



**Colorado Council of
Professional Archaeologists**

43rd Annual Conference

...hopefully, CCPA's one and only
Virtual Conference on REMO
March 11-12th, 2021



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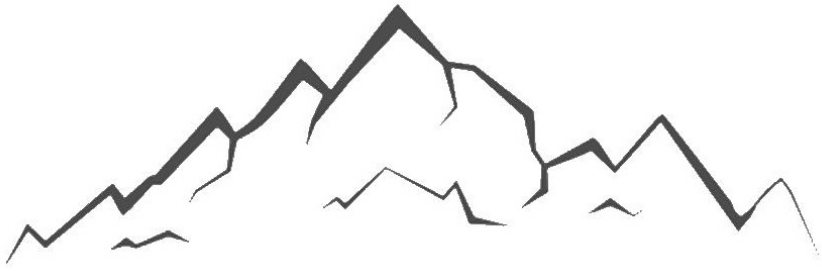
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ACKNOWLEDGEMENTS

Please thank the individuals listed below for their efforts in planning the 2021 meeting. I'd also like to thank the members of the CCPA who completed the Google poll in 2020 that helped inform the Executive Committee's decision to go virtual, and thanks to everyone for adapting so well to the change in platform – Charlie Reed, CCPA President (2020–2021)

Conference Organizers

Jacki Mullen
Charlie Reed

Sponsorship Coordinator

Mike Prouty

Conference Moderators & Hosts

Tosh McKetta
Jacki Mullen
Charlie Reed
Greg Wolff

Social Media

Michelle Slaughter

Nominating Committee

Angie Krall
Emily Long
Gordy Tucker

Student Paper & Poster Judges

Organizer: Tosh McKetta

Posters: Kristi Gensmer (Centennial Archaeology), Neil Hauser (Advanced Technical Solutions for Archaeology and Anthropology), and Jena Sadd (Alpine Archaeology)

Papers: Charles Bello (FEMA), Natalie Clark (BLM), and Dudley Gardner (WAARI)

A huge thank you to all of the sponsors, and the CCPA Executive Committee and Committee members for your incredible dedication to serve!

CONFERENCE CONTACTS

Executive Committee Contacts

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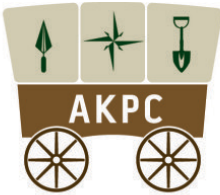
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GETTING AROUND THE REMO PLATFORM

We are excited to welcome you to CCPA's first-ever Virtual Conference! To help you prepare, we have included information below on accessing the event and using the conference software.

Accessing the Conference

Each day of the conference will be hosted in the REMO app (more information on the app features is available [here](#)). Things to know:

- You will receive an email invitation directly from REMO that includes a link to access the conference.
- You will receive a separate invitation for each day of the conference (make sure to check your SPAM box!).
- REMO does not require any downloads. You will click on your email link and follow your computer's prompts. Chrome and Safari are the preferred browsers. We have had issues with Internet Explorer and Firefox working properly.
- Use a laptop or desktop with a microphone and webcam. REMO is not designed for tablets or phones.
- When prompted, allow REMO to access your webcam and microphone. When you log-in for the first time, use REMO's test feature to ensure everything is working properly.
- Your REMO invitation is email specific, meaning you need to login to REMO using the email where the invitation was sent. You **cannot** forward your email invitation.

Create a Profile

- Follow the invitation link received in your email.
- Click "Sign Up Now"
- Enter your name, email, and password. **The email you enter needs to match the email where your invitation was received.**
- Agree to Terms and Condition, and click *Sign Up*.
- On the next screen, click on the circle in the upper right-hand corner of the screen, and then select *My Profile*.
- Select *Edit Profile* and fill in the information.
- To add a profile photo, select an image file that is a jpg, gif, or png. The file must be smaller than 512 KB in size.

Using REMO

Attendees will be able to interact directly with each other via both video and traditional web chat. When we are not in presentation mode, you will be able to move between tables and floors. The number of people per table varies by its size, but tables can have between two and eight people present, all participating in a video discussion together. You can also use the traditional web chat to have conversations with individuals, your table, or all attendees (as part of the general chat). We have included networking time in the schedule so you can take advantage of this feature!

Business Meeting

The annual business meeting will be overseen by current CCPA President Charlie Reed, assisted by a Technical Moderator. There is a lot to cover on this year's agenda, including numerous bylaw revisions. During the discussion, you will have the opportunity to ask questions and participate in discussions. You can either use the question and answer (Q&A) box or just simply raise your hand using the provided button.

To ask a question by chat, simply type your question in the Q&A box on the right-hand side of your screen. If you see that someone has asked a question that you want answered, you can up-vote in support of their question.

If you want to speak, click the "Raise Hand" button. If your question has been answered while waiting to appear on screen, please unraise your hand (click the button again). Once the discussion enters the Q&A period the Technical Moderator will send you an invite to appear on screen, and you will then be visible to all attendees. Once you are finished with your question and/or comment, turn off your camera and microphone and the Technical Moderator will remove you from presentation mode. If there is a technical glitch and your camera or microphone does not work, you can still use the Q&A function.

Voting during the Business Meeting

Only voting members of the organization (Voting, Native American, and Student Voting members) should participate.

When the President entertains a motion, if you would like to make said motion or second the motion, please raise your hand and the Technical Moderator will invite you to appear on screen to make the motion.

When a call to vote is requested, please use the "Raise Hand" button to cast your "aye" vote. CCPA Secretary Mike Prouty will tally the votes. Once he

is done, the Technical Moderator will clear the raised hands and the process will be repeated for the “nay” votes.

Agency Reports

CCPA President-Elect Greg Wolff will oversee the Agency Reports, assisted by a Technical Moderator. Greg will invite Agency Archaeologists on screen to give their report. If there is a technical glitch, Greg will have copies of the reports available to provide on behalf of the Agency Archaeologist.

Thursday Afternoon and Friday Presentations

Presentations are scheduled in groups of three—each presentation will be no more than 20 minutes long. After each group of presenters is done, we will have a question-and-answer period, if time allows. All three presenters will be brought back on-screen, and attendees will be able to submit questions using the Q&A box that will be visible on the right-hand side of your screen. The Technical Moderators will read the questions to the presenters on behalf of the attendees.

Technical Troubleshooting

If you are having issues with your camera and/or microphone upon entry, REMO can easily help! At the bottom of the screen on the left side is a button titled "Need help?" The REMO technical team will assist attendees in troubleshooting any technical issues you may be experiencing in the app.

SUMMARY SCHEDULE

Tuesday, March 9: Virtual Networking Event

- 4:00–6:00 PM
- Remarks by Dr. Bonnie Clark and CCPA President, Charlie Reed at 4:30 PM.

Thursday, March 11: Business Meeting, Agency Reports, and Presentations

Follow your Day 1 email invitation. It is valid all day Thursday. If you close REMO, follow the link again to re-enter the conference.

- REMO Platform opens: 8:00–8:15 AM
- CCPA Business Meeting: 8:15–9:35 AM (all are welcome)
- Break
- CCPA Business Meeting continues: 9:45–11:20 AM (all are welcome)
- Break
- Federal and State Agency Reports: 11:30 AM–12:20 PM
- Lunch Break: 12:20 PM–1:20 PM
- Poster Session (visit Table 18 in Remo during this time): 12:20–1:00 PM
- Special Paper Session: 1:20–2:40 PM
- Networking: 2:40–4:00 PM

Thursday, March 11: Executive Committee Meeting

- Executive Committee Meeting (by invitation only): 1:10 PM–3:30 PM

Friday, March 12: Presentations & Student Awards

Follow your Day 2 email invitation. It is valid all day Friday. If you close REMO, follow the link again to re-enter the conference.

- REMO Platform opens: 8:00–8:10 AM
- Paper Sessions: 8:10–10:25 AM
- Break: 10:25–10:35 AM
- Paper Sessions: 10:35–11:45 AM
- Lunch: 11:45 AM–12:30 PM
- Paper Sessions: 12:30–2:30 PM
- Break: 2:30–2:40 PM
- Student Awards: 2:40–3:00 PM
- Closing Remarks by Greg Wolff: 3:00 PM
- Networking: 3:10–4:00 PM

ANNUAL BUSINESS MEETING AGENDA

Thursday, March 11, 8:15-11:25 AM

Host: Outgoing CCPA President Charlie Reed

Technical Moderator: Tosh McKetta

8:15 AM – Call to Order, Changes to Agenda, and Officers’ Reports

- Call to Order & Agenda Changes
- Welcome and Waiver of Reading and Solicitation of Corrections – Charlie Reed (5 minutes)
- Officer Reports
 - Secretary’s Report – Mike Prouty (5 minutes)
 - Treasurer’s Report – Jody Clauter (10 minutes)

8:35 AM – Committee Reports

- Financial Review Committee – Marcy Reiser (5 minutes)
- Membership Committee – Jon Horn (5 minutes)
- Governmental Affairs Committee – Kimball Banks (10 minutes)
- Native American Scholarship – Bridget Ambler (5 minutes)
- Ward Weakly Memorial Scholarship – Mark Mitchell (5 minutes)
- Awards & Recognition Committee – Michelle Slaughter (no report)
- Ethics Committee – Marilyn Martorano (2 minutes)
- Communications Team (5 minutes)
 - Newsletter Editor – Jacki Mullen (no report)
 - Website – Mary Sullivan (3 minutes)
 - Email Listserver – Charlie Reed on behalf of Greg Williams (2 minutes)
- Publications Committee – Kelly Pool (5 minutes)
- Education Committee – Rebecca Simon (5 minutes)
- Student Affairs Committee – Charlie Reed on behalf of Kelton Meyer (2 minutes)

9:35-9:45 AM – Break

9:45 AM – New Business

- Call for new volunteer for the Awards and Recognition Committee
- 2022 CCPA Annual Meeting – Michele Koons (5 minutes)
 - Denver Museum of Nature and Science, Denver
- Colorado Archaeological Society Update – Karen Kinnear (5 minutes)
- Handbook update – Greg Wolff (5 minutes)
- Proposed changes to the bylaws – Charlie Reed (40 minutes)

- Discussion of 2020 scholarship increase by EC – Charlie Reed (15 minutes)
- Discussion of potential future updates to Bylaws – Charlie Reed (10 minutes)
 - Member suggestions following referenda publication
 - Codify ability for President to fill vacant EC positions on interim basis
- Recognition of outgoing EC members & pass the baton – Charlie Reed (5 minutes)
- Presentation of Incoming President – Greg Wolff (5 minutes)
- Election Results – Angie Krall (5 minutes)

11:20 AM – Business Meeting Adjourns

11:20–11:30 AM – Break

FEDERAL AND STATE AGENCY REPORTS

Host: Incoming CCPA President Greg Wolff

Technical Moderator: Tosh McKetta

Agency Reports – Thursday, March 11, 11:30 AM–12:20 PM

- Office of the State Archaeologist – Holly Norton (10 minutes)
- State Historical Fund – Katie Arntzen (5 minutes)
- Colorado Department of Transportation – Dan Jepson (5 minutes)
- Bureau of Land Management – Natalie Clark (5 minutes)
- Bureau of Reclamation – Kristin Bowen (5 minutes)
- Natural Resources Conservation Service – Craig Dengel (5 minutes)
- U.S. Army Fort Carson – Jennifer R. Kolise (5 minutes)
- Federal Emergency Management Agency – Charlie Bello (5 minutes)

12:20 PM – Morning Meeting Adjourns

12:20–1:20 PM – Lunch

PAPER PRESENTATION SCHEDULE

Thursday Afternoon Poster Presentation

Technical Moderator: Charlie Reed

The Days after Colorado's Darkest Day: Initial Work at an Early Indian Wars Battlefield in Colorado, USA

12:20–
1:00 PM Sumner, Raymond

Visit Table 18 to view Ray Sumner's poster. You will be able to chat with Ray and ask questions during this 40-minute period during the lunch break on Thursday.

Thursday Afternoon General Paper Session

Host: Jacki Mullen

Technical Moderator: Tosh McKetta

Archaeology for a Changing Colorado

1:20–
2:40 PM Matt Goebel and Holly Norton
(Time includes a 20-minute Q&A period)

Friday Morning Paper Sessions

Host: Greg Wolff

Technical Moderator: Jacki Mullen

Q&A periods may be shortened or skipped to remain on schedule.

Group 1 Presenters

Above and Beyond the Crystal Mill: Recording the Crystal Townsite, Gunnison County, Colorado

8:10 AM Natasha Krasnow and Kelly Pool

Fatty's Place: Tourism in Garden of the Gods

8:30 AM Karin Larkin, Anna Cordova, Aaron Acosta, and Minette Church

"You Can't Study the Past, if You Can't Find the Past:" Using LiDAR, Thermal, and Multispectral Imagery to Locate Indian Wars Conflict Sites in Colorado, USA

8:50 AM Raymond Sumner
(Graduate student presentation competition entry)

9:10 AM	<i>Group 1 Q&A period</i>
<i>Group 2 Presenters</i>	
9:20 AM	<i>What? Teach Now? Forget it! Teaching Archaeology Online at the College and University Level During Social and Political Unrest and COVID. How to Throw Out the Rulebook (sort of) and Still Provide a Learning Environment.</i> Gregory E. Williams
9:40 AM	<i>NRCS Education Initiatives: New Ways to Reach Out to Planners, Producers, and Kids</i> Emily Long
10:00 AM	<i>From the Landscape to the Living Room: The Story of Crow Canyon's Webinars</i> Tayler Hasbrouck
10:15 AM	<i>Group 2 Q&A period</i>
10:25- 10:35 AM	<i>Break</i>
<i>Group 3 Presenters</i>	
10:35 AM	<i>Chacoan Connections in Crosspatch's Lithics</i> Jessica Weinmeister
10:55 AM	<i>How Did They Do It? Replication of the Pyro-Technology of Prehistoric Black-on-white Pottery</i> William Lucius
11:15 AM	<i>Cherokee Ranch: A Summary of Surveys</i> Kayla Bellipanni and Caitlin Calvert (Undergraduate student presentation competition entry)
11:35 AM	<i>Group 3 Q&A period</i>
11:45 AM- 12:30 PM	<i>Lunch</i>

Friday Afternoon Paper Sessions

Host: Charlie Reed

Technical Moderator: Tosh McKetta

Q&A periods may be shortened or skipped to remain on schedule.

Group 4 Presenters

12:30 PM *Explorations in Urban Archaeology at the Wootton Site in Denver, Colorado*

Amy Gillaspie and Gene Wheaton

12:50 PM *How to Quickly Determine if a Comic Book is More Than 50 Years Old, A Field Guide for Archaeological Technicians*

Obi Oberdier (he/him/his)

1:10 PM *10th Mountain Division of World War II: Archaeological Reconnaissance of the Apennine Battlefields and the Mountain Training Site of Camp Hale*

John Scott

1:30 PM *Group 4 Q&A period*

Group 5 Presenters

1:40 PM *Besant-Avonlea Bison-Hunting Tradition in NW Colorado*

Carl Conner

2:00 PM *Class III Survey and Level II Documentation of CCC Era Bridges and Retaining Walls along Boulder Creek*

Thomas Carr and Poppie Gullett

2:20 PM *Group 5 Q&A period*

2:30–
2:40 PM *Break*

2:40 PM *Student Paper and Presentation Contest Results by Greg Wolff*

3:00 PM *Closing Remarks, Greg Wolff*

3:10–
4:00 PM *Networking*

PAPER & POSTER ABSTRACTS

Carr, Thomas and Poppie Gullett

Pinyon Environmental, Inc.

Class III Survey and Level II Documentation of CCC Era Bridges and Retaining Walls along Boulder Creek

Between 2016 and 2020 Pinyon Environmental, Inc. was contracted for cultural resource management services on a project at the University of Colorado at Boulder that involved the inventory of several historic bridges across Boulder Creek that connected the campus to housing facilities, athletic fields, and neighborhoods located to the north. Expansion of the on-campus athletic training facilities and Folsom Field necessitated a new pedestrian bridge that was more efficient, safer, and ADA compliant. The unprecedented flooding of 2013 had caused serious damage to the 19th and 21st Street Bridges, and it was determined they could not be effectively rehabilitated. As a historic preservation mitigation action, the University agreed to have Pinyon conduct a more intensive cultural resource inventory of the project area, and level II documentation of the CCC era resources being impacted. This included the bridges, numerous retaining walls, and the ruins of a small stone structure that was locally said to be a warming hut next to an outdoor ice-skating rink.

Conner, Carl

Dominquez Archaeological Research Group

Besant-Avonlea Bison-Hunting Tradition in NW Colorado

Data retrieval actions at two prehistoric camp sites, 5RB4558 and 5RB8902, located in the Strawberry Creek area of Northwest Colorado, produced evidence of a small conical wood-pole structure dating 1700 years old and identified moccasin track features within the structure. The combination of temporally diagnostic projectile points, artifact assemblages, and radiocarbon dates produced by the two sites provide direct evidence of the presence of a Besant-Avonlea bison-hunting tradition in northwest Colorado.

Gillaspie, Amy M. and Gene Wheaton

University of Colorado, Denver; Community College of Denver

Explorations in Urban Archaeology at The Wootton Site in Denver, Colorado

This paper introduces the 2019-2020 excavations at the historic Wootton site, located on the Auraria Campus in Downtown Denver, Colorado. Settler "Uncle Dick" Wootton built two buildings of importance in 1858; a saloon and a general store. The top floor of the general store housed the first

offices of The Rocky Mountain News, the first newspaper published in Denver, while the saloon hosted the April 1859 convention held by territorial precinct delegates to form a Colorado State government. Both of these buildings and many others were eradicated in the 1864 Platte River flood. Excavations at the Wootton site were run in tandem with the Community College of Denver's CRM Anthropology course. Here, we present the history of the Wootton site, review the CRM course and student involvement, and share initial findings from excavations at the site.

Goebel, Matt and Holly Norton, Ph.D

Crow Canyon Archaeological Center; History Colorado

Archaeology for a Changing Colorado

This study, by Clarion Associates and Crow Canyon Archaeological Center, explores the field of archaeology in Colorado, and in particular the economic and other benefits that this wide-ranging discipline brings to all corners of the state and to all Coloradans. A “popular report” which explains the diversity of practices in the field of archaeology, as well as a more technical report that delves into the data available to understand the economic impacts of archaeological endeavors in the state, have been produced to meet the needs of a wide variety of audiences. This presentation will focus specifically the data analyzed to identify the economic impacts of the study for a professional audience, as well as discuss ways that as a community we can refine this data for future iterations of the report.

Hasbrouck, Tayler

Crow Canyon Archaeological Center

From the Landscape to the Living Room: The Story of Crow Canyon's Webinars

Crow Canyon's mission seeks to empower present and future generations through archaeological research, experiential education, and American Indian knowledge. Previously, we worked with the public as citizen scientists by engaging with them through in-person programming; however, COVID-19 tasked us with switching our programming online.

From April–December of 2020, we hosted 40 webinars as part of our series; these helped us further our mission impact to a broader audience than ever before. We brought southwestern archaeology into peoples' homes and allowed them to interact with archaeology in a new and exciting way. The webinars spread awareness of Indigenous knowledge and cutting-edge scientific research. Since its inception, the webinars received 14,889 registrations, 19,215 YouTube views, and 44,828 Facebook views – with these numbers continually rising.

During this presentation, I will offer an overview of our webinar series, what helped make this program a success, and our goals as we continue the webinars in 2021!

Krasnow, Natasha E. and Kelly J. Pool

Metcalf Archaeological Consultants, Inc.

Above and Beyond the Crystal Mill: Recording the Crystal Townsite, Gunnison County, Colorado

The “ghost town” of Crystal City, located between Marble and Crested Butte, is best known for the iconic Crystal Mill, one of Colorado’s most photographed locations. Above the mill at the townsite, however, sit multiple pioneer log-style buildings built in the late 19th century, including residences, a social hall, a general store, and a barn. Along with an archetypal rural schoolhouse, these buildings continue to convey the character of an historic mining town and reflect daily life in Crystal. In September 2019, we spent several “hardship” nights in a restored historic cabin, inventorying 14 historic buildings remaining at the townsite. Construction dates for all buildings range from the 1880s to the 1970s. Metcalf’s work for Gunnison County Historical Preservation Commission will be used to inform the possible establishment of an historic district focused on the Crystal area. The inventory was funded by a CLG Grant administered by History Colorado.

Larkin, Karin, Anna Cordova, Aaron Acosta, and Minette Church

Karin Larkin, Ph.D. (University of Colorado, Colorado Springs), Anna Cordova (City of Colorado Springs), Aaron Acosta (University of Denver), and Minette Church, Ph.D. (University of Colorado, Colorado Springs)

Fatty’s Place: Tourism in Garden of the Gods

The *Fatty’s Place* was a beer and curio shop that was located at the entrance of the Garden of the Gods in Colorado Springs. Edwin L. “Fatty” Rice established his shop near the Gateway Rocks in 1892, along the old carriage road leading into the Garden of the Gods. Historic photos show a rambling wooden structure with advertisements for Zang’s beer painted on the roof and “Native Stones. Precious Gems. Specimens. Ice Lemonade. Ice Milk. Buttermilk. Popcorn Machine,” painted on the window. *Fatty’s Place* contained his curio shop in the front and a beer hall in the rear. The site was partially recorded in 1993, but was never tested. Given the site’s historical significance, UCCS partnered with the City of Colorado Springs to fully record, test, and properly evaluate the site. Here, we share preliminary findings related to our testing at Fatty’s Place site.

Lucius, William, Ph.D., CCPA, RPA

Independent Scholar

How Did They Do It? Replication of the Pyro-Technology of Prehistoric Black-on-white Pottery

Recreating the lost technology that Ancestral Pueblo potters of the Northern Southwest developed for Black-on-white pottery production requires the acquisition of the knowledge base of potters, a concern with the subject of ceramic technology and a fair amount of training and experience with clay geology, all wrapped up in a program of replication and firing of pottery in bonfire kilns using juniper fuel. A PowerPoint Slide show of the various steps of the process has been harvested from an enormous library of photographs resulting in over twenty years of kiln conferences. The slides will demonstrate how we think it was done.

Long, Emily

Natural Resources Conservation Service

NRCS Education Initiatives: New Ways to Reach Out to Planners, Producers, and Kids

Confusion and concern from NRCS planners and producers regarding how cultural resources are identified, what a cultural resource is, and how the Section 106 process works highlighted the need for outreach materials addressing these issues. NRCS Cultural Resources Specialists have created a new brochure for planners and producers to better understand what comprises a 'cultural resource,' the NRCS cultural resources process, as well as the planners' and producers' responsibilities to avoid historic properties during the course of the contract. Outside of the typical duties performed, the NRCS has a large presence as county and state fairs, at which outreach activities based on soil health are planned for children. Consequently, NRCS Cultural Resources Specialists have developed an activity booklet highlighting what NRCS archaeologists do, archaeology in Colorado, and the importance of stewardship; the hope is that the activity booklet will be handed out with the other NRCS educational materials.

Scott, John M., Ph.D.

Metcalf Archaeological Consultants, Inc.

10th Mountain Division of World War II: Archaeological Reconnaissance of the Apennine Battlefields and the Mountain Training Site of Camp Hale

Metcalf Archaeology has initiated an archaeological reconnaissance of the 10th Mountain Division's Camp Hale, Colorado mountain training ranges and of their Italian northern Apennine battlefields. The role of America and the Division in the defense of democracy is our heritage and even more

poignant after the current violent events at the Capitol. The Division's creation in part led to today's light infantry units and special operations forces. Their development and history are important to American heritage and to human social development; the Division and its current iteration are also of great public interest. The training camp and the battlefields are central to the Division's history, and both are largely undocumented significant mountain places. A short history of the Division is provided, as are results from Metcalf's 2018-2020 reconnaissance in Italy and at the Camp. Suggestions are made for future documentation of this material culture and its public presentation.

Oberdier, Roger "Obi" (He/Him/His)

How to Quickly Determine if a Comic Book is More Than 50 Years Old, A Field Guide for Archaeological Technicians

Comic books published before 1971 now qualify as artifacts under standard archaeological practice in North America. Therefore, recording the presence, distribution, and visual qualities of pre-1971 comics falls under the purview of archaeological field technicians. Given the ubiquity of comic books from both before and after 1971, I identified some characteristics that can be used to quickly and accurately determine the date range for a particular comic book. These include the cover price, the indicia, and the style of manufacture. I created a one-page field guide that will help archaeological field technicians identify chronologically diagnostic traits and make sound decisions about what materials to record, and which to ignore. Finally, for those times when historically important comic books are discovered in archaeological contexts, I included suggestions for the collection and curation of comic books as diagnostic artifacts.

Weinmeister, Jessica

Chacoan Connections in Crosspatch's Lithics

This thesis builds upon my previous work with a uniquely large assemblage of projectile points and other flaked stone tools from Crosspatch, an Ancestral Pueblo site in Southwest Colorado. Archaeologists at Crow Canyon Archaeological Center and I have analyzed the flaked stone tools and other artifacts and features from Crosspatch. Our preliminary results indicate a possible connection to the site of Chaco Canyon in New Mexico, which was the Ancestral Pueblo political center from A.D. 900-1150. The primary purpose of this thesis is to look for further evidence of a Chacoan connection within Crosspatch's lithic assemblage. Though there is a small amount of evidence supporting a Chacoan connection, the results indicate a stronger connection with Utah than anywhere else. This research has implications for understanding Crosspatch's role in a larger context and has the potential to provide new information about the Ancestral Puebloan people in general.

Redpoint Consultants

What? Teach Now? Forget it! Teaching Archaeology Online at the College and University Level During Social and Political Unrest and COVID. How to Throw Out the Rulebook (sort of) and Still Provide a Learning Environment

There is more to converting and teaching in-person archaeology classes (with labs) to online courses at the college and university level than COVID. We have societal and departmental Diversity Equity and Inclusion concerns including Black Lives Matter (BLM), we have archaeologists saying “Sieg Heil” on virtual archaeology conferences, we have a domestic political insurrection, and of course we have COVID issues. All of this causes high stress levels for our students (and for faculty) and atypical behaviors. This presentation offers some suggestions on how to adjust our teaching methods in order to provide the necessary course content and also reduce the number of students to go MIA (Missing in Action). It also suggests that these current events are “teaching moments” for us to use because we are students of the past. The session may be of use to those who teach or **train** at any level. Ideally it would have been a panel so there will be time at the end for everyone to share their insights. Sadly, the presenter has no “silver bullet” to solve the challenge but some of our new emerging methods will likely replace the old standards as we move forward on the choppy timeline of our collective humanity.

STUDENT COMPETITION PRESENTATIONS

Bellipanni, Kayla and Caitlin Calvert

Metropolitan State University of Denver

Cherokee Ranch: A Summary of Surveys

Since 2014, Metropolitan State University of Denver has been fortunate enough to collaborate with the Cherokee Ranch and Castle Foundation in Sedalia, Colorado. During the surveys and the excavation of the Cherokee Mountain Rock Shelter (5DA1001), well over 1,000 artifacts have been recorded, providing a unique and very exclusive view of Douglas County’s prehistory. This is evidenced primarily in lithics that date back to the Archaic and Late Prehistoric Periods, while three 19th century homesteads and manufactured iron artifacts such as a horseshoe and barbed wire preserve the more recent history. By examining the raw material type found at each site, we believe there is enough evidence to show that the area was occupied in short but frequent stages. It provides numerous advantages for shelter and hunting, a nearby permanent water source, and the plethora of tools and debitage sourced primarily from the most easily accessible lithic material on each side of Cherokee Mountain.

Sumner, Raymond (Paper)

Center for Mountain and Plains Archaeology (CMPA), Colorado State University

“You Can’t Study the Past, if You Can’t Find the Past:” Using LiDAR, Thermal, and Multispectral Imagery to Locate Indian Wars Conflict Sites in Colorado, USA

In early 1865, the Cheyenne, Arapaho, and Lakota Native American tribes responded to the U.S. Army’s 1864 massacre at Sand Creek with a six-week offensive campaign against ranches, stage stations, telegraph lines, and military outposts located along 100-miles stretch of the Overland Trail adjacent to the South Platte River in Colorado. Overshadowed by the events of Sand Creek and the later well-known battles of the Indian Wars, no professional historian or archaeologist has researched these sites. As a result, over the intervening 150-years, the exact location of these sites was lost to history. Fortunately, advances in airborne remote sensing capabilities over the last decade now allow for a comprehensive landscape-level analysis of the entire campaign area. I have conducted an initial landscape analysis utilizing LiDAR. High probability areas identified in the LiDAR data are then analyzed using drone-based thermal and multispectral imagery to locate archaeological features at possible site locations.

Sumner, Raymond (Poster)

Center for Mountain and Plains Archaeology (CMPA), Colorado State University

The Days After Colorado’s Darkest Day: Initial Work at an Early Indian Wars Battlefield in Colorado, USA

Julesburg Station and Camp Rankin, located in northeastern Colorado along the South Platte River, became the focal point of the Native American response to the 1864 Sand Creek Massacre. The location was chosen as the initial and last battle of a six-week campaign in early 1865 due to its isolated location and abundant stage company warehouses. Remarkably, the site has not been studied by professional historians or archaeologists. Unfortunately, the battlefield has been heavily disturbed by relic hunters. Initial work focused on identifying the exact site boundaries using the historical records, remote sensing, ground survey, and limited excavation. Additionally, my research team documented private and museum collections to form a digital repository of site artifacts to assist in understanding the battles. The initial phases of work also include the initiation of tribal consultation with the Cheyenne, Arapaho, and Lakota nations and a public outreach campaign.

CCPA FELLOWS

Fellow	Year Honored
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, Christopher (b.) 1950	2018

PAST CCPA CONFERENCE LOCATIONS

Year	Location	Venue
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
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
2007	Glenwood Springs	Hotel Colorado
2008	Ft. Collins	Hilton Hotel
2009	Alamosa	Inn of the Rio Grande and Adams State
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