization in species of the <i>Ogataea</i> clade	Andrew D. Klocko
p2	Landes, Cole GROUP	Investigation of Efficient Shear Support in Short-Span R/UHPC Beams	Lt Col Timothy Frank; Captain Peter Amaddio
p2	Larsen, Camden	Measurement of Isotope/Isomer Shifts of Radioactive Xenon	Monte Anderson, James Scoville, Jerry Sell, Michael Shaffer, Randy Knize
P2	Lomeli Ortiz, Melony	Non-thermal plasma jet treatment induces and decreases <i>Escherichia coli</i> cell growth	Dr. Adam Light
P2	Lynch, Gina	Universality of the Need for Novelty Across Age Groups: Potential for Inclusion in Basic Psychological Needs Theory	John Horner
P2	Maahs, Natalia	Stable and efficient air processed OPV modules	Bryon Larson
P2	Marcotte, Jake GROUP	Are learning assistants the hidden x factor in teaching General Chemistry?	Joey Wagoner, David J. Weiss, Patrick McGuire
P2	Marsh, Nick GROUP	Thomas Moran: America's First National Park Influencer	Dr. James Baginski
P2	McBride, Evelyn	Mass spectrometric analysis of amyloid beta fragmentation after induced oxidative stress	Dr. Andrea Kelley
p2	McCarthy, Kyle GROUP	Sleep's Impact on Marksmanship: A Study of USAFA Rifle Team Performance Across Seasons	Chad Tossell, Christopher McClernon, Matthew Deming
P2	Nemri, Jamil	Structure of membrane-bound human 15-lipoxygenase-2	Crystal Vander Zanden
P2	Newall, Thomas	Fighting <i>Pseudomonas aeruginosa</i> Wound Infections with an Engineered Skin Microbe	J. Jordan Steel, Victoria Morrison, Camilla

			Mauzy, and Kristi McElmurry
P2	Nguyen, Alicia GROUP	A Second Bacterial Actin System Regulates Cell Morphology in <i>Nostoc punctiforme</i>	Douglas Risser
P2	Osborne, Ryan GROUP	Examination of Potential Bias in National Park Designation	James Baginski
P2	Reed-Starr, Joyclyn	Temperature Effects on <i>Vanessa cardui</i> Butterfly Development	Lisa Hollis-Brown
P2	Richards, Kristen	Poetry in the Desert Southwest: Explorations of Creativity, Discomfort, and Heat	Brandon Shimoda
P2	Ritchot, Christian	Can Terrain Based Deep-Learning Models Accurately Predict Gold Deposits? Unlikely	Dr. Justin White
P2	Rothschild, Ethan GROUP	Analyzing Heavy Metal Contaminants in Monument Creek	Dr. Murphy Brasuel
P2	Ruszkiewicz, Maddie GROUP	Commercial Fishing Effects on Local Alaskan Communities	Dr. James Baginski
P2	Shea, Tiia	Integrating more real data into Calculus I courses	David Brown
p2	Srode, Nathaniel GROUP	Excited State Dynamics in Gold(I) N-Heterocyclic Carbene Complexes	Dr. Kimberly Dr La Harpe, Col Ethan Ho
p2	Sublette, Grace GROUP	Streamlined Air Force Flight Scheduling: Implementing an Automated Method for an Instructor Pilot Assignment Problem	Brian Lemay and John Miller
p2	Tran, Thai	Identifying Parts Commonalities Across The F-35 Fleet to Improve Sustainability with Jenkins Optimization	Brian Lemay and Adam Ackerman
P2	Trujillo, Alyssa	The Potential Moderating Role of Sleep Disturbances on the Association between Childhood Trauma and Substance Use	Dr. Colin T. Mahoney
P2	Vanga, Varun	Nanomagnet shape dependence on the ferromagnetic resonance of artificial spin ices	Ezio Iacocca
p2	Wood, Shelby GROUP	Investigating Supersonic Flow Using Linear Array Focused Laser Differential Interferometry and Computational Fluid Dynamics	Lt Col James Bowers
P2	Zhao, Cerella	A Feminist Perspective on Parasocial Romance Relationships in Gaming	Tomi-Ann Roberts
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