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From the Editor

By Chris Kerns

Happy Fourth of July! I hope you have been enjoying your summer so far. I wanted to take this unusual opportunity to reach out to our members and share some of my own thoughts. This summer has already been really busy for many of our members, including myself. The board (and some members) have been hard at work, despite the summer fieldwork season, preparing some great opportunities for our members including a field trip in September, a Tour of the White Rocks site, a social media workshop, and even potentially a dinner and beer social/fundraiser with a local brewery.



Artifacts found hiking with IIPCAS several summers ago. Courtesy of Chris Kerns.

In this edition of the newsletter you'll find a bit about my summer archaeology vacation. We want submissions from our members about their adventures as well. Take my example to help you craft your own tale of archaeology and adventure and include some great pictures and we'll publish them over the fall and winter to help remind us of those warm

summer days and the opportunities the future may hold. In addition to the story about summer travels the information on the fall lectures, field trips, workshops, the new IPCAS Zazzle store, and even a summary of a lecture given at Elevations Credit Union which donated money to our chapter. Sometime this summer I will be updating our website, so look out for that and let me know what you think.

Finally a bit of news... Allison and I will be stepping down from our appointed positions on the Board after the annual meeting in November. We are moving to Canada sometime next spring or early summer and will need to focus our time on this big change in our lives. We really want to thank the IPCAS membership for being so welcoming to us over the past few years and all the support we have been given. This is a great opportunity for us, and we are excited about the move, but sad to leave the community we've joined here in Boulder behind.

Allison and I leaving can also be a great opportunity for any of our members to join the IPCAS board as an appointed member. If you have any interest at all please consider putting your name forward. If you have questions about the open positions on the board, just email the society or any current board member. It has been a great experience working on the IPCAS board and absolutely worth every minute of it.



Chris, Allison & Jynni hiking at Hovenweep National Monument. Courtesy of Chris Kerns.

IPCAS Fall Lectures

When: Thursday, September 7 at 7:00 pm

Where: CU Museum, Dinosaur Room

Cost: Free and Open to the Public

Jessica D. Hedgepeth Balkin - PhD Candidate - University of Colorado - Boulder

Title, Abstract & Bio Forthcoming....

When: Thursday, October 12 at 7:00 pm

Where: CU Museum, Dinosaur Room

Cost: Free and Open to the Public

John Wagner - University of Colorado - Denver

Economic Change and Trade among the Teuchitlán (Tentative)

Abstract: The Teuchitlán culture existed in the Tequila Valleys in Western Mexico during the Late Formative and Early Classic periods (CA 300 BC – AD 400). The group is suspected to have had a trade connection to groups in the Southwestern United States, as well as seafaring groups from coastal South America. I propose that a spatial expansion of the culture into the surrounding hills around 200 AD also corresponds to an economic extension from an agrarian base, towards one based on trade. This presentation examines the evidence of the shift towards trade, the potential for a Southwestern U.S. connection, and future steps towards examining these possibilities.

Biography: I earned my archaeology MA from CU Denver in 2014. I completed my thesis on lithic production in the prehistoric Teuchitlán culture of Western Mexico, and a CAS scholarship was instrumental to the success of this project. I am currently seeking the source of independent wealth required for dissertation research on the Teuchitlán economy.

When: Thursday, November 9 at 7:00 pm (IPCAS Annual Meeting)

Where: CU Museum, Dinosaur Room

Cost: Free and Open to the Public

SPEAKER - TBD

Title, Abstract, & Bio Forthcoming...

When: Thursday, December 14 at 7:00 pm (Tentative)

Where: CU Museum, Dinosaur Room (Tentative)

Cost: Members Only

IPCAS Annual Holiday Party & Quiz

Summer Adventure: The Kerns Family

By Chris Kerns

Over the Memorial Day weekend Allison and I decided to take an archaeological adventure to the Four Corners region. It was Allison's first time to the area and it was really hard to decide what we were going to see with only a couple of days to visit. In addition, we were bringing along our new puppy, Jynni, and needed places to visit which were dog friendly, which meant that Mesa Verde was not an option (though it was my first choice). As it turns out, both Hovenweep and Canyon of the Ancients are dog friendly and these areas became the focus of our trip.

After figuring out where to visit, we needed to figure out where to stay. We were on a very tight budget and needed to keep our cost as low as possible. We looked at quite a few campgrounds in the area and ended up going with the Target Tree Campground, just east of Mancos. It was a great choice and we highly recommend it. The campground is also named for local archaeology, just a short walk from the campground itself. Apparently, the Ute used ponderosa pine in the area not only as a source of cambium (inner bark layer) as a food supplement, but also for target practice. These activities are evident through the remaining scarred trees in the area. One such tree is located close to the campground and a historical marker explains the historical use of these trees.



Allison & Jynni hiking at Hovenweep National Monument. Square Tower Group.
Photo by Chris Kerns.

When we first arrived in the area, we took the opportunity to visit with Karen Kinnear, the current CAS president. We had a lovely visit with her where we had the opportunity to discuss CAS, IPCAS and archaeology in general. We were particularly excited to speak to her about the then upcoming presentation at Elevations and the ways CAS and IPCAS can reach out to the broader community.

Our first stop was at Hovenweep. Hovenweep was established by President Warren G. Harding in 1923 and protects five prehistoric ancestral Puebloan villages. Although the area has



Square Tower Unit. Hovenweep National Monument. Photo by Chris Kerns

been inhabited at least seasonally for at least 10,000 years, these villages were built between AD 1200 and 1300. At Hovenweep we started out with a two-mile loop around the Square Tower unit. Here we were impressed by the well preserved masonry, the sheer number and variety of structures in such a small area, and the buildings built on boulders in the middle of the canyon. We continued our adventures by heading to the outlying clusters of Horseshoe, Hackberry, and Holly. Holly was particularly impressive and

well worth visiting if you are up for the longer hike or willing to brave the 4x4 road to get close to it. We made it close to the site with our Subaru Forester, but would recommend having experience on rugged roads if taking lower clearance vehicles similar to our Subaru to the site.

From there we headed to our favorite site of the trip, Painted Hand Pueblo, in the Canyon of the Ancients National Monument. Canyon of the Ancients has at least 6,000 distinct structures and more than 20,000 identified sites making it one of the densest clusters of archaeological sites in the United States. The monument was created through a Presidential proclamation in 2000. However, Lowry Pueblo was designated a National Landmark in 1964.



Holly Group with structure built on boulder. Photo by Chris Kerns

Painted Hand Pueblo has never been excavated but consists of a round tower on top of an overhang/boulder and several outlying structures along the cliff face. Underneath the tower, in an alcove in the overhanging rock/boulder, are pictographs of hands painted on the rock from which the site gets its name. The pictographs are negatives suggesting that they were created by painting

over an actual individuals hands. Access to the site was somewhat tricky and required convincing Allison to conquer her fear of heights to descend down a narrow, steep trail, with quite a drop through the rock face. The puppy also couldn't manage the descent, and we ended up putting her in my backpack, with her head sticking out, where she happily stayed for a good portion of the hike.

Our final site visit was at Lowry Pueblo, the only developed recreation site within the National Monument. The pueblo itself consists of 40 rooms, eight kivas and a Great Kiva. The Pueblo was constructed around 1060 AD while the great kiva was built around 1103 AD and had murals painted over about five layers of plaster. The site was excavated by Paul Sidney Martin of the Field Museum of Natural History in Chicago between 1930 and 1936. We didn't stay long here, after a long day of hiking with the puppy, but the site offered an interesting contrast to the sites we had seen earlier in the day. Not only is the site larger, but the construction and architecture was markedly different. In particular the cellular room construction, the kivas, and in particular the impressive Great Kiva.

Overall, we wished we had more time to explore the area, but what we did see offered a nice adventure, with plenty of hiking, that was also dog friendly. If you get the opportunity, we highly recommend visiting these National Monuments!



Painted Hand Pueblo. Canyon of the Ancients National Monument. Photo by Chris Kerns.



Lowry Pueblo Great Kiva.
Photo by Chris Kerns

New IPCAS Zazzle Store

Visit the new Indian Peaks CAS Zazzle store and get yourself IPCAS outdoor gear for this summer's field season, including the Special Edition 2017 IPCAS Cliff Dwelling T-Shirt. In addition to this special edition t-shirt, with custom artwork donated by IPCAS member Gretchen Acharya, you can find ball caps, water bottles, mugs and more. Everything you need to get ready for this summer's archaeological adventures. 2017 Special Edition Cliff Dwelling items will be available until December 2017. All proceeds go to supporting IPCAS events and activities.

<https://www.zazzle.com/IndianPeaksCAS>



Social Media, Mobile Technology and Archaeology Workshop

By Chris Kerns

IPCAS has a social media, mobile technology, and archaeology workshop planned for Saturday, September 30th at the Gunbarrel Fire Station from 1 to 3pm. Bring your laptop and smart phones with you to this workshop and learn how to use social media and technology to keep track of everything that is taking place in the world of archaeology. We'll cover everything from the basics of setting up Facebook and Twitter accounts to adding useful applications related to archaeology onto your phone. We'll even go over some great podcasts and blogs that are worth paying attention to. This workshop is aimed at anyone from the complete novice to proficient user of these technologies and may even be of interest to the most advanced users of mobile technology and social media. We are still in the planning stages, but if you are interested in this workshop and would like to be kept up-to-date contact Chris Kerns at ChrisJKerns@gmail.com. Also, keep an eye out for future updates in upcoming newsletters and emails.

White Rocks Site Tour & Photogrammetry

By Pete Gleichman

IPCAS has been in contact with the City of Boulder Open Space and Mountain parks to set up a tour of this unique site sometime this fall. The White Rocks site consists of an exposure of sandstone cliffs with overhangs along Boulder Creek which has been known as an important archaeological area since the 1920s. The Boulder Chapter of CAS (IPCAS predecessor) conducted digs there in the 1930s-1940s, and donated a collection of artifacts to the CU Museum. White Rocks served as the example site for the first site form devised for Colorado, in 1947, devised by CAS. Uncontrolled digging at White Rocks continued through the 1950s. The cliffs have numerous inscriptions, including some apparent prehistoric rock art. From 1987 to 1993 IPCAS documented the inscriptions and rock art. In 1994 Jean Kindig (IPCAS) took over the project and produced a comprehensive report on the graphics in 1998. In 1999 Native Cultural Services conducted a thorough survey of White Rocks, and Francis Black and the late Dock Teegarden (both IPCAS members) served as crew (Gleichman and Black 2001). As part of that study, a rock shelter was tested to see if cultural deposits remained, a projectile point was recovered at 80cms below the surface.

White Rocks was previously privately owned by two separate owners, with a City of Boulder Open Space Conservation Easement. Subsequent to the IPCAS inscription study one of the owners allowed IPCAS to tour their portion of White Rocks, but tours there have not been allowed for some time. The City of Boulder Open Space and Mountain Parks has now acquired both portions of White Rocks. Boulder Open Space and Mountain Parks conducted a Ground Penetrating Radar study of the numerous rock shelters at the site last fall. IPCAS will be applying for a Special Use Permit which will allow up to 25 people to view the rock art and rock shelters, most likely in October. In addition to the tour, there will likely be an opportunity for IPCAS members to assist City Open Space and Mountain Parks with photogrammetry of inscriptions at White Rocks in the fall. If you are interested in either or both opportunities please contact Rosi Dennett at rosidennett@gmail.com or email the chapter at indianpeaksarchaeology@gmail.com.

IPCAS Field Trip - Cedar Mesa/Comb Ridge

By Rosi Dennett

The planning of the fieldtrip is still in some of the early stages and more information is yet to come but mark your calendars and let us know if you are interested in participating in this year's IPCAS-sponsored field trip. We will be going to the Cedar Mesa/Comb Ridge area in southeastern Utah from September 17 to September 24 and will be camping most of the time at Sand Island Campground. The final itinerary and associated costs have not yet been set but will likely include hikes to Butler Wash (Split Level Ruin, Crane Rock Art Panel and Monarch Cave, Wolfman Panel), Procession Panel at Fishmouth Cave, Natural Bridges or Arch Canyon, Montezuma Creek sites or Monument Valley with a Navajo guide. We may also visit the Edge of Cedars Museum and Winston Hurst's PII Great House near Blanding, or hike to the Moki Dugway and Muley Point. We are also considering a raft trip on the San Juan River to the Petroglyph Panel. So this trip is shaping up to be one that you don't want to miss. We will get more information out soon on costs as we finalize the itinerary. We are also working on lining up archaeologists in the region for nightly campfire talks (a very popular addition to our field trips last year). Karen Kinnear and Rosi Dennett are the trip leaders with assistance from Ann Phillips and Dr. Lynda McNeil. Please contact Karen or Rosi (at kinnear.rockies@gmail.com or rosidennett@gmail.com), if you are interested at this time so we can decide if we need to obtain BLM permits or not.



Moon House Ruin, Cedar Mesa. Photo published by the U.S. Bureau of Land Management. Public Domain.

Elevations Lecture: Engaging with Archaeology in Boulder County and Beyond

By *Allison M. Kerns*

On Thursday, June 8 2017 Allison Kerns and Chris Kerns from the IPCAS board gave a presentation at Elevations Credit Union titled “Engaging with Archaeology in Boulder County and Beyond.” The presentation focused on the type of archaeology found within Boulder county, how to get involved, and made the point that there is a way for everyone to get involved with their local archaeology. Thirty-three people attended the presentation, which was very well received and got very positive feedback. The power point from the presentation will be available on the IPCAS website in the near future.

Our presentation, along with some subsequent events, led to some very important discussions with the CAS President Karen Kinnear, State Archaeologist Holly Norton, and SAA Archaeologist-Collector Collaboration Interest Group Chair, Bonnie Pitblado. We will be seeking out professional archaeologists beyond History Colorado whom IPCAS and CAS, as organizations, can refer members of the public to when they have questions about

objects they find on their own property. One of our goals, which the presentation helped to promote, is to ensure the IPCAS is a resource for interested members of the public to seek advice regarding cultural heritage they come across, whether on public or private lands. This was a great opportunity to reach out to members of the public, who are not normally exposed to archaeology, and expose them to wonderful discipline we are all interested in.

Thank you to Elevations Credit Union for hosting the presentation, and to all those who joined us for the presentation



Allison speaking about archaeology on Public Lands. Photo courtesy of Katy Waechter.

SUMMER EVENTS CALANDER

Lectures			
7/18/2017	A Photographic History of Boulder	Megan Moriarty	Elevations Credit Union & The Museum of Boulder https://www.elevationscu.com/community/events-seminars
Field Trips/Tours			
7/14/2017- 7/16/2017	Archaeology and Western History by Canoe on the Gunnison River	Denver Museum of Nature & Science	http://www.dmns.org/learn/adults/field-trips-and-travel/archaeology-and-western-history-by-canoe-on-the-gunnison-river/
7/29/2017	History Hounds; Delaney Farm and the City of Aurora Open Space	History Colorado	http://www.historycolorado.org/event/history-hounds-delaney-farm-and-city-aurora-open-space
8/3/2017- 8/6/2017	The Real Rocky Mountain Originals: The Utes	History Colorado	http://www.historycolorado.org/event/real-rocky-mountain-originals-utes
8/9/2017- 8/13/2017	Geology & Archaeology by Canoe on the Upper Gunnison River	Denver Museum of Nature & Science	http://www.dmns.org/learn/adults/field-trips-and-travel/geology-and-archaeology-by-canoe-on-the-upper-gunnison-river/
8/19/2017	History Hounds: Explore Echo Lake	History Colorado	http://www.historycolorado.org/event/history-hounds-explore-echo-lake
9/9/2017	History Hounds: South Mesa in Boulder County	History Colorado	http://www.historycolorado.org/event/history-hounds-south-mesa-boulder-county-0
Exhibitions			
March 10th thru August 13th	Vikings: Beyond the Legend	Denver Museum of Nature and Science	http://www.dmns.org/calendar
Fieldwork Opportunities			
7/30/2017- 8/4/2017	Molander State Historic Site Geophysical Survey	Price, North Dakota	www.paleocultural.org/participation.htm
8/17/2017- 8/23/2017	Old Spanish National Historic Trial West Branch Survey	San Luis Valley, Colorado	www.paleocultural.org/participation.htm

2017 IPCAS Board & Supporting Members

Board Members

President	Rosi Dennett	rosidennett@gmail.com
Vice President Elect	Lynda McNeil	lynda.mcneil@colorado.edu
Secretary	Debbie Smith	debbiesmithcmc@gmail.com
Treasurer	Hal Landem	hal963landem@gmail.com

At Large Board Members

	Cheryl Damon	cheryl_damon@msn.com
	Joanne Turner	joanne.turner@colorado.edu

Appointed Positions

PAAC Coordinator/CAS Rep	Delane Mechling	mechlings@hotmail.com
Outreach Coordinator	Allison Kerns	AllisonMKerns@gmail.com
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Archivist	Kris Holien	kjholien@aol.com
Calumet Editor/News & Events	Christopher Kerns	ChrisJKerns@gmail.com
Website Administrator	OPEN	
Professional Advisor	Bob Brunswig	robert.brunswig@unco.edu

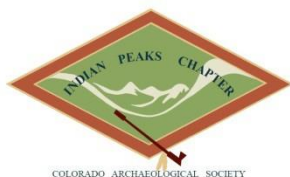
Editor: Christopher J. Kerns

Members are encouraged to send ideas or material for The Calumet. All content is subject to review and approval by the IPCAS Board.

The submission deadline is the 3rd Monday of the month for the next month's issue.

Send to indianpeaksarchaeology@gmail.com or ChrisJKerns@gmail.com





MEMBERSHIP APPLICATION – INDIAN PEAKS CHAPTER

Category	Amount
Individual	\$28.00
Family	\$33.00
Senior – Individual (does not receive <i>Southwestern Lore</i>)	\$14.00
Senior – Family (does not receive <i>Southwestern Lore</i>)	\$16.50
Student – Individual	\$14.00
Student – Family	\$16.50
Secondary Membership (Must be a member of a separate CAS Chapter)	\$10.00

____ New ____ Renewal Tax-Exempt Donation ____\$10, ____\$25, ____\$50, Other ____

***Membership period runs from January 1 through December 31 (calendar year).

Name(s) _____

Primary Email: _____ Secondary Email: _____

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City _____ State _____ Zip Code _____

Primary Chapter Membership (Only if you are requesting a secondary membership): _____

Please make check payable to: Indian Peaks Chapter, CAS. Mail to: PO Box 18301, Boulder, CO 80308-1301

I(We) give CAS permission to :

Yes ____ No ____ disclose phone numbers to other CAS members

Yes ____ No ____ publish name/contact information in chapter directory

Yes ____ No ____ publish name in newsletter (which may be sent to other chapters, published on the internet, etc.)

CODE OF ETHICS

As a member of the Colorado Archaeological Society, I pledge: To uphold state and federal antiquities laws. To support policies and educational programs designed to protect our cultural heritage and our state's antiquities. To encourage protection and discourage exploitation of archaeological resources. To encourage the study and recording of Colorado's archaeology and cultural history. To take an active part by participating in field and laboratory work for the purpose of developing new and significant information about the past. To respect the property rights of landowners. To assist whenever possible in locating, mapping and recording archaeological sites within Colorado, using State Site Survey forms. To respect the dignity of peoples whose cultural histories and spiritual practices are the subject of any investigation. To support only scientifically conducted activities and never participate in conduct involving dishonesty, deceit or misrepresentation about archaeological matters. To report vandalism. To remember that cultural resources are non-renewable and do not belong to you or me, but are ours to respect, to study and to enjoy.

Signature: _____ Signature: _____