

Colorado Council of  
Professional  
Archaeologists



46th Annual Meeting

Sterling **2024** Colorado

# Conference Information

## Locations

Early Bird: High Plains Education Center  
Overland Trail Museum  
110 Overland Trail  
Sterling, CO 80751  
[www.sterlingcolo.com](http://www.sterlingcolo.com)  
(970) 522-3895

### Wi-Fi Information

Network: Overland03  
Password: museum03

Conference: Northeastern Junior College  
Hays Student Center  
721 Landrum Lane  
Sterling, Colorado 80751  
[www.njc.edu](http://www.njc.edu)  
(970) 521-7000

### Wi-Fi Information

Network: NJC Open and registration required



# CCPA 2024-Executive Committee

## **President 2023–2024**

Mary Sullivan

## **Past President 2023–2024**

Paul Burnett

## **President Elect 2023–2024**

Rebecca Simon

## **Secretary 2023–2024**

Jessica Ericson

## **Treasurer 2022–2024**

Dante Knapp

## **Treasurer Elect 2023-2024**

Katy Waechter

## **American Indian Board Member 2023–2025**

Anna Cordova

## **Student Board Member 2022–2024**

Chance Ward

## **Board Member 2023-2025**

Kathleen Talle Hogrefe

## **Board Member 2023-2025**

Sara Millward

## **Board Member 2022-2024**

Brandon Turner

## **Board Member 2022-2024**

Jasmine Saxon

## **Student Board Member Elect 2023-2024**

Spencer Little

## **Archives Committee**

Sarah Rothwell

## **Education Committee Co-Chairs**

Karin Larkin and Amy Gillaspie

## **Ethics Coordinator**

Marilyn Martorano

## **Finance Committee Chair**

Charlie Reed

## **Government Affairs Committee**

Kimberly Bailey

## **Listserv Coordinator**

Greg Williams

## **Membership Committee Chair**

Jon Horn

## **Native American Initiatives Committee**

Bridget Ambler

## **Newsletter Editor**

Jen Kolise

## **Publications Committee Chair**

Kelly Pool

## **Student Affairs Committee Chairs**

Chance Ward and Spencer Little

## **Ward F. Weakly Memorial Scholarship Committee Chair**

Mark Mitchell

## **Web Page Editor**

Mary Sullivan

## **Awards & Recognition Committee Chair**

Michelle Slaughter

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# Acknowledgements

We would like to thank Northeastern Junior College and the Overland Trail Museum for hosting the 46<sup>th</sup> annual conference. Please also thank the following individuals for their efforts in planning the 2024 meeting.

## Conference Organizers

Jason LaBelle (Colorado State University), Kristin Gensmer and Christopher Kinneer (Centennial Archaeology LLC)

## Sponsorship Coordinator

Kelton Meyer (Colorado State University)

## Volunteer Coordinators

Michelle Dinkel, Benjamin Perlmutter, Kristi Gensmer (Centennial Archaeology LLC) and Jason LaBelle (Colorado State University)

## Field Trip Leaders

- Fort Sedgwick and the Three Julesburgs Tour - (Ray Sumner, Colorado State University)
- Flattop Butte tour - Robert Madden (Colorado State University)

## Conference Poster and Logo Design

Travis Bugg (Centennial Archaeology LLC)

## Student Paper/Poster Judges

Mary Van Buren (Colorado State University), Andy Mueller and Paul Buckner (HDR).

## Trivia Bowl

Jessica Ericson and Jasmine Saxon (MCs), Christian Zier and Marilyn Martorano (Judges)

## Used Book Sale Organizers

Spencer Little (SWCA) and Ray Sumner (CSU CMPA and CEMML). Thank you to the book donors!

## **Silent Auction Organizer**

Lori Vanagunas (Northern Colorado Chapter of the Colorado Archaeological Society). Thank you to the silent auction donors!

## **Our Volunteers**

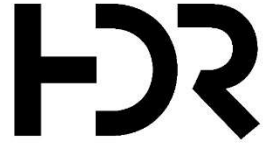
Aleah Kuhr, Riley Limbaugh, Alyssa Myers, Caden Hooker, Bryn Sullivan, Travis Bugg, Michelle Dinkel, Kelton Meyer, Kelsy Kreikemeier, Spencer Little, Ray Sumner, Bob Madden, Ben Perlmutter, Lori Vanagunas, and Kaeleigh Ray

## **Special Thanks**

- Michelle Slaughter, Mary Sullivan, and Jacki Mullen for their help spreading the word about the Conference on social media and in our newsletter.
- Dante Knapp for setting up the credit card software.
- Kay Brigham-Rich and the staff of the Overland Trail Museum for opening their museum to us and for their help organizing our Early Bird event.
- Stacie Marx and Annie Shalla for their help arranging our conference on the Northeastern Junior College Campus.
- To our many sponsors, thank you!

## Conference Sponsors

### Drake Sponsors



**CMPA**  
CENTER FOR MOUNTAIN  
& PLAINS ARCHAEOLOGY



HISTORY  *Colorado*  
OFFICE of ARCHAEOLOGY  
and HISTORIC PRESERVATION

### Frasca Sponsors

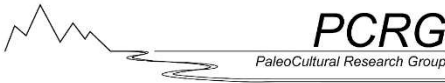


**SWCA**<sup>®</sup>  
ENVIRONMENTAL CONSULTANTS

## Dipper Gap Sponsors



## Donovan Sponsors



## Flattop Butte Sponsors



"Oldies Trivia Team" - Mike Metcalf



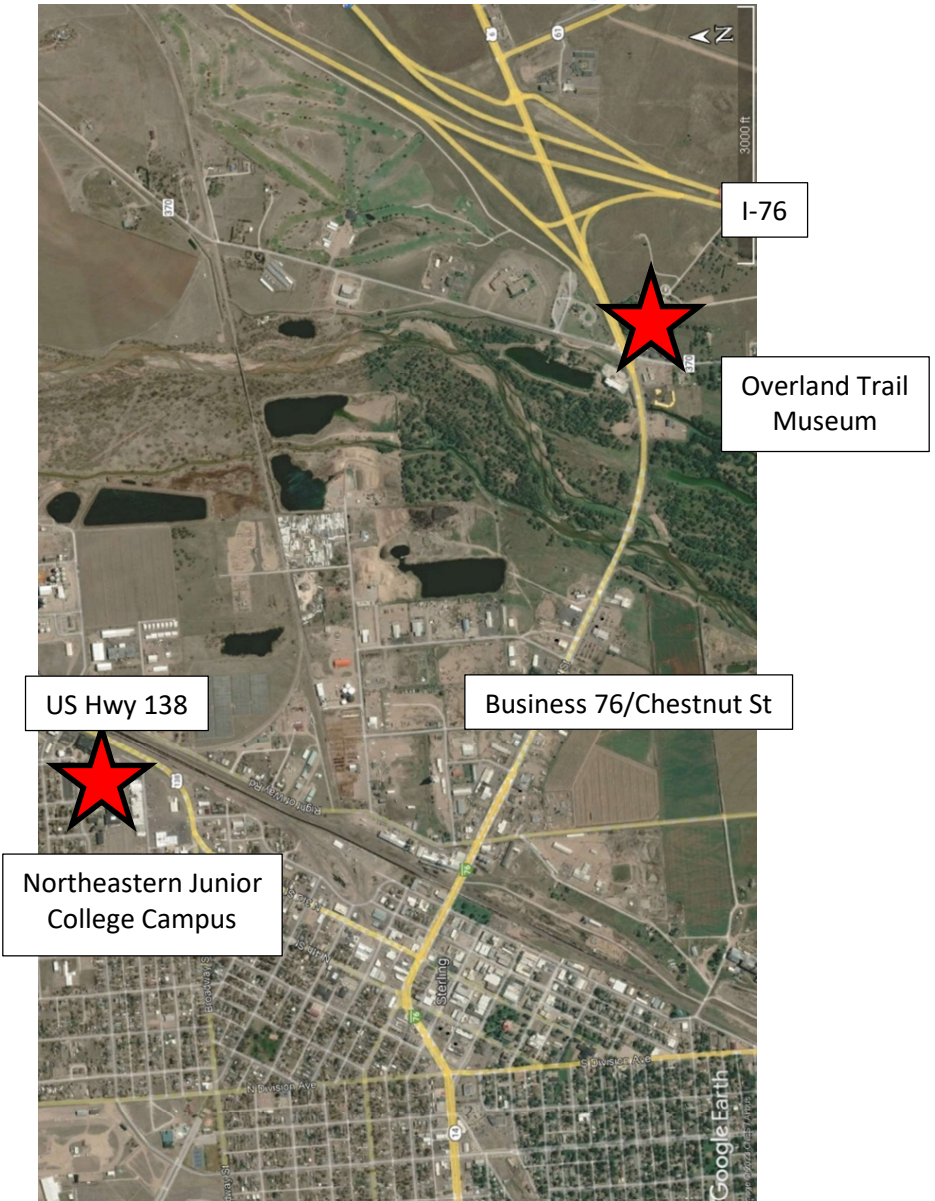
Martorano Consultants LLC



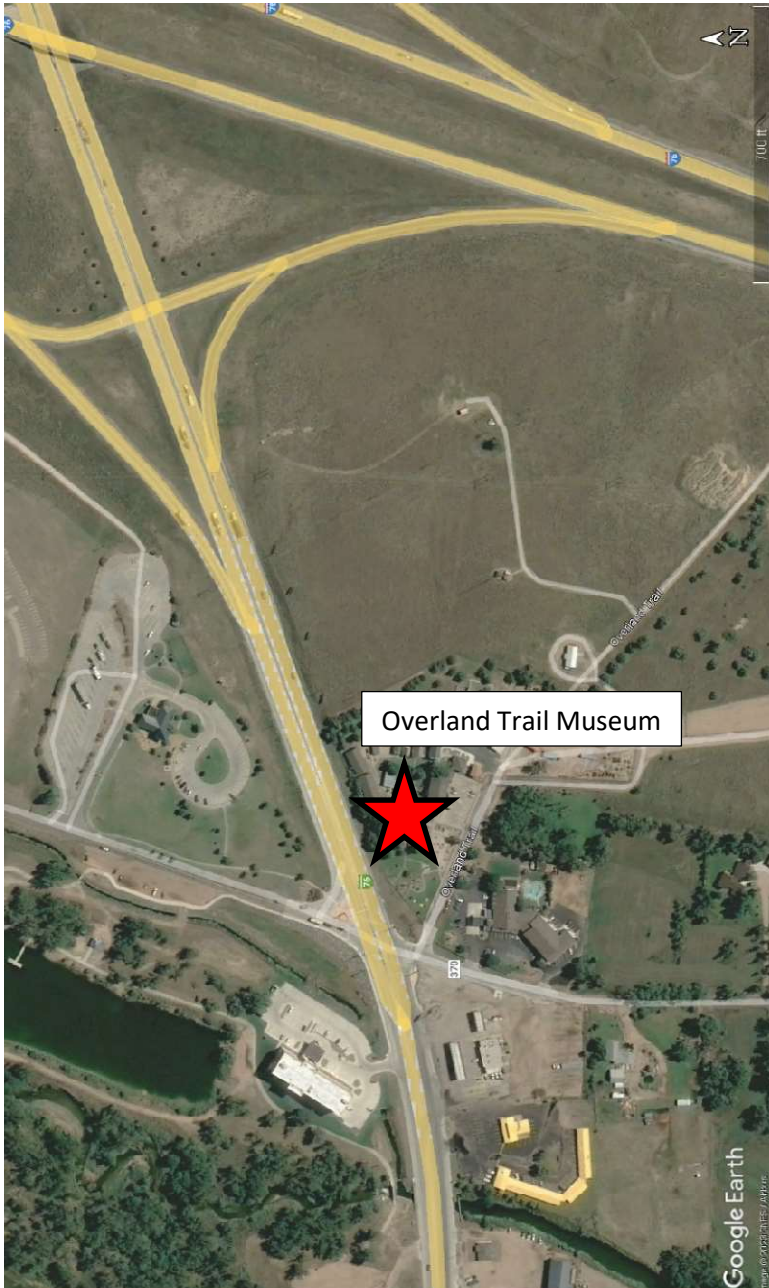
Community Connections, LLC



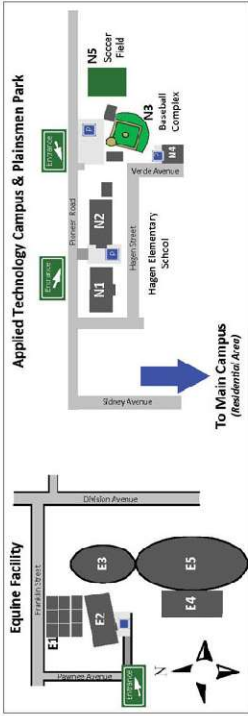
## Conference Maps



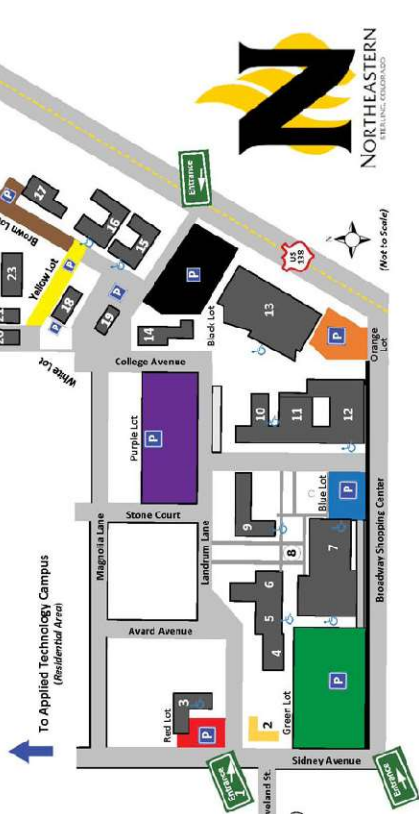
***Map of the Sterling area and CCPA Conference events. North is to left of page.***



**Overland Trail Museum. Overflow parking to west of museum complex. North is to the left of page.**



# NORTHEASTERN CAMPUS MAP



1. Main Entrance
2. Sunshine Childcare Center
3. Cosmetology Center
4. Williams Residence Hall
5. Guard-Teed-Bredenbach Residence Hall
6. Poole Residence Hall
7. E.S. French Hall/Dorothy Corseberg Theatre
8. Cock Tower
9. Whyman Hall
10. Knowles Hall-Monahan Library-Adult & Community Education Center
11. Chuckwagon Cafe/eria
12. Hays Student Center/Tennant Art Gallery
13. Bank of Colorado's Event Center/Gym
14. Walker Hall Administrative Building
15. Blue Spruce Residence Hall
16. Davis Residence Hall
17. Herboldheimer Residence Hall
18. Beede-Hamill Hall
19. Maintenance Garage
20. Physical Plant Garage
21. Physical Plant Garage
22. Fleet Car Garage
23. Greenhouse

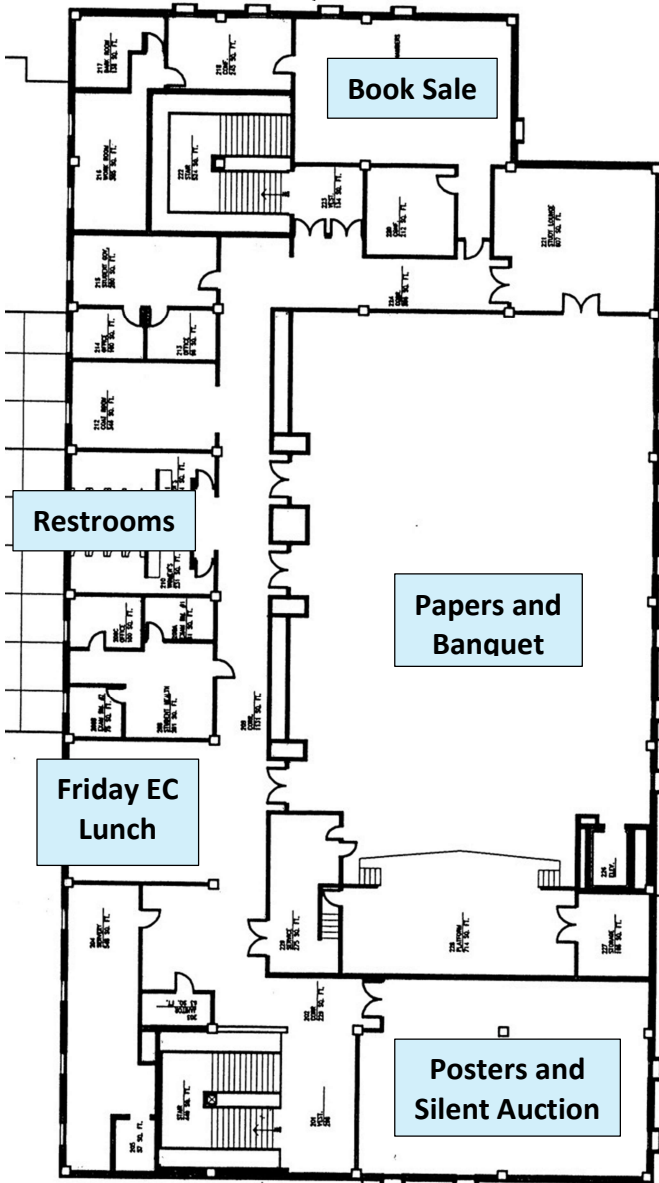
- Equine Facility - Logan County Fairgrounds**
- E-1. Equine Program Horse Facilities
  - E-2. Indoor Arena/Equine Classrooms
  - E-3. Outdoor Practice Arena
  - E-4. Grandstands
  - E-5. Outdoor Competition Area

- Applied Technology Campus**
- N-1. Area Vocational Building (Ag/Wind)
  - N-2. Lapsack-Schmidt Hall (Auto/Diesel Tech)
  - N-3. Plainsmen Baseball Field Complex
  - N-4. Welding Building
  - N-5. Soccer Field

Handicap Entrance

**Map of the Northeastern Junior College Campus. The CCPA Conference will be held in the Hays Student Center (building 12 on map). There is free parking in campus lots (orange, blue, and purple are closest parking lots). North is to left of page.**

East Entrance  
to building



Hays  
Student  
Center  
2<sup>nd</sup> Floor

North is  
on left  
side of  
page.

West Entrance to building  
(use this entrance  
for elevator access)

# **Food Recommendations from the Crest Motel, Our Local Favorite Stay in Sterling**

Santiago's (best breakfast burritos and Colorado green chili, online ordering available)

<https://eatatsantiagos.com/>

J & L Cafe (local favorite for years and years)

<http://places.singleplatform.com/j--l-cafe-4/menu>

Village Inn (reliable chain, almost always open, online ordering available)

<https://www.villageinn.com/locations/sterling-co/>

Simkin's Parlour (downtown shop, menu varies)

<https://simkinsparlour.com/>

The Grill @ River City (online ordering available)

<https://thegrillrc.com/>

Sam 'n Louie's (wonderful pizza, downtown, online ordering available)

<https://samandlouies.com/locations/sterling-co/>

Hot Spot Smokehouse (tasty BBQ, online ordering available)

<https://www.thehotspotsmokehouse.com/>

Mi Ranchito (huge margaritas, "Tacos Locos" are our favorite)

<https://www.miranchitosterling.com/>

Fiesta (Their tortilla soup is highly recommended)

<http://www.fiestamexicanrestaurant.com/>

Wonderful House (great lunch specials)

<http://wonderfulhousesterling.com/>

Bamboo Garden (lunch buffet, good sushi)

<https://www.bamboogardensterlingco.com/>

# Summary Schedule

## **Thursday, March 7: Tour – Sterling to Julesburg, Colorado (leave from Sterling)**

- Tour of Fort Sedgwick and Julesburg area, group tour: 9:30 AM – 4:30 PM; Vans provided for tour participants.
- Meet in the Overland Trail museum parking lot at 9:15 am

## **Thursday Night, March 7: Early Bird – Overland Trail Museum, Sterling**

- Early Bird Welcome Reception: 5:00–8:00 PM
- Registration on site. Overflow parking to west of Museum.

## **Friday, March 8: Business Meeting, Papers, and Posters – Hays Student Center (2<sup>nd</sup> floor), Northeastern Junior College**

- Registration & Merchandise Sales: 7:45 AM–5:00 PM
  - Coffee and snacks provided at break
- CCPA Business Meeting: 8:00–10:15 AM (students welcome)
- Federal and State Agency Reports: 10:15–11:25 AM
- Lunch Break (on your own): 11:25 AM–1:00 PM
- Silent Auction: 1:00–5:00 PM
- Paper Session: 1:00–5:00 PM
  - Coffee and snacks provided at break
- Poster Session: 1:00–5:00 PM (all-afternoon viewing)

## **Friday, March 8: Executive Committee Lunch – by Invitation Only**

- 11:45 AM–2:00 PM

## **Friday Night, March 8: Banquet & Scholarship Fundraiser – Hays Student Center Ballroom, Northeastern Junior College**

- Banquet: 6:15–7:15 PM (advance ticket purchase required)
- Trivia Bowl after the Banquet (open to all): 7:30–9:30 PM

## **Saturday, March 9: Papers & Posters – Hays Student Center, Northeastern Junior College**

- Registration & Merchandise Sales: 8:30 AM–12:00 PM (noon)
  - Coffee & snacks provided at break
- Silent Auction: 8:30 AM–2:00 PM

- Poster Session: 8:30 AM–4:50 PM (all-day viewing)
- Paper Session: 8:40 AM–12:00 PM
- Student Poster Competition Presentations: 9:00 AM–10:30 AM
- Lunch Break: 12:00–1:30 PM (on your own)
- Paper Session: 1:30–4:50 PM
  - Coffee & snacks provided at break
- Student Presentation and Poster Awards/Silent Auction  
Winners: 4:50 PM
- Conference Closing: 5:00-5:20 PM

**Sunday, March 10: Tour – Flattop Butte Quarry Site, Logan County, Colorado (leave from Sterling)**

- Tour of Flattop Butte, group tour: 9:00 AM – approximately 12:00-1:00 PM; Carpool/caravan, with vans available for some of the tour participants
- Meet in the parking lot of Northeastern Junior College (east side) around 8:45 am.
- If weather is nice, we'd be happy to take guests on a driving tour (a few stops along the road) of sites near Flattop Butte (Chimney Canyons, Peavy Shelter, Dipper Gap, Frasca) on the way back to the main highway.

# Special Events

## **Early Bird Welcome Reception**

**(Thursday, March 7, 5:00 PM–8:00 PM)**

Please join us Thursday evening, March 7, from 5-8 PM for the Early Bird Welcome Reception in the High Plains Education Center at the Overland Trail Museum. Appetizers and drinks will be provided. Conference registration and conference merchandise will be available on site.

Each person registered for the conference will receive two drink tickets. These are good for soda, beer, wine at the museum during the Thursday Early Bird Happy Hour.

The bartenders are working for tips, so please bring cash to support them.

## **Student Poster Presentations**

Posters will be on display at the Hayes Student Center, 2<sup>nd</sup> floor poster room at Northeastern Junior College (NJC) from Friday, 1:00 PM to Saturday, 5:00 PM. Students, please be present at your posters from 9:00 AM–10:30 AM on Saturday for in-person presentation and judging.

## **Scholarship Fundraiser: Silent Auction**

**(Friday, March 8, 1:00 PM to Saturday, March 11, 2:00 PM, Hays Student Center Poster Room)**

CCPA will be hosting a silent auction during the conference. All items will be on display in the Hays Student Center, 2<sup>nd</sup> floor poster room.

Silent auction donations will be accepted on Friday from 11:00 am - 1:00 PM in the poster room.

After the auction closes on Saturday at 2 pm, winning bidders will be contacted by text message or phone call.



## **Pre-banquet Happy Hour**

**(Friday, March 8, 5:00–6:00 PM, Hays Student Center, Ballroom)**

Please join us for an informal happy hour preceding the banquet. Two drink tickets will be provided for each banquet attendee for soda, beer, or wine. The bartenders are working for tips, so please bring cash to support them.

## **Friday Evening Banquet**

**(Friday, March 8, 6:15–7:15 PM, Hays Student Center Ballroom)**

The Friday evening banquet will be held in the Hays Student Center Ballroom. Attendees must have paid and registered for the banquet to attend. A plated dinner will be served based on the food choices selected at the time of registration.

## **Scholarship Fundraiser: Trivia Bowl 2024**

**(Friday, March 8, 7:30–9:30 PM, Hays Student Center, Ballroom)**

Our Trivia Bowl is open to all conference attendees, so even if you don't attend the banquet, we encourage you to come to the Student Center by 7:15 PM Friday night in order to participate in this fun event. Two drink tickets will be provided for each attendee for soda, beer, or wine.

We will be participating in small teams, so be sure to draft your friends into teams, get your costumes ready, and come prepared for some brain battles! Jasmine Saxon and Jessica Ericson will be hosting the event and our Supreme Court judges are CCPA Fellows Marilyn Martorano and Chris Zier!

We will be accepting cash, checks, and credit cards. CASH IS PREFERRED! You don't have to donate at all, but please give what you can when you can.

## Field Trips and Tours

We are excited to offer two fantastic tours during the 46<sup>th</sup> annual conference! The first tour will take place on Thursday, March 8. We hope that you'll either come out the night before, or instead get up early that morning and come to Sterling (about 2 hours from Denver) and take part.

On Sunday, March 10, we will host an additional tour north of Sterling, depending on the weather/roads. Visitors can depart from home after this partial day tour.

### **Fort Sedgwick, the three old Julesburgs, Italian Caves – Thursday, March 9, 9:30 AM–4:30 PM**

Join us for a tour of the Julesburg area, where we'll tour many sites related to Camp Rankin, Fort Sedgwick, 1865 Plains Indian battle sites, and the multiple locations of Old Julesburg. Ray Sumner, PhD candidate at Colorado State University, will be leading the tour of these sites, many of which are the subject of his dissertation. We plan to leave Sterling at 9:30 in the morning and return at 4:30 pm. Vans will be provided for guests. The tour is limited to 25 individuals. We will stop at a café in Julesburg for lunch, but lunch is not provided in the tour fee. Fee for the tour is \$20 to cover the van rentals (cash or check only). Please meet in the museum parking lot on Thursday at 9:15 am.



***Pony Express Marker at the location of the original Julesburg, in Sedgwick County, Colorado.***

**Flattop Butte Quarry Site (5LO34) – Sunday, March 10, 9:00 AM – 12:00 or 1:00 PM**

The post-conference tour is to the Flattop Butte Quarry Site, located northwest of Sterline. Tour members will carpool/caravan (transportation will be available in vans for around 25 people) out to the site and then take a short hike to the Butte. The tour is limited to 60 people. The hike is mostly across flat terrain, but there is a short/steep (non-technical) section to get to the top of the Butte (less than 100 feet in elevation gain). Once on top, we will visit several quarry pits concentrations on the top, as well as the location of recent excavations during the past summer. Robert Madden, MA student at Colorado State University, will lead the tour and describe his thesis research at the site. Following the tour, participants can return to Sterling or head home on their own. Given that we will be carpooling and/or taking a vehicle caravan, there is no charge for the tour. Please meet in the Northeastern Junior College parking lot (east side) at 845 am on Sunday morning.



***Aerial image of Flattop Butte, in Logan County, Colorado.***

# **46th CCPA Annual Business Meeting Agenda**

**Friday, March 8, 2024**

## **8:00 AM – Call to Order**

- Call to Order & Agenda Changes – Mary Sullivan (5 minutes)
- Welcome – Jason LaBelle (5 Minutes)

## **8:10 AM – Approval of 2017 Business Meeting Minutes**

- Waiver of Reading and Solicitation of Corrections – Mary Sullivan (5 minutes)

## **8:15 AM – Reports of Officers and Standing Committees**

- State of the Organization – Mary Sullivan (5 minutes)
- Treasurer’s Report – Dante Knapp (5 minutes)
- Secretary’s Report – Jessica Ericson (5 minutes)

## **8:30 AM – Standing Committee Reports on 2023-2024 Activities**

- Membership – Mary Sullivan for Jon Horn (5 minutes)
- Ethics – Marilyn Martorano (1 minute)
- Newsletter – Jennifer Kolise (5 minutes)
- Communications – Mary Sullivan/Greg Williams/Michelle Slaughter (5 minutes)
- Publications – Kelly Pool (10 minutes)
- Ward Weakly Scholarship – Mark Mitchell (5 minutes)
- Native American Scholarship – Mary Sullivan for Bridget Ambler (5 minutes)
- Education – Amy Gillaspie (5 minutes)
- Student Affairs – Chance Ward/Spencer Little (5 minutes)
- Awards and Recognition – Michelle Slaughter (2 minutes)

## **9:15–9:35 AM – Break**

## **9:35 AM – Ad Hoc Reports on 2023-2024 Activities**

- Financial Review Committee – Mary Sullivan for Charles Reed (5 minutes)
- Government Affairs – Kimberly Bailey (5 minutes)
- Archive Committee – Sarah Rothwell (5 minutes)

## **9:50 AM – New Business**

- Annual Meeting 2025 – Mary Sullivan (5 minutes)
- Recognition of outgoing EC members – Mary Sullivan (5 minutes)
- Election Results – Paul Burnett (5 minutes)
- Incoming President – Rebecca Simon (10 minutes)

**10:15 AM – Business Meeting Adjourns**

**10:15 AM – Federal and State Agency Reports**

- Colorado Preservation, Inc., Jennifer Orrigo Charles (5 minutes)
- Bureau of Reclamation – Emily Long (5 minutes)
- Bureau of Land Management, State office – Natalie Clark (5 minutes)
- Colorado Department of Transportation – Greg Wolff (5 minutes)
- Federal Emergency Management Agency – Charles Bello (10 minutes)
- U.S. Fish and Wildlife Service – Jennifer Kolise (5 minutes)
- U.S. Forest Service – Molly Westby (5 Minutes)
- Colorado Archaeological Society – Karen Kinnear (5 minutes)
- Office of Archaeology & Historic Preservation – Holly Norton (5 minutes)
- State Historical Fund - Eric McCann (15 minutes)

**11:25 AM – Morning Meeting Adjourns**

# Paper Presentation Schedule

## Friday Afternoon General Paper Session

1:00–1:20      **Collaborative and Community-Engaged Archaeology:  
Some Views on Successfully Partnering with  
Indigenous and Local Communities**

Charles A. Bello

1:20–1:40      **The Preservation of African American Heritage Sites:  
A View from the West**

Holly Norton

1:40-2:10      **The Nature and Transformation of Archaeological  
Data**

Bruce Lutz

**Break**

2:30-2:50      **The Twin Tunnels Site (5CC389), A Multi-component  
Campsite Along Clear Creek: Preliminary Results**

Travis Bugg, Chris Kinner, Ben Perlmutter, Kristi Gensmer, Bryn Sullivan, Kaeleigh Ray, Michelle A. Dinkel, and Caden Hooker

2:50-3:10      **Citizen Science Research at Chancellor Ranch, Las  
Animas County**

Chris Johnston, Kelton Meyer

3:10-3:30      **Promontory, Dismal River, and Western Athabaskan  
Pottery: The Apache Ceramic Tradition in Wyoming**

Michael K. Page

**Break**

## Friday Afternoon Panel

3:50-5:00      **From Academic Training to Professional Careers:  
Disconnects and Opportunities**

Karin Larkin, Minnette Church, Anna Cordova, Michelle Slaughter, Holly Norton, Obi Oberdier, Ammy Gillaspie, and Kristi Gensmer

## Saturday Morning General Paper Session

8:40-9:00 **Pipe Down! Urban Archaeology of Denver's Utilities**

Megan Mueller, Andrew Mueller

9:00-9:20 **A Postcard from the Far Quarter**

Mark Mitchell

9:20-9:40 **Making Sense of Time and Space in a 'Noisy' Surface Scatter at the Reddin Site, San Luis Valley, Colorado.**

Kelton Meyer

### Break

10:00-10:20 **The Sodbuster Project: A 50-Year Longitudinal Surface Collection in Northeastern Colorado**

Jason LaBelle, Mike Toft

10:20-10:40 **Intensive Quarrying in the Central Plains at Flattop Butte**

Robert Madden

10:40-11:00 **In Search of the Willow Springs Stage Station**

Spencer Pelton

### Break

\*11:20-11:40 **We're Not in Texas Anymore Archaeological Investigations into Urban Form in Dallas, Colorado**

Tristan Newberry-Cushman

\*11:40-12:00 **What One Artifact Points Out: A Dissection of a Dynamic Hybrid from Fort Vasquez**

Aaron Toussaint

12:00-1:30 **Lunch**

\*Graduate Student Presentation Entry

## Saturday Afternoon General Paper Session

- 1:30-1:50      **Vestaterix Expeditions: Decolonizing Archaeology, Geology, and Paleontology Through Public Engagement and Citizen Science**  
Monica Brown, Therman Ehrhardt, Elizabeth Hughes, Alexandra J. Jones, Hannan LaGarry, Amanda Larin, Alexander Moreland, Katharine L. Moreland, and Isaac Russell.
- 1:50-2:10      **Archaeology and the Nation’s Newest National Park, Amache National Historic Site**  
Bonnie J. Clark
- 2:10-2:30      **If the Shoe Fits: Following the Proto-Apache Footwear Trail from the Subarctic to the Southwest**  
Kevin P. Gilmore, Edward A. Jolie, John W. Ives
- Break**
- 2:50-3:10      **Rediscovering a Resting Place: Using Geophysics to Find and Outline the Fort Sedgwick Post Cemetery**  
Riley Limbaugh
- 3:10-3:30      **It Takes a Village: An Update on 2023 Excavations at the 5DA3991 Rockshelter, Douglas County, Colorado.**  
Jonathan Hedlund, Justin Batista, Brittany Cassell, Tiana Duncan
- 3:30–3:50      **Each Pole had a Meaning: “Investigating a Plains Tipi” Lesson Demonstration and the Briefest Project Archaeology and Institute of Heritage Education Update Ever**  
Rebecca Simon
- Break**
- 4:10-4:30      **Update on Granary Research in the White River Drainage of Northwestern Colorado**  
Dudley Gardner
- 4:30-4:50      **Connecting Communities Through Archaeology: IAD 2023 Highlights & Future Plans for IAD 2024**  
Jasmine Saxon, Jessica Ericson



# Conference Closing Remarks and Student Awards (Rebecca Simon)

5:00-5:20

**Rebecca Simon (CCPA President, 2024–2025)**

## General Poster Session

On display from Friday 1:00 PM–Saturday 5:00 PM.

### **Photogrammetry At Your Fingertips: Using 3D Capture Applications in Archaeological Fieldwork**

Boyd, Lars (HDR)

### **Après-Ski at Rock Creek: A Case Study of the Rise and Fall of a Lost Ski Area**

Buckner, Paul (HDR/ERO)

### **A Case of the Thermals: Summary of Recently Recorded Features from Moffat County, Colorado, and Sweetwater and Carbon Counties, Wyoming**

Campbell, Ross, Lindsay Deaver, Bailey Kirsten, and Spencer Little (SWCA Environmental Consultants)

### **Douglas County's Virtual Museum: A New Tool for Researchers and the Public to Learn About the History and Archaeology of the County**

Cassell, Brittany and Todd McMahon (Douglas County History Repository and Interpret Site L.L.C)

### **"All Day I've Faced a Barren Waste, Without the Taste of Water..." Drought, Temporal Climate Variability and Prehistoric Population Dynamics at the Foot of the Front Range.**

Gilmore, Kevin P. (HDR)

### **"...Cool, Clear, Water:" Effects of Drought and Climate Variability on Formative Period Prehistoric Populations in the Upper Colorado River Basin, Western Colorado**

Gilmore, Kevin P., Donald Sullivan, Maria Caffrey (HDR, University of Denver, Independent Climate Warrior)

### **"Unentangled: Extracting Theoretical Insights from Messy Data"**

Oberdier, R. "Obi" (Unaffiliated)

**A General View of Selected Archaeological Sites in the Flattop Butte Region**

Toft, Mike (Independent Researcher)

**Geology and Physiography of Northeastern Colorado, with an Emphasis on Toolstone Sources**

Toft, Mike (Independent Researcher)

**At the Crossroads of History: Excavations at Tel Shimron, Israel**

Tucker, Gordon C. Jr., PhD (Retired)

**Student Poster Session**

On display from Friday 1:00 PM–Saturday 5:00 PM. Students will present their posters to the judges from 9:00 AM–10:30 PM on Saturday.

**Finding High Traffic Areas in the Snowy Range Using Least-Cost Paths and Prehistoric Archaeology**

Cervantes, Mark (Graduate - University of Wyoming)

**Utilizing UAV and Lidar for Spatial Analysis at The Boys Industrial School in Golden, Colorado**

Groskopf, Cyndal (Graduate - University of Denver)

**High Altitude Histories: Alpine Archaeology in Rocky Mountain National Park**

Kuhr, Aleah (Graduate - Colorado State University/Center for Mountain and Plains Archaeology)

**Settlement Patterns of Pre-Contact Indigenous People along the Bajada of the Sangre de Cristo Mountains in the San Luis Valley**

Norton, Katie (Undergraduate - Colorado College)

**Landscape and Built Environment Analysis Using LiDAR: Mapping of CCC Camp BR-93, Mancos, CO**

Young, Caitlyn, Andrew Rogers, Sami Zeponi (Undergraduate - University of Denver)

## Paper & Poster Abstracts

### **Collaborative and Community-Engaged Archaeology: Some Views on Successfully Partnering with Indigenous and Local Communities (Paper)**

**Bello, Charles A. (Federal Emergency Management Agency)**

Collaborative and Community Engaged Scholarship (CES) is an important topic in our profession, encompassing a growing diversity of activities. I will discuss issues and best CES practices in archaeology and show how CES displays commitment to conducting research and historic preservation in effective partnership with multiple stakeholders as a matter of fairness, ethics, and as a way to create and co-create robust and useful final products. Archaeological projects affect Indigenous peoples, local residents, and descendant communities in many ways. These groups often have relatively little input into what “others” say about, or do with, their heritage. The goal of my presentation is to use community involvement and participation as a way not only to give a voice to groups that have been essentially voiceless, but to empower all stakeholders— especially on projects that involve “multiple pasts.” Trajectories of developing relationships and projects that can become respectful, useful, and productive CES will also be discussed.

### **Photogrammetry at Your Fingertips: Using 3D Capture Applications in Archaeological Fieldwork (Poster)**

**Boyd, Lars, MA, RPA. (HDR)**

Archaeologists have been using various tools for data collection during their fieldwork for over a hundred years. However, recently, there has been a shift from traditional tools like optical instruments, compasses, and paper to mobile devices that have built-in satellite-based location services and digital site recording applications. This transformation has revolutionized fieldwork, providing access to new digital tools through application stores. One such class of digital tools is 3D capture applications, which enable archaeologists to create 3D models of sites, features, and artifacts. Despite the many benefits of 3D capture applications, they are often overlooked during data collection in the field. In this poster, I will share my personal experience with 3D capture applications during site recording and explain why every archaeologist should consider expanding their digital toolkit with 3D applications.

Doing so can help improve deliverables and the overall interpretation of a site.

**Vestaterix Expeditions: Decolonizing Archaeology, Geology, and Paleontology Through Public Engagement and Citizen Science (Paper)**  
**Brown, Monica, Therman Ehrhardt, Elizabeth Hughes, Alexandra J. Jones, Hannan LaGarry, Amanda Larin, Alexander Moreland, Katharine L. Moreland, and Isaac Russell. (Vestaterix Expeditions)**

Vestaterix Expeditions (VE) is a Colorado 501(c)3 educational nonprofit dedicated to making archaeological, geological, and vertebrate paleontological research experiences available to everyone. To date, we have conducted 12 expeditions having 48 participants (many attending 3 or 4). Our five-day expeditions are adapted from a place-based, constructivist field trip andragogy developed at Oglala Lakota College (OLC) to accelerate Native students in STEM research. On day 1 participants receive instruction at one or more educational sites within western Nebraska's Cultural Heritage Corridor (INTRODUCTION). On day two, participants explore the research area guided by the information from the educational sites (REINFORCED). On day 3 participants begin collaborating with principal investigators to address specific research questions and goals (MASTERY). We are data and publication driven and do not collect fossils or artifacts.

**Après-Ski at Rock Creek: A Case Study of the Rise and Fall of a Lost Ski Area (Poster)**

**Buckner, Paul and Leslie Moore. (HDR, ERO)**

Alpine skiing became an important economic driver in Colorado mountain communities after World War II. In many ways, the ski industry is a successor to the earlier mining industry, reflected by the transformation of mining towns like Breckenridge, Aspen, and Crested Butte into resort destinations. As with mining, skiing was historically vulnerable to boom-and-bust cycles. These cycles led to the abandonment of more than 120 former ski areas throughout Colorado, very few of which have been formally documented or evaluated for NRHP eligibility. Among these is the Rock Creek Ski Area. Founded near Allenspark in 1947, Rock Creek operated for just five seasons before ceasing operations. While its ski runs are now reforested, many features remain preserved at the site. Through an analysis of the industrial

archaeology and environmental history of Rock Creek, this poster highlights the significance of these lost ski areas to Colorado's industrial and recreational heritage.

### **The Twin Tunnels Site (5CC389), A Multi-component Campsite Along Clear Creek: Preliminary Results (Paper)**

**Bugg, Travis, Chris Kinneer, Ben Perlmutter, Kristi Gensmer, Bryn Sullivan, Kaeleigh Ray, Michelle A. Dinkel, and Caden Hooker. (Centennial Archaeology LLC)**

In 2023 Centennial Archaeology conducted mitigative excavations at the Twin Tunnels Site (5CC389) overlooking Clear Creek east of Idaho Springs as part of the CDOT Floyd Hill Project. It was originally investigated by CDOT in 1988/1989. Testing revealed charcoal-laden soil, projectile points, lithics, bone, and pottery fragments. To mitigate unavoidable impacts, Centennial excavated a total of 44 1m<sup>2</sup> excavation units. While analysis is ongoing, this paper provides a preliminary summary of the findings of the excavation. Projectile points indicate repeated reoccupations spanning the Early Archaic through the Middle Ceramic periods, with a particularly robust Early Ceramic period component. Recovered materials include flaked stone tools, debitage, ground stone, pottery fragments, bone, and thermal features. A historic component contains structural and domestic artifacts and a large faunal assemblage. Excavated stratified sites are uncommon in the mountains and 5CC389 provides an important window into the prehistoric mobility and settlement patterns, and subsistence strategies in a transitional environment between the plains and the high country.

### **A Case of the Thermis: Summary of Recently Recorded Features from Moffat County, Colorado, and Sweetwater and Carbon Counties, Wyoming (Poster)**

**Campbell, Ross, Lindsay Deaver, Bailey Kirsten, and Spencer Little (SWCA Environmental Consultants)**

Morphometric analysis of Indigenous technologies can reveal typological patterns across space and time. While these analyses are most often applied to artifacts, features are well-suited to these sorts of investigations as well. This poster summarizes recently recorded thermal features excavated across a large linear corridor in Northwest Colorado and Southwest Wyoming. Data from investigated features in

these areas are compared to understand how feature morphologies and characteristics vary across this corridor. The analysis of these quantified variables produce meaningful, data-derived groupings of feature morphologies that will be used in future work to further evaluate variability in feature types in the region.

**Douglas County’s Virtual Museum: A New Tool for Researchers and the Public to Learn About the History and Archaeology of the County. (Poster)**

**Cassell, Brittany, and Todd McMahon. (Douglas County History Repository and Interpret Site L.L.C)**

Douglas County has a newly revised publicly accessible research tool. The County recently revised and relaunched its web presence for the County’s artifact collections stored at the Douglas History Repository in Castle Rock. The new website was built using an interpretive plan that included the use of themes, interactive media and educational lesson plans. The Virtual Museum ties into the County’s comprehensive master plan and targets specific interpretive goals to reach heritage enthusiasts, students, educators and the general public. Six in-depth on-line showcase exhibits focus on key archaeological and historic site collections including the Rueter-Hess area, Blackfoot Cave, Bayou Gulch, and the historic site of Russellville. The Virtual Museum is a platform that future projects within the County over time could use to showcase collections and archaeological work. The Virtual Museum encourages its use by students, professionals and the general public.

**Finding High Traffic Areas in the Snowy Range Using Least-Cost Paths and Prehistoric Archaeology. (Poster)**

**Cervantes, Mark (University of Wyoming)**

There has been a long history of looking at archaeological site distribution and how it relates to least cost paths that are created from computational algorithms. In many cases, the creation of least-cost paths requires that there are known starting and ending points that will tell us something about traversing the landscape to and from those sources and destinations. Unfortunately, those starting and ending points on the landscape are not always present in the given data. This project examines the “From Everywhere to Everywhere” model that

does not require starting and ending points in advance. This will allow us to look at the least-cost paths from many different angles of the Snowy Range in the Medicine Bow National Forest. This poster will also show a kernel density interpolation of paths and known sites to find the highest traffic areas of the Snowy Range. With the creation of the least-cost paths combined with the known archaeological site distribution, we see that least-cost paths are a significant variable when looking at an area such as the Snowy Range.

### **Archaeology and the Nation's Newest National Park, Amache National Historic Site. (Paper)**

**Clark, Bonnie J. (University of Denver)**

Colorado's WWII-era Japanese American confinement site is the nation's newest national park. That transition was aided substantially by community-supported archaeological study. This paper overviews 20 plus years of archaeological research at Amache and how it has contributed to the site's new standing.

### **Update on Granary Research in the White River Drainage of Northwestern Colorado . (Paper)**

**Gardner, Dudley (WAARI)**

Individuals like Lukas Trout, Steve Baker, Steven Creasman, and Jason LaBelle have conducted research on Formative Period granaries in the White River Drainage Basin since 1977. This presentation will integrate with what they found with the results of excavations at 5RB705. By looking at past investigations and recent work on granaries in the area we are gaining a more refined understanding of construction techniques and location of granaries. This presentation will briefly put forth an update on what we have learned about the granaries in Northwestern Colorado.

### **If the Shoe Fits: Following the Proto-Apache Footwear Trail from the Subarctic to the Southwest. (Paper)**

**Gilmore, Kevin P., Edward A. Jolie, and John W. Ives. (HDR, University of Arizona, University of Alberta)**

An article currently in press (Gilmore, Jolie, and Ives 2024) examines the growing number of Subarctic-style BSM 2(Bb) moccasins found in collections throughout the Southwest. These moccasins are comparable



to those from the Promontory Caves in Utah and Franktown Cave in Colorado, dated to the late twelfth to late thirteenth centuries. These moccasins are attributed to Apachean ancestors who retained aspects of Subarctic material culture prior to their differentiation into historically recognized Diné (Navajo) and Ndee (Apache) groups, and thus may reflect the movement of Athapaskan speakers from the northern Dene homeland into the Southwest. Recently documented moccasins from contexts post-dating the Promontory and Franktown occupations, particularly the examination of a moccasin from Montezuma Castle National Monument in Arizona, provide evidence of the apparent rapid expansion of the proto-Apache throughout the Southwest, and their potential role in the replacement of Puebloan fiber sandals by leather footwear sometime after AD 1300.

**“...Cool, Clear, Water:” Effects of Drought and Climate Variability on Formative Period Prehistoric Populations in the Upper Colorado River Basin, Western Colorado. (Poster)**

**Gilmore, Kevin P., Donald Sullivan, and Maria Caffrey. (HDR, University of Denver, Independent Climate Warrior)**

This study examines the importance of both drought and increased variability in climate and their effects on Formative populations over the past 2300 years on the Western Slope of Colorado. Records of drought and climatic variability for this period were generated from temperature and effective precipitation proxies derived from the sediments from Kannah Creek Fen on Grand Mesa and tree-ring reconstructed PDSI. These paleoenvironmental proxies document relatively abrupt transitions between hot, dry conditions to cool, wet conditions. Our data indicate that increased interannual climate variability, even in the absence of significant changes in baseline precipitation values, can be as powerful a driver of culture change as drought alone, and severe drought in conjunction with increased interannual climate seems to exert an even more significant influence on human populations. The regional extent of drought also seemed to also influence the magnitude of prehistoric population responses and adaptive changes to culture.

**“All Day I’ve Faced a Barren Waste, Without the Taste of Water...”  
Drought, Temporal Climate Variability and Prehistoric Population  
Dynamics at the Foot of the Front Range. (Poster)**

**Gilmore, Kevin P. (HDR)**

Archaeologists often cite drought as a major disrupter of prehistoric human societies and driver of culture change. However, the response of human societies to drought is often complex, and population size, density, and proximity to carrying capacity influence those responses. Severe drought and temporal climate variability both have a negative impact on net primary productivity and therefore the quantity and predictability of critical resources. The reconstructed PDSI-based Volatility Index allows examination of the interaction of drought and climate variability on prehistoric people. In eastern Colorado, the Early Ceramic Drought (AD 250-550) is characterized by significant but stable drought conditions. A small (but expanding) population adopted more efficient resource procurement technologies allowing population growth during periods of reduced environmental productivity. Conversely, during the Medieval Climate Anomaly (AD 950-1450), the rapid onset of severe drought (AD 1145-1158) led a large and increasing resident population to collapse, possibly resulting in population replacement.

**Utilizing UAV and Lidar for Spatial Analysis at The Boys Industrial  
School in Golden, Colorado. (Poster)**

**Groskopf, Cyndal (University of Denver)**

The Boys Industrial School in Golden, Colorado was established in 1881 and was used to indoctrinate American culture onto criminalized boys through the ritual of institutionalization. The militarized cultural environment, baseball team, and architecture influenced how relationships and culture were formed within the institution itself; and can be seen through analyzing the land location, landscape, and mapping the architecture of the institution. Viewing the institution through the lens of ritual, we understand how the building structure and landscape played a significant role in the influence of Americanization on young boys during the turn of the 20th century. This poster utilizes unmanned aerial vehicle (UAV) acquired point cloud data (lidar) as a strategic tool to highlight the changes over time in landscape

and architectural structures regarding security changes, landscape memory, and privacy at the Boys Industrial School.

### **It Takes a Village: An Update on 2023 Excavations at the 5DA3991 Rockshelter, Douglas County, Colorado. (Paper)**

**Hedlund, Jonathan, Justin Batista, Brittany Cassell, and Tiana Duncan. (ERO, Douglas County)**

Douglas County (County) and ERO Resources Corporation (ERO) completed the final season of excavation at 5DA3991, a small rockshelter with 1-meter-thick deposits. At the completion of the 2022 season, four consulting tribes requested that ERO and the County expand the excavations to recover the remains of an ancestor and surrounding assemblage. The County was awarded another State Historical Fund (SHF) grant in 2023 and, through the support of SHF staff, volunteers, multiple agencies, and tribes, ERO excavated an additional 16 square meters. The excavation was bolstered by weekly virtual meetings with consulting tribes that created opportunities to discuss results in real-time. A broad variety of artifacts associated with 4000 years of history were recovered by ERO archaeologists and invaluable Colorado Archaeological Society and County volunteers. Now, ERO and the County are beginning analysis and reporting to reconstruct a complex, and at times infuriating, layering of strata and components.

### **Citizen Science Research at Chancellor Ranch, Las Animas County. (Paper)**

**Johnston, Chris, and Kelton Meyer (Paleocultural Research Group)**

In 2022, PCRG researchers and citizen science volunteers conducted an assessment survey at Chancellor Ranch, a 53,000 Colorado State Land Board property on the Chaququa Plateau bordering the Purgatoire River and the Pinon Canyon Maneuver Site. The ranch was in private ownership until the early 2000s and little archaeological research had occurred on the property. The 2022 reconnaissance survey covered 250 acres and documented 41 cultural resources. American Indian sites—including open camps, rock art, and rock shelters—range from the Early Archaic period through the Late Prehistoric period. There are also several large homesteads and ranching sites on the property, including the remnants of jacal and adobe structures. The results of the survey

will be shared, along with plans for additional work on the property this coming summer thanks to recent funding from the State Historical Fund and the State Land Board.

### **High Altitude Histories: Alpine Archaeology in Rocky Mountain National Park. (Poster)**

**Kuhr, Aleah (CSU CMPA)**

Archaeological crews from CSU's Center for Mountain and Plains Archaeology conducted a high-resolution survey of the ridges and lakes within Rocky Mountain National Park over the past two summers. This past year, our crews focused on Tombstone Ridge, Chapin Pass, Mummy Pass, Gorge Lakes, Jim's Grove, and the lithic landscape of Forest Canyon Pass. Our ongoing efforts recorded various artifacts such as scattered lithics, ceramic pot drops, camps containing ground stone, and hunting zones. While some of these areas have been familiar to archaeologists for nearly a century, our current research aims to deepen our understanding of their spatial and temporal context through a "low and slow" survey approach. This poster showcases several of the highlights of our survey work within the park.

### **The Sodbuster Project: A 50-Year Longitudinal Surface Collection in Northeastern Colorado. (Paper)**

**LaBelle, Jason (CSU CMPA) and Mike Toft (Independent Researcher)**

Professional archaeologists rarely conduct longitudinal surface studies, often due to lack of time, money, or interest. As such, our observations and perception of archaeological "sites" are often based on short, one-time visits greatly influenced by surface vegetation, erosion, limited survey areas, permission, prior collecting by others, etc. In contrast, independent researchers Mike Toft and Mike Dollard have mapped, collected, and documented over 1000 archaeological localities from private lands in Logan and adjacent counties of northeastern Colorado and southwestern Nebraska over the past 50 years. Their Sodbuster Project, named for the sites exposed as ranchlands were freshly tilled for wheat farming in the 1970s, provides invaluable insights into the near surface archaeological record. While some of the "sites" are small and discrete, others are massive lithic and ceramic scatters covering large areas in size. Toft and Dollard revisited these private properties after major windstorms during the late winter and spring, increasing the

spatial boundaries of these sites and salvaging tens of thousands of artifacts ahead of next year's plow. Whereas most professional surveys are lucky to yield a handful of tools from any one site, the Sodbuster Project demonstrates that many sites were reoccupied countless times over millennia and can contain massive assemblages. The Sodbuster Project can help researchers expand conventional archaeological understandings about past group size, reoccupation, seasonal direction of travel, and cultural connections between the Central and Western Plains.

### **From Academic Training to Professional Careers: Disconnects and Opportunities. (Panel)**

**Larkin, Karin, Minnette Church, Anna Cordova, Michelle Slaughter, Holly Norton, Obi Oberdier, Ammy Gillaspie, and Kristi Gensmer. (Multiple)**

Given what we know about the challenges of the current and upcoming hiring landscape, this panel discussion is designed to gather feedback on how we can partner to create a better prepared and diverse workforce. Our panel will have representation across the profession and will build on over 10 years of thinking about this issue. Slaughter and Larkin collected data on the disconnect between academic training of students for applied careers. At UCCS, Larkin and Church have used these data to implement new undergraduate curricula aimed at training students for CRM, agency, and museum work. We are currently working on creating an interdisciplinary MA program with our Geography and Environmental Studies department called Cultural Heritage and Environmental Management. Our panel will pose questions such as: Because the professional landscape is changing, how can we attract a diverse student body to prepare to enter the workforce? What are current hiring challenges and where are the skills gaps? What barriers do new archaeologists encounter when trying to successfully land their first job? What opportunities exist for partnerships for recruiting and training a future workforce?

## **Rediscovering a Resting Place: Using Geophysics to Find and Outline the Fort Sedgwick Post Cemetery. (Paper)**

**Limbaugh, Riley (CSU CMPA)**

The Fort Sedgwick Post Cemetery was officially moved to Fort McPherson, Nebraska in 1873 following the decommission of the Post. Personnel presumably removed the grave markers from the site when the cemetery was moved, and therefore detailed documentation on many of the graves and their former locations was either never recorded or has been lost. Today, the existence of the cemetery is known only by references to its existence in Fort McPherson's records, and the exact location of the Fort Sedgwick cemetery remains unknown. Oral history suggests the cemetery is located on a hill south of the former Fort. This presentation is based on a recent near-surface ground penetrating radar (GPR) survey I conducted at this location, covering more than 2,875 m<sup>2</sup> of area near the former Post. The survey revealed several anomalies measuring roughly one by two meters, ordered lengthwise east to west and in patches across the site. While not definitive at the present time, these anomalies may be interpreted as grave shafts and justify the need for additional non-invasive surveys in this area to determine whether this is indeed the site of the Post cemetery.

## **The Nature and Transformation of Archaeological Data. (Paper)**

**Lutz, Dr. Bruce**

This talk elaborates on a paper that I gave last year at the CCPA conference in Ouray. The essence of both papers remains the same; what is the nature of archaeological data and how is it transformed to produce cultural constructs that are the centerpiece of modern anthropological archaeology? The transformation of data into forms useful for developing cultural constructs is not straightforward. One obstacle lies in the very nature of archaeological data. Does archaeological data consist only of material objects? If not, what else does it consist of? A second obstacle lies in the transformation of data into forms useful in producing cultural constructs. The problems associated with these issues suggest that a sense of humility might be in order.

**Intensive Quarrying in the Central Plains at Flattop Butte. (Paper)**  
**Madden, Robert. (CSU CMPA)**

Flattop Butte is a low, irregularly shaped mesa in Logan County, Colorado. It is the source of Flattop Chalcedony, a White River Group Silicate material, one of the most widely used tool-stones in the Central Plains of North America from the Clovis period to the Late Prehistoric period. In the summer of 2023, the Center for Mountain and Plains Archaeology at Colorado State University conducted fieldwork at the site. Surface survey included mapping of quarry pits and location and analysis of high-density debris zones. Excavation in the center of an aboriginal quarry pit revealed the exploitation of deeply buried (over 3.5 meters) tool stone deposits, with the fill containing thousands of pounds of chalcedony and limestone debris, interspersed with bone and charcoal. The author reports here on data suggesting intensive quarrying activity at the site in the Late Prehistoric period.

**Making Sense of Time and Space in a ‘Noisy’ Surface Scatter at the Reddin Site, San Luis Valley, Colorado. (Paper)**

**Meyer, Kelton. (CSU CMPA)**

The Reddin site (5SH77) is an 83-acre open lithic scatter found in the alkali flats of the Closed Basin – an environment scarred with Pleistocene stream channels, wetlands, and playas. The site is perhaps best known for its uniquely wide spatial breadth and abundance of Folsom artifacts, including more than 500 diagnostic pieces (projectile points, preforms, and channel flakes). Little is reported about the Holocene archaeology of the site, but it includes nearly 200 projectile points spanning the Archaic and Formative stages – including the Oshara sequence of northern New Mexico. This presentation characterizes spatial and technological relationships between Folsom and later components at the site, and further navigates the maze of analysis when dealing with complex surface scatters like Reddin.

**A Postcard from the Far Quarter. (Paper)**

**Mitchell, Mark. (Paleocultural Research Group)**

Archaeological contexts provide a kind of roadmap for navigating the past. But how do we know when we’ve driven off the edge? Medieval cartographers encircled their maps with illustrations of dragons and monsters to signify the frontier of an uncharted—and dangerous—

mythological realm. The age of dragons may be past, but the need for landmarks at the edge of the map is no less real. Data from the Holt Canyon Camp site in southwestern Baca County suggests that flaking debris, the most prosaic of artifacts, may help us locate the edge.

### **Pipe Down! Urban Archaeology of Denver's Utilities. (Paper)**

**Mueller, Megan and Andrew Mueller. (HDR)**

In late 2023 and early 2024, the City and County of Denver discovered a historical wooden pipeline during construction along Federal Boulevard (SH 287) in historic Highlands. The project is overseen by CDOT who is coordinating Section 106 clearance with SHPO. Unlike previously known historical water utilities in Denver, the pipeline was built from bored logs instead of the expected wooden stave or cast-iron pipelines. Important questions include who built this pipeline, from what source(s) and where/how was the water used? Prior to research, it was unclear if the pipe was manufactured locally or was transported from outside the state. Since Denver Water does not claim ownership of the pipeline, its association to the historical Denver municipal water system is unknown. This presentation examines current research on Highlands water company histories, known historical pipeline technologies used in the project area, and how this unique pipeline fits into this story.

### **We're Not in Texas Anymore Archaeological Investigations into Urban Form in Dallas, Colorado. (Paper)**

**Newberry-Cushman, Tristan. (University of Denver and Colorado Parks & Wildlife)**

Dallas, Colorado, was a 19th century gold mining town and short-lived regional transportation hub. My analysis of Dallas holds that Western towns should be considered part of larger systems and not isolated frontier towns. This presentation discusses the methods and preliminary results of the 2023 field season. This research has used drone photographs, GIS mapping, and probabilistic sampling for site identification and analysis. Vegetation patterns provided unique insight into the location of subsurface deposits. This presentation discusses how these tools informed siting of subsurface investigations, and the analysis of their results. I will also contextualize these results to show how the town functioned as a node of urban systems the American West.



## **The Preservation of African American Heritage Sites: A View from the West. (Paper)**

**Norton, Dr. Holly (History Colorado)**

The visibility of Black heritage sites on the National Register of Historic Places became a point of national conversation in 2020, when it was published that less than 1% of the National Register included sites related to African American history. The protests that erupted several months later in the wake of the murder of George Floyd in Minnesota focused on monuments and historic sites glorifying white supremacy. The national conversation took on a variety of facets, including a renewed look at how historic, archaeological, and other heritage sites related to African American history were acknowledged and preserved. Since then, there has been pressure for state historical societies and historic preservation offices to diversify the National Register, and to include African American history in broader narratives. This is particularly felt in many Western states that have sometimes minimized Black history. This article discusses recent efforts to list and recognize sites in the Western United States, and the challenges and critiques of traditional historic site designation. The renewed intent to formally list African American sites is coupled with more community centered practices to identify, record, and acknowledge the complicated histories of Black communities in the West.

## **Settlement Patterns of Pre-Contact Indigenous People along the Bajada of the Sangre de Cristo Mountains in the San Luis Valley. (Poster)**

**Norton, Katie (Colorado College)**

The San Luis Valley is one of Colorado's least archaeologically studied areas (Mitchell and Falk 2017). The research area covers 87 sites from the base of the Sangre de Cristo Mountain Range in the San Luis Valley dating from the Late Paleoindian period to the Late Prehistoric period. This paper explores what environmental factors may have affected the settlement patterns of pre-contact Indigenous people of the San Luis Valley through the spatial and quantifiable relationships between site locations, hydrology, mule deer ranges, soil types, elevation, and temperature to infer what the connections between each relationship may be. The results may give us insight into migration and seasonal settlement patterns of Indigenous groups. The high density of sites in

the mule deer's winter range, areas with very fertile soil, and areas well-suited for pinyon trees indicate a likelihood of a strong motivation for picking these locations due to their resource availability.

**Unentangled: Extracting Theoretical Insights From Messy Data. (Poster)**

**Oberdier, R. "Obi"**

In Colorado, archaeological sites are recorded on Management Data Forms. These forms ask the archaeologist to collect a robust set of holistic data, to provide ample context, and to evaluate each site for significance. The resulting heap of interdisciplinary data can be messy and hard to interpret. Entanglement Theory, as put forth by Ian Hodder, posits that humans and material objects are inextricably linked, forming intricate webs of mutual dependency. By exploring the webs of dependency between a wide array of factors and agents, Entanglement Theory proposes to form a bridge from complex archaeological data to broader theoretical issues in anthropology. This poster considers Colorado's Management Data Forms through the lens of Entanglement Theory. By embracing complexity and interdisciplinary research, Management Data Forms seem to provide a strong empirical foundation for further exploration of Entanglement Theory's cogency. This poster provides a starting point for such exploration.

**Promontory, Dismal River, and Western Athabaskan Pottery: The Apache Ceramic Tradition in Wyoming. (Paper)**

**Page, Michael K. (Office of the Wyoming State Archaeologist)**

Pottery thought to have been made by ancestors of the Apache peoples has been recovered from about 75 sites in Wyoming. Some of this pottery is unambiguously affiliated with the Promontory Culture, and some of it with the Dismal River Aspect. Most, however, is something in between that many in Wyoming have loosely referred to as Western Athabaskan. Following a brief overview of the archaeological evidence from Wyoming, the pottery from these apparently related cultural complexes will be described and compared. The evidence suggests that all of this pottery is part of an Apache ceramic tradition that appears to have originated in the intermountain basins of Wyoming around cal AD 1000. From there, the ceramic tradition and presumably the ancestors

of the Apache people who created it, spread to the west, east, and south over the next several centuries.

### **In Search of the Willow Springs Stage Station. (Paper)**

**Pelton, Spencer (Office of the Wyoming State Archaeologist)**

The Willow Springs campsite is a major Late Precontact campsite and late 19th century historic site located around a perennial spring in the southern Laramie Valley. Willow Springs is the known location of an Overland Trail Swing Station that experienced Plains Indian Wars conflict during the summer of 1865. Historic artifacts recovered by the University of Wyoming's William Mulloy in the 1960s seemed until recently to represent archaeological evidence associated with this period of use. The Office of the Wyoming State Archaeologist resumed work at the Willow Springs campsite in 2021 to evaluate archaeological evidence for the Station, among other questions. This presentation draws from historical and archaeological research to critically evaluate the notion that the historic artifacts and structure present at Willow Springs represent the remnants of the Willow Springs Stage Station.

### **Connecting Communities Through Archaeology: IAD 2023 Highlights & Future Plans for IAD 2024. (Paper)**

**Saxon, Jasmine, and Jessica Ericson (Community Connections LLC)**

Community Connections LLC presents the success of International Archaeology Day (IAD) 2023, co-hosted with Colorado Preservation Inc and generously funded by the State Historic Fund History Colorado, alongside numerous sponsors. Held at Red Rocks Park & Amphitheatre in Morrison, Colorado, on October 21st, IAD 2023 attracted 997 guests, exemplifying the archaeology community's dedication to inclusivity and community engagement. With over 300 participants enjoying guided tours and offsite activities, supported by 62 volunteers and 34 exhibitors, the event underscored the profound significance of archaeology and history in contemporary society. Plans for IAD 2024 aim to further enhance attendee experiences and celebrate our cultural heritage. Join us!

**Each Pole had a Meaning: “Investigating a Plains Tipi” Lesson Demonstration and the Briefest Project Archaeology and Institute of Heritage Education Update Ever. (Paper)**

**Simon, Becca (CDOT, Institute for Heritage Education)**

Throughout 2023, transition, transformation, and growth defined Project Archaeology, which experienced a massive operational transition – replanting the Program with two new national partners. Southern Utah University (SUU) in Cedar City, Utah serves as the new operational headquarters while the Institute for Heritage Education (IHE), a national heritage education non-profit based in Montana, provides funding, leadership, and curriculum guidance. Project Archaeology continues to be vibrant in Colorado. This presentation will give the briefest of brief updates on the Colorado program and demonstrate a lesson from the “Investigating a Plains Tipi” curriculum, featuring data from the Walker Site, excavated in Wyoming, in 1992.

**A General View of Selected Archaeological Sites in the Flattop Butte Region. (Poster)**

**Toft, Mike (Independent Researcher)**

This map is designed to familiarize the viewer with the sites around Flattop Butte, not only formally investigated sites, but also important avocational discoveries. Below the map are photos of various sites. A limited discussion of research possibilities is also presented.

**Geology and Physiography of Northeastern Colorado, with an Emphasis on Toolstone Sources. (Poster)**

**Toft, Mike (Independent Researcher)**

Using a geologic map as a base, many important physiographic features are shown, illustrating the relationships of these geologic features to one another and how they might influence the pattern of archaeological occupation. Toolstone sources are stressed and terminology used to describe these sources is discussed. Below the map, toolstone examples are displayed in Riker mounts.

## **What One Artifact Points Out: A Dissection of a Dynamic Hybrid from Fort Vasquez. (Paper)**

**Toussaint, Aaron (University of Denver)**

In 1835, Pierre Louis Vasquez established Fort Vasquez along the South Platte River to trade for bison products with the region's Indigenous groups. Though this fort was not the first instance where these Indigenous communities encountered Euromericans, it did mark the beginning of an era of Euromerican settler-colonialism that would permanently affect the region's dynamics. An artifact from Fort Vasquez that can convey this is FV-1-512, an amber glass projectile point lodged in a bison bone. This paper takes an approach informed by Janet Spector's *What This Awl Means* and Kathrine Hull's research in Yosemite Valley to understand the varying and unique data that can be extrapolated from one artifact and convey a detailed story of hypothesized use. Drawing from similar archaeological collections and sites, ethnohistoric research, and Indigenous ledger art, this paper explores how we can produce better-informed research in the future when such unique artifacts are encountered.

## **At the Crossroads of History: Excavations at Tel Shimron, Israel. (Poster)**

**Tucker, Gordon C. Jr., PHD. (Productively Retired Archaeologist)**

Tel Shimron is an ancient site, located on the edge of the Jezreel Valley in the Lower Galilee region of Israel. It is mentioned in the Hebrew Bible by this name, and in other period sources as Shimon. In Late Antiquity, it was known by the name Simonias, as mentioned by Roman-Jewish historian Flavius Josephus. The Arabic name of the site is Tell Samunia, also written Samunieh. At its most extensive size (48 acres) during the Middle Bronze Age (2000-1550 BCE), Shimron was one of the most important cities in northern Canaan. Tel Shimron lies on the main trade route from Arabia to the Mediterranean Sea. Throughout antiquity, this was the major connection from east to west in this region. Shimron is the largest site on that route. Through most of the Bronze Age and Iron Age, Shimron dominated that route between the Mediterranean and the Arabian Peninsula.

## **Landscape and Built Environment Analysis Using LiDAR: Mapping of CCC Camp BR-93, Mancos, CO. (Poster)**

**Young, Caitlyn, Andrew Rogers, and Sami Zepponi. (University of Denver)**

We analyzed open-source aerial LiDAR data from Civilian Conservation Corps Camp BR-93(5MT.16478), located in Mancos State Park, Colorado, to augment our understanding of the built environment. Here we present a novel LiDAR analysis that better represents the layout of the camp as it was built than previous ground-based survey. We identified historic road alignments, as well as evidence of buildings that were removed by Japanese-American Boy Scouts from the Granada Relocation Center in 1943. While no longer extant, these features are important to understanding the built environment of the camp. We used LiDAR data to evaluate how landscape holds memory and the relationship between people and place. We also investigated how evidence of culture related to the camp remains visible within the landscape. Ultimately, our LiDAR analysis helps tell the storied past of the CCC camp, and the lived experiences of those that called it home.

## CCPA Fellows

<b>Fellow</b>	<b>Year Honored</b>
Anderson, Adrienne Barbara (b. 1944)	2003
Benedict, James Bell (1938–2011)	2011
Black, Kevin (b. 1955)	2014
Breternitz, David Alan (1929–2012)	1992
Carrillo, Richard Francis (1945–2014)	2013
Cassells, Edward Stephen (b. 1945)	2010
Chandler, Susan Marlias (b. 1953)	2017
Collins, Susan Margaret (b. 1948)	2011
Eddy, Frank Warren (b. 1930)	2000
Horn, Jonathon Carwill (b. 1956)	2017
Lancaster, James Allen (1894–1992)	1982
Martorano, Marilyn Armagast (b. 1953)	2020
Metcalf, Michael Douglas (b. 1948)	2013
Morris, Elizabeth Ann (1932–2012)	1992
Reed, Alan Dean (b. 1954)	2017
Stewart, Omer Call (1908–1991)	1982
Wheat, Joe Ben (1916–1997)	1982
Wormington, Hannah Marie (1914–1994)	1982
Zier, Chris (b. 1950)	2018

## **Past CCPA Conference Locations**

<b>Year</b>	<b>Location</b>	<b>Venue</b>
1978	Glenwood Springs	Hotel Colorado
1978	Ft. Collins	Colorado State University
1979	Denver	Colorado Heritage Center
1980	Denver	Colorado Heritage Center
1980	Field trip	Southeast Colorado
1981	Denver	Colorado Heritage Center
1982	Denver	Denver Marriott, City Center
1983	Denver	Denver Museum of Natural History
1983	Field trip	Gunnison Basin
1984	Boulder	University of Colorado
1985	Glenwood Springs	Hotel Colorado
1985	Laramie, Wyoming	University of Wyoming
1986	Ft. Morgan	Morgan Community Center
1987	Durango	Ft. Lewis College
1988	Grand Junction	Mesa College
1989	Denver	Grant Humphreys Mansion
1990	Dolores	Anasazi Heritage Center
1991	Boulder	University of Colorado
1992	Grand Junction	Holiday Inn
1993	Greeley	University of Northern Colorado
1994	Montrose	Montrose Pavilion
1995	Ft. Collins	University Park Holiday Inn
1996	Dolores	Anasazi Heritage Center
1997	Golden	Colorado School of Mines
1998	Pueblo	Pueblo Convention Center
1999	Glenwood Springs	Hotel Colorado



<b>Year</b>	<b>Location</b>	<b>Venue</b>
2000	Denver	University of Colorado, Denver
2001	La Junta	Otero Junior College
2002	Gunnison	Western State College
2003	Durango	Ft. Lewis College
2004	Colorado Springs	University of Colorado, Colorado Springs
2005	Grand Junction	Grand Junction Hotel
2006	Estes Park	Rocky Mountain Park Holiday Inn and Conference Center
2007	Glenwood Springs	Hotel Colorado
2008	Ft. Collins	Hilton Hotel
2009	Alamosa	Inn of the Rio Grande and Adams State College
2010	Montrose	Holiday Inn Express
2011	La Junta	Otero Junior College
2012	Durango	Strater Hotel
2013	Denver	History Colorado Center
2014	Glenwood Springs	Hotel Colorado
2015	Estes Park	Rocky Mountain Park Inn
2016	Salida	Steamplant
2017	Grand Junction	Double Tree
2018	Longmont	Best Western Convention Center
2019	Durango	Strater Hotel
2020	Pueblo	Pueblo Convention Center
2021	Virtual	Via the REMO Application
2022	Denver	Denver Museum of Nature and Science
2023	Ouray	Wright Opera House

# CCPA Annual Meeting Policy and Code of Conduct

All CCPA members are entitled to safe and harassment-free meetings, and the CCPA is committed to providing a safe, respectful environment at its conferences and associated events. To that end, the CCPA will promote a harassment-free experience for everyone, regardless of gender identity and expression, age, sexual orientation, disability, physical appearance, body size, race, military service and status, individual lifestyle, marital status, physical or cognitive abilities, political affiliation, ethnicity, nationality, or religion (or lack thereof). The CCPA will not tolerate harassment in any form at any CCPA-sponsored events.

*Code of Conduct:* CCPA members shall adhere to the Code of Ethics. Additionally, the following behaviors are prohibited at CCPA Annual Meetings and CCPA events:

- Harassment of any kind, including sexual harassment, sexual assault, and coercion
- Physical or verbal abuse, including bullying or unfavorable treatment due to a physical condition, including without limitation pregnancy
- Unwelcome comments or exclusionary behaviors related to an individual's age, sex, gender identity and expression, perceived sexual identity, appearance or body size, military status, ethnicity, individual lifestyle, marital status, sexual orientation, physical or cognitive abilities, political affiliation, race, religion (or lack thereof), or nationality
- Disparaging organizations or groups that are generally associated with people of a certain gender, race, or other protected class
- Intimidation or stalking.

## **Procedures**

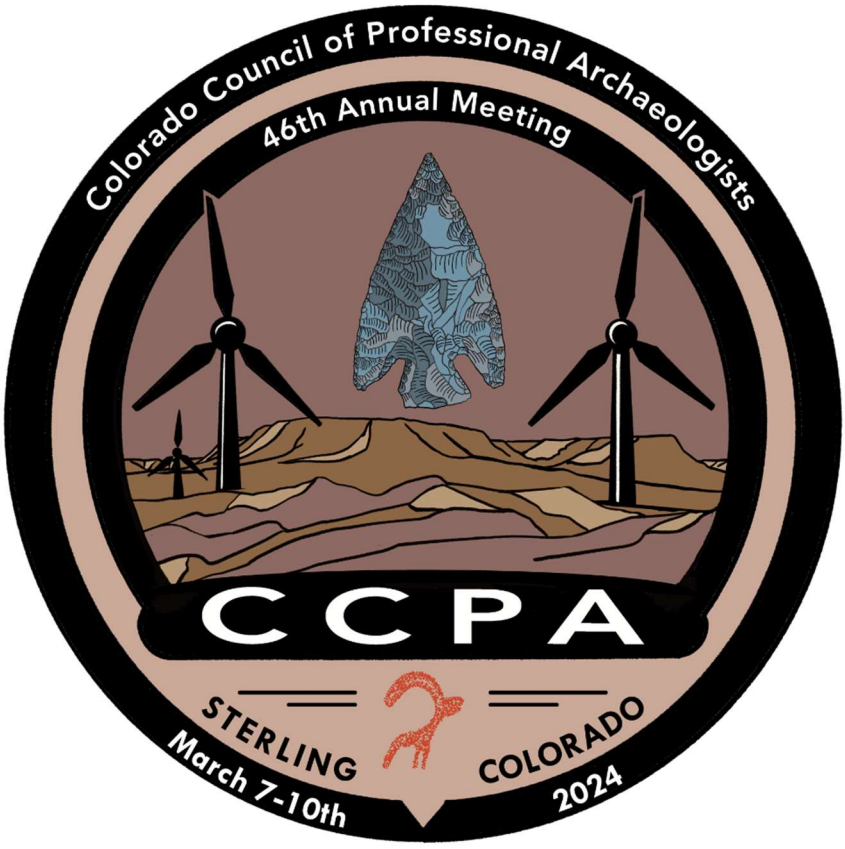
- Persons asked to stop any harassing behavior are expected to comply immediately.
- If a participant engages in harassing behavior, the CCPA may take any action it deems appropriate in its sole but reasonable discretion, up to and including loss of CCPA membership, and/or censure and expulsion from the conference with no refund. Actions will depend on the severity and pattern of behavior
- Any person who feels they are being harassed should immediately contact the Ethics Coordinator or Event Coordinators to report the incident. They may be asked to document the incident in writing. Incidents that occur at conferences or associated events will be investigated, and a decision on appropriate action will be reached in a timely manner by the Review Committee.

## **Confidentiality**

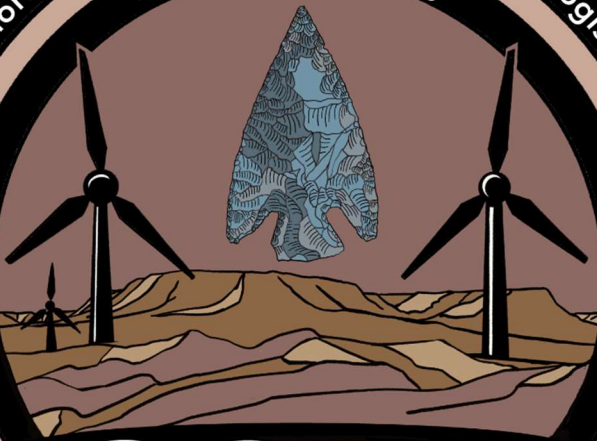
When any CCPA event participant discloses or reports an incident of misconduct, the CCPA's immediate priority will be the health, safety, and well-being of the attendee. The name of the complainant will be kept confidential by CCPA in order to protect the rights of that individual and prevent potential retaliation. The name of the accused will be kept confidential until such a time that, and if, an action is taken and as specified in the Code of Ethics.

## **Conference Self-Certification**

Attendance at a CCPA-sponsored activity requires adherence to the CCPA Code of Ethics. Any attendee who is required by a legal process to refrain from certain behaviors or from contact with certain individuals is expected to adhere to those restrictions while participating in all CCPA-sponsored activities. Violation of legal restrictions will constitute a violation of this CCPA Code of Conduct if disclosed or reported. The CCPA, at the time of conference registration, may require members to self-certify that they have not been the subject of adverse findings from a harassment lawsuit, nor have they been found at fault in a disciplinary action—including suspension or termination—from an adjudicated investigation.



Colorado Council of Professional Archaeologists  
46th Annual Meeting



CCPA

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