Session 1: 9:00-9:50am

- 1. **Workshop 1:** "Davidson Honors College- Honors Pathways Project," Bethany Applegate (University of Montana) Honors College Room 1040
- 2. Workshop 2: "Write Yourself: Mastering Artist Statements and Author Bios," Nell Johnson (University of New Mexico), John Scott (University of New Mexico), Drew Sowers (University of New Mexico), and Ashley Apodaca (University of New Mexico) Honors College Room 1020
- **3.** Workshop 3: "Teaching for Action: Climate Change, Community, and Mental Health," Peter McDonough (University of Montana), Kennedy-Anne Marx (University of Montana) Honors College Room 1004
- 4. "Integrating Personal and Professional Development in the Honors Experience: The Student Perspective," Kylla Benes (University of Montana), Kaetlyn Cordingley (University of Montana), Amelia Hawes (University of Montana), Isabelle Melton (University of Montana), and Sandee Sepulveda (University of Montana) Collaborative Teaching & Learning Building Room 230
- 5. **Science I:** "Solving the Issue of Inefficiency for Multiple Faceted Variable Energy Systems," Gabriel Gurule (University of New Mexico); "Purification and Crystallization of BaiK for Structural and Mechanistic Studies," Carolina Mata (California State Polytechnic University, Pomona); and "A Walk through the Desert," Nadya Rued (Chapman University) Collaborative Teaching & Learning Building Room 210
- 6. **Human Rights:** "Attitudes Towards the Treatment of Prisoners," Aleece Hanson (California State University Long Beach); "Why Is It Taking So Long? Political Factors That Played into the Passing of Previous U.S. Immigration Reforms that Point the Way to Reform Today," Celeste Sanchez (California State University Long Beach); and "The Design Process: Turning a Heavy Asphalt Parking Lot into a Green Urban Oasis," Victoria Trujillo (University of New Mexico) Collaborative Teaching & Learning Building Room 300
- 7. International Politics: "Hypersonics: A Non-Distant Regime," Zachary Curd (The United States Air Force Academy); "A Look at the Correlation between Voter Turnout, Inequality, and Education Spending," Kufre McIver (University of New Mexico); and "The United States Military's Role in Pakistan and India's Continually Strained Relationship in Political, Economic, and Social Engagements, Post War on Terror," Sophie Dinning (University of Nevada Reno) Collaborative Teaching & Learning Building Room 330
- 8. Social Justice I: "Eliminating Racial Disparities for Black Students in Higher Education," Julian Sorapuru (University of San Francisco); "The Oneida Community: The Making of Super Babies," Rolando Pineda (MiraCosta College) Collaborative Teaching & Learning Building Room 130
- Finance I: "Financial Literacy and Borrowing Behavior in Different Age Groups," Andrew Brands (California State Polytechnic, Pomona); and "Predatory Lending and Low-Income Latinx Communities," Jessica Valencia Alvarado (California State University Long Beach) Graduate School Management Room 128

Session 2: 10:00-10:50am

1. **Workshop 4**: "Women in Leadership: Emotional Intelligence in the Workplace," Lauren Odette (Central Washington University) - Honors College Room 1040

- 2. Workshop 5: "Student Leadership in Honors: Recruitment, Retention, Learning, and Community Building," Timothy Nichols (University of Montana), Isabelle Melton (University of Montana), Joshua Martelon (University of Montana), Kylie Crist (University of Montana), Ruby Loeffelholz (University of Montana), and Sarah Hibbard (University of Montana) Honors College Room 1020
- 3. "Bearing Witness: Honors Curriculum and the Voices of Incarcerated Youth," Erin Saldin (University of Montana), Lauren Collins (University of Colorado Boulder), Amelia Hawes (University of Montana), and Jorgia Hawthorne (University of Montana) Honors College Room 1004
- 4. "The Ins and Outs of Submitting to a Magazine with the *Scribendi* Staff," Abigail Campbell (University of New Mexico), Anna Abeyta (University of New Mexico), and Emma Ziegler (University of New Mexico) Collaborative Teaching & Learning Building Room 230
- "Feeding the Mind When the Body is Hungry," Dylan Justus (University of New Mexico), Elizabeth Dodson (University of New Mexico), and Kiana Frederick (University of New Mexico) - Collaborative Teaching & Learning Building Room 210
- 6. **Health and Healing:** "How Does that Make You Feel? A Correlational Study on Emotional Intelligence and Empathy," Alyssa Meier (Whitworth University); "Have Pandemic Working Conditions Impacted Essential Workers' Death Anxiety and Mental Health?" Jillian Munoz (California State Polytechnic University, Pomona); and "Tracing the Nonlinearity of Healing in *Open Water*," Anissah Madrid (Mt. San Antonio College) Collaborative Teaching & Learning Building Room 300
- 7. **Agriculture and Food:** "How to Leverage AI-based Computer Vision for Dietary Intake Assessment: How to Make Image Sourcing More Efficient?" Yue Jin (University of California Davis); "Factory Farms Contribution to Pollution and Solutions," Melina Vugrin (University of New Mexico); and "How to Prevent the Next Pandemic: The Controversial Weapon No One Wants to Talk About," Valerie Naing (Mt. San Antonio College) Collaborative Teaching & Learning Building Room 330
- 8. Environment and Language: "Creative Nonfiction in Conservation Messaging," Kate Valentine (Washington State University); "The Effect of State and Non-State Actors on Environmental Conflict Resolution Aislinn Matagulay (University of California, Davis); and "Ecoacoustics: Music and Environmental Activism," Sylvia Wood (University of Montana) Collaborative Teaching & Learning Building Room 130
- Art and Society I: "'Keening Underwater:' An Ecocritical Reframing of Ethical Considerations for Aquatic Organisms," Arwen Baxter (University of Montana); "Film as a Weapon: How Latin American Filmmakers Used Movies as a Political Tool," Dylan Haworth (University of New Mexico); and "Magic, Mythology, and Meditation: W.B. Yeats' Symbolic Vision of Ireland," Kristen Chastain (University of California Irvine) Graduate School Management Room 128

Session 3: 11:00-11:50am

1. **Workshop 6:** "Crafting Personal Statements for Scholarships," Kylla Benes (University of Montana), Julye Bidmed (University of Montana), Daniel Villanueva (University of Montana), and John Orr (University of Montana) - **Honors College Room 1040**

- 2. Workshop 7: "Re-Envisioning the Future: How Can the Academy Mitigate Climate Change?" Megan Jacobs (University of New Mexico), Leslie Donovan (University of New Mexico), and Kineo Memmer (University of New Mexico) Honors College Room 1020
- 3. Workshop 8: "Honoring Creativity: Promoting Student Creative Works by Starting an Honors College Arts Magazine—A Roundtable," Maria Jerinic (University of Nevada Las Vegas), Tracy Fuentes (University of Nevada Las Vegas), and Vlada Stark (University of Nevada Las Vegas) Honors College Room 1004
- "Honors' Curriculum: A Logical Necessity," Prakash Chenjeri (Southern Oregon University), Chris Santos (Southern Oregon University), and Kaysa Pfannmuller (Southern Oregon University) Collaborative Teaching & Learning Building Room 230
- "Honors Living Learning Community: Developing A Unique Residential Experience for Honors Students" Julia Wynne (University of Montana), Joshua Martelon (University of Montana), and John Shupert (University of Montana) - CTLB 210
- 6. **Politics and International Studies:** "The Fundamental Goal of the Party in George Orwell's *1984*," Lucas Yantis (United States Air Force Academy); "Issues in Refugee Adaptation after Resettlement," Natasha Byrd (Utah Valley University); and "Activism and ARMY's: K-Pop as Political Engagement in Transnational Advocacy," Patricia Brigitte (Georgie) Suico (California State University Long Beach) CTLB 300
- 7. **Historical Analysis:** "Veiled Patriarchy: Vestal Priestesses as the Ideal Roman Woman," Ashley Burton (University of Portland); "The City of Heroes: The Image of Mariupol in Post-Maidan Ukraine," Daniil Tourashev (United States Air Force Academy); and "British Sailors of the 18th Century: Art on the Frontier of the Atlantic World," Alexander Runyan (University of Nevada Reno) CTLB 330
- 8. **Business:** "From Then to Now: Financial Planning & Ideas of Wealth," Mariah Ramirez (California State University Long Beach); "NEXT: An Acknowledgement of the Exotic and the Familiar," Sarah Pascarella (California State University Long Beach); and "Fintech Literacy, Community and Student Loans," Andee Gonzalez (California State University Long Beach) CTLB 130
- Health: "The Damaging intersectional Rhetoric between Abortion and Pregnancy Loss," Kiesa Keller (Utah Valley University); "Healthcare in the United States: A Disparity in Equitable Access," Spenser Golon (Scottsdale Community College); and "Mental Health is for You! Health and Wellness for Everyone" Samara Rangel (Southern Utah University) GSM 128
- **10. Honors Education I:** "Mindfulness, the Environment, and Creative Nonfiction Writing: A Multidisciplinary Intersection," Annie Lampman (Washington State University); and "The Pedagogy of James Baldwin: What Undergraduate Peer Educators Stand to Learn from Emancipatory Learning Processes, Arwen Baxter (University of Montana) **GSM 230**

Session 4: 1:30-2:20pm

1. **Workshop 9:** "Food and Housing Insecurity in Higher Education," Sarita Cargas (University of New Mexico), Marygold Walsh-Dilley (University of New Mexico), Kyla

- Fugate (University of New Mexico), and Kiana Frederick (University of New Mexico) HC 1040
- Workshop 10: "Electric Thread: The Future of Functional Fashion," Colleen McCullouch (Colorado School of Mines) - HC 1020
- 3. "From Student to Instructor: Creating and Presenting a Digital Literacies Course to Older Adults," Jacob Johnson (University of Nevada Reno), Amber Thaxton (University of Nevada Reno), and Alina Evans (University of Nevada Reno) HC 1004
- 4. "From Reflection to Action— Honors First Year Course," Timothy Nichols (University of Montana), Mattie Budine (University of Montana), Daazhraii Alexander (University of Montana), Sophia Boughey (University of Montana), Kylie Crist (University of Montana), Judah Garcia (University of Montana), Sarah Hibbard (University of Montana), Kevin Northey (University of Montana), and Hope Sampson (University of Montana) CTLB 230
- 5. **COVID-19 Studies:** "Investigation of the Peptide Binding Grove in Mutations of the Human Immunological Protein HLA-B27 and How That May Impact SARS CoV-2 Binding Interactions," Liesl Jensen (Metropolitan State University of Denver); and "The Impact of Inequitable Distribution of Ventilators for COVID-19 Treatment on Non-White Population within the U.S.," Jennifer Kepler (University of Portland), and "Higher Education Response to Challenges during the COVID-19 Pandemic," Luke Byram (University of Washington Tacoma) CTLB 210
- 6. **Political History:** "A Brief History of Graphs," Nishaad Trivedi (Chapman University); "Abolishing the Monarchy in Fantasy Fiction," Vikram Branch (Chapman University) CTLB 300
- 7. Medical Science: "The Role of GM1 Gangliosides on Dendritic Growth Regulation in Sympathetic Neurons," Joshua Galla (Saint Mary's College of California); "Exploring How Topical Intracellular Phosphodiesterase Inhibitors Can Impact Immune-Mediated Inflammatory Skin Diseases," Margaret DiRuggiero (United States Air Force Academy); and "Pyllelic: A Software Suite for Examining Allelic DNA CpG Methylation Patterns in Genomic Datasets," Dylan Poch (Metropolitan State University of Denver) CTLB 330
- 8. College Experience: "Mentorship in Creative Writing Programs: Helping Students Find Their Genre," Callie King-Stevens (Southern Utah University); "Analyzing How Practical Are the Writing Tutoring Sessions in ESL Students," Jessica Ducuara (Salt Lake Community College); and "Being Visible in Vital," Alexandra Hutchinson (Southern Utah University) CTLB 130
- Social Justice II: "Perceptions of Gender and Racial Equity in the University of Montana Athletics," Beatrix Frissell (University of Montana); "Thoughts of a Teenager: A Collection of Poetry about the Contemporary Teenage Experience," Madison Kleinrock-Andrews (University of Nevada Las Vegas); and "Witness Preparation for the Female Rape Victim," Cassie Gibbs (Metropolitan State University of Denver) GSM 128
- **10. Honors Education II:** "Better Access, Improved Transfer: Evolving a Community College Honors Program," Chris Prentice (Central New Mexico Community College); and "Amplifying Honors Education with ePortfolio," Kathy Tran-Peters (Salt Lake Community College), Michael Young (Salt Lake Community College) **GSM 230**

Session 5: 2:30-3:20pm

- Workshop 11: "Wicked Stories: Empathy Exhibitions," Jennifer Kinch (Colorado School of Mines), Kayla Long (Colorado School of Mines), and Michael Hallinan (Colorado School of Mines) - HC 1040
- 2. **Workshop 12:** "Presenting Culture Shock in Refugee Populations," Kiera O'Hara-Heinz (St. Mary's College of California) HC 1020
- 3. "Cramming Interdisciplinarity into Seven Weeks: Lessons Learned from UA Honors Catalyst Seminar," Claire McLane (University of Arizona), and Jennie McStotts (University of Arizona) HC 1004
- 4. Science II: "Clustering Techniques in the Hadronic High Mass Pair Search," Dariush Imani (University of California Davis); "Searching for Life Below the Ice: The Fate of Organic Compounds in Ocean Worlds," Jack Diab (Southern Oregon University); and "Nanoparticles: Potential Future of Cancer Treatment and Diagnosis," Diana Gonzalez (Mt. San Antonio College) CTLB 230
- 5. **Social Issues:** "Expanding the Awareness of and Evaluating the Prevalence of Adverse Childhood Experiences in the Sikh Community," Harjeet Mann (University of California Davis); "Culture, Health, and Clean Water: An Exploratory Study into Waterborne Diseases in the Philippines," Leticia Lourdes Yutuc (Southern Utah University); and "Impacts and Treatment of Historical Trauma," Jolie Martin (Utah Valley University) CTLB 210
- **6. Social Media:** "Language in the Social Cybersphere," Dakota Brown (University of Idaho); and "We Live in a Society: Meme, Irony, and Postmodernism," Francis Packard (University of New Mexico) CTLB 300
- 7. Culture in Society: "Misrepresentation of Native Americans in Media," Jeanette DeDios (University of New Mexico); "Between the Church and State: A Brief Examination of Rule, Identity, and Development in Mexico," Hugo Peralta Ramirez (MiraCosta College); and "The True Essence of Vanitas Art," Lucas Yantis (United States Air Force Academy) CTLB 330
- 8. **Social Justice III:** "We Got Us: An Institutional Ethnography of Community Centered Collaboration in Albuquerque Grassroots Justice Movements," Monserat Rodriguez-Rico (University of New Mexico); "Access Matters: Disability in the Outdoors," Eleanor Jeffers (Whitworth University); and "The Role of Disability Cultural Centers in Creating a Supportive and Transformational Experience for Students with Disabilities," Zane Landin (California State Polytechnic University, Pomona) **CTLB 130**
- Education: "Paid Internships for Biology Students: A Growing Need," Sarah Forsberg (Southern Utah University); and "Experienced Educators' Reflection on Mathematics Teaching and Learning," Allison Kim (California State University Long Beach) GSM 128
- 10. **Religion and Culture:** "Religion and Recreational Pole Dancing," Anya Smith (University of Montana); "'To Fear Our Tears or to Suppress Our Anger': How the American Evangelical Church Contributes to the Loss of Identity in Chicanas," Christy Frederick (University of New Mexico); and "Aztlán Ahora," Ailin Gallart Martin (University of New Mexico) GSM 230

- Workshop 13: "Art of Inquiry: Practices in an Honors Research Methods and Ethics Course," Holly Riley (University of Montana); Lauren Collins (University of Colorado, Boulder), Anya Smith (University of Montana), and Beatrix Frissell (University of Montana) - HC 1040
- 2. **Workshop 14:** "Everyone Needs a Mentor: An Open Discussion of the Mentorship Program Design with the Pathmaker Program," Matthew Goldman (University of New Mexico), Ryla Cantergiani (University of New Mexico), Katie James (University of New Mexico), and Julia Flores (University of New Mexico) HC 1020
- 3. "'Diversify the Honors College. Now What?': Equitable Inclusion and Indigeneity in the Honors College at SOU," Cherstin Lyon (Southern Oregon University), Warren Hedges (Southern Oregon University), Tasi Pereira (Southern Oregon University), and Tiana Gilliland (Southern Oregon University) HC 1004
- **4.** "COVID-19's Impact on University of Montana Students," Trinity Holden (University of Montana), Sebastian Driver (University of Montana), and Sandee Sepulveda (University of Montana) CTLB 230
- 5. "Food Insecurity Among College Students: Honors Student Projects," Veronica Montoya (University of New Mexico), Amiah Dutra (University of New Mexico), and Julio Chavez (University of New Mexico) CTLB 210
- 6. Clinical Studies: "Significance of the Translation Initiation Machinery Recruiting Structures in the Blackcurrant Reversion Virus RNA 1," Julie Lee (Metropolitan State University of Denver); "Meeting of the Minds: Discovering Spatial Structuring of Brain through Mathematical Biology," Clare Spinner (University of Portland); and "Clinically Relevant SMAC Mimetics Do Not Enhance Human T Cell Proliferation or Cytokine Production," Ashley Burton (University of Portland) CTLB 300
- 7. **Climate Change:** "Sol Technology," Pamela Trujillo (California State University Northridge); "Trypanosoma Cruzi in the Face of Climate Change: Current and Future Directions for Treatment and Research," Zoe Kellermyer (University of Portland); and "Collective Environmentalism," Diana Chinenkova (University of New Mexico) CTLB 330
- 8. **Identity:** "Perceptions of Okinawan Self-Identity as Shaped through War and Continued Military Occupation," Jeffrey Sapp (Metropolitan State University of Denver); "Constructing Complex Identities as Chinese Adoptees," Kelli Nakamura (California State University, Long Beach); and "The Shape of Consciousness: Eastern Mysticism, Modern Physics, and Existential Pragmatism," Michael Guynn (Dixie State University) CTLB 130
- Art and Society II: "The Politics of Superman," Andrew Schumann (University of New Mexico); "Resonance of Opportunity: An Exploration of *El Norte* (1983)," Raina Harper (University of New Mexico); and "What Does a Woman See When She Walks through a Museum?" Natalie Rovello (University of New Mexico) GSM 128

Poster A: 11:00-11:50am – Jackson Student Center

1. Jared Gomez

"Barriers to Access Affirming Care for Transgender and Gender Non-Conforming People of Color; A Snapshot of Inequity and Oppression."

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2. Elisabeth	Sheber	Search by Sign: An ASL to English Language Dictionary App
3. Melina	Liedtke	Genetic Monitoring for the Endangered Sonoran
4. Louise	Holland	Pronghorn (Antilocapra americana sonoriensis) Awareness and Communication of On-Campus Mental Health Resources: A Comparison Study of Fort Lewis' Counseling Center
5. Amaya Kennedy	Holliday Gleim	Restorative Justice and Sexual Misconduct
6. Cassidy	Goering	Academic Integrity in the Digital Age: A Restorative
Connor	Alcorn	Justice Model at Fort Lewis College
7. Jess	Dorn	A Restorative Justice Approach to Academic Disqualification
8. Austin	Quintero	"When You Wish Upon a Star": The Magic of Stars in Disney Films
9. Felicia	Song	Simultaneous Comparison of Intraoperative Brain Function Monitoring: Sedline and BIS on Depth of Sedation
10. Stephen	Fawcett	Characterization of Novel Cell Lines
11. Noor	Naji	Marfey's Reagent to Derivative D-Alanylglycine in Plants for Quantification via HPLC-UV
12. Katie	Gilbertson	The Future of the Live Entertainment Tax in Southern Nevada
13. Manette	Perez	Being Pregnant in Systemic Oppression
14. Dorothy	Elder	Investigative Journalism: Examining an essential democratic guardrail
15. Jose	Hernandez- Romero	Screening of Magnetic Nanoparticles for Magnetic Hyperthermia Application by Finite Element Method
16. Justine Lauren	Constantino	The Role of Emotions in the Encoding and Retrieval of Memories
17. Maya	Shattuck	Effects of Δ9-Tetrahydrocannabinol on Embryonic Growth and Development
18. Christian	Aquino	The impact of teaching about patterns of human variation on nonbiology major students' views of human races
19. Hannah	Taylor	Community for Students, By Students
20. Jevahjire	France	Educational Equity for English Language Learners
		(ELLs)
21. Emma	Crowe	A Feminist Critique of J.M. Coetzee's Waiting for the Barbarians: How One Piece of 1980's Literature
22. Clara	Ehinger	Continues to Perpetuate Misogynistic Ideology Mobile and Remote Air Quality Sensing Technology for Sustainability
23. Emma	Ziegler	for Sustainability Who Were Freya and Frigg?

24. Bridgit	Lujan	Flamenco and Environmental Justice
25. Rachael	Buffett	Hacks: A Revolutionary Take on Feminist Comedy
26. Spenser	Willden	Housing Honors
27. Karel	Aceituno	Fmoc-amino Acid Inhibition of Butyrylcholinesterase
28. Peter	Grema	Nevada's Workforce Development Agenda and
		Community College Governance: A Comparative
		Analysis of the Mountain West

			Analysis of the Mountain West		
Poster B: 1:30-2:20pm – Jackson Student Center					
1.	Sela	Zakula	Economic Class Impact on Eating Disorder		
2	E4h o.e	Massa	Development Computer Alachus Sustanta		
	Ethan	Masse	Computer Algebra Systems		
3.	Brian	Rogers	Toward Complementary Metal Oxide Semiconductor (CMOS) based secure communication with low power chaos implementation		
4.	Amy	Norzagaray	The Physics of Blood Clots		
5.	Dhanush	Karthikeyan	Topology Driven Virality Detection in Malicious Cascades		
6.	Jonah	Lindsey	Fostering Student Engagement in Science and Discovery via the Western Harvester Ant (Pogonomyrmex occidentalis).		
7.	Maranda	Hernandez	Analysis of successful completion of endurance horses undergoing the Tevis Cup 160-km ride from 2005 to 2021		
8.	Adrianne	Dizon	COVID-19 Impact on Relational Intimacy and Relationship Satisfaction		
9.	Zoe	Walker	Diabetes Prevention Through Lifestyle Changes in African American Women		
	. Matteya	Proctor	Sleep Loss and Risk-Taking: An Integrative Review		
10	Caitlin	Ottaway	Sleep Loss and Risk-Taking: An Integrative Review Understanding Latinx Political Heterogeneity through the Lens of Linked Fate: The Contributing Effects of Country-of-Origin, Citizenship Status, and Political		
11	. Minerva	Melendrez	Partisanship Perceived Racial Discrimination, Black Lives Matter,		
12	. Olivia	Cheche	and Political Participation in 2020		
13	. Riley	Zemlicka	Picture Memory Study The Rise of Alternative Healing Methods in the United		
14	. Natalie	Teeter	States Assessment of Communication Effectiveness in		
15	. Emma	Phillips	Computer-Mediated Therapy vs. Face-to-Face Therapy		

16. Mackenzie	Zappe	Analysis and Prevention of Security Vulnerabilities in a Smart City Who cares, and why do they? Understanding a covert
17. Melita	Mehzabin	care force of relatives, friends, and neighbors providing child care in the USA Consensually Non-Monogamous Relationships:
18. Alexandra	Kraft	Shedding Light on Their Intriguing Benefits Utilizing CRISPR-Cas9 to determine the role of
19. Georgina	Oceguera	Thioredoxin in HIV-1 Nef mediated infectivity
20. Nathan	Pereira	Implicit Bias in UX Research Methodologies
		The Mirror Between Two Generations: From Equal
21. Eliza	Wenger	Rights to Starry Nights
		Post-Traumatic Growth: A Paradigm for Psychological
22. Emily	Taylor	Change
23. Justin	Pilgrim	Universal, Soft Scalable Actuator Module (USSAM) Air Quality Evaluation on I-210 Freeway Before-and- After Safer-at-Home Order during the COVID-19
24. Daniel	Romero	Pandemic
25. Shivani	Kapadia	Uner Tan Syndrome
	1	An Exploration of Personality, Subjective Well-being, and Behaviors in the Nomological Network of Trait
26. Paul	Didham	Boredom: A Meta-Analysis
		The Constellations of 1) Orion, 2) Taurus where in the
		Pleiades reside, 3) Boötes, 4) Ursa Major and the
27. April	Vihilidal	encoding of Celestial Events in the Odyssey by Homer
28. Syeda	Jamshed	Climbing the Social Ladder: Asian American Education
		and Social Mobility across the United States