



PASTIMES

Newsletter of the Panhandle Archeological Society
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HAPPY HALLOWEEN!!!!



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PANHANDLE ARCHEOLOGICAL SOCIETY

Minutes of September 15, 2021

The meeting was called to order by President Erin Frigo at 7:05 p.m. via a hybrid meeting at the Southwest Library and ZOOM.

There were 17 persons in attendance.

PROGRAM: The program for the evening was Native Hunters, Prairies, and Bison by Christopher Roos. Christopher Roos, Professor of Anthropology at SMU, presented Native Hunters, Prairies, and Bison, a look at the methods indigenous people used to manage prairies and bison herds. He discussed the role of fire in the evolution of global grasslands and methods that Indigenous hunters used to control wildfires in grass-lands to improve their hunting. These strategies improve biodiversity in the process and may mediate fire-climate relationships as well. In northern Montana, Blackfoot hunters used fire to manipulate the grazing behavior of bison herds for centuries, making them ecosystem engineers of northwestern Great Plains prairies.

MINUTES: Erin moved for the May meeting minutes to be approved. Andy seconded it and they were approved.

Treasurer's Report: It was reported that the total in the checking account is \$7,759.03.

PUBLICATIONS REPORT: The Publications Money Market (checking) Account had a May beginning balance of \$2325.51. Over the Summer months, \$ 0.75 interest was earned. There was one Publication sale for \$15, and an expense of \$134 for the annual rental of our PO Box. The resulting balance for August month end is \$2,207.26.

The Publications 180 Day CD had a beginning May balance of \$5344.47. The Certificate matured on August 9, paying \$10.54 interest. The ending August balance is \$5355.01. The renewed Certificate will mature on February 5, 2022.

MARKETING: Wildcat Bluff was a great Marketing/Outreach opportunity. They did corn grinding. At the Amarillo Community Market they did petroglyphs. Some of the adults that stopped by the table were a bit disappointed we did not do more of a demonstration. Erin said she was open to different ideas for adults. Paul suggested Artifact ID. Scott agreed. The National Park Service is doing the village tours during October on Saturdays, maybe the PAS could have a booth at the contact station during the tours. Veronica suggested that we pair with big events. Erin will look on the website to check it out.

Facebook has over 500 likes now. Instagram has about two to three more followers per week.

Erin still has PAS bumper stickers for sale for \$6.00.

OLD BUSINESS: The 56th Southwest Federation Symposium that we are hosting was postponed until 2022. Paul wasn't members to make formal motion to host in person symposium in Amarillo or Canyon. Scott asked if it would be the same as before COVID or if it would be different. We vote to host in person, but Paul will go to the board and ask about how they feel about mandates/recommendations. We would plan and schedule events where everyone would feel safe. Scott motions that we put forth an invite. Veronica seconded and also mentioned two conflicts in the first weekend in April. The SAA will be March 30 to April 3rd and Texas Tech will be hosting a Pre-Ranching Symposium April 1st and 2nd. Paul suggested we hold it on the second weekend in April (8th and 9th). Erin seconded this. Paul asked if we could do it. He said he would silicate the papers. Veronica mentioned that if we can host the TAS annual meeting we can host the Federation.

NEW BUSINESS: Elections are coming up. Erin is supposed to appoint a chairperson for a selection committee. No person volunteered to act as chairperson. If you would like to run for a position send Erin an email.

The Bureau of Land Management for National Public Lands Day will host an event at the Crossbar. The PAS has been invited to attend. If you want to go meet at the white gate at 8:30 am. Jaime Palmer and Erin will be checking check dams. Paul asked if we need to bring any equipment. Erin believes they have everything they need. They will feed you also, you just need to bring water, pen and paper. It was asked how public this would be. To Erin's knowledge only the PAS and the Texas Master Naturalists have been invited to attend.

Veronica stated that over the summer she coauthored an article on Rolla through the TAS Newsletter. She also mentioned that Rolla's wife, Sidney, invited her and myself to her house to go through his stuff for the museum. There were a number of items that could be used for the PAS auction. There were also a lot of newsletters and other papers. If we could have a volunteer to go through these papers to make sure we have everything and to cull some things if needed as we are running out of space in the museum. Darla said she could help. The duplicates can be disposed of and maybe digitize. We need to figure out how to get that done, maybe keep one copy to digitize then throw it away. That would allow us to have one hard copy and one digital copy. Scott volunteered CAR to help with the digitization process.

Paul saw a newspaper article on August 10th about the trail system in West Amarillo called Hobo Hills on 9th Street. They are going to build some more trails and are going to hire a CMS to do the archeology portion. Paul suggested we contact the city to offer our services. Erin said she would contact the city and see.

Melissa Griswald passed away September 3rd. There will be a service at Boxwell Brothers October 5th at 6:00 pm.

The meeting adjourned at 8:30 p.m.

Respectfully submitted,

Miranda Bible, Secretary

We Once Were a Numerous People: Social Dynamics and the Long-Term Legacies of Smallpox Epidemics on the northern North American Great Plains

**Kacy L. Hollenback
Southern Methodist University**

Abstract

Contact between Old World and New World populations resulted in the exchange of ideas, technologies, and practices that dramatically changed world cultures. The Columbian Exchange also resulted in the spread of invasive species, including catastrophic Old World epidemic diseases like influenza, measles, and smallpox. The impacts on peoples in the Americas was disaster. In some areas fifty to eighty percent of the population died. Archaeology has contributed to our understanding of the spread of such epidemics. However, there has often been a focus on when and where disease outbreaks occurred and how many people were affected. Less attention has been given to what life was like for survivors. How did these individuals put their lives and societies back together after devastation?

Using theoretical assumptions from the anthropology of disaster and technology, the social impacts of smallpox on survivors can be explored. Such an approach is important, especially in areas with no written record. This presentation explores how the Hidatsa, a group of earth-lodge villagers in North Dakota visited by Lewis and Clark and home of Sacajawea, responded to the smallpox epidemics of the 18th and 19th centuries. Specifically, how did individuals maintain or modify daily practice in light of these catastrophic events? This is an important topic to consider because the decisions and actions of those who endured these processes resulted in culture change and cultural survival for Native American Nations today.

Biography

Kacy L. Hollenback is an Assistant Professor in the Department of Anthropology at Southern Methodist University in Dallas. She earned a PhD in archaeology from the University of Arizona in 2012. Her areas of specialization include anthropological archaeology and hazards and disaster research, especially the long-term legacies of disaster. Her regional expertise is Northern Plains archaeology and anthropology, and she also maintains interests in the American Southwest. Her most recent book, in partnership with Sarah Trabert (University of Oklahoma) and published by the Society for American Archaeology Press, is *Archaeological Narratives of the North American Great Plains: From Ancient Pasts to Historic Resettlement*.



UPCOMING EVENTS

October 20 Regular PAS meeting, 7:00 pm, held via Zoom and AgriLife Research and Extension Building, 6500 W Amarillo Blvd Amarillo, Texas

November 11 NTAS monthly meeting, 7:00pm (central time), via Zoom.
([Monthly Meetings \(ntxas.org\)](http://Monthly Meetings (ntxas.org)))

November 17 Regular PAS meeting, 7:00 pm, held via Zoom and Southwest Library, 6801 SW 45th Ave, Amarillo, Texas





Payment of Dues and Social Media Resources

For payment of membership dues and any donations, please mail your payment as a check made out to the Panhandle Archaeological Society at **P.O. Box 814, Amarillo, Texas, 79105.**

The membership dues are as follows:

Individual Membership: \$15 per year

Family membership: \$20 per year

Student membership: \$10 per year

Institution: \$20 per year

Please find the membership forms on our website at [membershipforms2021.pdf](#) ([dirtbrothers.org](#))

Also, please remember that the Panhandle Archaeological Society currently has the following social media pages:

Facebook: <https://www.facebook.com/PanhandleArchaeologicalSociety>

Instagram: https://www.instagram.com/pan_arch_soc/

Twitter: https://twitter.com/pan_arch_soc

Please help our society grow by liking, following, and sharing the pages and the posts!



2022 TAS Geoarcheology 201 Academy (Please Consider a Donation!)

Ken Lawrence

The most common feedback from every Texas Archeological Society (TAS) Geoarcheology Academy that we have held is a request for more hands-on instruction and more up close field exposure. Dr. Charles Frederick and Karl Kibler have wanted to do this in the past, but there has always been some obstacle to prevent it with one of them being a location that is available and warrants the attention. We now have such a location at the McNeill Ranch on the Guadalupe River near Victoria, which is where the last Geoarcheology Academy in Feb. 2020 was held in partnership with the Museum of the Coastal Bend at Victoria College, the Coastal Bend Archeological Logistics Team (CoBALT), and the McNeill family. The McNeill Ranch contains site 41VT141 that CoBALT has been working on for decades and was the subject of Michael Aiuvalasit's thesis. This site and location contains an excellent mix of archeology from Late Paleoindian up to the present and geomorphic processes that are excellent for a more hands-on academy.

This academy will be ambitious and will have many "firsts" for the TAS. We are in the beginning stages of putting this course together and are attempting to determine our possibilities and limitations. Briefly, some of the goals include having chronometric data (both OSL and 14c) completed by the time of the course to discuss with the academy participants. As you may know, the results of the OSL samples will take many months to obtain and we are attempting to hold the academy in the Spring of 2022. So we will need to collect and submit the samples by early summer to achieve this schedule.

With all of that preamble here is what we currently envision. There will likely be a classroom and field component to the course with the field component being the priority. In the field, we would have at least 6 open trench profiles across the site that will have been previously analyzed, documented, and interpreted by the geoarcheologists. For the fieldwork, the academy participants would be broken down into groups of 5-6 people who would go from trench profile to trench profile for a specified amount of time at which a geoarcheologist would instruct and discuss that profile with the group. The participants would record each profile and compose an interpretation. At the end of the course, the results of the geoarcheologist analyses and interpretations will be provided. Obviously, the specifics of the academy will adjust as we get further along in the process and development.

We have six geoarcheologists confirmed (Dr. Charles Frederick, Karl Kibler, Jim Abbott, Brittney Gregory, Dr. Gus Costa, and myself) who will be taking part in the instruction of the academy. We have planned two separate academies of 25 participants held over a four day weekend in the Spring of 2022. The first group would be Friday-Saturday and the second group would be Sunday-Monday. We intend to hold a social event on Saturday night for both groups to participate if they want.

The course is intended to provide opportunities to analyze and describe soils in the field and compare with the geoarcheological descriptions and analyses. Get a better knowledge of soils-geomorphology approach to interpret a landscape and a comprehension of geoarcheological reports and how best to work with them. Discuss dating profiles using radiocarbon and optically stimulated luminescence (OSL) and their interpretation. Note that the results of the analyses will be provided to all participants in the TAS Geoarcheology 201 Academy Field Guide and then curated with the other archeological investigations (e.g., CoBALT) that have occurred at the site.

We are soliciting funds to help pay for the upfront chronometric dating and limited logistical expenses required to develop this academy. Any amount is accepted but a minimum of \$500 will reserve a spot for one person. We have not yet established a firm cost for this academy, but it will be in the neighborhood of \$250 per participant (who will have to be a TAS member). The TAS is a 501 (c)(3) organization and donations are tax deductible. We intend to have the names of the "sponsors" listed on the Academy Field Guide.

We are directing everyone to donate to the TAS general fund and specify that your donation is for the TAS Geoarcheology 201 Academy Fund (<https://www.txarch.org/donate>). Please contact me if you have any questions at klawrence@swca.com.

Texas Archeological Society Geoarchaeology 201 Academy

McNeill Ranch (Victoria County) Spring 2022

2 separate sessions of approx. 25 participants held over a four-day weekend (Fri-Sat and Sun-Mon)

Designed to provide participants with:

- Opportunities to describe soil profiles in the field and compare your results with geoarchaeological descriptions of the same profiles;
- Understand how to use a soils-geomorphology approach to dissect a landscape;
- Discuss dating of profiles using radiocarbon and optically stimulated luminescence (OSL)

Instructors:

- Charles Frederick
- Karl Kibler
- Jim Abbott
- Brittny Gregory
- Gus Costa
- Ken Lawrence

Seeking Donations to TAS General Fund for Development

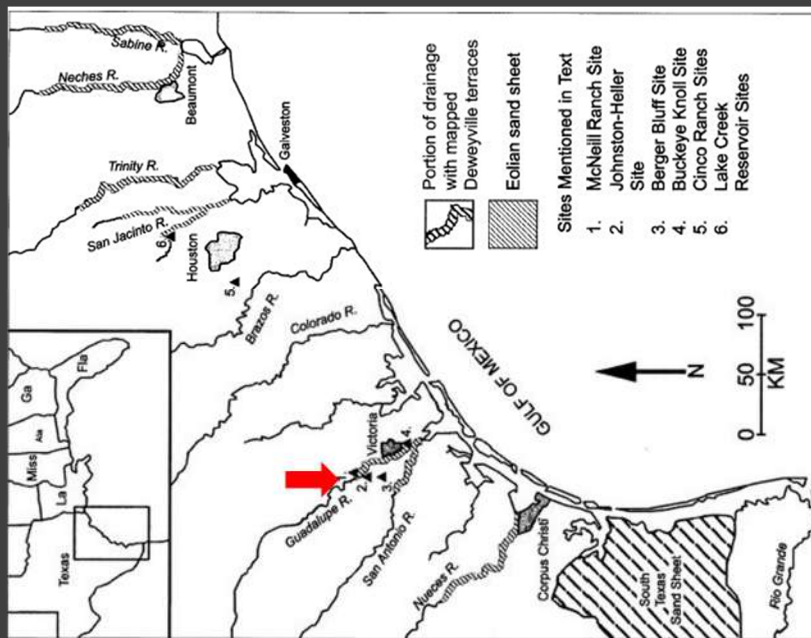
- Preparation for this academy requires funding for dating and logistics
- We can't do it without up front support
- Any amount accepted but a minimum \$500 Donation will reserve a spot for one person
- We are happy to accept larger donations (TAS is a 501 (c)(3) organization and donations are tax deductible)

For further info please contact any of the following:

Ken Lawrence klawrence@swca.com

Charles Frederick charlesthegeoarchaeologist@gmail.com

Karl Kibler karl@ctgeoarch.com





National Public Lands Day 2021

On Saturday, September 25th, the Panhandle Archaeological Society was one of a few local groups that was invited out to the Cross Bar Ranch for National Public Lands Day! The Cross Bar Ranch is located in Potter County, Texas and is managed by the Bureau of Land Management. It is the only BLM-administered land in Texas, and it holds both historic and prehistoric archaeological sites. The PAS went to do a little site monitoring at a few documented sites out at the property! It sure was a great day to take in the Great American Outdoors!

