

**PRELIMINARY PROGRAM 78th PLAINS ANTHROPOLOGICAL CONFERENCE  
(subject to change)**

Boulder, Colorado  
2021

**WEDNESDAY, November 10, 2021**

**Magic Mountain/DMNS tour:** buses load at 10:30

**Early Bird Party**  
**7:00 to 11:00**

**THURSDAY MORNING, November 11, 2021**

**Session 1, The Mall**

Symposium: *Recent Research at the Magic Mountain Site, Jefferson County, Colorado*  
Organizer and Moderator: Mark Mitchell, Paleocultural Research Group

- 8:40-9:00** Michele Koons: *The Magic Mountain Community Archaeology Project: History of Research, Collaborative Efforts, and Community Outreach*
- 9:00-9:20** Brianna Dalessandro: *The integration of ground-penetrating radar and magnetometry at the Magic Mountain site in Golden, Colorado*
- 9:20-9:40** Rolfe Mandel: *Geoarchaeology of Magic Mountain (5JF223): A Stratified Site on the Front Range of the Southern Rocky Mountains, North-Central Colorado*
- 9:40-10:00** Break
- 10:00-10:20** Mark Mitchell: *Chronology of Magic Mountain's Early Ceramic Occupation*
- 10:20-10:40** Chris Johnston and Mark Mitchell: *Chipped Stone Raw Material Utilization During the Early Ceramic at the Magic Mountain Site*

**Session 2, West End**

Poster Symposium: *Decades of Discovery: Archaeology and Camp Life at Hell Gap 1960 to 2021*  
Organizer: Brayden Wirick, University of Wyoming.

**9:00 to 11:00**

Elizabeth Lynch and Clare Bowen O'Connor: *Hell Gap National Historic Landmark VR Museum Data Management Plan*

Brayden Wirick: *Blood, Sweat, and Doodles: Hell Gap Map Graffiti in the 1960s*

Kimberly J. Sutherland: *Twisted: An Experimental Study in Yucca Cordage Making at the Hell Gap Site*

Erin Woolley: *Hell Gap '61 Revisited: An Ethnographic Analysis of Archival Images from the Hell Gap Excavations in the Early 1960s*

Clifford White, Falon Norford, Lee Olinger, Rachel Shimek, Mackenzie J. Cory, Brayden Wirick, Kim Sutherland, Shane P. McDonnell, L. F. Berg, Laurie Cale, Tony A. Fitzpatrick, Liana Flecker, Briana Houghton, Kenneth Humphrey, Matt T. Morris, Allison White, Marcel Kornfeld, Mary-Lou Larson: *Digging Deeper: Discoveries from the Hell Gap 2021 Field Season*

### **Session 3, East End**

Presentation and Conversation Hour: *Archaeology for a Changing Colorado*

Presenters / moderators: Matt Goebel and Holly Norton.

**9:00 to 10:45**

Conversation: Economic impacts and other benefits of archaeology.

### **Session 4, Settlers**

General Session: *Plains Archaeology, Recent*

Moderator: Amanda J. Butler

**8:40-9:00** Alanis Ramos Berrios, Leland Bement, Brandi Bethke, Scott Hammerstedt, and Jennifer Haney: *Just Getting There is Half the Story: The Golden Eagle Site, A Possible Ancestral Puebloan Homestead in the Black Mesa Area of Oklahoma.*

**9:00-9:20** Amanda J. Butler and Jeff Kruchten: *Cahokia's Caddoan Connections: Listening and Learning from Pawnee Histories*

**9:20-9:40** Bob Dawe: *Evidence of the Practice of Ritual Birthing Imparted to Carved Bison Effigies in the Northern Plains*

**9:40-10:00** Break

- 10:00-10:20** Jack W. Brink: *Battle in the Foothills: Rock Art at the Williams Coulee Site*
- 10:20-10:40** Mark D. Mitchell: *Small Village or Special Use Site? Initial Results of the 2021 Field Investigation at Harmon Village, Morton County, North Dakota*
- 10:40-11:00** Fred Schneider: *Intertribal Trade for Native Plant Material Exotic to North Dakota by the Mandan, Hidatsa, and Arikara Tribes: An Update.*

### **Session 5, The Mall**

Forum: *Inclusivity and Opportunity: Introducing the Plains Conference Code of Conduct*

Presenters / moderators: Llen Pomeroy, Teresa Wroe, Plains Anthropological Society Board Members.

**11:00 to 12:00**

## **THURSDAY AFTERNOON**

### **Session 6, Settlers Park**

General Session: *Plains Archaeology, Paleoindian to Plains Village*

Moderator: Lee Bement

- 1:00-1:20** Lee Bement, Brandi Bethke, Debra Green, and Kristi Wyatt: *A Mammoth Bone Chisel from the Devil's River Region of Texas*
- 1:20-1:40** Jason M. Labelle: *Kill, Camp, and Return: A Report on the 2021 Excavation of the Lindenmeier Folsom Site, Larimer County, Colorado*
- 1:40-2:00** Michael Toft: *Mallory, To Be Or Not To Be McKean*
- 2:00-2:20** Break
- 2:20-2:40** Robert Hoard: *Drilled Bear Canine Teeth from an Archaeological Site in East-Central Kansas*
- 2:40-3:00** Erin R. Hughes: *Mississippian Influences on the Great Plains: The Transition from Corner to Side Notched Arrow Points in the Central Plains Tradition.*
- 3:00-3:20** Cherie Haury-Artz: *Shopping Local – Mammal Procurement Patterns at Joy Creek Major (13PM7), Northwest Iowa*

## **Session 7, The Mall**

Symposium: *Revisiting Tobias: A Great Bend Aspect, Ancestral Wichita Village in Rice County, Kansas*

Organizer and Moderator: Nikki Klarmann, Kansas Historical Society and Michigan State University

- 1:00-1:20**      Nikki Klarmann: *Archaeological Investigations at the Tobias Site (14RC8) in Rice County, Kansas*
- 1:20-1:40**      Geoffrey Jones: *Magnetic Susceptibility Survey at the Tobias Site*
- 1:40-2:00**      Rob Bozell: *Unmodified Animal Bone Recovered from 1970s and 2019 Excavations at the Tobias Site*
- 2:00-2:20**      Mary Adair: *A Synthesis of Tobias Site Archaeobotanical Remains*
- 2:20-2:40**      Break
- 2:40-3:00**      Timothy Weston: *Modified Bone from the 2019 KATP Excavations at the Tobias Site (14RC8) Rice County, Kansas*
- 3:00-3:20**      Robert Hoard and M. Steven Shackley: *Obsidian and Other Exotic Raw Materials for Chipped Stone Tools at the Tobias Site and Other Great Bend Aspect Sites*
- 3:20-3:40**      Shelby Beltz: *Wear Patterns and Hafting Techniques of Scapula Hoes at Great Bend Aspect Sites*
- 3:40-4:00**      Nikki Klarman: *Future Research and Preservation Plans for the Tobias Site*

## **Session 8, West End**

General Poster Session: *Method and Theory*

### **1:00 to 3:00**

Paul Burnett: *Spatial Modeling of Prehistory in Northwestern Colorado*

Ella Crenshaw and Delaney Cooley: *Public Archaeology in the Wake of the Pandemic: Creating a More Accessible OKPAN*

Tatyanna Ewald: *Dental Polish as a Method for Determining Seasonality for Bison*

Steven R. Holen and Kathleen Holen: *Human Induced Percussion Technology: A Synthesis of Bone Modification as Archaeological Evidence*

Addison P. Kimmel and Steven A. Katz: *Facing the Challenges of Collaborative Archaeology*

Michael W. Krause: *Following Suit: A Cross Bar Ranch Suitability Model*

R. A. Varney and Linda Scott Cummings: *Using XRF to Predict and Pollen to Identify Agricultural Sediments*

### **Session 9, East End**

Symposium: *Student Paper Competition*

Organizer and Moderator: Kacey Hollenbeck, Southern Methodist University

Judges: Kacey Hollenbeck, Sarah Trabert (University of Oklahoma), Wendi Field Murray (University of Arizona), Scott Brosowske (Courson Archaeological Research), Bill Billeck (Smithsonian Institution / Editor, Plains Anthropologist), Matt E. Hill (University of Iowa), Edward Knell (California State University Fullerton)

- 1:40-2:00** Clifford White: *Did Water Availability Impact Clovis Settlement Strategies on the Great Plains?*
- 2:00-2:20** Lisa (Elizabeth) Brazelton: *Cultural Resilience in Generational Traditions: Interviews with Three Lakota Elders*
- 2:20-2:40** Rachel Thimmig: *On- and Off-Reservation Life: A Reexamination of Crow-Flies-High Village*
- 2:40-3:00** Break
- 3:00-3:20** Savannah A. Gann: *Power Hammer Coring: Applications and Considerations in Archaeological Testing*
- 3:20-3:40** Steven P. Keehner: *The Movement of People, Material Objects, or Ideas? Testing Models of Information Exchange and Cultural Emergence Among Middle Woodland Pottery Communities in the Eastern Central Plains*

**Mahaffy Cache Reception, CU Boulder Museum of Natural History**

**4:00 to 6:00**

**Plains Conference Reception**

**8:00 to \_\_\_\_**

## FRIDAY MORNING, NOVEMBER 12, 2021

### Session 10, East End

Panel Discussion: *Archaeology & Indigenous Cultural Heritage Preservation: A Panel Discussion with Indigenous THPO's, NAGPRA Officers, Educators, and Attorneys*

Organizers / Moderators: Carlton Shield Chief Gover (Pawnee Nation / University of Colorado Boulder) and Emily Van Alst (Indiana University Bloomington)

**9:00 to 12:00**

**Break from 10:20 to 10:40**

- Co-Organizer & Moderator, Emily Van Alst
- Pawnee Nation THPO, Matt Reed
- Oglala Lakota College Graduate Studies Director, Richard Meyers
- Crow Agency THPO, Aaron Brien
- NARF Attorney, Brett Lee Shelton
- Iowa Tribe of Kansas and Nebraska Vice Chairman and THPO, Lance Foster
- Co-Organizer & Moderator, Carlton Shield Chief Gover
- Northern Arapaho THPO, Un-decided Representative
- Pawnee Nation NAGPRA Officer, Marti Only-A-Chief
- CPAWS-SK Board member, Honey Constant

### Session 11, West End

Symposium: *Student Poster Competition*

Organizer: Brendon Asher, Eastern New Mexico University

Judges: Brendon Asher,

**9:00 to 11:00**

Amy Dixon: *An Exploration of Historical Narratives of the Battle of Greasy Grass, Little Bighorn, or Custer's Last Stand*

Brittany Čanji: *The Days After Colorado's Darkest Day: The Use of Drone Technology in Historic Archaeology*

Erin Wooley: *Hell Gap '61 Revisited: An Ethnographic Analysis of Archival Images from the Hell Gap Excavations in the Early 1960s*

Jennifer Banks: *Recent Pedestrian Survey of 14CO3*

Kelsey Hoppes: *An Attribute-Based Approach to Ceramic Decoration at the Lynch Site (25BD1)*

Kelton A. Meyer: *Countryside Folsom in the Northern San Luis Valley, Colorado: Revisiting the Reddin Site*

Raymond V. Sumner: *The Days After Colorado's Darkest Day: The Use of LIDAR in Historic Archaeology*

Riley Limbaugh: *"The Days After Colorado's Darkest Day:" Using Weapons and Ammunition to Date Conflicts and Identify Participants in Battle*

Spencer Little: *A Mobiliary Art Ground Stone from Southeastern Colorado*

Sarah Buckser, Karissa Hughes, Victoria Bowler Monagle, William Taylor, Courtney Hofman: *Human-Canid Interactions at Black's Fork, Wyoming.*

## **Session 12, The Mall**

General Session: *19<sup>th</sup> and 20<sup>th</sup> Century*

Moderator: Luann Wandsnider

**9:00-9:20** Lisa (Elizabeth) Brazelton: *Cultural Resilience in Generational Traditions: Interviews with Three Lakota Elders*

**9:20-9:40** Alison Hadley, Kathryn Ligenza, Andy Hilburn, and Cindy Salazar: *Greenspace Access and Environmental Perceptions: An Ongoing Multidisciplinary Project in a U.S.-Mexico Border Town*

**9:40-10:00** Spencer R. Pelton: *The Deer Creek Station Burial: An 1865 Military Interment on the Oregon Trail*

**10:00-10:20** Break

**10:20-10:40** James V. Ralston and Lauren W. Ritterbush: *Uncovering the "First" Government Agency for the Kanza Tribe*

**10:40-11:00** Luann Wandsnider: *Extreme Events and Fertility in Late 19th Century Custer County, Nebraska*

**11:00-11:20** Adam Wiewel, Nikki Klarmann, and Jay Sturdevant: *Brown v. Board of Education National Historical Site: Archeological Investigations and Geophysical Survey*

### **Session 13, Settlers Park**

General Session: *Method and Theory*

Moderator: Devin B. Pettigrew

- 9:00-9:20** Mackenzie J. Cory: *Towards a Future of (Pre)historic Childhood Research on the Northwest Plains*
- 9:20-9:40** Warren Davis and John G. Hedden: *A Review of the Association of Iowa Geomorphological Guidelines in Support of Cultural Resource Investigations in Iowa: The Rocky Run Creek Sites*
- 9:40-10:00** Richard A. Krause: *The Culture History Theory of Artifacts*
- 10:00-10:20** Devin B. Pettigrew: *What Can You Hunt With an Atlatl? Improving Validity in Realistic Experiments*
- 10:20-10:40** Kali Wade: *Phytolith Analysis as a Method for Assessing the Spatial Boundaries of Sites*
- 10:40-11:00** Ken Cannon: *Ken Pierce: A Tribute*

### **FRIDAY NOON HOUR**

Student Workshop

**12:00 to 1:00**

This year our student workshop features a Pitch Lab Workshop hosted by Dr. Steve Nash. Pitch Lab is a training that applies the techniques of professional comedians to improve presentations, and to increase engagement and develop story telling skills. Traditionally targeted at sales and marketing teams, Pitch Lab has been expanding to train academics in public speaking skills and science communication. Visit [pitchlab.io/services](https://pitchlab.io/services) to learn more.

### **FRIDAY AFTERNOON**

### **Session 14, The Mall**

General Session: *Early Colonial Era*

Moderator: Susan Vehik



- 1:00-1:20** Crystal A. Dozier: *Updates from 2021 Wichita State University Field School at Etzanoa (14CO3)*
- 1:20-1:40** Nolan Johnson and Talon O'Connor: *Welcome to the Courthouse and Jail Rocks: The 2019 Volunteer Excavation at 25MO201 a Dismal River Occupation in Morrill County, Nebraska*
- 1:40-2:00** Susan C. Vehik: *Little River Focus, Council Circle Structures, and Marine Shell Beads*
- 2:00-2:20** Break
- 2:20-2:40** Cummings, Linda Scott: *Spanish Wheat Technology and Puebloan Resistance – the Phytolith Evidence.*
- 2:40-3:00** Donald Blakeslee: *Unmanning Quivira*
- 3:00-3:20** Alice B. Kehoe: *Big Towns in Mid-Continent*
- 3:30 to 4:30:** Conversation hour  
Current issues in working on the early Colonial era.

### **Session 15, East End**

General Session: *Collaborative and Public Archaeology*

Moderator: Sarah Trabert

- 1:00-1:20** Charles A. Bello: *Application of the Unified Federal Review Process: Case Studies from Indian Country*
- 1:20-1:40** Brandi Bethke, Sarah Trabert, and Gary McAdams: *Remembering ichaskhah (Camp Creek): Collaborative Methodologies for Documenting Wichita Allotment Period Sites in Oklahoma*
- 1:40-2:00** Vidal E. Gonzales, Robert Hitchcock, and Melinda C. Kelly: *How Do Cultural Tourism and Heritage Management in a Southwestern National Monument Affect its Affiliated Pueblo Tribes?*
- 2:00-2:20** Mark Howe and Alison Hadley: *Falcon Reservoir: From Paleoindian to Today and Archeological Management*
- 2:30 to 4:00:** Conversation hour

## Collaborative practice in archaeology and anthropology

### Session 16, West End

General Poster Session: *Plains Archaeology*

**1:00-3:00**

Alan M. Slade and Clark D. Wernecke: *Clovis Fluted Points in Texas: A Further Update to the TCFPS, 4<sup>th</sup> Edition*

Delaney Cooley, Sarah Trabert, and Matt Oliver: *Sourcing Obsidian from Ancestral Wichita Sites in Oklahoma*

Kevin Gilmore: *The Bayou Gulch Site: Terminal Early Ceramic Period Intensification and Incipient Horticulture at the Foot of the Front Range, Colorado.*

Matthew E. Hill, Melissa G. Torquato, and Erik Otárola-Castillo: *Long-term Changes in Diet Breadth and Prey Choice among Great Plains and Rocky Mountain Hunters*

Nolan Johnson, MaKenzie Coufal, and Talon O'Connor: *Neither Wind nor Snow: 2020 Testing at 25DW131 the Fort Robinson Dump*

Derick P. Juptner and Matthew E. Hill: *Living off the Land: Assessing Subsistence Patterns at the Lovitt (25CH1) Dismal River Type Site in Southwestern Nebraska using Zooarchaeological Analyses.*

Craig Lee, Michael Neeley, Aaron Brein, Beth Horton, Dave McWethy, and Greg Pederson: *Drivelines, Effigies and Intercept Hunting Strategies in the Greater Yellowstone*

Steven C. Lensink and John F. Doershuk: *Recent AMS Dates from a Mill Creek Village Context in Northwest Iowa*

William B. Lees: *Finding the Civil War Battle of Honey Springs, Muscogee Nation, Oklahoma*

William T.T. Taylor, Emily Lena Jones, Brandi Bethke, Sarah Trabert, Patrick Roberts, and Ludovic Orlando: *Early dispersal of domestic horses into the Great Plains and Northern Rockies*

Ryan Weaver, R. A. Varney, and Linda Scott Cummings: *Assessing Two Models of Early Paleoamerican Migration. Did Glacial Bodies Prevent Migrations into the Americas?*

Maria Nieves Zedeño, Danielle Soza, Francois Lanoe, Joshua Reuther: *After the Ashfall: New Information on the Early Archaic Occupation at the Billy Big Spring Site*

**Business Meeting, Settlers Park  
5:00 to 6:00**

**Cash Bar, Preconference Area  
6:00 to 7:00**

**Banquet, Mall  
7:00 to 9:00**

**SATURDAY MORNING, NOVEMBER 13, 2021**

**Lindenmeier Site tour:** buses load at 10:00 AM.