**UVU Showcase 2018 Schedule**

**11/1 Thursday 09:00-11:30  
Posters & demonstrations - Science Atrium**

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| Amelia Cope | Indonesian Tsunami Mitigation |
| Annalyse Kofoed | UVU Student Engagement with Diversity: A Comparative Study |
| Austin Crandall | UN Sustainable Development Goals: The Case of Quality of Education and Income Distribution in the U.S. |
| Blake Johnson | Investigation of the synergistic effect of select phytochemical containing oils... |
| Carol Bejar Orellana/ Isak Larsen | Water Quality Study and Trace Metals |
| Cassandra Hoopes | Second Language Acquisition in a Post-Methods Era |
| Channing Hyde | Why Are You So Offended? |
| Christina Keller | Picaresque |
| Clayton Rawson | Impact of Phragmites australis Control on Utah Lake Water Quality |
| Cody Wells | UN Sustainable Development Goals: Life on Land.  The Case of Deforestation in the U.S. |
| Colby Gillies | Water Consumption in Utah |
| Emily Kohnman | International Wealth Management: China's Growing Wealth |
| Ian G Hatch, Michelle D. Loveland | The Risk of Addiction in Traumatic Brain Injury |
| Iryna Chelepis | Inhibition of Fungal Biofilm of Absidia corymbifera and Studies of the Antifungal Activity of Amphotericin B and Origanum vulgare (Oregano) Oil |
| Jason Richardson | Showcase poster |
| Jedediah Orullian | Synergistic antifungal activity of amphotericin B, essential oils and low frequency ultrasound on Mucormycosis causing fungi. |
| Jonathan Davis | Constraining Cosmological Parameters through the kSZ effect |
| Jordon Ciriako | A qualitative study exploring reasons for a service dog as an intervention for PTSD among military personnel |
| Justin Wilbert, Devin Gilbert | The Intersection of Â Marital Problems, Unhealthy Lifestyles, and ADHD Challenges |
| Kelly Clegg | Affordable and Clean Energy |
| Kristina Smith, Anne "Shelly" Hutchinson, Courtney Carlton, Parker Schouten, Ammon Veil, and Sean Owens. | The Effect of Demographic Status on Beliefs about Treating Depression |
| Mason Acree | Artificial Intelligence for Cancer Detection |
| Megan Verno/ Cason Dotson | Identity Congruence, Gender Roles and Correlations with Depression among Women |
| Melania Pena | Evidence for a High Altitude Haze on an L/T Transition Brown Dwarf |
| Michelle Loveland | PTSD, Depression and Veteran Academic Performance |
| Monica English | Existing at a Precarious Intersection: Experiences of Negotiating LGBTQIA Mormon Identity in Utah |
| Nicholas Newell | Effectiveness of DNA Barcoding on Cave Dwelling Arachnids, Crustaceans, and Insects |
| Peter Williams, Tyler Barton, Michaella Loveless, | Can a Visual and Auditory Stimulus Elicit a Measurable Stress Response? |
| Spencer Eyring | Zero Hunger |
| Summer Turpin | Exploring postsecondary academic performance and problems as risk factors and warning signs of suicidal ideation and behavior… |
| Xinyue cheng | United Nations Sustainable Development Goals: The Case of Lung Cancer in Kentucky |
| Zach Dean, Kendrick Kiggins, Jacob Kirkpatrick, Joshua Kirkpatrick, Thomas Mahoney, Tyrel Porter, McKenzie Roberts, Amelia Weixler, Jaren Woods | Using CRISPR to find melanin-related Sox10 target genes |
| Zach Rodgerson | Showcase UN Goals Project |

**11/1 Thursday   
11:30-01:30** **- lunch with departmental resource booths (Center Stage)**

**11/1 Thursday 01:00-03:30   
Posters & demonstrations - Science Atrium**

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| Aisa Gibbons | The Alleviation of Anxiety in College Students as They Advance in Semesters Enrolled |
| Ashley Franklin | Graphic Novels and English as a second language |
| Brittany Allred | Construct of Healing in Psychotherapy |
| Brooke Schroeder | Mental Health Experts and the Justice System: Concerns and Future Directions |
| Bryan Dalley, Jordon Ciriako, Kylie Zimmerman, and Kayla Stubbs | Exploring the Beck Depression Inventory: 57 Years of Assessment |
| Cason Dotson, Michelle Loveland, Brian Timberlake | Gender & ADHD Levels among Married Former UVU Students |
| Conner Gleason | UN Sustainable Development Goals: Innovation, Industry, and Infrastructure: an Analysis of Haiti |
| Cougar B Einfeldt | UN Goal 16 and the Effects of Violence in East Africa |
| Dillon Harper | Bibliotherapy : Evidence for How it's Used and Whether it's Effective |
| Dominique Elder | The Effects of Bisphenol- A; Bisphenol-Aâ€™s Damaging Effects on Human Reproduction and Development and its Role in Chronic Illness |
| Duncan Christensen | UN Sustainable Development Goals: The Case of Inequality in the United States |
| Eric Mena | UN Sustainable Development Goals: Poverty in Malawi: An Analysis of Government Policy and Foreign Aid |
| Henok Gebremichael | Zebra-FISHING for Genes (Analysis of Macrophage Gene Expression in Response to Tissue Wounding) |
| James Taylor | Localization and electrical stimulation of sexually dimorphic neural correlates of anxiety: a pilot study |
| Joshua Balmforth | Probing the mechanism of binding between the sperm and egg cell surface receptors by molecular dynamics simulations… |
| Levi Neely | Carvedilol Improves Hypoglycemia Awareness in Rats |
| McKay | DNA Methylation: Current Knowledge, Research, and Future Medical Possibilities |
| Melissa Findeis | "Pantsuits and Pearls": The Role of Gender and New Media in the 2016 U.S. Presidential Election |
| Phillip Rich | Algae Harvester |
| Sandra Cameron, Kristen Thomsen, Steven Bagley | Facilitating Student Learning by Enhancing Metacognition and Readiness to Change |
| Sarah Callaway | Wasatch Elementary School Absentee Survey |
| Sydney Houghton | The Dispersal of Holmgrenâ€™s Milk-vetch (Astragalus holmgreniorum) Seed Pods by Wind |
| Sylwia Lipinska Hardman,  Enkhzaya Nyam-Ochir, Gretchen Monson, Shelly Crook Hutchinson, Kris Anderson, Zachary Dean, Clayton Rawson, Chase Jenson, James Taylor | UVU/TCU Collaboration |
| Taylor Christensen and Derek McGovern  \ Rhen Parmenter and  Jeremiah Cunningham | GNSS Rapid Static and RMS Horizontal Error \ Exploring Elevation Differences… |
| Tyson Hillock | Effect of Extracorporeal Shockwave on Rhizopus oryzae biofilm. |

**11/2 Friday   
Performances & creative research - RL 152 Dance studio**

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| Shandra Salmon | 9:40 | 10:00 | Dance Education | Characterizing Emotion Through Choreography |
| Ganae Osorio and Kimberly Memmott | 10:00 | 10:20 | Commercial Music |  |
| Paula Powell | 10:20 | 10:40 | Modern, Dance Education, Behavioral Science | No Words |
| Marisa Crowder | 10:40 | 11:00 | Dance/Choreography | Daughter of a King |
| Spencer Muir and Libby Stevenson | 11:00 | 11:20 | Ballroom Dance, Business Management | Red Rouge- An exploration of the Human Will to Survive |
| Doug Smith | 1:30 | 1:50 | Music | Percussion UVU |
| Francesca DeMartino | 1:50 | 2:10 | Fine Art with an Emphasis in Ballet; Behavioral Science with an emphasis in Psychology | The Aftershocks: A Research through Dance on the Emotional Symptoms of Persistent Complex Bereavement Disorder |
| Isabella Arnett | 2:10 | 2:30 | Modern Dance | Quotidian |
| Meladi Hodges | 2:30 | 2:50 | Dance Education | Japanese Ideals in Michio Itos Choreography and Technique |

**11/2 Friday 09:00-11:30  
Art & design, digital media, readings - Science Building Atrium**

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| Aneeqa Janjua | Insomnia Severity and University Student Academic Performance |
| Blake Newman and Aubrey Nielsen | Ethical Implications of Deforestation |
| Daniel Balser Zachariah Becerra Graylon Berg Alise Borne Jayson Brandner Cassey Burke Robert Dean Ellen Hall Jared Johnson Nathan Jones Briana Kroll Joshua Lamping Nicole Laudie Rolon Monica Lopez Janelle Pedroza Jared Peterson Parker Phelps Tihare Salazar Carrasco Kyle Takke Evan Traasdahl Spencer Vance Joseph Venoza | Memorias de la Tierra / Memories of Earth: an insight into the graphic world of Miguel Brieva |
| Della Don Janjua | An Analysis of Student Mental Health and Academic Performance |
| Emily Ferre, Austin Ewell | Ethical Implications of Genetic Screenings in In Vitro Fertilization |
| Michael Skanchy, Jared Walker, Ben Espinoza | To Abort or Not to Abort, That is the Question |

**11/2 Friday   
11:30-01:30** **- lunch with alumni keynotes (Timpanagos room in UVU library)**

**11/2 Friday 01:30-4:00  
Art & design, digital media, readings - Science Building Atrium**

Tim Smith, Logan Barnes, Daniel Gray - Development and Utilization of Virtual Reality Educational Content for Use by Students of Chemistry