

First Name of first author (creator)	Last Name of first author (creator)	First and Last Names of other co-authors (co-creators) - separate names with a comma	First and Last Name of Faculty (or Staff) Mentor	Your department	Project title	Session code	Session Name	Room
Jessica	Downs		Alexandra Giannell	Art and Design	Geological Painting: The Study of Combining Painting Techniques that Mimic the Formation of Ancient Rocks	Art 2	Art 10:00-11:00	SB Atrium
Hollie	Anderson		Alexandra Giannell	Art & Design	Creating with Touch: Connecting Mind and Body Through Artistic Process	Art 2	Art 10:00-11:00	SB Atrium
Hannah	Brown		Alexandra Giannell	Art & Design	You Were Born With It, a Look Into Privilege and Homelessness	Art 2	Art 10:00-11:00	SB Atrium
Samuel	Stoddard		Alexandra Giannell	Department of art and Design	Somatic Diffusions: Projection and Impressions found in the Clutter of Domestic Spaces	Art 1	Art 9:00-10:00	SB Atrium
Zachary	Nielsen	Isabella Nielsen, Erin Riggs, Jeremy Jensen, Kelsey Stone, Kyri Forman, Karen Smith, T. Heath Ogden	Erin Riggs	Art and Design	Scientific Illustration Through Interdisciplinary Collaboration	Art 2	Art 10:00-11:00	SB Atrium
Nikayla	Petersen	Collin Park, Landon Tolman	Francine Jensen	Nursing	Factors that Promote Satisfaction for Nurses	O1-1	Oral Session 1: 9:00-10:00	SB 074
Hailey Tennessee	Reed	Camri Hill	Francine Jensen	Nursing	Factors that may be attributed to health care aid burnout in long-term care facilities.	O1-2	Oral Session 1: 9:00-10:00	SB 074
Kristen	James	Luciano Silva, Alden Compton, Sarah Skousen	Francine Jensen	Nursing	COVID-19 Impact	O1-3	Oral Session 1: 9:00-10:00	SB 074
Mikhail	Jones	Dr. James Bemel	Dr. James Bemel	Public Health	The Prevalence of Betel Nut and Tobacco Use Among Micronesian Immigrants in the United States	O1-4	Oral Session 1: 9:00-10:00	SB 074
Katelyn	Hickman	Josh Leon, Clayton Rawson, Ivette Pimentel, Jorge Garcia	Cassie Bingham	Center for Social Impact	A Toxic Legacy: Uranium Mining in the Navajo Nation	O1-5	Oral Session 1: 9:00-10:00	SB 074
Kymberlie	Crosby		Leandra Hernandez	Humanities and Social Sciences	The Idea Man: A Thematic Analysis of How Muscle Dysmorphia Affects Men	O2-1	Oral Session 2: 10:00-11:00	SB 074
Mikayla	Low		Michael Rotter	Biology	Influence of Ecological Histories on Beaver Foraging Preferences	O2-2	Oral Session 2: 10:00-11:00	SB 074
Ava	Jorgensen		Harish Bhatt	Mathematics	Estimation of Immigration Mystery Parameter-An Inverse Problem	O2-3	Oral Session 2: 10:00-11:00	SB 074
Mason	Hoffman	Michael Rotter	Michael Rotter	Biology	Do Cabbage Loopers Change Feeding Behavior to Fight Parasitoids?	O2-4	Oral Session 2: 10:00-11:00	SB 074
Abdus	Samad	Duncon Christianson	Abdus Samad	Finance and Economics	Development of Development of Financial sector and Economic growth of Utah	O3-1	Oral Session 3: 11:00-12:00	SB 074
Noelle	Anderson	Nayely Unick, Mackenzie Steinkopf, Tara Baer	Francine Jensen	Nursing	BSN Classes	O3-2	Oral Session 3: 11:00-12:00	SB 074
Audrey	Dayton		Frederick White	Integrated Studies	Manatees and Power Plants: A Problematic Duo	O3-3	Oral Session 3: 11:00-12:00	SB 074
Olivia	Grant		Michael Rotter	Science	Field Manual of the Utah Valley Flora: A student led research effort	O3-4	Oral Session 3: 11:00-12:00	SB 074
Trevor	Millar	Dr. T Heath Ogden	Dr. T Heath Ogden	Biology	Anchored Hybrid Enrichment for High Throughput Phylogenetics	O4-1	Oral Session 4: 11:00-12:00	SB 075
Tyler	Hacking		Geoffrey Zahn	Biology	Development of non-detrimental methods to survey fungal endophytes in endangered cacti	O4-2	Oral Session 2: 1100-12:00	SB 075
Jared	Beatty		Sue Jackson	Integrated Studies	COVID-19 Symptoms of UVU Students	O4-3	Oral Session 4: 11:00-12:00	SB 075
Sawyer	Baum		T. Heath Ogden	Biology	A Longitudinal Study of Acceptance of Evolution and Scientific Literacy in a University Setting, 2011-2021	O4-4	Oral Session 4: 11:00-12:00	SB 075
Brittany	Bugg	Zachary Peterson	Michael Rotter	Department of Biology	Utah's Greenest Meateater: Mapping the Home of Utah's only Carnivorous Plant	P1-01	Poster Session 1: 9:00-10:00	SB Atrium
Riley	Rowberry	Rhett Sudweeks, Geoff Zahn, Alma Laney	Alma Laney	Biology	Developing a MinION-based sequencing pipeline for detection of plant viruses in Utah.	P1-02	Poster Session 1: 9:00-10:00	SB Atrium
Rider	Bellis		Lauren Brooks	Biology	The Alcohol Tolerance of <i>M. luteus</i>	P1-03	Poster Session 1: 9:00-10:00	SB Atrium
Bryson	Edwards	Jeffrey Goddard, Dr. Ruhul Kuddus, Dr. Islam Mohammad	Ruhul Kuddus	Biology	Some effects of COVID-19 pandemic on kidney transplantation in 30 countries.	P1-04	Poster Session 1: 9:00-10:00	SB Atrium
Samuel	Lewis	Zoe Thompson	Zoe Thompson	Department of Biology	Analysis of Estrous Cycling in POMC-deficient mice	P1-05	Poster Session 1: 9:00-10:00	SB Atrium
Aaron	Evans	Ethan	Lauren Brooks	Microbiology	Bacillus licheniformis and the Effects on Biofilm Growth and Formation	P1-06	Poster Session 1: 9:00-10:00	SB Atrium
Bethanie	Wilde	Harrison Piper, Baudry Ilunga, Brittany Burton	Eric Domyan	Biology	siRNA-mediated knockdown of MSLN for determination of association with pigment production in domestic rock pigeon (<i>Columba livia</i>)	P1-07	Poster Session 1: 9:00-10:00	SB Atrium
Samantha	Ingram		Dr. Michael Rotter	Biology	Ecological Separation and Pollinator Discrimination Against Subspecies of Rabbitbrush	P1-08	Poster Session 1: 9:00-10:00	SB Atrium

Jenna	Moulton	Zac Slater, Joshua Nilsson, Tristan Swensen	Paul Dunn	Biology	Sampling for Invasive Crayfish Species in Salem Pond	P1-09	Poster Session 1: 9:00-10:00	SB Atrium
Jeremy	Jensen	Kelsey Stone, Zach S. Nielsen, Karen Smith, Kyri Forman, & T. Heath Ogden	Heath Ogden	Biology	The Insects of Capitol Reef: The Photography for a Field Guide	P1-10	Poster Session 1: 9:00-10:00	SB Atrium
Emily	Taylor		Claudia Jorgenson	Behavioral Sciences	The Impact of the Novel Coronavirus on the Brain	P1-11	Poster Session 1: 9:00-10:00	SB Atrium
Emily	Taylor		Claudia Jorgenson	Behavioral Sciences	Post-Traumatic Growth A Paradigm for Psychological Change	P1-12	Poster Session 1: 9:00-10:00	SB Atrium
Avery	Larsen	Tabitha Weir	Dr. T. Heath Ogden	Biology	A Genomic Phylogeny of the Most Diverse Mayfly Family	P1-13	Poster Session 1: 9:00-10:00	SB Atrium
Andrew	Dobberfuhl	Albert Jackson	Kristopher Kopp	Psychology	Many recent studies within the last two decades have explored the dynamics surrounding self-esteem, which is in one's sense of worth. Within our study, we focus on the similar concept of self-efficacy. Self-efficacy is defined as "people's beliefs about their capabilities to produce designated levels of performance that exercise their influence over events that affect their lives" (Bandura, 1994). It is important to note for this study, that self-efficacy can vary between specific tasks, such as having weak efficacy about dieting, but strong efficacy about jogging. In our study we are looking to see if undergraduate college student's self-efficacy in their creative hobbies, and self-efficacy in their academics are positively correlated. Other studies have looked at the positive impact a creative hobby can have on an individual's mental state, such as decreasing symptoms of depression (Israel et. Al, 2020). Additionally, it has been found that the development of creative skills can lead to a higher likelihood of academic success (Denervaud et al, 2019). While we acknowledge these two studies use different variables, we hypothesize that if we bring the two variables of hobbies and creative skills together, we will see a positive correlation between self-efficacy in a creative hobby and an individual's academic self-efficacy	P1-14	Poster Session 1: 9:00-10:00	SB Atrium
Tabitha	Weir		Heath Ogden	Biology	The Ephemeroptera throughout Utah	P1-15	Poster Session 1: 9:00-10:00	SB Atrium
Spencer	Leavitt		Lauren Brooks	Biology	Alcohol Tolerance of <i>Bacillus thuringiensis</i>	P1-16	Poster Session 1: 9:00-10:00	SB Atrium
Karla	Peña		Nathan Goldfarb	Chemistry	Expression, Purification, and Cocrystallization of Hip1 with NS-049-2, a Lead Compound for the Treatment of Tuberculosis	P1-17	Poster Session 1: 9:00-10:00	SB Atrium
Ron	Hammond	Chris Anderson, Brooklyn Wild, Paul Hostetter, Kristen Kelander, AndraLee Hollingworth	Ron Hammond	Behavioral Science	Predicting Current Loneliness among UVU Students: The Statistical Influence of Past ACE's & PCE's and Recent Intimacy and Health Patterns.	P1-18	Poster Session 1: 9:00-10:00	SB Atrium
Michelle	Chicas	Sara S. Rocks, Dustin W. Shipp	Sally Rocks	Chemistry	Investigation of microplastics in Utah with Raman spectroscopy	P1-19	Poster Session 1: 9:00-10:00	SB Atrium
Tyler	Hacking	Jonathan Cook, Clayton Rawson, Erin Riggs	Michael T. Stevens	Biology	The Role of Year-to-Year Environmental Variation on <i>Morchella</i> Distribution, Density, and Growth	P1-20	Poster Session 1: 9:00-10:00	SB Atrium
kyri	forman	Craig Thulin	Heath Ogden	Biology	Wing and Eye Pigmentation in White Morph of the Monarch Butterfly (<i>Danaus plexippus</i>)	P2-01	Poster Session 2: 10:00-11:00	SB Atrium
T. Baylan	Horrocks	Coby Bloxham, Danielle T. Taylor, Devin H. Taylor	Devin Taylor	Biology	Effects of an omega-3 supplemented diet on learning and memory of <i>Drosophila melanogaster</i> in a model of Alzheimer's Disease	P2-02	Poster Session 2: 10:00-11:00	SB Atrium
Claire	Webber	Claire Webber, Krista Ruggles	Krista Ruggles	School of Education	Micro STEM Fest Kits	P2-03	Poster Session 2: 10:00-11:00	SB Atrium
Holly	Thelin		Danielle Taylor	Biology	The Effects of the Pesticide Imidacloprid on Wing Muscle Tissue in <i>Drosophila melanogaster</i> .	P2-04	Poster Session 2: 10:00-11:00	SB Atrium
Brian	Bona	Austin Walker, Isaac Miller, Sajid Safiullah, and Dr. Ruhul Kuddus	Dr. Ruhul Kuddus	Biology	Isolation of a strain of multidrug-resistant <i>E. coli</i> remarkably resistant to bacteriophage infection	P2-05	Poster Session 2: 10:00-11:00	SB Atrium

Ernie	Vilela	T. Heath Ogden	T. Heath Ogden	Biology	A Bioinformatic Workflow for Transcriptome Analysis of Opsin Genes in Ephemeroptera (Mayflies)	P2-06	Poster Session 2: 10:00-11:00	SB Atrium
Kelsey	Stone	Jeremy Jensen, Zach Nielson, Kyri Foreman, T. Heath Ogden	Heath Ogden	Science	The Insects of Capitol Reef: A Collaborative Approach to Creating a Field Guide	P2-07	Poster Session 2: 10:00-11:00	SB Atrium
Jefferson	Evans	Ethan Roundy, Quinton Carlisle	Sayed Sajal	Computer Science	Seamless Parking Solution for UVU	P2-08	Poster Session 2: 10:00-11:00	SB Atrium
Matthew	Ward	Dallin Shumway, RoesMary Woods, Minerva Morales	Jennifer Shubert	behavior science	Delinquency and Parenting Practices	P2-09	Poster Session 2: 10:00-11:00	SB Atrium
Sarah	Quist	Lauren Brooks, PhD	Lauren Brooks	Biology	A gut feeling: examining how amino acid differences in major curli subunits produced by gut microbiota play a role in Alzheimer's disease.	P2-10	Poster Session 2: 10:00-11:00	SB Atrium
Veronica	Gunyan	Benjamin Miera, Abolfazl Amin, Bonnie Andersen	Bonnie Andersen, Abolfazl Amin	Department of Physics	A Thermoacoustically-Driven Vocal Tract Model	P2-11	Poster Session 2: 10:00-11:00	SB Atrium
Jonathan T.	Cook	Tyler M. Hacking, Clayton Rawson, Sung Kim, Annette Lewis, Steven H. Emerman, Eddy Cadet	Eddy Cadet	Earth Science	Hot Springs in the Watershed of Utah Lake, Central Utah: An Essential Component of a Hydrologic Model for Utah Lake	P2-12	Poster Session 2: 10:00-11:00	SB Atrium
Barbara	Aratano Jibson		Kristopher Kopp	Behavioral Science Department	The Retention of Leamed Academic Material Through Timed vs. Untimed Tests	P2-13	Poster Session 2: 10:00-11:00	SB Atrium
Taylor	Whiting	Acacia	Acacia Overoye	Psychology	Student Reactions to Written Justification Testing	P2-14	Poster Session 2: 10:00-11:00	SB Atrium
Joseph	Fife	Laine Smith, Sydney McGovern, Michael Stevens	Michael Stevens	Biology	Genetic differences in the growth and phenology of endangered clay phacelia (<i>Phacelia argillacea</i>)	P2-15	Poster Session 2: 10:00-11:00	SB Atrium
Benjamin	Smith	Joshua Thomson, Michelle A. Chicas Aslett, Adam Cluff, Mitchell Asper, Lance Jagerson, Elena N Laricheva	Elena N Laricheva	Chemistry	Investigating the effect of structural changes on optoelectronic properties of benzenoids and their boron-nitrogen analogs	P2-16	Poster Session 2: 10:00-11:00	SB Atrium
Marissa	Ohran	Braydon West, PJ De La Vega, Rollo Simmons, Alyssa Tidwell, Dr. Geoffrey Zahn	Geoffrey Zahn	Biology	Fishing for Fungi in Utah Lake	P2-17	Poster Session 2: 10:00-11:00	SB Atrium
Mikaela	Cowles	Joseph Jensen	Joseph Jensen	Physics	Surface Fluctuation Distances: It's a SNAP!	P2-18	Poster Session 2: 10:00-11:00	SB Atrium
Bronson	Young	Nate Gomez, Haeun Gim	Ming Yu	Department of Chemistry	Fluorescent Behavior of Quantum Dots with Cytochrome C in Sodium Chloride and Calcium Chloride	P2-19	Poster Session 2: 10:00-11:00	SB Atrium
Tyler	Hacking	Jonathan Cook, Clayton Rawson, Meshel Patten, Alex Johnson, Mohammad Islam, Olga Kopp	Olga Kopp	Biology	Perception of the Impact of Cannabis Use on Addiction	P2-20	Poster Session 2: 10:00-11:00	SB Atrium
Kellie	Saunders	Anna Schank	Francine Jensen	Nursing	Experiences of Young Adults with Attention-Deficit/Hypersensitivity Disorder (ADHD)	P3-01	Poster Session 3: 11:00-12:00	SB Atrium
Kendra	Lee	Matthew Mitchell, Max Fife, and Francine Jensen	Francine Jensen	Nursing	Nurses and Their Intent to Leave the Bedside	P3-02	Poster Session 3: 11:00-12:00	SB Atrium
Porter	Bischoff	Britt Wyatt, Heather Wilson-Ashworth	Josh Premo	Biology	First Generation Students' STEM Motivation in an Open Enrollment Institution	P3-03	Poster Session 3: 11:00-12:00	SB Atrium
khaled	alanazi		Khaled Alanazi	Biology	Can religious doctrines on animal welfare and restrictions on human food of animal origin benefit secular laws on animal welfare and conservation and management?	P3-04	Poster Session 3: 11:00-12:00	SB Atrium
Alexander	Gibb		York Young	Physics	Construction and Characterization of the Fiber Coupled Diode Laser for a BaGa4Se7 Non-linear Optical System.	P3-05	Poster Session 3: 11:00-12:00	SB Atrium
Madeline	Moore	Keegan Smith	Danielle Taylor	Biology	Effects of Valproate on epileptic episodes in <i>Drosophila melanogaster</i> with a knockdown of Ube3a in different types of neurons as a model of Angelman Syndrome	P3-06	Poster Session 3: 11:00-12:00	SB Atrium
Tyler	Hill	Emily Heider, Jesse Maccione	Emily Heider	Chemistry	Assessment of a classroom-based experiment: exploring the relationship between color, wavelength, transmittance, and light absorbance	P3-07	Poster Session 3: 11:00-12:00	SB Atrium
Kayson	Christensen	Jordan Hunt, Jehu Pineda Erazo	Abdenour Seibi	Engineering	Finite Element Analysis of Scaled Wind Turbine Blades	P3-08	Poster Session 3: 11:00-12:00	SB Atrium
Hannah	Liddell		Jason Lanegan	Art and Design	Disparate Threads: Weaving the Tapestry of a Queer Religious Life	P3-09	Poster Session 3: 11:00-12:00	SB Atrium
Benjamin	Davis		Kristopher J. Kopp	Behavioral Science	The Learning of Foreign Words in Context	P3-10	Poster Session 3: 11:00-12:00	SB Atrium
Maleena	Maxwell	JT Brown, Rachel Arocho, Paige Rood, Julia Yan	Rachel Arocho	Behavioral Science	Racial Disparities in Breastfeeding Behaviors and the Role of Prenatal Care Timing	P3-11	Poster Session 3: 11:00-12:00	SB Atrium

Roshannah	Funk	Megan Christensen, Hannah Dildine, Nathan Farmer, Roshannah Funk, Kellie Jensen, Diana Licon, & Erik Nystul	Farah Sanders, MS, ABD	Communication	Affordable Housing Shortage in Wasatch County, Utah	P3-12	Poster Session 3: 11:00-12:00	SB Atrium
Ryan	Marra	Belen Hunter, Acacia Overoye	Acacia Overoye	Psychology	Color and Perceived Anger	P3-13	Poster Session 3: 11:00-12:00	SB Atrium
Marin	Green	Emma Duke, Caitlin Shirts, Colton Lasswell, James Cisneros	Paul Dunn	Biology	How Do Changes in Salinity Over Time Affect the Individual Culturing of the Great Salt Lake Brine Shrimp <i>Artemia franciscana</i> ?	P3-14	Poster Session 3: 11:00-12:00	SB Atrium
Natalie	Merrill	Rachel Teisina, Caleb Hargraves, John Lugo, Misha Thompson	James Taylor	Behavioral Science	Sleep and Emotional Reactivity Through Physiological Measures	P3-15	Poster Session 3: 11:00-12:00	SB Atrium
Amanda	Gualotuna	N/A	Kris Oldroyd	Behavioral Science	The Role of Mothers in the Development of Children's Emotional Intelligence	P3-16	Poster Session 3: 11:00-12:00	SB Atrium
Johnny	Lugo	James Taylor	James Taylor	Behavioral Science	The Effects of Ethanol on Conditioned Place Preference in Crickets	P3-17	Poster Session 3: 11:00-12:00	SB Atrium
Ulises	Thomock	Tensor Elmikaway	Dallin Durfee	Physics	Characterizing Lasers for use in IPSII Imaging	P3-18	Poster Session 3: 11:00-12:00	SB Atrium
Melanie	Butts	Isaac Manning	Abdenour Seibi	College of Engineering and Technology	How close to turbines in a wind farm can a drone fly	P3-19	Poster Session 3: 11:00-12:00	SB Atrium
Christy	Houston		Michael C. Rotter	Biology	Saltcedar Biocontrol Beetles: Helping or Hurting?	P3-20	Poster Session 3: 11:00-12:00	SB Atrium
Jared	Graham		Matthew Hasara	Technology Management	Race car construction and tire research	Car 1	Car 1: 9:00-10:00	SB Atrium
Alessia	Love			Readings		R-01	Readings session 1: 10:00-11:30	FL 120
Emily	Linford			Readings		R-02	Readings session 1: 10:00-11:31	FL 120
Madisen	Crandall			Readings		R-03	Readings session 1: 10:00-11:32	FL 120
Thomas	Parry			Readings		R-04	Readings session 1: 10:00-11:33	FL 120
Fatu	Matagi			Readings		R-05	Readings session 1: 10:00-11:34	FL 120
Allison	Phillips			Readings		R-06	Readings session 1: 10:00-11:35	FL 120
Noelle	Hendrickson			Readings		R-07	Readings session 1: 10:00-11:36	FL 120
Madalyn	Harper			Readings		R-08	Readings session 1: 10:00-11:37	FL 120
Mary	Royer			Readings		R-09	Readings session 1: 10:00-11:38	FL 120
Tyson	Swasey			Readings		R-10	Readings session 1: 10:00-11:39	FL 120
Cory	Boran			Readings		R-11	Readings session 1: 10:00-11:40	FL 120