

## Presenters:

### Creative Works

#### **Art:**

Brabec, Sophie, A Stitch in Time and Table to Trash  
Brando, Calvin, Bound and Happy Time  
Brisbin, Katrina, Eco-Printing: Crafting with a Conscience  
Caverly, Madyssen, Healing  
Frost, Amanda, Distant Memories  
Gordon, Ash, Mismatched Baggage  
Henderson, Lilyanna, Amazon Coming Soon  
Hove, Rachel, In Memory  
Johnson, Hope, Disturb the Comfortable  
Kannberg, Katherine, Beach Lamp  
Kneafsey, Katherine, Acceptance  
Sanchez, Alexander, Galactic Haze  
Schwendiman, Larissa, Human Nature  
Smith, Dominic, A Life Journey  
Williams, Mykey, Stitches

#### **Film:**

Petersen, Caden, Cataract Jack Promotional Video

#### **Music:**

Ahola, Grace, with Gloria Miller, Vignettes on a Premonition  
Arguello, Jonathan, with David Alvarado, Sunflower Fields  
Baird, Hilary, The Keys to The Kingdom and To a Land of Sleep and Dreams  
Folger-Vent, Rosalie, Lucky Girls  
Nall, Grace, with Ruby Gibford, Floating  
Neumann, Connor, Enchanted Echoes

#### **Theater:**

Cullen, Aspen, Stevie Astudillo, and Melissa Wilson, Everything and Nothing

## Oral Session 1: PUB 317

### Mathematics and Biology

9:30am	Criswell, Ryan (Mathematics), Xiuqin Bai Classification using Logistic Regression and Support Vector Machines
9:55am	Costinett, Dylan (Mathematics), Xiuqin Bai Student Retention and Graduation at EWU Before and After the Pandemic
10:20am	Quindlen, Michael (Mathematics), Frank Lynch Calculus of Variations: Important Results and Using the Euler-Lagrange Equation
10:45am	Levora, Sage, Mychael Henry, and Jake Hillyard (Biology), Krisztian Magori Homeopathic and Allopathic Repellents Efficiency With Deterring Ticks
11:10am	Flores, Sarah, Ben Wulfestieg, Madilyn Odiorne, Daniel Huizar, and Eric Greene (Biology), Krisztian Magori Identification of <i>Contraeaecum multipapillatum</i> at Turnbull National Wildlife Refuge within the components of its life cycle in the initial phases of infection
11:35am	Perez, Jennifer (Biology), Bo Idsardi and Jenifer Walke An effective multi-site course-based undergraduate research experience (CURE) implemented by early adopters
12:00pm	Arrasmith, Natasha, Natalie Barton, Cari Keyser, Clayton Schneider, and Abigail White (Biology), Krisztian Magori Ectoparasites Among the Small Mammal Population on the Eastern Washington Prairie Restoration
12:50pm	Deshazer, Sarah (Biology), Krisztian Magori and Paul Spruell Investigation of small mammal abundance, diversity, and dispersal on and around the Eastern Washington University Prairie Restoration Site
1:15pm	Nguyen, Nguyen, and Ramanpreet Singh (Biology), Charles Herr Canine testes thin section culture
1:40pm	Novak, Melanie, Emily Tyner, Autumn Grove, Blake Zimmermann (Biology), Krisztian Magori Varying Disease Density of <i>Myotis lucifugus</i>
2:05pm	Collins, Kathryn (Biology), Luis Matos Production and characterization of a phage endolysin with putative anti-microbial activity against <i>Cutibacterium acnes</i>

## Oral Session 2: PUB 319

### Biology, Chemistry & Biochemistry, Engineering, and Geosciences

9:30am	Jost, Talon (Biology), Jenifer Walke Understanding the Role of Tetrodotoxin on Skin Microbiome Composition and Chytrid Fungal Infection in Rough-skinned Newts ( <i>Taricha granulosa</i> )
9:55am	Holley, Autumn (Biology), Jenifer Walke Evaluating efficacy of anti-Batrachochytrium dendrobatidis probiotic treatment on Pacific chorus frogs ( <i>Pseudacris regilla</i> ) at current and modeled climate change temperatures
10:20am	Rosenbaum, Gracie (Biology), David Daberkow Investigating the influence of isoflurane and urethane anesthesia on dopamine signaling
10:45am	Pfeffer, Bubba (Biology), Jessica Allen Comparative population genomics of the leprose asexual lichenized fungi <i>Lepraria spp.</i>
11:10am	Johnson, Thurman (Biology), Rebecca Brown Palouse Prairie Restoration in Eastern Washington: First-year Plant Cover and Richness Driven by Topographic Variation, Not Seed Mix Diversity composition for each treatment across three aspects: hilltop/south, north, and swale using mixed linear
11:35am	Beaulaurier, Eric (Biology), Jason Ashley Effects of $\alpha$ 2,3 Sialylation on CSF1R Signal Potency
12:00pm	Kennedy, Kailani (Chemistry & Biochemistry), Jamie Manson Neutron Diffraction Study and Magnetic Properties of $\text{NiF}_2(\text{H}_2\text{O})_2(3\text{-CN-py})_2$
12:25pm	Fischer, Marianna, Brandon Lewis, and Avary Zachary (Engineering), Philip Appel Solid Waste Fuel For Combustion in Energy Recovery System
12:50pm	Scheff, Tyler, and Mickenzie Kinney (Engineering), Awlad Hossain and Heechang (Alex) Bae Correlating the Mechanical Properties of Fiberglass Composites for Different Flaw Defects
1:15pm	Kinney, Mickenzie, and Tyler Scheff (Engineering), Heechang (Alex) Bae and Matthew Michaelis Investigating the Effects of Acetone Vapor Treatment Conditions and Post Drying Methods on Surface Roughness and Tensile Strength of 3D Printed ABS Components
1:40pm	Scoles, Alexander (Geosciences), Stephen Tsikalas Exploring the Changing Climate of Inland Washington and Northern Idaho, 1993 to 2022

### Oral Session 3: PUB 321

#### Chicano Education, Creative Writing, Gender & Women's Studies, International Studies, Music, Psychology, Social Work and Wellness and Movement Sciences

9:30am	Balderas, Sabrina (Chicano Education), Martin Meraz Garcia Chicanos and Mexican Americans in Higher Education
9:55am	Dahlin, Connor (Creative Writing), Jonathan Johnson Humanity's Poetic Relationship with Reality: A Discourse on Ancient Allegory & the Relationship Between Poetry & Mythology
10:20am	Stegall, Annastacia (Creative Writing), Jonathan Johnson The Forgotten Poet, Elsa Von Freytag-Loringhoven, and Her Contribution to Modernism
10:45am	Garcia, Erika (Gender and Women's Studies), Judy Rohrer Behind Bars and Beyond Binaries: Examining the Ongoing Oppression and Abuse of Transgender Detainees in ICE Custody
11:10am	Murphy, Richard (International Affairs), Thomas Hawley Neoliberalism's Effect on Society: An Analysis of the Internalization of Neoliberalism on Freedoms and Democracy
11:35am	Amdahl, Kathryn (Music), Jonathan Middleton Florence Price: Forgotten No More
12:00pm	Hines, Koby (Psychology), Jillene Seiver Effects of Procrastination and Intrinsic Motivation on Academic Performance and Life Satisfaction in Upper Division Courses
12:25pm	Ssebanakitta, Bakima (Psychology), Jillene Seiver Post Traumatic Growth after COVID-19 as a Function of Cognitive Emotional Regulation and Emotional Intelligence
12:50pm	Kent, Joshua (Social Work), ManChui Leung The Impact of School-Based Student Support Services, Creating Positive Change to Mental Health and Academic Success
1:15pm	Garcia, Arcelia, Dionna Cox, and Eric Gomez (Wellness and Movement Sciences), John Gerber Difficulty in Diagnosis and Treatment of a Navicular Fracture and Talar Osteochondral Fracture in an Adolescent Dancer: A Case Study
1:40pm	O'Bryan, William, and Kodie Counsell (Wellness and Movement Sciences), Garth Babcock and Otto Buchholz

	The Effect of Total Motion Release on Functional Movement Screen Scores in Female Collegiate Volleyball Players
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**Oral Session 4: PUB 323**

**English, Philosophy, and Theatre**

9:30am	Roof, Brendan (English), Paul Lindholdt Individualism and Nonconformity in Ralph Waldo Emerson's "Self-Reliance"
9:55am	Campbell, Richard (English), Max Hohner Machiavelli as Literary Theory
10:20am	Zagar, Luke (Philosophy), Kevin S. Decker and Christopher Kirby Hume's Ethics on the Acceptability of Suicide in the Modern World
10:45am	Cyphers, Thomas (Philosophy), Chris Kirby Epistemic injustice and Elimination of Bias
11:10am	Hokanson, Noah (Philosophy), Kevin S. Decker On the Intersection of Augustine and Descartes in the Work of Nicolas Malebranche Augustine, and Descartes, which is of interest as the modern period is not necessarily known for this
11:35am	Browning, Irie (Philosophy), Christopher Kirby The Telos of a Table: An Aristotelian Reflection on the Meaning of Crafted Objects
12:00pm	Kunde, Mason (Philosophy), Terrance Macmullan An interpretation and application of Paulo Freire's <i>Pedagogy of the Oppressed</i> : how we can educate ourselves against oppression.
12:25pm	Trejo-Bernal, Lizette (Sociology), Kassahun Kebede The New Generation: The Experience of Second-Generation Mexican Immigrants
12:50pm	Cullen, Aspen (Theatre), William Ledbetter A Lack of Leading Ladies: Understanding the Absence of Queer Women in Musical Theatre
1:15pm	Belton, Mary (English), Christina Valeo How do the feminist themes of Mrs. Dalloway influence the feminist themes of The Hours? (the film adaptation of Michael Cunningham's <i>The Hours</i> directed by Stephen Daldry)

## **Poster Presentation Session One: PUB NCR**

**9:00 a.m. - 10:45 a.m.**

Ayala, Kristina and Laci Johnson  
Health Services Administration  
Rosalee Allan

Headed for Extinction: Is the current American Diet causing infertility in US Women?

Baber, Rebecca  
Psychology  
Philip Watkins  
Spirituality During COVID-19

Bailey, Autumn, Anita Kopytin, Olivia Hazen, Cameron Hjeltness, and Tristan Johnson  
Biology  
Suzanne Bassett  
Tiny Earth Research Project: A Soil Analysis of Bacterial Antibiotic Producers

Baker, Lyric and Zac Zeigler  
Biology  
Andrea Castillo  
Determining if the Natural Antimicrobial Manuka Honey Induces Antibiotic Resistant Viable But Not Culturable Bacteria

Boyes, Kennedy, Shelby Rowley, Mark Phillips, and Harper Williams  
Social Work  
Ed Byrnes  
The Use of Research for Evidence-Informed Practice

Bustos, Benjamin and Mason Matera  
Biology  
Luis Matos  
Supplementing *Manduca sexta* Artificial Diet with Extra Vitamins Does Not Increase Growth Rate or Final Weight

Cummings, Lilijanna  
Biology  
Jason Ashley  
Sexually-divergent differentiation and inflammatory response of osteoclast precursors

Desimone, Carson  
Environmental Science  
Carmen Nezat  
Evaluating the Accuracy of Elemental Analysis of Soil and Rock Prepared by Microwave Acid Digestion

Dyess, Elizabeth and T. Heil  
Anthropology  
Michael Zukosky  
Estimating the Minimum Number of Individuals (MNI) For Skeletal Collections – With Consideration to the Introduction of Procurement Bias

**Poster Presentation Session One: PUB NCR 9:00 a.m. - 10:45 a.m.**

Frago, Jonah

Biology

Jenifer Walke

Strain variation in competency induction of the core honey bee gut bacterium, *Snodgrassella alvi*

Gamache, Katlin

Geology

Richard Orndorff

Climate, Soil, and Wine in Washington State

Gamache, Katlin, Jalyn Osgood, and Hannah Queen

Geology

Richard Orndorff

Geotechnical Analysis of Soil Sample PP-1 from the Palouse Prairie Restoration Project, Cheney, WA

Garcia, Laurie, Anthony Cortez-Morales, Betzi Bruno Aguilar

Psychology

Kevin Criswell

Examining the Interaction between Online Coursework and Internalized Stigma in Undergraduate Students with Chronic Health Conditions Across 2020, 2021, and 2022

Gray, Aric

Biology

Jenifer Walke and Paul Spruell

Identification of *Batrachochytrium dendrobatidis* lineage in Turnbull National Wildlife Refuge

Hays, Alexa

Environmental Science

Richard Orndorff

The Johnstown Flood and its Impact on Dam Construction and Ownership in the United States

Holman, Sophie and Pamela Ordon

Psychology

Kevin Criswell

Adaptive and Maladaptive Coping Strategies Predict Health and Academic Resilience in Undergraduate Students with and without Chronic Health Conditions: A Longitudinal Study

Hopkins, Brandon

Geography

Richard Orndorff

Inland Washington Drought and the Effect on Wildfire

Ives Keagan and Matt Price

Geology

Richard Orndorff

The Importance of Snowpack as a Water Source for California

**Poster Presentation Session One: PUB NCR 9:00 a.m. - 10:45 a.m.**

Kaddoura, Mohammad, and Shayan Shahrabadi

Biology

Luis Matos

*Drosophila melanogaster* Potential as a Model System for Human Succinic Semialdehyde Dehydrogenase (SSADH) Deficiency

Kappes, Cayden, Paulson Thompson, Ray Tanner, and Arthur Wallace

Computer Science

Sanmeet Kaur

Quartz Inventory Management App

Keith, Collin and Gale Kamp

Health Services Administration

Rosalee Allan

Becoming a Different Person with No Control

Kenison, Kiler

Biology

Ross Black and Camille McNeely

The Sources and Fates of Nutrients in the Deep Lake Watershed

Killian, Suzanne

Mathematics

Hyung Sook Lee

Mathematical Art Exhibit

Krisyuk, Zlata, Tristen Naval, Kaity Paz, and Megan Pickett

Psychology

Kevin Criswell

Depression and Anxiety Symptom Severity in Students with Physical or Mental Chronic Health Conditions during 2020-21 Academic Year: A Longitudinal Study

Lake, Meg and Elaine Larsen

Biology

Jessica Allen

Impact of secondary metabolites and primary reproductive mode on *Parmotrema* distribution in the Southeastern United States

Legg, Betsy

Geosciences

Chad Pritchard

Fancher Butte, Steptoe of Eastern Washington: Witness to Weapons of War 1858 and 1958

Leonard, Max, Seth Morris, and Logan Becker

Geology

Richard Orndorff

Geotechnical Analysis of Soil Sample PP-2 from the Palouse Prairie Restoration Project, Cheney, WA



## Poster Presentation Session One: PUB NCR 9:00 a.m. - 10:45 a.m.

Long, Logan, Will Montgomery, and Mitchel Stefonowicz

Environmental Science

Richard Orndorff

Geotechnical Engineering Analysis of Soil Sample PP-4 from the EWU Palouse Prairie Restoration Project, Cheney, WA

Lutz, Adam

Geology

Richard Orndorff

The Importance of Snowpack to Water Availability in the Western United States

McGillicuddy, Jake

Computer Science

Yun Tian

Real-Time Video Analysis for Automated Attendance: An Amazon Web Service Solution

McPeck, Roxanne, Olivia Morgan, and Andrea Castillo, PhD

Biology

Andrea Castillo

Overexpressing two *Helicobacter pylori* small RNAs from a bacterial pathogenicity-related chromosomal region to investigate their regulation of virulence genes

Miranda, Monica

Psychology

Shanna Davis

Effects of English Language Instruction in the K-12 system: A Retrospective Study

Montejano, Katie and Ian Campuzano

Psychology

Danielle Sitzman

How do we effectively correct health misinformation?

Morgan, Olivia, RN McPeck, and AR Castillo, PhD

Biology

Andrea Castillo

Overexpressing sRNA in *Helicobacter pylori* with Cloning and Transformation

Morris, Seth

Geology

Chad Pritchard

Interactive Presentation

Groundwater Flow Simulation Model

Morrison, Carissa

Biology

Jessica Allen

Survey of Lichens at Eastern Washington University as Bioindicators of Air Quality and Nitrogen Deposition

## Poster Presentation Session One: PUB NCR 9:00 a.m. - 10:45 a.m.

Moua, Amy, Irina Isianov, and Yalda Mohmand

Health Services Administration

Rosalee Allan

Rap music and its correlation with the mental health of young adults

Mumey, Devin

Biology

Jessica Allen

Lichens of Iller Creek: A Checklist for the Iller Creek Unit, a Division of Dishman Hills Conservation Area, Spokane Valley, WA

Nguyen, Nhat, John Plimpton, and Hope Storro

Engineering

Uri Rogers

Modeling a Step Response Using Quadcopters

Norman, Mark and Justin Liebert

Engineering

Arindam Das

Distributed Smart Camera System

Odiorne, Madilyn, Ruby Hammond, and Brynn Richey

Environmental Science

Ruby Hammond

A Baseline Assessment of Migratory and Resident bird use of a Prairie Restoration Site in eastern Washington

Ollero, Marley

Geology

Stacy Warren and Chad Pritchard

Mining of Red Marble Quarry, Washington

Osgood, Jalyn and Hannah Queen

Geology

Richard Orndorff

History and Impacts of Grand Coulee Dam, Washington

Paulsen, Julianna

Biology

Jessica Allen

Geography, Climate, and Habitat Shape the Microbiome of the Endangered Rock Gnome Lichen (*Cetradonia linearis*)

Sangster, Tianah and Andrea Orozco

Health Services Administration

Rosalee Allan

Period. An End to Menstrual Stigma

**Poster Presentation Session One: PUB NCR 9:00 a.m. - 10:45 a.m.**

Powers, Evan, Joshua Stermer, and Tsion Yohannes  
Engineering  
Michael Meyer  
Using an embedded system for a quality cup of coffee

Richardson, Claire and Carson Desimone  
Environmental Science  
Carmen Nezat  
Elemental Concentrations in Urban and Rural Dust in Spokane County, WA

Scoles, Alexander  
Geography  
Richard Orndorff  
The History of Lake Tulare, California: Past and Present

Singh, Ramanpreet, Nguyen Nguyen, and Taylor Matteucci  
Biology  
Charles Herr  
Developing Cryopreservation Methods of Wheat Roots

Snyder, Mariah  
Physical Education, Health & Recreation  
Katrina Taylor and Christi Brewer  
The Physical and Psychological Effects of Multi-Ingredient Pre-Workout Supplements in Females During Resistance Training

Springer, Elena and Cora Malcom  
Health Services Administration  
Rosalee Allen  
The Price Insulin Truly Has On American Lives

Stockslager, Jamison  
Physical Education, Health & Recreation  
Katie Taylor and Carri Kreider  
The Impact of Single-Gendered vs Coeducational Physical Education on Female Adolescent Body Image and Self-Esteem

Taylor, Kevin  
Geology  
Richard Orndorff  
Historic Failure of the Teton Dam, Idaho and its Impacts on Future Dam Construction

Toulou, Erin, and Marley Ollero  
Geology  
Richard Orndorff  
The Water Crisis of Lake Mead, Nevada

Woodworth, Kylee  
Geology  
Richard Orndorff  
History and Development of Hanford Reservation, Washington

**Poster Presentation Session One: PUB NCR 9:00 a.m. - 10:45 a.m.**

Zepp, Hunter

Design

Colin Manikoth

Interactive Presentation

Déjà vu

**Poster Presentation Session Two: PUB NCR**

**11:15 a.m. - 1:00 p.m.**

Alvarez, JJ

Biology

David Daberkow

Investigating the Effects of Pretreatment Intraperitoneal Oxytocin on Signs of Trauma

Amante, Julianna

History

Larry Cebula

The Legacy of Redlining in Spokane: How Redlining Has and Continues to Affect East Central Spokane

Barr, Seth

Biology

Paul Spruell

Aggregative predation responses from Walleye on White Sturgeon in Lake Roosevelt, WA.

Bautista, Saul

History

Joseph Lenti

El Indio Desplazado: The Systematic Displacement of Native People in the Collective Memory of Honduras Through Mayanisation

Betz, Elizabeth

Biology

Luis Matos

Inserting phosphatase genes into an inducible plasmid vector for *Lactococcus lactis* farnesol production

Biedscheid, Zachary

Economics

Mark Holmgren

Exploring the Adoption and Impact of Bitcoin: A Comparative Analysis

Boley, Adam

Physics

Andres Aragonese

The Most Beautiful Experiment in Physics: How the Double Slit Remained Relevant for Over Two Centuries

Brandt, Jodi, and Judd Case

Biology

Judd Case

Relationship between Sickle cell trait and effects of Sickle cell disease

Busch, Conner

History

Larry Cebula

The Origins of Segregated Neighborhoods in Spokane

**Poster Presentation Session Two: PUB NCR 11:15 a.m. - 1:00 p.m.**

Cardenas, Jenna  
Chemistry & Biochemistry  
Yao Houndonougbo

Silico docking studies of ITPA mutants: the analysis of protein-ligand interactions

Carlson, Rayna  
Biology

Andrea Castillo  
Labile Antimicrobial Mechanisms of Manuka Honey Differentially Impact Pathogenic Bacteria

Chavez, Ehriza  
History

Larry Cebula  
Airway Heights, Washington's Unknown Sundown Town

DeFehr, Terreca M.

Psychology

Jillene Seiver

WorkLife balance is imperative to how we spend our time at work and with family

Dodson, Rae

Environmental Science

Carmen Nezat

Lead in Soils at the EWU Palouse Prairie Restoration Site

Escalante, Claudio, Nicholas Gilchrist, and Amalia Farias

Biology

David Daberkow

The effects of fructose and caffeine on novel object recognition in male Sprague Dawley rats

Garcia, Analicia and Christine Macharia

Public Health

Katie Taylor

Modifying the American Fitness Index Toolkit to Assess the Health of a Campus: Healthy Campus, Healthy Eagles

Garvey, Megan

Biology

Camille McNeely

Fairy Shrimp (*Anostraca*) Hatching in the Vernal Pools of Eastern Washington

Hansen, Allisen

Geology

Richard Orndorff

A Confluence of Cultural and Water History with the Seli's Ksanka Qlispe' Dam, Montana

Hedt, Elizabeth

History

Larry Cebula

Historically Black Neighborhoods in Spokane

**Poster Presentation Session Two: PUB NCR 11:15 a.m. - 1:00 p.m.**

Ives, Keagan

Geology

Richard Orndorff

Analysis of the PP-3 Soil Sample From the Palouse Prairie Restoration Project Site, Cheney, WA

Kennerly, Sylvia

Biology

Jason Ashley

Overexpression of Fringe Protein in Osteoclast Macrophages

Killian, Suzanne

Mathematics

Hyung Sook Lee

What is Inquiry-based Mathematical Learning?

Lambert, Miranda

Chemistry & Biochemistry

Ashley Lamm

Synthesis of a Degradable BN Polymer

Legg, Betsy

Geosciences

Richard Orndorff

The Life-Giving Nile: The Central Role of the Nile River in the Development and Sustainability of Ancient Egyptian Civilization

Leonard, Max and Lucas Robert

Geology

Richard Orndorff

History and Environmental Impacts of the Salton Sea, California

Long, Logan, and Issac Dunmore

Environmental Science

Richard Orndorff

The Effects of the Indonesian Water Crisis on Rural Populations

Low, Rachael

History

Lawrence Cebula

Spokane's Debates of 1968 for Fair Housing

Madrigal, Arcelia

Psychology

Susan Ruby

Impacts of Cultural Identity and Experience on Perception of Social Emotional Learning

Mason, CJ

History

Larry Cebula

The Segregated South Hill

**Poster Presentation Session Two: PUB NCR 11:15 a.m. - 1:00 p.m.**

Mathias, Anthony  
Chemistry & Biochemistry  
Yao Houndonougbo

Simulation of the Adsorption of Methane in ZIF-93 using the Universal Force Field

Minlletes, Megan, Pamela Ordon, and Emily Collins  
Psychology  
Julie Swets  
Potential Associations with Nostalgia Proneness

Mueller, Sydney  
Chemistry & Biochemistry  
Yao Houndonougbo  
Molecular Simulation of the Adsorption of Carbon Dioxide in ZIF-93 using the Universal Force Field

Nagle, Sawyer  
Biology  
Camille McNeely  
The Role of Porosity on the Efficacy of Beaver Dam Analogs

Nguyen, Nguyen  
Biology  
Charles Herr  
Bacteria chitinase production and activity

Nguyen, Nhat  
Physics  
Andres Aragonese  
TARDYS Quantifier

Novak, Benjamin  
Physics  
Andres Aragonese  
Ordinal Analysis of Complexity in 2D Chaotic Maps

Ollero, Marley, Jalyn Osgood, and Matthew Slater  
Geography  
Lauren Stachowiak  
Spatial Reconstruction of Historical Fires in the Pine Rocklands on Big Pine Key, Florida

Parke, Kelly  
Disability Studies & Universal Access  
Ryan Parrey  
Atmospheres of Ableism: A Phenomenological Exploration of Everyday Encounters

Plimpton, John  
Engineering  
Thomas Walsh  
Interactive Presentation  
PLC Directed Studies by John Plimpton



**Poster Presentation Session Two: PUB NCR 11:15 a.m. - 1:00 p.m.**

Potter, Natalie

Geology

Chad Pritchard

Projecting variations of deformation in the Spokane, WA area based on isolated buttes.

Reiner, Kai

Geology

Chad Pritchard

Deciphering Anthropogenic VS. Natural Fulgurites

Rogers, Camille

Economics

Mark Holmgren

Effects of Unemployment on Service Industry Employment

Sanchez, Citlalli

Biology

Jason Ashley

Knockout of LFNG gene using Di-Cas7-11 system in RAW264.7 macrophages

Schaaf, Brooks

Economics

Mark Holmgren

Wealthy and wanting: What the wealthy miss out on through income segregation

Schuller, Elyssa

Geology

Richard Orndorff

Sea Level Rise and Coastal Erosion in the United States

Schultz, Matthew

Political Science

Majid Sharifi

Contested Lands and Waters: The Political Forces Surrounding Northern Dynasty's Proposed Mine Near Bristol Bay, Alaska

Simmons, Taylor

Psychology

Michael Zukosky

The Effect of Familismo on the Mental Health of Mexican Immigrants to the United States and their Children

Simpson, Jocelyn and Tatum Dickison

Physical Education, Health & Recreation

Kailyn Gunning

Confidence and Exercise: Is There a Link Between Exercise and Perceived Confidence?

Smith, Annika

Geology

Richard Orndorff

Relationship Between Wildfires and Flooding in the Western United States

**Poster Presentation Session Two: PUB NCR 11:15 a.m. - 1:00 p.m.**

Streeter, Cole

Chemistry & Biochemistry

Ashley Lamm

Crystal structure of Triazatriborino[1,2-a:3,4-a':5,6-a'']tris[1,3,2]benzodiazaborole

Tabino, Makenna

Biology

Rebecca Brown

Mowing Cattail Cover to Increase Aquatic Vegetation Diversity on the Coeur D'Alene River Floodplain in Cataldo, Idaho

Toulou, Erin

Geology

Chad Pritchard

Preliminary Groundwater modeling of the West Plains, Spokane County, Washington: Deciphering erratic trends in PFAS contamination

Trier, Michael

Biology

Rebecca Brown

Using deep learning to understand and map the impact of large-scale dam removals on plant communities and fluvial landforms

Worrell, Emerson

Biology

Camille McNeely

Carbon Storage and Uptake in Woody Riparian Ecosystems in Eastern Washington