



Conference Schedule

Friday, March 29th

8am-5:30pm: Yellowstone Tour. Buses depart 8am from Best Western Grantree Inn parking lot.

4pm: Registration open in Norm Asbjornson Hall (NAH), 2nd floor.

Friday on-campus dinner recommendation: Rendezvous Dining Hall.

6pm: *Scribendi* Reception (with hors d'oeuvres), NAH 165.

7:15pm: Opening Remarks from Bozeman Mayor Cyndy Andrus, NAH Inspiration Hall
Keynote Address, NAH Inspiration Hall: Filmmaker John Heminway
(Introduced by Dean Ilse-Mari Lee, MSU Honors College)

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Saturday, March 30th

—Registration open from 7am, NAH 2nd floor—

First Session: 8-8:50am

Panel #1 (Research): NAH 337

Moderator: Dr. Ben Leubner, MSU Bozeman

Colton Lee, Metropolitan State University of Denver: "Proposal for Research of the Infinite Predicate of God"

Daniel Lang, University of Nevada, Reno: "Taiwan Catholic Consciousness: Effects of Young Catholics' Perceived Identities on Perception of Chinese-language Media Bias."

Sierra DeWalt, Chapman University: "The Portrayal of Death in the *Tao Te Ching*"

Panel #2 (Research): NAH 329

Moderator: Mitchell Faris, MSU Bozeman

Nadine Sevier, Southern Utah University: "Weimar Cinema (1919-1933): Cultural Reflections"

Alexis Wheeler, University of Washington, Tacoma: "Engaging the Past to Contextualize the Present"

Nancy Regis, Mount Saint Mary's University, Los Angeles: "Ethnic Identity: First Generation Latinos in College"

Panel #3 (Research): NAH 325

Moderator: Sheridan Johnson, MSU Bozeman

Vanessa Giramata, Washington State University: "Mindfulness: A Way to Increase Connection and a Sense of Belonging"

Carmen Ramos, Mount Saint Mary's University, Los Angeles: "A Study of Differences in Promoting OCBs and Which OCBs Become Prominent"

Pippa Russell, Chapman University: "Sansa Stark: A Feminine Hero"

Panel #4 (Research): NAH 321

Moderator: Bailey Servais, MSU Bozeman

Abigail Hale, University of Idaho: "Phosphorus Resuspension by Boating"

Jonathan Karlen, University of Montana: "Long Term Changes in Seaweed Abundance in the Gulf of Maine: Climate Change Impacts?"

Mary Burr, Montana State University, Bozeman: "Characterizing the Growth Kinetics of Unique Methanotrophs"

Panel #5 (Research): NAH 153

Moderator: Jonathan Cox, MSU Bozeman

Erinn Dockins, California State Polytechnic University, Pomona: "University Police Department Service Calls Data Analytics"

Christopher Erickson & Eric Kearney, Metropolitan State University of Denver: "Using a Model System to Demonstrate the Potential Benefits of Artificial Intelligence: Building a Safer Driver Utilizing a Raspberry-Pi Computer and OpenCV"

Liliana Delgadillo, Montana State University, Billings: "Assessing the Validity of the Central Resource Theory Against the Multiple Resource Theory"

Panel #6 (Research): NAH 137

Moderator: Natalie Sturm, MSU Bozeman

Taylor Alyssa Pulver, Southern Utah University: "Nutrition Related to Multiple Sclerosis"

Jane Kim & Erin Walton, California State Polytechnic University, Pomona: "Understanding Type 2 Diabetes Patients' Greatest Challenges and Influences to Increase Patient Satisfaction with Medication Treatments, Healthcare Providers, and Healthcare Systems"

Panel #7 (High Energy, Low Time): NAH 165

Moderator: Rebecca Rebrovich, MSU Bozeman

Halie Hagerty, Southern Utah University: "Finding Funds for Fun: SUU Honors You"

Stacey Sinclair (Director, Weber Honors College), San Diego State University: "Making Honors Hip: Systematic Integration of High Impact Practices (HIP) into the Honors Curriculum"

Maria Rojas, Sarah Grulikowski, & Hannah Howard, Southern Oregon University: "From Learners to Leaders: How SOU Honors College Students Take the Lead"

Caitlin Diefendorf, Southern Oregon University: "Take the Lead: Service Learning Projects in Honors Programs"

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Second Session: 9-9:50am

Panel #1 (Research): NAH 337

Moderator: Elizabeth Mans, MSU Bozeman

Sarah Sissum, Southern Oregon University: "Angloromani: A Case Study in Language Decay and Cultural Discrimination"

Roberta Irvin, University of Montana: "The Rise and Fall of the Indian Boarding Schools"

Margaret Nation, Metropolitan State University of Denver: "Creating Culturally Appropriate Immigrant Healthcare Services Using Anthropology"

Panel #2 (Research): NAH 329

Moderator: Joaquin Monterrosa, MSU Bozeman

Brenna Angwin, GateWay Community College: "The History of Advertising and the Impact On You"

Zandria Michaud, University of Washington, Tacoma: "Selling Togetherness: Family Vacation Advertising"

Panel #3 (Research): NAH 321

Moderator: Matthew Thompson, MSU Bozeman

Amanda Christensen, University of Wyoming: "The Functional Role of Protein Citrullination in the Lactating Mouse Mammary Gland"

Owen Canterbury, Washington State University: "Novel Model for Blindness Generated Using Inducible CRISPR/Cas9 Genome Editing in Zebrafish"

Panel #4 (High Energy, Low Time): NAH 153

Moderator: Emily Dardis, MSU Bozeman

Amanda Vigil, Central Arizona College: "Media's Effect on Female Body Image"

Daniel Heithoff, Idaho State University: "Live Your Life Without Limit"

Kasey Kingsley, Scottsdale Community College: "A Grandin Idea"

Panel #5 (High Energy, Low Time): NAH 137

Moderator: Cameron Blegen, MSU Bozeman

Christian Prather, Red Rocks Community College: "Development of Deployable Crypto-Currency for Micro Communities"

Krishna Oung, Metropolitan State University of Denver: "Project Management: Business Methods Made Easy"

Jake Ogo, Central Arizona College: "The Effects of Space Exploration: As Above, So Below"

Cameron Blegen, Montana State University: "Viability of Personal Recording Device Recordings in Gunshot Acoustic Forensic Analysis"

Panel #6 (Creative Exhibition): NAH 165—THE POWER OF TECHNOLOGY

Moderators: Dr. Logan Schultz & Emma Sundeen, MSU Bozeman

Alyssa Aragon & Hyunju Blemel, The University of New Mexico: "What Makes An Engaging Honors Newsletter"

Alyssa Aragon & Hyunju Blemel, The University of New Mexico: "Marketing Your Honors Program: Designing an Honors Newsletter Using Adobe InDesign"

Billy Clouse, Southern Utah University: "URCA: Publishing Undergraduate Excellence"

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Third Session: 10-10:50am

Panel #1 (Research): NAH 337

Moderator: Sheridan Johnson, MSU Bozeman

Caitlyn Keeve, Mount Saint Mary's University, Los Angeles: "Discovery, Strategic Retention, and Social Support: A Comparative Case Study of Women Pilots in United States and Indian Aviation"

Hannah Telling & Madison Minter, Montana State University, Bozeman: "Stripping Layers: Performance, Exotic Dance, and the West"

Xena Peña, Mount Saint Mary's University, Los Angeles: "The Latin American Perspective: Machismo in Rape Culture"

Panel #2 (Research): NAH 329

Moderator: Bailey Servais, MSU Bozeman

Jessica Mancuso, Southern Utah University: "Comparative Advantage Recycling in South America"

Emily Wood, University of Wyoming: "Voluntourism Uncovered: Creating a Standard for Meaningful Work"

Kim Andersen, Washington State University: "Honors Internationalization at Washington State University: Perspectives and Assessment"

Panel #3 (Research): NAH 325

Moderator: Matthew Thompson, MSU Bozeman

Courtney Klappenbach, Washington State University: "Campylobacter Jejuni Drives Structural Changes in Host Cell Focal Adhesions"

Tylee Trevizo, Southern Utah University: "Lethal White Overo Syndrome: Cause and Prevention"

Kaylee Mackenzie, Metropolitan State University of Denver: "Using a Two-port Olfactometer to Determine the Ideal Attractants for Aedes albopictus and Aedes aegypti Mosquito Species"

Panel #4 (Research): NAH 321

Moderator: Natalie Sturm, MSU Bozeman

Alice Cassel, University of Idaho: "Defining the Mid Locus in Mycobacterium Smegmatis via Distributive Conjugal Transer"

Brooke Kern, University of Montana: "The Genetic Basis of a Flower Color Polymorphism in Mimulus Bicolor (Yellow-and-White-Monkeyflower)"

Kenya Nicole Gates, Red Rocks Community College: "Investigating the Community Differences of Fungal Endophytes in Insect-affected and Non-affected Conifers"

Panel #5 (High Energy, Low Time): NAH 137

Moderator: Jonathan Cox, MSU Bozeman

Wyatt Hinkle & Catherine Gable, Colorado School of Mines: "Addressing Student Reality: The Effects of Campus Culture on Impostor Syndrome and Mental Health"

Noah Hill, University of Montana: "What Do You Want To Be When You Grow Up?"

Zoe Barley, Chapman University: "The Importance of Outdoor Education in Creating Happy Children and a Successful Society"

Billy Clouse, Southern Utah University: "Thunderground: Turning a Crazy Idea into a Reality"

Panel #6 (High Energy, Low Time): NAH 153

Moderator: Mitchell Faris, MSU Bozeman

Kenni Littlefield, Utah Valley University: "The Way and Virtue of Language"

Emily Engen, University of Montana Western: "Creating Lifelong Readers: Guiding Students to Overcome Teenage Reading Resistance"

Joshua Sheen, Utah Valley University: "When Music Marches to War"

Matthew Herrin, University of Montana Western: "Glass Working and You"

Panel #7 (Creative Exhibition): NAH 165

Moderators: Dr. Logan Schultz and Emma Sundeen, MSU Bozeman

Lauren Larson, University of Montana: "Voice: A Graphic Novel"

Carolyn Davio, Chapman University: "The Positive Influence of Mindfulness"

Panel #8 (Faculty Round Table): NAH 331 (The Nest)

Dr. Prakash Chenjeri, Southern Oregon University: "Integrating Civic Virtues in Honors Curriculum: Science, Democracy, and Citizenship"

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Fourth Session: 11-11:50pm

Panel #1 (Research): NAH 337

Moderator: Rebecca Rebrovich, MSU Bozeman

Derrick Espadas, University of Arizona: "The Nontraditional Undergraduate: Identity, Motivation, and Acceptance"

Caleb Paulson, Southern Utah University: "Ideals of Leadership in Higher Education"

Breanna Herrera, Mount Saint Mary's University, Los Angeles: "The Influence of Teenage Pregnancy on Latina Mothers in Pursuit of Higher Education"

Panel #2 (Research): NAH 329

Moderator: Dr. Ben Leubner, MSU Bozeman

Andrew Smith, Metropolitan State University of Denver: "Our Strategic Ally in the South: A Quantitative Analysis of the U.S./Argentine Relationship since 1983"

Alexander Ballard & Kina Wong, Chapman University: "Kennedy versus Krushchev: The Battle for Cold War Supremacy in Africa"

Kylie Miller, Chapman University: "Globalism and Right-Wing Populism: A Study of Reactions to Globalization, and the Conflicting Definitions of Sovereignty on which Each Reaction Relies"

Panel #3 (Research): NAH 325

Moderator: Joaquin Monterrosa, MSU Bozeman

Jay Stancliff, Montana State University: "The Nature of Freedom: An Analysis of the Anarchist Response to Malthusian Natural Selection"

Dhanak Kainaat, GateWay Community College: "The Future is Female: Devastating Truth, Scientifically Proven"

Natalya Usachenko, University of Idaho: "Analysis of Glauconized Gastropod Fossils from the Early Carboniferous"

Panel #4 (Research): NAH 321

Moderator: Elliott Pryor, MSU Bozeman

Peter Kuetzing, California State Polytechnic University, Pomona: "Quantitative Model of PLG 10-90 to Simulate Mechanical Responses for Anterior Cruciate Ligament Reconstructive Innovation"

Jenny Chen, University of California, Davis: "New Anticancer Therapeutic? Hexamethylene Amiloride (HMA)"

Panel #5 (Research): NAH 153

Moderator: Cameron Blegen, MSU Bozeman

Brenna Peever, University of Idaho: "Connecting the Dots: A Combinatorial Geometry Problem"

Manisha Jaiswal, Red Rocks Community College: "Modeling Probability of Simulated Mouse Movements in a Maze"

Panel #6 (High Energy, Low Time): NAH 165

Moderator: Elizabeth Mans, MSU Bozeman

Madeleine Coles, Idaho State University: "Janet Malcolm and the Paradox of Ethical Journalism"

Miles Maxcer, Montana State University: "Passionate Storytelling Changes the World"

Shelby Lafrinere, Metropolitan State University of Denver: "H.I.P. H.O.P.—Healing Interpersonally, Healing Our Planet"

Grace McKenney & Rebecca Dickson, University of Washington, Tacoma: "An Analysis of Environmentally Conscious Decision Making and Policy in Washington State"

Panel #7 (High Energy, Low Time): NAH 137

Moderator: Madison Tandberg, MSU Bozeman

Theresa Leo, University of Washington: "The Trauma and Neglect of International Children in America"

Emily Flores, Dixie State University: "'Los Doyers': Our Boys in Blue"

Zaira Alejandra Rojas Navarro, University of Washington: "¿Por qué no los dos?"

Panel #8 (Faculty Round Table): NAH 331 (The Nest)

Dr. Amaris Ketcham, University of New Mexico: "Courting Creativity"

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12pm: Lunch

Poster Presentations: 12:30pm-2:30pm, Inspiration Hall

(see below for full list of poster presentations)

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Fifth Session: 1-1:50pm

Panel #1 (Research): NAH 337

Moderator: Mitchell Faris, MSU Bozeman

Joseph Effingham, Idaho State University: "Got Bone? Building Networks Between Forensic Anthropology and Law Enforcement in Rural Intermountain West, Idaho"

Angelica Necor, Mount Saint Mary's University, Los Angeles: "Psychopathy: Should Serial Killers Live Among Us"

Madeline Gines, Southern Utah University: "As the Smoke Clears: Using a Social Justice Lens to Lead a Tobacco-Free Campus Initiative"

Panel #2 (Research): NAH 329

Moderator: Sheridan Johnson, MSU Bozeman

Kayla Parnin, Idaho State University: "Shattered Peace: International Media Portrayal of the 2017 Icelandic Murder of Birna Brjansdottir"

Dalton Rupp, Metropolitan State University of Denver: "The Glass Curtain: Privacy Policy in the Age of Social Media"

Taylor Topham, Brigham Young University: "'Rescued by the State': Peter Parley's Annual and the 1862 Revised Code of Education"

Panel #3 (Research): NAH 325

Moderator: Matthew Thompson, MSU Bozeman

Will Rogers, Montana State University, Bozeman: "Host Niche, Social Organization, and Phylogeny as Possible Determinants of Microbiome Structure"

Michaela Laughlin, Central Arizona College: "Vulture Culture: Foraging Habits of the Turkey Vulture"

Lindsey Popken, University of California, Davis: "Cuddle Party! The Use of Narratives by Pacific Coast Animal Sanctuaries to Further Sea Otter Conservation"

Panel #4 (Research): NAH 321

Moderator: Emily Dardis, MSU Bozeman

Hannah Haddadi, Metropolitan State University of Denver: "Why Art Therapy Should Be More Accessible to Children, Teens, and Adolescents"

Linda Boquilla, GateWay Community College: "The Nursing Assistant's Role in PTSD Treatment"

Stacie Barbarick, Red Rocks Community College: "Did you hear that? A Study in Acoustic Diffuser Design."

Panel #5 (Research): NAH 153

Moderator: Elliott Pryor, MSU Bozeman

Tyler Topham, University of Nevada, Las Vegas: "Temperature Feedback Using the Fission Matrix for a TRIGA Reactor"

Jet F. Pruett, Metropolitan State University of Denver: "The Forgotten Future of Thorium"

Brenden Pelkie, Montana State University, Bozeman: "Analysis of Rayleigh-Benard Convection with Magnetic Resonance Imaging"

Panel #6 (Research): NAH 137

Moderator: Joaquin Monterrosa, MSU Bozeman

Jay Melzer, Cochise College: "A Brief Cultural History of Utopian Shol"

Quinton Willis, Cochise College: "Urbis Tor: A Utopia on a Hill"

Panel #7 (High Energy, Low Time): NAH 165

Moderator: Dr. Logan Schultz, MSU Bozeman

Josh Hillis, Metropolitan State University of Denver: "Counterintuitive Tools for Reducing Emotional Eating Frequency"

Trevin Crider, Scottsdale Community College: "Supplement Your Life"

Kyleigh Tyler, Utah State University: "Germ Cell-Depleted Ovaries Improve Metabolic Health in the Post-Reproductive Mouse Model"

Francesca Crocker, University of Washington, Tacoma: "Art and the Atom Bomb: Media in the Nuclear Era"

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Sixth Session: 2-2:50pm

Panel #1 (Research): NAH 337

Moderator: Rebecca Rebrovich, MSU Bozeman

McKenna Beam, Metropolitan State University of Denver: "Literacy Practices Comparison: Bridging the Gap Between Literacy Practices Used in the Elementary Classroom and the Practices that Teachers Value"

Julissa Loza Mendez: California State Polytechnic University, Pomona: "Spanish Heritage Language Processing: Using Rosetta Stone to Impact Heritage Spanish"

Samantha De La O, Mount Saint Mary's University, Los Angeles: "Depression Among First Generation Latino Students Seeking Higher Education"

Panel #2 (Research): NAH 329

Moderator: Madison Tandberg, MSU Bozeman

Liam Price, Metropolitan State University of Denver: "Frequency of Gestures in American Political Speech"

Nathan Roundy, Utah Valley University: "Gays for Trump: Understanding Gay Conservatism"

Abigail Dunn, University of Idaho: "Formal and Content-Based Critiques of Authority: A Narratological Post-Colonial Reading of Chimamanda Ngozi Adichie's *Half of a Yellow Sun*"

Panel #3 (Research): NAH 325

Moderator: Natalie Sturm, MSU Bozeman

Kathryn Hilburn, Montana State University, Bozeman: "Supporting Local Montana Food Producers with Student Research"

Viral Shukla, Connie Chin, Matthew Jordan, Dr. Olive Yao li, & Dr. Gabriel Davidov-Pardo, California State Polytechnic University, Pomona: "Development of High Protein, Gluten-Free Pasta Using Pulse Flour Fractions"

Sarah Caballero & Dr. Gabriel Davidov-Pardo, California State Polytechnic University, Pomona: "Use of a Common Browning Reaction in Food to Stabilize Emulsions in Acidic Conditions"

Panel #4 (Research): NAH 321

Moderator: Elizabeth Mans, MSU Bozeman

Mallory Maas, GateWay Community College: "Are You ACTUALLY Doing Well?"

Vanessa Hernandez, Mount Saint Mary's University, Los Angeles: "Social Isolation: Elderly Latina Women"

Jacquelynn Windeshausen, Southern Oregon University: "The Effects of Early Childhood on Long Term Academic Success"

Panel #5 (Research): NAH 153

Moderator: Bailey Servais, MSU Bozeman

Nathan Sharp, Southern Utah University: "The Diet for Your Eyes"

Rebecca Dickson, University of Washington, Tacoma: "A Culminating Crisis: A Study of Chagas Disease in Bolivia"

Jayden Riedel, Central Arizona College: "An Unexpected Solution"

Panel #6 (Research): NAH 165

Moderator: Elliott Pryor, MSU Bozeman

Samuel Myers, University of Idaho: "Constraining Theories of Planetary Formation of Evolution"

Kaitlynn Skinner, Metropolitan State University of Denver: "Conversion and Utilization of Abundant CO2 and Various Martian Natural Resources for Energy Production for in situ Research and Short-Term Habitation"

Matthew Self, University of California, Davis: "Breaking Degeneracies in Weak Lensing 2.0"

Panel #7 (Research): NAH 137

Moderator: Dr. Ben Leubner, MSU Bozeman

Sam Lund-Brown, Metropolitan State University of Denver: "The Power of the Voice: Teaching Opera in High School"

William O'Connor, Washington State University: "Tolstoy's 'What is Art': The Social Utility of Promoting Universal Art"

Panel #8 (Student Round Table): NAH 331 (The Nest)

Nicholas Barnes & Reilly Nycum: "Turning Learners Into Leaders: The Democracy Project at Southern Oregon University"

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Creative Exhibition: 3:15pm-4:45pm, Inspiration Hall

Moderators: Dr. Logan Schultz & Emma Sundeen

Part One: A MINDFUL STRUGGLE

Alannah Gee, University of Wyoming: "Stolen Words"

Jasmine Magana, Dixie State University: "The Celebration of Heartache"

Part Two: MSU Honors Performances

Rhapsody: A Capella Student Group

Tippet Rise Honors Musicale: Music and Spoken Word

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Conference Social Hour: 4:30-5:30pm

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5:30pm-6:30pm: Dinner, NAH 2nd and 3rd Floors

7pm: Keynote Address, Inspiration Hall: Dan Wenk, former Superintendent of Yellowstone Park (Introduced by Dean Ilse-Mari Lee, MSU Honors College)

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Sunday, March 31st

WRHC Business Meeting, 9am, Museum of the Rockies

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AN IMPORTANT REMINDER TO ALL CONFERENCE ATTENDEES AND PRESENTERS: PLEASE BE RESPECTFUL OF NORM ASBJORNSON HALL IN PARTICULAR AND THE MSU CAMPUS IN GENERAL; USE THE APPROPRIATE BINS WHEN DISPOSING OF WASTE AND RECYCLABLES. IF YOU HAVE ANY QUESTIONS THROUGHOUT THE COURSE OF THE CONFERENCE, LOOK FOR SOMEONE IN A CONFERENCE VEST: WE'RE HERE TO HELP YOU IN WHATEVER WAY WE CAN.

AN IMPORTANT REMINDER TO ALL PRESENTERS: RESEARCH PRESENTERS, PLEASE BE SURE THAT YOUR PRESENTATIONS DO NOT EXCEED 15 MINUTES. HIGH ENERGY/LOW TIME PRESENTERS, PLEASE BE SURE THAT YOUR PRESENTATIONS DO NOT EXCEED 10 MINUTES. BECAUSE THE WRHC CONFERENCE IS LIMITED TO ONE FULL DAY OF PRESENTATIONS, IT'S A VERY BUSY DAY—HELP US STAY ON SCHEDULE!!

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2019 WRHC Conference Poster Presentations

Marina Alvarado, Cal Poly Pomona: "Lymphotactin Expression and Its Protective Role in West Nile Virus"

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Bekah Anderson, MSU Bozeman: "Characterization of Microplastics in Precipitation"

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Alexis Bahn, MSU Bozeman: "An Exploratory Analysis on the Effects of The Young Writer's Program; a Mixed Methods Study"

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Raven Barbera, UC Davis: "Physiological and Behavioral Responses of Diploid (8N) and Triploid (12N) White Sturgeon, *Acipenser transmontanus*, to Hypoxia"

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Tyler Barton, Tabitha Long, Lisa Petot, Cody Fackrell & Cameron John, Utah Valley University: "Influence of Online Comments on One's Perception of a Culturally-Based News Article"

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Thomas Bisom, University of Montana: "Behavioral Impacts of Octopamine Release on a Global vs. Local Scale"

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Abbey Bowser, Cochise College: "The Influence of Cattle Grazing on Wildlife Activity Along the Arizona-Mexico Border"

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Brittney Bringuez, Chapman University: "A 53-Year War: Foreign Influence and Prioritization of Life and Peace in Colombia, South America"

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Natalie Brown & Hayley Nelson, Chapman University: "οἶκος and the Economy"

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Jacqueline van Bronkhorst, Chapman University: "Harry Potter in the Age of Trump"

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Alice Cassel, University of Idaho: "Morphometric analysis of floral characteristics associated with shifts to wind pollination in meadow-rues (*Thalictrum*, Ranunculaceae): comparing herbarium specimens to fresh specimens"

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Carla Castillo, Cal Poly Pomona: "Towards Multilingual Search – Gathering Multilingual Query Logs using Crowdsourcing"

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Soumilee Chaudhuri, MSU Bozeman: "Researching Writing Center Tutoring Practices to Aid STEM Writers"

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Emily Kate Chojnacky, Idaho State: "Void Space and Overall Alteration"

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Lauren Clark, University of Montana: "The Domestication of the Cochineal"

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Melissa Coyle, Chapman University: "Simultaneous Targeting of mTOR and mLST8 in Human Breast Cancer Cells"

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Justin Lanz Tabay Cortez, Cal Poly Pomona: "Expanding the Chemist's Toolbox for Synthesis of Pharmaceuticals via Nickel-catalyzed Decarbonylation"

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Dani Daley, MSU Bozeman: "MSU Student Perceptions of Pay Equity"

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Ren Dimico, University of Idaho: “Enhancing Student Learning, Understanding, and Retention in a CURE Laboratory”

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Olivia Cruickshank Duquin, MSU Bozeman: “Mesoamerican Nephropathy and Increased Heat Exposure Among Nicaraguan Sugarcane Workers”

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Henry Fessler, MSU Bozeman: “Context Directed Sorting: Robustness and Complexity”

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Jennifer Frazee, UNLV: “Exploring the Unknown: LEAS of Fibromyalgia”

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Sarah Gallup & Aurora Krebs, MSU Billings: “Studying Codon Bias and Kidney Dysfunction in a Mouse Model for Familial Dysautonomia”

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Emily Gelbart, UNLV: “Evaluating Long-term Change in Soil Seed Banks, Fertile Islands, and Rare Plant Communities in the Eastern Mojave Desert”

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Samantha Haines & Sabrina Bishop, University of Alaska Fairbanks: “DNA Repair in Virally Infected Cells”

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Nora Hendricks, University of Portland: “Examining the Effect of Maternal Obesity on Vitamin D Metabolism in the Placenta”

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Beth Hoots, University of Idaho: “Ecology of Ponds in the Southern Andes of Ecuador Across an Urban-Rural Gradient”

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Miglena Ivanova, MSU Billings: “What Does Google Trends Tell Us About Psychological Disorders?” & “Gender Stereotypes: Do People Still See Certain Behavioral Traits as More Masculine or More Feminine?”

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Emma Jones, Fort Lewis College: “As Good as STEM: An Argument to Maintain Higher Education Art Programs”

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Ellen Kershnik & Danielle Watson-Bowers, Utah Valley University: “Stories that Must Be Shared: A Collaborative Approach to Understanding the After-effects of Rape”

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Grant Klug, MSU Bozeman: “Purification and Characterization of Antibodies and Immunoconjugates Against HIV”

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Rudi Lien, MSU Bozeman: “Mechanisms of Microbially Mediated Dolomite Formation in the Great Salt Lake”

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Kathryn Minzner, Chapman University: “The Alcatraz Effect: Prison Tourism and Its Effect on the American Penal System”

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Priya Mistry, Chapman University: “Modulation of ocular epithelial cell mucins expression by proinflammatory cytokines”

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Shelby Moss, Utah Valley University: “Service Learning in a Macro Social Work Context - Annual Alternative Prom”

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Ines Murekatete, Utah Valley University: "College Education for Refugee Students: Barriers to Success at Utah Valley University"
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Jonathan Napier, University of Alaska Fairbanks: "Niche Overlap of Polar Bears and Brown Bears in Coastal Arctic Alaska"
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Irene Ngo & Jaylen Davis, Cal Poly Pomona: "Arabian Horse Foal Information as a Bioassay for Environmental and Husbandry Changes"
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Gavin O'Boyle, MSU Bozeman: "Identification of Enzymes Capable of Catabolizing PET"
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Tristan O'Donoghue, University of Alaska Fairbanks: "DNA Repair Dynamics in Colon Adenocarcinoma Cell Lines"
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McKenzie Peay, Utah Valley University: "Medical Direction in Respiratory Care"
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Garrett Peters, MSU Bozeman: "Metabolic Fitness Allows Escherichia coli to Reside in the Human Gut"
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Sophia J. Quinton, UNLV: "The Correlation of L1HS Expression Levels with Mitochondrial Gene Expression Levels"
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Thitiya Saenmai, Metropolitan State University of Denver: "The Oxygenated Additives in Biodiesel: Production of Fuel from Canola Oil"
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Sankalp Sinha, UC Davis: "A Machine Learning Classifier to Accurately Predict the Incidence of Type 2 Diabetes"
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Barbra Sobhani, Melanie Brandt, & Meredith Hibit, Red Rocks Community College: "Experiential Learning in Costa Rica: A Tale of Two Honors Programs"
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Caroline Stahl, Danae Filpula Ankney, & Maddie Quinn, MSU Bozeman: "Hyperobjects"
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Madison Thibado, University of Portland: "Invasive Species Management Through Automated Removal Coordination"
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Benjamin Trudgeon, MSU Bozeman: "Classification and Application of Biosurfactants Produced by Polar Microbes"
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Mikayla Wood, MSU Bozeman: "Investigation of Heat Transfer in Microfluidic Devices for PCR Reactions"
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Kaitlin Yap, University of Portland: "Health Perceptions of Adults Living in a Transitional Housing Setting"
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Alyssa Yocky, Fort Lewis College: "The Rhetoric of Propaganda: American War Posters of World War I"