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Membership

ARE YOU DUE TO RENEW?

Check your status or sign up at:

coloradoarchaeology.member365.com/

PRESIDENT'S MESSAGE

By Katy Waechter
Chapter President

Greetings IPCAS-ers!

Welcome back from what I hope was a productive and enjoyable field season. It's been a busy summer for the chapter. I want to thank Megan Bowes, City of Boulder Open Space & Mountain Parks restoration ecologist, for her presentation at our May meeting.

I'm excited to announce our fall line-up below. Find all the details on our website at <http://www.indianpeaksarchaeology.org/ipcas-lectures/upcoming-lectures>.

September — Our September meeting has been rescheduled for a picnic brunch on Sept. 14 at 10 a.m. at Roger's Grove Park in Longmont. With the end of summer, it seemed apropos to share a meal, experiences and vision for our chapter and CAS at large. We'll hear from project leaders for ongoing chapter activities (PAAC, Site Steward-

ship, Projectile Point Project, CU Lab group) and discuss our goals and vision for our chapter in anticipation of next month's CAS Annual Meeting. Folks can also visit Christian at the IPCAS booth next door at the Boulder County Farmers Market.

We're still looking for folks to fill out the food signup. [Sign up here!](#)

October — We will resume our normal meeting schedule at 7 p.m. on Oct. 10 at 2520 55th Street in Boulder (OSMP Hub). Our professional advisor, Dr. Scott Ortman, will present "K'uuyemugeh—Archaeology and History of a Tewa Community in New Mexico."

November — On Nov. 14, doctoral candidate in archaeology at the University of Colorado Kaitlyn Davis will present "Pueblo Agricultural Adaptations to Socioeconomic Changes in New Mexico." Kaitlyn is a 2019 Alice Hamilton Scholarship recipient.

December —

We will wrap up 2019 with a holiday party on Dec. 14. Please send me or the IPCAS Board any ideas for a holiday or solstice celebration.

As always, check out the IPCAS Events page for a current list of interesting events around our area (indianpeak-sarchaeology.org/events). Here are a few brief updates for you about chapter and CAS goings-on.

Principles of Excavation PAAC class is scheduled for the evenings of Sept. 24, 26, 30, and Oct. 1 at the Boulder Rural Fire Department in Gunbarrel and the morning of Oct. 5 at History Colorado in Denver. The cost is \$20. Contact Delane Mechling (mechlings@hotmail.com) to sign up! The course is open to other chapters, so don't delay signing up.

The Loveland Stone Age Fair is scheduled for Sept. 28-29 in Loveland. While the event and sponsors are not affiliated with IPCAS, IPCAS is publicizing the event to promote working with collectors responsibly and ethically. Check out program information at https://www.stoneagefair.com/2019_saf/index.htm.

The 2019 Colorado Archaeological Society Annual Meeting is scheduled for Oct. 11-13 in



Megan Bowes talking to IPCAS about living landscapes on a tour of the Boulder Creek Restoration project. (Photo by Katy Waechter)

Pueblo. The event is hosted by the Pueblo Archaeological & Historical Society, who've put in a ton of work to coordinate everything. You can register for the conference at <https://coloradoarchaeology.member365.com/public/event/details/9abdf65c8076e3ec9f40f5cc3033e77f45a362d4/1>.

If you're not going to the CAS meeting (which you should), consider checking out the National Trust for Historic Preservation Conference happening in Denver from Oct. 10-12. Check out the program at <https://savingplaces.org/pastforward-2019-program>.

On a personal note, I am very happy to share that Dan, your favorite Calumet editor of 2019, and I, are officially married.

Happy trails!

WHAT WE'RE READING

What We're Reading is a curated collection of news stories that are of interest to Colorado archaeology and archaeological practices all around. These stories are all shared on IPCAS social media.

- We were delighted to see a great profile of Anna Cordova, Archaeologist for the City of Colorado Springs, [by the Colorado Sun](#). The piece focuses on Anna's work with the two Colorado-based Ute tribes at Garden of the Gods.
- National Geographic published [a thorough piece on the Mungo Man](#), an Aboriginal man who was removed from their burial in 1974 which dated back to approximately 40,000 years before present. The cases of Mungo Man and Mungo Lady, who was removed from their burial in 1968, touched off long-coming political conflict in Australia about how Aboriginal people were treated and regarded by the state. It's a good read, especially to compare how the United States and other colonial governments have since learned or failed to learn from the case of Mungo Man and Mungo Lady.
- While surveying to expand US Highway 550 outside of Durango, extensive Pueblo I ruins were identified. Alpine Archaeological Consultants was hired to conduct excavation since construction of the highway will obliterate at least some of the sites. [The Durango Herald did a feature on the work](#), which has been trending through Colorado and 4 corners archaeological circles. Enjoy!
- We were also delighted to see the Colorado Sun [feature the Earth Archive project](#) from Drs. Chris Fisher and Steve Leisz from Colorado State University. There are so many possibilities to imagine what could come from global LiDAR coverage.
- A [series of publications came out in the last month](#) about the Cooper's Ferry site, another site that conflicts with the Clovis-First hypothesis. Oldest occupations of the site date to 16,500 to 15,300 years before present, well before the area would have been accessible through the ice-free corridor. There seems to be consensus that the radiocarbon dating from Cooper's Ferry is reliable and accurate.

SUPPORT IPCAS!

IPCAS has big plans for outreach and fieldwork this year. Help us support activities by:

- When you shop on Amazon.com, use [Smile](#). [Amazon.com](#) and select Colorado Archaeological Society to receive a portion of all eligible purchases. Using Smile does not change anything about your purchase.

- Don't forget to pick up some IPCAS gear! IPCAS get a portion of all sales from our Zazzle store. Visit: [zazzle.com/indianpeaksas](https://www.zazzle.com/indianpeaksas)
- You can donate online to IPCAS to help us fund outreach, trips, lectures, and other events. Give at: indianpeaksarchaeology.org/donations

SEPTEMBER MEETING

Picnic and Potpourri: Project Progress Reports, Outreach at Boulder County Farmers Market and CAS Annual Meeting Info

GUIDED HIKE

In lieu of our traditional lecture meeting, our September meeting will be a picnic. It'll be a great opportunity to talk about what IPCAS and members have worked on this year, including long term projects (City of Boulder Site Stewardship Program, Project Point Project (P3), Program for Avocational Archaeological Certification (PAAC)), archaeological travels and outreach activities.

Bring a dish and stories to share! [Click here to sign up to bring something!](#)

This will also be a chance for our members to visit the IPCAS booth at the [Boulder County Farmers Market](#), which will be set up from 9:00 am to 2:00 pm next door to Roger's Grove Park.

The annual Colorado Archaeological Society (CAS) meeting is one short month away. The CAS Executive Board is planning a full day retreat on October 14th to deliberate on the future of the organization. Since the San Juan Basin chapter left CAS this summer, the CAS Executive Board is reexamining how it serves and is served by its members and chapters. In anticipation of the retreat, our chapter needs to discuss what we need from CAS and what our priorities are. We'll conclude with a discussion to address

the following questions and any that members have:

- What kind of organization do you want to be involved in?
- What benefits do you expect from CAS and Indian Peaks chapter?
- What would activities would you like to be involved in or not involved in?

September Meeting: Picnic and Potpourri

When: *Saturday, September 14, 2019 at 10 a.m.*

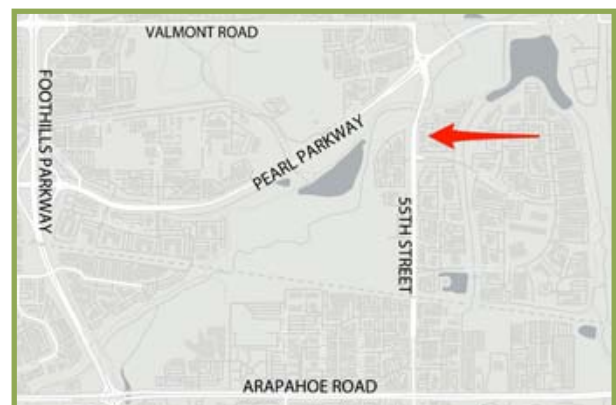
Cost: *Free and Open to the Public*

Where: [Roger's Grove Park Picnic Shelter](#),
220 Hover Road, Longmont, Colorado

Next Lecture: Dr. Scott Ortman

Thursday, October 10, 2019 at 7 p.m.

OSMP Hub, 2520 55th Street, Boulder



FEATURE ARTICLE

I'm one of hundreds of archaeologists exiled from Syria who's mourning what the war is costing us

By Lubna Omar

Visiting Assistant Professor of Anthropology, Binghamton University, State University of New York

I used to be a Near Eastern archaeologist working in Syria. Nowadays, I am stuck in academic purgatory, observing from a great distance as the country burns, unable to help protect its history or its present.

Syria sits within what's known as the cradle of civilization. It's part of the area archaeologists call the Fertile Crescent that stretches from modern-day Iraq to Egypt. This is where researchers believe human beings first settled down from nomadic lifestyles, where agriculture was born, where people originally domesticated animals thousands of years ago.

There were over a hundred archaeological digs ongoing in Syria before 2011, with researchers from inside and outside the country participating. What we all uncovered helps us learn more about the human species and our ancestors.

But when war broke out in 2011, archaeological excavations were suspended, and all international teams left the country. Images and videos of the destruction of cultural heritage sites started to circulate on news and social media sites. The Syrian war has not just interrupted the research that would help fill out the picture of early human culture; combatants are actively wrecking earlier finds.

Thousands of years of cultural heritage

Before the uprising in Syria, I worked as a zoo-archaeologist, analyzing ancient animal bones from



Modified cattle and horse shoulder bones from Tell Bderi, Syria. Lubna Omar, CC BY-ND

sites that date back to the Bronze Age. I am one of a handful of experts in this field who is originally from the Middle East.

In my research, I focused on what animal bone fragments could tell us about the people living in these ancient urban centers and how they used animals.

Based on my analysis, my colleagues and I concluded that ancient communities were investing in large herds of sheep and goats during the Bronze Age, between 3,000 and 1,200 B.C. People used herd animals and others – including cattle, pigs and wild species – for food, for raw materials for tools and even as a means to communicate with the spiritual realm through sacrifice and artwork.

For the most part, animal bones alone can't reflect the richness and the level of craftsmanship in these kingdoms. A great example comes from the royal



A mosaic in the Raqqa Museum, after and before its destruction. DirectSyria, CC BY-ND

palace of Qatna, where an intricate stone sculpture of a monkey holding a vessel that held facial paint was recovered from a massive burial chamber; it dates to 1600-1400 B.C.

Archaeologists have been able to document major changes that happened further back, in the Neolithic period, which began roughly 10,000 years ago. They've uncovered innovative prehistoric architecture such as the communal buildings of Jerf el Ahmar. They've documented cultural developments in daily life, such as the emergence and the distribution of pottery cultures and food processing and cooking techniques. They've uncovered complex funerary practices in Syria, including plastered skulls from Tell Aswad that date back to 9,500 years ago, which are considered one of the best-preserved examples of decorated human skulls.

Excavations have found many much older artifacts and fossils in this region too. In Dederiyeh cave in the northwest of Syria, one group recovered almost-complete skeletons of two Neanderthal infants, who lived sometime between 48,000 and 54,000 years ago. Recent research was able to connect their skeletal features with the shape of modern human bones. It's a crucial step to reconstruct the evolutionary relationship of our species with other hominids.

Archaeologists made other remarkable findings at the El Kowm oasis in central Syria, close to Palmyra. Here they uncovered hominid fossils alongside giant camel bones that date from around 100,000 years ago,

before the time of Neanderthals in this region.

It's evident the Fertile Crescent played a vital role as a path and a home for humans and their ancestors for a very long time. It continues to host waves of communities that invented and mastered skills and techniques which were essential for the survival of our species.

Artifacts under fire

After the spring of 2011, archaeologists stopped working in Syria. Scientists aren't uncovering new sites or digging deeper into the long human history of this region.

Artifacts and sites are being destroyed. Outrageous looting and smuggling of artifacts are still taking place in different parts of the country. The looting of antiquities became an economic tool for the Islamic State group to maintain its supremacy in the northern part of the country. Many of the fighting factions in Syria took advantage of the rich cultural properties and smuggled what they could to Western markets and collectors.

Consequently, museums shut down and were barricaded. Still many of them were targeted during the armed conflict, and they severely suffered.

Some sites – such as Crac des Chevaliers castle and Aleppo's ancient monuments – were caught under fire between the regime forces and the opposi-



Video stills from the Russian Defense Ministry website purport to show the Roman-era amphitheater on June 6, 2016, left, and on Feb. 5, 2017, right, in Palmyra. Russian Defense Ministry Press Service, via AP

tion. As the international community recognized the destruction of world heritage and the value of Syrian archaeology in terms of global history, fighting groups realized they could use these sites as political pawns. While the Russian Orchestra performed at the ancient amphitheater after “liberating” Palmyra from the Islamic State group in 2016, IS retaliated when they recaptured the city in 2017 by destroying the facade of the monument.

And this chaos has been in place for the last eight years.

Syrian archaeologists in limbo

Conducting archaeological research requires direct contact with ancient sites and materials. But the escalating armed violence in Syria continues to prevent archaeologists from resuming their work on the land. Most of the international institutions shifted their focus from Syria and moved their teams and projects to neighboring countries.

Meanwhile, the relatively smaller number of Syrian archaeologists face multiple challenges. On a most basic level, war is ripping through their homes. But

they also face an occupational challenge: How can you pursue a career in the field in the midst of armed conflict supported by multiple geopolitical powers?

Most of this group of ambitious young archaeologists – including me – were forced to flee the country. Though currently safe from the physical danger, we still face a harsh professional reality. Competing in a fierce job market, we can only promise that someday we’ll be able to travel and resume our work back where we used to belong.

Many Syrians in exile are still participating in initiatives such as Syrians for Heritage, trying to protect and restore artifacts and museums throughout the country and attempting to keep Syrian cultural heritage alive in our diaspora. I believe this mission could be successful – but only with genuine support for the Syrian people and not just their ruins.

This work first appeared on [The Conversation](#) under a [CC BY-ND 4.0 license](#). Read the [original here](#).

UPCOMING EVENTS

As always, if you know of any events, lectures, exhibits, or fieldtrips that should be on our calendar, please email them to indianpeaksarchaeology@gmail.com.

SEPTEMBER 5

IPCAS Board Meeting

Boulder Rural Fire Center, 6230 Lookout Road
7-8:30 p.m.

The Santa Fe's First Iron Bridge - A Bridge Well Hung

Pueblo Archaeological & Historical Society meeting: Larry Green will present a look at the history, location and construction of the Hanging Bridge at the Royal Gorge.

Rawlings Library, 100 E Abriendo Ave, Pueblo
7-8 p.m.

SEPTEMBER 6-8

PAAC - Colorado Archaeology

Contact Karen Frank (Pueblo PAAC Coordinator) at kfrank72@outlook.com to sign up.

El Pueblo History Museum, 301 North Union, Pueblo
5-8 p.m.

Friends of Raymer Car Show

This is a fundraiser for restoration of the historic town of Raymer's Center Avenue. Admission is free. You can register vehicles for \$25 at www.friendsofraymer.com.

25 Shirley Avenue, New Raymer
10 a.m.-3 p.m.

Hard Rock Mining Tour

Tap into the towns, tools and characters of local hard rock mining heritage by visiting mining sites of years gone by. Tours are open to ages 10 and older with accompanying adult. Some walking required.

Nederland Mining Museum, 200 N Bridge Street

9:30 a.m.-12:30 p.m.

SEPTEMBER 9

Denver Chapter of Colorado Archaeological Society Meeting

Cherry Creek Building, Room 241, Metropolitan State University of Denver

7-8 p.m.

The Curator is In

Have you ever wondered what kind of treasures are behind the scenes at the museum? Do you want to know more about how something goes from your basement to an exhibit at the museum? Want to know what's new with the History Colorado collection? Meet curators and other Curatorial Services and Collections Access staff at the History Colorado Center on the second Monday of each month to chat and answer questions.

History Colorado Center, 1200 Broadway, Denver
11 a.m.-1 p.m.

SEPTEMBER 13

An Evening at the Museum

Innovations in early Colorado mining and mineral processing technology were remarkable achievements considering the limitations in transportation and construction existing at the time. The evening will begin with a brief overview of historical mining operations followed by a technical explanation of the extraction process. Charles Melbye and Donald L. Johnson, Ph.D, P.E. presenters.

Nederland Mining Museum, 200 N Bridge Street
7-8:30 p.m.

SEPTEMBER 14

Shavano Valley Tour

Located just outside of Montrose, the Shavano Valley is one of the most picturesque and important rock art sites in western Colorado. The site was used from at least 1000 BCE to 1900 CE by both the Archaic and Ute peoples.

Tours are led by a trained Shavano Valley petroglyph docent. Participants must dress for the weather. Sturdy shoes or boots are ideal for the rough trail and steep slopes. More info at historycolorado.org.

Location TBD

9-11 a.m.

IPCAS Picnic (Chapter Meeting)

There will be no lecture this month. The meeting has been moved to a picnic on Saturday morning at Roger's Grove Park in Longmont. Come visit to share food, stories and opinions about the future of CAS. Check out the IPCAS website for more information: <http://www.indianpeaksarchaeology.org/ipcas-lectures/upcoming-lectures>

Roger's Grove Park Picnic Shelter, 220 Hover Road, Longmont

10-11:15 a.m.

Frontier Foods: Pickles and Fermented Foods

Learn how to preserve and lay by fall produce for winter, including eggs, tongue, sauerkraut and preserves. Discover practical preservation skills for the primitive and modern "homestead."

Fort Vasquez, 13412 US Hwy 85, Platteville

9 a.m.-2 p.m.

SEPTEMBER 15

Crafts and Trades of the Olden Days

At Crafts and Trades of Olden Days, visitors can enjoy the rural surroundings and views of the mountains while learning about old fashioned jobs and the traditional arts and crafts that went into making what was needed for life down on the farm. Sweaters, candles and even door hinges were made by hand using skills not widely practiced today. The event allows visitors of all ages to enjoy games and demonstrations including blacksmithing, candle-dipping and working with a drop spindle. Other activities include soap-making, smoking meats and cider-making. Several "make and take" activities are offered as well.

Ag Heritage Center, 8348 Ute Hwy, Longmont

10 a.m.-3 p.m.

SEPTEMBER 17

Pikes Peak Chapter of Colorado Archaeological Society meeting

2490 Research Parkway, Colorado Springs

7-8 p.m.

SEPTEMBER 20

Wild Buffalo in Boulder Round Table

As part of the Buffalo Field Campaign (BFC), Red Shoes Studios and Museum of Boulder "Wild | Buffalo in Boulder," please join us for a Round Table Discussion on solutions that allow wild buffalo and other wildlife to roam, wild and free! Join Buffalo Field Campaign's Co-founder, Campaign Coordinator and 22 year field veteran Mike Mease; BFC Board Vice President, Executive Director and Nez Perce Tribal Member James Holt; and Jim Bailey, Coordinator, MT Wild Bison Restoration Coalition for meaningful conversations focused on "Solutions for America's Last Wild Buffalo." Panelists include representatives from Southern Arapaho and Northern Arapaho Tribes, wildlife biologists and environmentalists. Attendees will leave with a full understanding of the current capture for slaughter management plan for wild, migratory bison, as well as pathways towards protection, restoration and sustainable herds of wild, free-roaming buffalo in North America.

Museum of Boulder, 2205 Broadway

6:30-8:30 p.m.

SEPTEMBER 21

Assay Office Museum

The Boulder County Assay Office Museum will be open.

James F. Bailey Assay Office Museum, 6352 Fourmile Canyon Dr, Boulder

11 a.m.-3 p.m.

SEPTEMBER 24

Accessing Sally Cole and Colorado Rock Art Association Archives Online

Colorado Rock Art Chapter of Colorado Archaeological Society meeting: Join librarian archivist Aaron Ramirez as he guides you through accessing the Sally Cole and Colorado Rock Art Association collections.

<http://zoom.us/j/6136944443>

6:55-8 p.m.

SEPTEMBER 24, 26, 30; OCTOBER 1, 5

PAAC - Principles of Excavation

Boulder Rural Fire Center, 6320 Lookout Road
6-8 p.m. (Oct 5 @ History Colorado Center, 1200 Broadway, Denver; 9 a.m.-12 p.m.)

SEPTEMBER 26-29

Utah Rock Art Association Symposium

Details at <https://urara.wildapricot.org/SympGeneralInfo2019>

Hurricane, Utah

SEPTEMBER 28-29

Loveland Stone Age Fair

Exhibits of Native American artifacts, lectures by noted Archaeologists from Kent State university, flintknapping demonstrations and more.

McKee 4H Building, 5280 Arena Circle, Loveland
9 a.m.-7 p.m. (ends 2 p.m. Sunday)

SEPTEMBER 29

Heritage Day & Vintage Baseball Game

See how autumn was spent on a working ranch in the late 1800s and watch the annual vintage baseball game. Costumed volunteers will demonstrate chores such as root-cel-laring, sausage making and doing laundry with a wash-board and wringer. Watch the blacksmith make hinges, nails and other hardware needed around the ranch, attend a one-room school session or take a guided homestead tour.

Walker Ranch Homestead Museum, 7701 Flagstaff Road, Boulder

10 a.m.-3 p.m.

OCTOBER 9

Diving the Pyramid of Nubia

Sponsored by Archaeological Institute of America, Boulder Chapter

Hale Building, 1350 Pleasant Street, Boulder

7-8 p.m.

October 11-13

CAS Annual Meeting

Annual Meeting in Pueblo, hosted by the Pueblo Archaeological & Historical Society. Register at <https://coloradoarchaeology.member365.com/public/event/details/9abdf65c8076e3ec9f40f5cc3033e77f45a362d4/1>

Pueblo Community College, 809 Orman Avenue

October 14

IPCAS @ Boulder County Farmers Market

Come say "Hi," at the IPCAS booth at the farmers market in Longmont!

Boulder County Fairgrounds, 9595 Nelson Road, Longmont

8 a.m.-2 p.m.

October 19

High Peaks and Silver Dreams

Join volunteer naturalists for a fascinating hike through geologic and historical time as we explore ancient mountain-building, alpine glaciation and the history of hard rock mining in the high country. We will also identify diverse plant and animal communities and look for signs of wildlife on this moderate 4-mile (round-trip) hike. Register at bouldercounty.org.

Location TBD

9 a.m.-12 p.m.

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About The Calumet

The Calumet is the newsletter of the Indian Peaks Chapter of the Colorado Archaeological Society, and is produced and edited by Daniel J. Schneider in coordination with the board.

Members are encouraged to send ideas and material for The Calumet. All content is subject to review and approval by the IPCAS Board, and may be edited for length, style and clarity.

The submission deadline is the 3rd Monday of the month for the next month's issue. Submissions should be emailed to:

indianpeaksarchaeology@gmail.com

or

dan@schneidan.com

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