

POSTER PRESENTATION, SESSION II: 10:00 AM – 11:15 AM

(Note: There are no poster presentations in Session I)

Jordan Student Success Building - Mezzanine

Poster #	Name	Major	Title	Mentor
1	Tristan Bunting / Eden Chavez	Biochemistry	Examining the Effects of MEK and GSK-3 Inhibition on mRNA Methylation in Mouse Embryonic Stem Cells	Christopher Phiel
2	Gage Leach, Lizeth Hernandez, Daniel Gerber	Biochemistry	Investigating Acyl Fluorides as a Potential New Class of SHAPE reagents	Shailesh Ambre / Megan Filbin
3	Isabel Thomas / Ernesto Saenz Rascon	Biochemistry	Synthesis of a Library of Mycobacterial Glycopeptidolipid Fragments for the Development of Aptamer-Based Diagnostic Tools.	Shailesh Ambre / Andrew Bonham
4	Hal Arons	Biology	Microvideography of <i>Sabethes cyaneus</i> Copulation	Robert Hancock
5	Isaiah Bonilla / Haddel Dahabreh	Biology	Predator in the Water: Hunting Prey in a neotropical tree hole as <i>Sabethes</i> Mosquito Larvae	Robert Hancock
6	Brittany Brown	Biology	Breeding Behavior of the Ferruginous Pygmy Owl (<i>Glaucidium brasilianum</i>) in Costa Rica	Christy Carello
7	Jailene Carrillo / Raelyn Begay	Biology	The Function of <i>macc1</i> in Post-Embryonic Growth in Zebrafish	Vida Melvin
8	Jeromie Dorrance	Biology	Investigating Spawning and Reproductive Mechanisms in Aiptasia Anemones	Maria Cattell
9	Maria (Meg) Green	Biology	Exploring Microbial Dynamics of Bonairian Coral Affected by Bleaching and Disease	Maria Cattell / Helene Ver Eecke
10	Eleanor Mancilla	Biology	qPCR Validation of RNA-seq Transcriptomic data for Heat Shock in <i>Oncorhynchus clarkii stomias</i>	Douglas Petcoff
11	Paige Phillips / Virginia Santillan	Biology	The effect of grazing and defecation of Canada Geese on urban environments	Robert Hancock
12	Krista E. Sherman	Anthropology	Investigating the Impact of Osteoporosis on Skeletal Age-At-Death Estimation in the Os Coxa	Michala Stock
13	Eric Linkhart	Anthropology	Infiltration Swale Study	Sarah Schliemann / Gabrielle Katz
14	Brendan Bialy	Applied Geology	The Chemical Composition of the Rind that Coats the Upper 5 to 12 feet of the Castle Rock Conglomerate	EchoHawk / Uwe Richard Kackstaetter
15	Luke Farchione / Emily Boyer	Computer Science	Bili: An Open-Source Framework for Evaluating Large Language Models in Sustainability Applications	Daniel Pittman / Alyssa Williams

16	Cece Housh, Vincent Cordova, Kyle Zimmerman	Computer Science	Social Connection Through Gamification: The Next Phase of Roadrunner Connect	Daniel Pittman / Meredith L. Jeffers
17	Abigail Read, Alfredo Cervantes, Kyle Mathiesen	Mechanical Engineering Technology	Development and Evaluation of Advanced Machine Motion Table for Kinematic and Dynamic Motions	Devi Kalla / Mingli He
18	Caoimhín Perkins	Physics	High-Altitude Orographic Cloud Conditions Above Arsia Mons	Kamran Sahami

POSTER PRESENTATION, SESSION III: 1:15 PM – 2:30 PM

Jordan Student Success Building - Mezzanine

Poster #	Name	Major	Title	Mentor
1	Kylle Been	Bachelors of Fine Art	Hyper-tufa cement Metal Mindset	Tsehai Johnson
2	Kyle Kramer	Bachelors of Fine Art	The Intricacy of Simplicity	Marin Abell
3	Ryan Dorman	Bachelors of Fine Art	queer as divine	Leslie Boyd
4	Mia Conley	Bachelors of Fine Art	<i>Circo Anima</i>	Marin Abell
5	Paul Guzman, et. Al.	Communication Design	Zeromile Issue #15 - Network	Peter Bergman
6	Artemis T. Douglas	IDP: Feminist Rhetorical Practices	How to Move the Needle: Is MMT Rhetoric an Avenue for Change Within Advocacy?	Jessica Parker
7	Ari Rabinovich	English - Secondary Education	Building Students' Social Justice-Based Critical Thinking: An Action Research Plan	Charlie Potter
8	Miguel Angel Rodríguez	Spanish and Philosophy	Between Two Writers; Borges and Ribas	Maria Rey- Lopez
9	Juan Castaneda- Ramirez	History	Rhetoric	Anthony Garcia
10	Miranda Flynn	Chemistry	Cyclic tribenzimidazole	Michael Jacobs / David Schubert
11	Stian Gilbertson	Chemistry	Chemistry of Urushiol Oil and it's Applications	Michael Jacobs
12	Casey Roberts / Frost Gordon	Biology	<i>ndnf</i> loss-of-function in zebrafish craniofacial development	Vida Melvin
13	Yailenne Rodriguez / Maddison Hepplewhite	Biology	Mosquito Trap Catch Biodiversity Patterns Along the Front Range Urban Area of Colorado	Robert Hancock

14	Mackenzie Rogers	Biology	Potential Influence of Rural versus Urban Habitats and Water Proximity on <i>Salmonella</i> and <i>E. coli</i> Shedding in Wild <i>Thamnophis elegans</i>	David Merriam
15	John X. Rutherford	Biology	Essential Oil-Based Pesticide for Sustainable Pest Management	Erin Bissell / Christopher Meloche
16	Kaylyn Shearer	Biology	The Effects of Elevated CO2 Levels on Mummy Development in an <i>Aphidius colemani</i> - <i>Rhopalosiphum padi</i> Banker Plant Biological Control Pest Management System	Jennifer Bousset
17	Kiera Willford	Biology	APOBR Is Downregulated in EBV+ Tonsils of Children with Obstructive Sleep-Disordered Breathing	Regie Santos-Cortez
18	Skylar Stefanowicz	Biology	Maternal PRKAA1 protects fetal growth and uterine artery blood flow in high altitude Colorado residents	Colleen Julian, Julie A. Houck, Ramon A. Lorca, Lorna G. Moore

POSTER PRESENTATION, SESSION IV: 2:45 PM – 4:00 PM

Jordan Student Success Building - Mezzanine

Poster #	Name	Major	Title	Mentor
1	Michael Hatchell / Maxwell Ricks	Healthcare administration	The Impacts of E-cigarettes and Vapes on the Health of American Youth	Garvita Thareja
2	Mira Towns, Elisabeth Lichti, Linda Riebel	Public Health	Effective approach in preventing sexually transmitted infections (STI's) – a systematic analysis	Garvita Thareja
3	Samuel Lynch / Tagwa Alsanousi	Nursing	Assessment of BCG-Induced Trained Immunity in RAW264.7 cells following heterologous challenge with <i>Streptococcus pyogenes</i>	David Merriam
4	Benji Del Barco, Kacey Mears, LaKrisha Fehringer, Aden Walsh	Psychology	Does Social Media usage determine Schizophrenia Literacy?	Aaron Richmond / Chad Mortensen
5	Vilma Moreno / Ariana Rosales	Psychology	The Rising of Mental Health Stigma: The Role of Social Media Misinformation	Aaron Richmond / Chad Mortensen

6	Brandon Martinez, et al.	Psychology & Philosophy	Challenges for Development & Implementation of Evidence Based Teaching Practices	Arijana Barun, Cynthia Erickson, Shalini Srinivasan
7	Sarah Rones, et al.	Biology	Self-efficacy increases in active learning classrooms to enhance student success	Arijana Barun, Cynthia Erickson, Shalini Srinivasan
8	Heather Menger-Elite	Economics	Common Trajectories of Economic Boom Amidst Divergent Governmental Systems	Sabina Mlodzianowska
9	Lara Widger	Political Science	Voting Insights: Navigating Student Electoral Participation	Shayla Bischoff
10	Mary Preston	Political Science	Food and Femininity: Food Security, Sovereignty, and Justice in the Middle East and North Africa	Jennifer Seman
11	Zoe Ward	Biochemistry	Electrochemical DNA-Based Biosensor to Detect HPV/Cervical Cancer Protein E6	Andrew Bonham
12	Veronica Henderson-Davis / Steven Mendoza	Biochemistry	Identifying Essential RNA Structures for Noncanonical Cap-Independent Translation in Blackcurrant Reversion Virus	Megan Filbin
13	Christabel Ofori / Nico Tenorio	Biochemistry	Characterization of leucomethylene blue binding to DNA to improve biosensor sensitivity	Andrew Bonham
14	Viktoriya Gidenko, Isabel Thomas, Ernesto Saenz-Rascon	Chemistry	Optimization of a Serendipitous Discovery: Synthesis of Glycosyl Chlorides using Tin Tetrachloride	Shailesh Ambre
15	Grace Servia	Chemistry, Mathematics	Utilizing Simple Technology to Create an Instrument for Improved pH Measurements	Shailesh Ambre
16	Khalif Williams	Biology	Aiptasia symbiosis Model System	Maria Cattell
17	Isabella Young	Biology	Does Size Matter? An analysis of cryptic oviposition site choices observed in highly invasive <i>Aedes aegypti</i> mosquitoes in the Laboratory	Robert Hancock
18	Charlotte Campbell / Briana Wagner	Biology	Comparison of <i>E. coli</i> Antibiotic Profiles Relative to Source	Rebecca Ferrell
19	Bella Maher	Biology	A structural look at <i>Drosophila melanogaster</i> Malvolio and its role in ion transport	Emily Ragan
20	Quinn Pedrick	Biology	Berry Tasty? On the Carbon Dioxide Enrichment of Strawberry Plants	Joshua Craver