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## From the (Vice) President

*By Katy Waechter*

Howdy IPCAS members! I'm writing to you this month since Rosi is on temporary leave to become a Master Gardener. Best of luck, Rosi! We look forward to your return in December!

I look forward to seeing you at the upcoming **IPCAS Annual Meeting** next Thursday at 7 PM at 2520 55th Street in Boulder. Our speaker is **Dr. Adam Schneider** who will present recent work in using archaeological data in interdisciplinary research on conflict through cultures and time. If you're interested in the big picture of how archaeological data informs the social and political environments of today and tomorrow, you won't want to miss Dr. Schneider's presentation.

Before Dr. Schneider's presentation, we will hold elections for the IPCAS Board. Any member in good standing is eligible to be an officer, board member, or appointed position. Read more about the roles at [indianpeaksarchaeology.org/join-us/bylaws](http://indianpeaksarchaeology.org/join-us/bylaws).

It's important that we have at least 15% of our members present at this meeting in order to hold elections. If you are unable to join us in person but would like to join us online, we will have a Google Hangout session (more info via email next week).

Outside of the chapter, the Assistant State Archaeologist, Becca Simon, has asked IPCAS to tell her what classes we want and need. If you have time, please fill out this survey (<https://goo.gl/forms/jkpYuyXZQLAEgdTs2>) about your interest and involvement with PAAC. This is a great way to send feedback about what you want to see done with PAAC!

Finally, I want to extend an invitation to the IPCAS Holiday Potluck Party to all of our members. The party will take place on December 13th from 6:30 PM to 8:30 PM at the OSMF Hub. Bring your family, friends, and a dish to share to this all-ages event. There will be activity stations and games, including flintknapping, creating yucca cordage, DIY rock art, live music and more! If you have a special skill, activity, or game to share, please let me know!

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## IPCAS Board Election

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Election of IPCAS Board members is scheduled for Thursday, November 8th at our annual meeting. The current board has a slate of officer candidates prepared for you to vote on. All of the candidates listed are currently serving on the IPCAS Board. Please click on each candidate's name to visit their bio page on the [IPCAS website](#). The current slate of candidates include:

- |                                 |                                  |
|---------------------------------|----------------------------------|
| ◇ <b>President</b>              | ◇ <b>Secretary</b>               |
| ◇ <a href="#">Katy Waechter</a> | ◇ <a href="#">Debbie Smith</a>   |
| ◇ <b>Vice President</b>         | ◇ <b>Board Member (At Large)</b> |
| ◇ <i>vacant</i>                 | ◇ <a href="#">Joanne Turner</a>  |
| ◇ <b>Treasurer</b>              | ◇ <b>Board Member (At Large)</b> |
| ◇ <a href="#">Cheryl Damon</a>  | ◇ <a href="#">Hal Landem</a>     |

We are openly seeking a **Vice President** for the chapter. The role of Vice President is perfect for a student, young or mid-career archaeology professional, or someone who wants to spend one-on-one time talking with our speakers. The Vice President is primarily responsible for inviting and scheduling speakers as well as arranging meeting spaces. It's a fun position and great way to build connections with professionals and academics. Any member in good standing is eligible to run for this position.

In addition to the elected positions, we are looking for some help in appointed positions. We've had a number of vacancies in the past year that we need filling, including:

- ◇ **Newsletter Editor**
  - ◇ Collects content for the IPCAS newsletter, the Calumet, and compiles it into a formatted newsletter that is released 9 months out of the year.
- ◇ **Social Media and Website Manager**
  - ◇ Collects content for the IPCAS social media accounts (Facebook, Twitter, Instagram) and manages publications on those platforms.
  - ◇ Manages and maintains IPCAS website ([indianpeaksarchaeology.org](http://indianpeaksarchaeology.org))

Thank you for all our your efforts to those serving in appointed positions, including PAAC Coordinator (Delane Mechling), Outreach Coordinator (Christian Driver), CU Liaison (Gretchen Acharya), and Archivist (Kris Holien). **And thank you to all currently serving and past ICPAS officers, board members, committee members, and appointed positions. You've built and sustained this chapter through the past 80+ years.**

*Please contact [indianpeaksarchaeology@gmail.com](mailto:indianpeaksarchaeology@gmail.com) if you're interested in working with IPCAS!*

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## IPCAS Lectures

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**When:** Thursday, November 8th at 7:00 pm  
**Where:** OSMP Hub, 2520 55th Street, Boulder  
**Cost:** Free and Open to the Public

### **Dr. Adam W. Schneider**

Cooperative Institute for Research in the Environmental Science

### **Leaving the Trenches: Utilizing Archaeological and Historical Evidence in Interdisciplinary Conflict Research**

An exciting development that has taken place in archaeology during the past few decades is an explosion of interdisciplinary collaborations which has greatly enhanced our understanding of the human past (especially with respect to the dynamics of ancient human-environment relationships). However, while data and research methods from other disciplines have unquestionably made a positive impact in archaeology, scholars from disciplines not focused on the human past have generally been slower to appreciate the potentially significant utility of archaeological data and methods in their research.

Accordingly, this presentation will demonstrate the important roles that archaeology and history can play in interdisciplinary research focused on contemporary sociopolitical issues, using an ongoing collaborative project being undertaken by researchers at CU-Boulder and Princeton University's Woodrow Wilson School of Public and International Policy as an example. This effort, which began in October of 2017, seeks to improve our understanding of the long-term causal dynamics of internal conflicts (i.e., civil wars, revolutions, etc.) through the comparative analysis of a selection of over thirty past and present case studies from a broad variety of temporal and cultural contexts. Although the ultimate goal of the project is to generate insights that can help to identify high-risk scenarios in the present and future, I will argue that the study of the past is nevertheless central to the research itself; indeed, the core of the project's conflict causality model is comprised chiefly of archaeological and historical evidence for the economic, political, and social circumstances which prefigured past episodes of internal conflict.

### **About Dr. Schneider**



Dr. Adam Schneider is a CIRES Affiliate at CU-Boulder's Cooperative Institute for Research in Environmental Sciences. His areas of research specialization are environmental archaeology, environmental history, modeling the causes of historical conflicts and crisis events, and the Holocene paleoclimatology of the Middle East, North Africa, Central Asia, and Europe.

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**Stay tuned for details for the IPCAS Holiday Party on Thursday,  
December 13th, 2018 at 7:00 PM at the OSMP Hub!**



# Summary of White Rocks Rock Art Condition Assessment 2018 Fieldwork

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*By Christian A. Driver*

This year, the City of Boulder's Department of Open Space and Mountain Parks (OSMP) partnered with IPCAS to perform condition assessment at the White Rocks site in Boulder. Over the centuries, White Rocks has been utilized as a habitation site, resource gathering area, and transportation corridor, due to its position along a major waterway that links the mountains with the plains. The soft sandstone at the site has facilitated the creation of an impressive array of rock art consisting of historic and prehistoric-age artistic renderings, names, dates, and initials. However, the soft stone is very fragile and this important record of Boulder's past is currently under threat from a variety of impacts such as vandalism, erosion, and other damage. IPCAS members were involved in the initial recording of this site and the current recording seeks to re-engage the chapter to record baseline condition data for this unique cultural resource.



Cheryl and Sierra recording Panel 14. Photo courtesy of Gretchen Acharya.

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As of October 2018, the condition assessment project has completed assessment of 31 panels at the site and has initiated assessment at an additional three panels. With approximately 90 panels known to exist at the site, the program has completed assessment of approximately 1/3. Most of those recorded thus far are the more easily accessible panels situated on the lower and middle cliffs in the western and central portions of the site.

We've already learned much about impacts to the White Rocks area. Thanks to the work of volunteers, several panels with extensive delamination and sloughing have been identified as at risk and will be prioritized for photogrammetry in the coming year. The documentation of some new inscriptions provide clues about where people may be gaining access to the site during the closure and points to install monitoring devices have already been identified.

Lastly, it is apparent that vegetation plays a significant role in damage to panels at the site. Trees growing at the bases of panels can fall forward and rip portions of the wall away or their branches may scrape against the stone. The removal of some trees at the site may be necessary to preserve important inscriptions.

The impressive amount of panels that were recorded this year have contributed to the most comprehensive account of threats to site integrity in the last 20 years. This would not have been possible without the help of those who volunteered their time, including those Indian Peaks chapter members that created the 1984-1997 recording of the extant rock art at the time. The White Rocks Rock Art Condition Assessment project is a great example of how partnerships between agencies and members of the Colorado Archaeological Society can enhance the stewardship of important community cultural resources.



Overview of the White Rocks floodplain and lower ledge. Photo courtesy of Gretchen Acharya.



## Notes on the 2018 Tahosa Creek Field Expedition

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*By Dr. Holly Kathryn Norton*

*History Colorado*

The 2018 PAAC Summer Program was a partnership between History Colorado and Metcalf Archaeology. Holly Norton and Kimball Banks lead 10 days of excavations at the Tahosa Creek Site, 5LR647, in Larimer County. The excavation was hosted by the Salvation Army, who owns the land, and donated lodging and meals to the participants. The Salvation Army runs a kids summer camp, so that's who we ate with. Everyone's favorite meal was the corn dogs and tater tots we had for lunch on the first day of the first session- it started the dig off on the right foot!



The Salvation Army property and Tahosa Creek area in Larimer County. Photo courtesy of Gretchen Acharya.

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Norton and Banks were joined by other History Colorado and Metcalf staff- Holly McKee, Stephanie Boktor, Kallie Sanders, and Dante Knapp- as well as Dr. Jon Kent's students from Metro State, Dante Nicolas and Aubree Gabbard; Dr. Bruce Lutz' student from CSU-Pueblo, Spencer Little; and an in-coming grad student into Dr. Jason LaBelle's grad program at CSU, Paul Buckner. As always, there were a number of volunteers from IPCAS, Northern Colorado-CAS, and Denver-CAS, including Linda Sand, Rae Todd, Rosi Dennet, Kris and Bernie Holien, Lynn Hoy, Gretchen Acharya, Colin Early, and even an intrepid soul from the Hisatsinome chapter in Cortez, April Gray. We were also fortunate

to pick up other volunteers, Howard Smith, John Riley, Karl Kumley, and Signe Snorgland, and hopefully we didn't scare them off from future PAAC projects. On site intermittently throughout the ten days was a team of geophysics students from Dr. Richard Krahenbuhl's class at Colorado School of Mines. The students conducted a number of remote sensing tests to help identify buried features, as well as previous excavation units and other potential areas of interest.



*Above:* Gretchen screening.

Photos courtesy of Gretchen Acharya.

*Below:* Group taking measurements of an open unit.



The site, located at 9300' in the intermountain region of the state, is estimated to be a Middle Archaic camp site, although analysis on this year's haul is still on-going. Like many mountain sites, the artifact deposits were relatively sparse, hence leading to the working hypothesis that this was a seasonal or intermittent camp site. Located in the shadow of Longs Peak, it is well situated along not only Tahosa Creek, but saddles along which large game would (and still do) pass, such as elk (early risers were also fortunate to see a mother moose and her offspring one early June Day, and birders were in near paradise).

Twenty 1x1-m units were excavated, as well as 14 shovel test pits, and two mechanically-excavated trenches to delineate soil profiles. A majority of the artifacts recovered were flakes, but the material is a beautiful and broad array of chert, jasper, chalcedony, and other knapp-able materials that are found throughout the state.

In keeping with tradition, the most interesting find was recovered in the last day of field work, as the heavens opened up and poured down on the

excavation units. At 50-70 cm below surface, a living surface was identified on the bedrock, with in-situ mano and metate fragments, numbering 4 each. Soil samples were collected, and fragments were recovered in the hopes that laboratory tests may provide information on what these tools were used for. Stay tuned for more information!

# NOVEMBER EVENTS CALANDER

Lectures			
11/5/18, 7:00 pm	The Cosma Complex: A Persistent Landscape in the North-Central Peruvian Andes (Denver Chapter meeting)	Kimberly Munro	Denver Museum of Nature and Science, 2001 Colorado Blvd, Denver
11/8/18, 7:00 pm	<a href="#">Leaving the Trenches: Utilizing Archaeological and Historical Evidence in Interdisciplinary Conflict Research</a>	Dr. Adam Schneider	OSMP Hub 2520 55th Street, Boulder
11/10/18, 9 am—6 pm	<a href="#">Curation Alliance Forum</a>	History Colorado	History Colorado 1200 Broadway, Denver
11/10/18, 11 am– 3 pm	<a href="#">Hands-On History Family Fun Days</a>	History Colorado	History Colorado 1200 Broadway, Denver
11/14/18, 1 - 3 pm	<a href="#">Coca on Historic Market Street</a>	Dr. Tom Noel	Sign up through History Colorado Tours and Treks
11/19/18, 7:00 pm	Denver Water 100 Years: Past, Present and Future — Water Connects Us All	Holly Geist, Matt Bond	History Colorado 1200 Broadway, Denver
11/20/18, 7:00 pm	Apishapa Rock Art and Great Basin Shamanis (Pikes Peak Chapter meeting)	Frank Lee Earley	CO. Springs Fire Station 19, 2490 Research Pkwy, Colorado Springs
11/26/18, 1:00 pm	The Light Shines from the West: A Western Perspective on the Growth of America	Bob Baron	History Colorado 1200 Broadway, Denver
11/28/18, 7:00 pm	When the Volcano Erupts: Lessons from the Archaeological Record on Human Adaptation to Catastrophic Environments	Rachel Egan	CU Museum of Natural History 1030 Broadway, Boulder <i>Archaeological Institute of American Meeting</i>

As always, if you know of any events, lectures, exhibits, or fieldtrips you would like added to our events calendar, please send an email to [indianpeaksarchaeology@gmail.com](mailto:indianpeaksarchaeology@gmail.com)



# 2018 IPCAS Board & Supporting Members

## Board Members

President	Rosi Dennett	<a href="mailto:rosidennett@gmail.com">rosidennett@gmail.com</a>
Vice President	Katy Waechter	<a href="mailto:kewaechter@gmail.com">kewaechter@gmail.com</a>
Secretary	Debbie Smith	<a href="mailto:debbiesmithcmc@gmail.com">debbiesmithcmc@gmail.com</a>
Treasurer	Cheryl Damon	<a href="mailto:cheryl_damon@msn.com">cheryl_damon@msn.com</a>

## At Large Board Members

	Hal Landem	<a href="mailto:hal963landem@gmail.com">hal963landem@gmail.com</a>
	Joanne Turner	<a href="mailto:joanne.turner@colorado.edu">joanne.turner@colorado.edu</a>

## Appointed Positions

PAAC Coordinator/CAS Rep	Delane Mechling	<a href="mailto:mechlings@hotmail.com">mechlings@hotmail.com</a>
Outreach Coordinator	Christian Driver	<a href="mailto:ChristianADriver@gmail.com">ChristianADriver@gmail.com</a>
CU Liaison	Gretchen Acharya	<a href="mailto:gacharya@finearts@gmail.com">gacharya@finearts@gmail.com</a>
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Calumet Editor/News & Events	Katy Waechter	<a href="mailto:kewaechter@gmail.com">kewaechter@gmail.com</a>
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## Editor: Katy Waechter

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](mailto:indianpeaksarchaeology@gmail.com) or [kewaechter@gmail.com](mailto:kewaechter@gmail.com)

