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The Monthly Newsletter of the
Arizona Archaeological and Historical Society

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January 2023



Next General Meeting:
January 23, 2023
7:00 pm (MST)
AAHS@Home (Zoom webinar)
www.az-arch-and-hist.org

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President's Message

by Rebecca Renteria

Greetings AAHS members and *Glyphs* readers,

As the start of 2023 is upon us, papers and exams signaled the end of another semester for students, and time off over the holidays for many folks means time to catch up on media we may have chosen to bypass during busier times of the year. For me, this break means preparing to take my comprehensive exams in the next year, so I am spending lots of time reading in preparation for my assigned exam questions. (For those curious, comprehensive exams, or comps, are something like a midpoint of many Ph.D. programs where we have completed coursework and shown – through written and oral exams – that we have a solid foundation to progress to the work that will comprise our dissertation.)

In this process, I am reading journal article after journal article and books after book. However, with the community work I am hoping to engage in, there is often not much written about community work by those from within the community (but this is slowly changing in many disciplines). So, in lieu of papers and books to guide the development of my ideas, I often turn to other types of media like podcasts and blogs written and produced by – and sometimes in collaboration with – people from within communities.

Therefore, in addition to all the reading I will be doing over the holidays, I will be catching up on podcasts and learning from those in community who also happen to be shaping some of the most important and healing conversations in the academy and archaeology. So, if you are looking for new content, here are some recommendations and their descriptions of conversations I have learned so much from and some I hope to catch up on. I hope you enjoy and learn from these as much as I have! By no means is this an extensive list, so please forward any of your recommendations! Good health and best wishes to you and your loved ones over the holidays and in the new year!

All My Relations

<https://www.allmyrelationspodcast.com/>

Haslihail and Osiyo! Welcome to All My Relations” is a podcast in which we explore what it means to be a Native person in 2019. To be an Indigenous person is to be engaged in relationships – relationships to land and place, to a people, to non-human relatives, and to one another. All My Relations is a place to explore those relationships and to think through Indigeneity in all its complexities.

On each episode, hosts Matika Wilbur (Tulalip and Swinomish) and Adrienne Keene (Cherokee Nation) – and later, Desi Small-Rodriguez, a proud bicultural citizen of the Northern Cheyenne Nation and Chicana – delve into a different topic facing Native peoples today, bringing in guests from all over Indian Country to offer perspectives and stories. We dive deep, play some games, laugh a lot, cry sometimes, and hope that you’ll join us on this journey together.

Heritage Voices

<http://livingheritageanthropology.org/heritage-voices-podcast>

The goal of the Heritage Voices podcast is to provide a platform for Indigenous voices in Anthropology, CRM/Heritage, and Land Management discussions. The podcast features interviews with tribal members, descendant community members, and other Heritage/Cultural Resource Management professionals on tribal consultation, collaborative ethnography, Indigenous archaeology, etc.

SAPIENS Talk Back

<https://archaeologycoalition.org/past-acc-events/sapiens-talk-back/>

SAPIENS Talk Back was developed in collaboration with the Indigenous Archaeology Collective and the Society of Black Archaeologists, with special help from Dr. Sara Gonzalez, Dr. Justin Dunnivant, Dr. Ora Marek-Martinez, and Dr. Ayana Flewellen. Special thanks also to Dr. Chip Colwell and the production team at SAPIENS, Dr. Danilyn Rutherford at the Wenner-Gren Foundation for Anthropological Research, and House of Pod.

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The Archaeology Centers Coalition and RadioCIAMS present ‘SAPIENS Talks Back’: eight conversations with students and scholars that expand on the insights of Season 4 of the SAPIENS podcast, ‘Our Past is the Future.’ In extended discussions, we explore new perspectives on how Black and Indigenous voices are changing how archaeology tells its stories and, just as importantly, who tells them.

Toasted Sister

<https://toastedsisterpodcast.com>

After contact, Indigenous foodways and knowledge were devastated, nearly destroyed, and replaced with foods that are far from the people. So today, I’m talking to Native chefs and foodies about what Indigenous cuisine is, where it comes from, where it is headed, and how it is used to connect them and their communities to their origins and traditions.

This podcast is hosted by me, Andi Murphy. I started the Toasted Sister Podcast in January 2017 and talked with dozens of Indigenous people across the country about food. This is an award-winning podcast. It received first place for general excellence (in the professional division II) in radio and podcasting at the Native American Journalists Association 2019 National Native Media Awards.

Tohono O’odham Young Voices

<https://www.toyoungvoices.com>

Located in southern Arizona, this show shares episodes discussing local tribal events, topics, cultural perspectives, history, education, etc. Tohono O’odham Young Voices Podcast is a show that focuses on sharing tribal topics and stories of Southern Arizona within Indigenous communities. Telling our own stories uncensored and truthfully without limitations or changes to our narratives creates empowerment. We work on educating the public and communicating awareness and information from community perspectives. We provide accessible media outlets that archive and distribute this content on mainstream platforms.

AAHS Lecture Series

- Jan. 23, 2023: AAHS Winter Party and Fundraiser
Feb. 20, 2023: Davina Two Bears, *TBA*
Mar. 20, 2023: Julio Amador Bech, *Rain and Fertility Symbolism in the Rock Art and Cultural Landscape of the Trincheras Sites of Northwestern Sonora*
Apr. 17, 2023: Patricia Crown, *TBA*
May 15, 2023: *TBA*
June 19, 2023: Thatcher Rogers, *TBA*



CALL FOR RESEARCH AND TRAVEL GRANT PROPOSALS

Due Date: February 15, 2023

Membership in AAHS is required, and all members are eligible to apply

AAHS research grants up to the amount of \$1,000 are awarded annually. Travel grants are also available in amounts up to \$500 to support travel for research or to present research. Projects in archaeology, anthropology, history, or ethnology in the U.S. Southwest and Northwest Mexico are considered. Further information on criteria and application procedures is available at <https://az-arch-and-hist.org/?p=465>.

glyphs: Information and articles to be included in *glyphs* must be received by the first of each month for inclusion in the next month's issue. Contact me, Emilee Mead, at emilee@desert.com.



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www.facebook.com/archandhist



YOU ARE INVITED!
8th Annual Winter Party and Fundraiser
January 23, 2023
6:30 p.m.

Join us for the AAHS Winter Party and Fundraiser through Zoom Webinar and join with your family, friends, colleagues, and others interested in the archaeology, history, and cultures of the Southwest for a celebration of who we are. A flyer with details including how to register is in this *Glyphs*. The event is open to all, and it is our main fundraiser for the Research and Travel Grants.

The committee has re-structured the event a bit for 2023. Based on valuable feedback from our community and internal discussions these recent months, the AAHS Board and Winter Party Committee have changed the nature of the 3-minute presentations that are part of the event. We have moved away from entertainment-style presentations (for example, costumes, puppets, interpretive dance, etc.). We have also removed the competitive/voting aspect of this part of the event. We hope to provide a space where southwestern culture and heritage is shared in a lively and respectful manner.

The committee has added three fun debates for your education and entertainment that will occur during the event. Participate as debate judges with donation votes to help us raise funds to support AAHS Research and Travel Grants!

This year Ed Kaboutie from the Hopi village of Shungopavi and the Tewa village of Khapo-Owingeh has graciously agreed to share his music with us during the event. Through music and storytelling, Ed shares the courageous stories of the people and lands of Indigenous America. AAHS is honored that Ed has agreed to provide stories and music for us during the party. Ed's performances enlighten and teach while entertaining and are often referred to "edu-tainment."

Last, but definitely not least, is the silent auction we have in store for you. We have unique southwest items including Oaxacan Alebrijes, pottery, and other offerings this year that you will not want to miss. Bid early online beginning January 8 and throughout the event through biddingowl.com. If you have not used Bidding Owl

before or if you have forgotten your password, go online to the link biddingowl.com before the party to sign up or to reset your password so you are ready for the auction and debate voting. Then bid to support future research!

We're looking forward to being with all of you online for the event through Zoom. See the announcement for details and sign up soon to be part of the annual AAHS Winter Party.

American Rock Art Research Association (ARARA)

ARARA Student Research Awards

Undergraduate: up to \$500
Masters: up to \$1500
PhD: up to \$2500

Application deadline is January 20, 2023
For more info, visit <https://arara.wildapricot.org/Student-Research-Awards>



ARARA Annual Conference
March 10-13, 2023

Sheraton Tucson Hotel & Suites, Tucson, Arizona

Call for Papers:

- 15-minute regular presentations
- 10-minute reports
- Posters

Submission deadline is January 15, 2023
(\$500 travel stipend available for student presenters)

For more info, visit <https://arara.wildapricot.org/Conf-Call-For-Papers-2023>



WHERE: Zoom Webinar
WHEN: Jan 23, 2023
6:30 p.m. MST

Pre-register to attend at:
<https://bit.ly/WinterParty2023>

8TH ANNUAL AAHS WINTER PARTY AND FUNDRAISER

Join us for a fun and educational virtual Winter Party and fundraiser including music and storytelling by Ed Kabotie Tewa/Hopi illustrator & musician, 3-minute presentations, debates, silent auction, and more. Be in the comfort of your home while joining your colleagues and friends for an enjoyable evening designed to celebrate who we are and to raise money for future AAHS Research and Travel Grants.

More Information

- An evening with slides, presentations, debates, silent auction, and music.
- The **silent auction** will be posted online at [BiddingOwl.com](https://www.biddingowl.com) beginning January 8, 2023 and bidding will be **open until January 23, 2022 at 9:00 p.m.** after the party ends. Bid winners will be notified by email or phone.
- **QUESTIONS?**
Email: aahs1916@gmail.com
- AAHS encourages **donations prior to the event at:** <https://bit.ly/AAHSResearchGrantDonation>
- **Vote with dollars** for the best **debate** during the event and bid on wonderful items at the silent auction.
- All proceeds **support future research!**

<https://www.facebook.com/ArchandHist/>
<https://www.az-arch-and-hist.org>

Locating Potential Temper Sources in the Sapillo Valley for Lake Roberts Vista Site Painted Sherds

*Jonah Jankovik
Eastern New Mexico University*

ABSTRACT

This study sought to identify the stream sands that were gathered for pottery production and to show exchange between Lake Roberts Vista (LRV) (LA 71877) and other sites. The purpose was to understand production and intra-valley exchange of Mimbres pottery in the Sapillo Valley with LRV as case study. It was hypothesized that much of the pottery would be linked to drainages in the valley, particularly in the vicinity of LRV. Using an optical microscope, petrographic comparisons and characterizations were conducted utilizing sand samples in the Sapillo Valley and a sample of Mimbres-Mogollon ceramics painted sherds previously collected from LRV. X-ray diffraction and primary component analysis of mineral data were also utilized to the same goal. These data were used to create a petrofacies map for the Sapillo Valley, displaying the variance observed across the valley. The results identified a handful of drainages in the lower part of the valley that are most likely temper sources and that account for only about half of tested sherds, suggesting a larger exchange/trade rate than expected.

The Lake Roberts Vista site (LRV) is a Mimbres habitation site containing structures from the Georgetown phase through the Classic period (AD 550–1130), including six known pithouses, a great kiva, a plaza, and three or four pueblo room blocks (Roth 2007). The site is located within the Gila National Forest in the Sapillo Creek valley,

Research partially supported by an Arizona Archaeological and Historical Society Travel Grant for work in the Sapillo Valley, New Mexico.

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a forested volcanic upland situated between the Mimbres and Gila Rivers.

Ceramic production in the region of the Sapillo Valley was likely a mixture of models that included centralization around large sites, household production, and distribution with population movements (Creel and Speakman 2018; Gilman et al. 1994; Powell-Marti and James 2006; Shafer and Brewington 1995; Stokes 2015). There was trade between the Mimbres and Gila Valleys during the Late Pithouse and Classic periods, the intensity of which switched directions around the pueblo transition (Creel and Speakman 2018). A study of ceramics and clays (Gottschall et al. 2002) has linked the Sapillo to the Mimbres Valley.

The goal of the current project was to find a correlation between temper material used in painted sherds recovered from the LRV site and side drainage alluvial sands along the length of the Sapillo Valley. The intention was to discern likely temper material sources during the Pithouse and Pueblo periods. A petrofacies model was formed to characterize the valley's drainages by defining side drainage sand mineral compositions. Additional considerations were if specific temper sources were near any large habitation sites and if the utilized sources changed over time. Likely source or production locations of some of the sampled sherds from LRV were determined.

Using an optical microscope, petrographic comparisons and characterizations were conducted using side drainage sand samples that were then compared to a sample of LRV's painted sherds. X-ray Powder Diffraction (XRPD) was applied as a secondary technique. These data were utilized to determine if production was local or not, and, if possible, to determine which sites appear to be the loci of production to understand intra-valley exchange of pottery.

Sand samples were taken from 18 of the side drainages in the upper and middle Sapillo Valley. The medium-grained sections of these samples were used in the analyses. Visual analysis was undertaken under binocular microscope. Half the Mimbres type sherds recovered from floor/occupation levels of structures and communal areas were sampled to be visually analyzed, for a total of 143 sherds. Types included San Francisco Red, Mogollon Red-

on-brown, Mogollon Red-on-black, Three Circle red-on-white, and Mimbres Black-on-white Styles I-III. Temper grains were counted in the entire exposed area of the cross-section created by clean breaks at corners.

Visually identified mineral compositions of the sands included quartz, feldspar, olivine, hornblende, magnetite, biotite, and sard, as well as colored volcanic rock and basalt fragments. Quartz and feldspar made up the largest parts, combined, approximately 80 percent. Mineral compositions of the sherds was largely of similar minerals as the sands, in different proportions, with the addition of garnet, muscovite, and pyrite.

All sands were analyzed by XRPD as was a 15 percent sample of 143 sherds. Both the sands and sherds were largely dominated by feldspars. Quartz was more consistently found in sherds than among the drainage sands. The XRPD-analyzed sets share the occurrences of diopside, enstatite, calcite, and an iron-based mineral.

From the visual analysis of the sand samples, a petrofacies model of the area was constructed. Nine petrofacies zones were found to be distinguishable within the study area.

To determine which sherds might have been tempered with material from drainages in the valley and which drainages, I compared visual data to the petrofacies and made comparison of sand versus sherd XRD results in primary components analysis. Two sand clusters overlapped with the largest cluster of sherds (N=18), and another cluster of four drainages overlapped with a cluster of five sherds. This XRD-cluster method found 22 sherds were matched between those eight drainages. Visual comparison matched at least one sherd to every petrofacies zone. Two of the zones related to the greatest numbers of sherds, with 18 and 17 sherds, respectively.

In conclusion, it was found that about half the painted sherds at LRV, as represented by the sampling, seem to have been produced in the Sapillo Valley. This production is concentrated in the upper valley, around the largest sites, possibly beginning with Terry Canyon Village in the Late Pithouse period and transitioning to Ponderosa Ranch Ruin and the site on Hill Creek by the late Classic period. The other half of the tested sherds were likely made outside the valley,

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suggesting strong trade ties beyond the valley, possibly with the Mimbres Valley. Local production at LRV was lower than expected, with only about 10 percent of sherds tied to drainages within 2 km of LRV. This may be due to an in-balance in trade goods and what was kept on site, mobility of resident population bringing in pottery from elsewhere, or simply that LRV did not produce much painted pottery.

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AAHS SUBVENTION AWARDS

AAHS annually awards a total of \$5,000 toward publication of works of particular interest to our community. We are pleased to announce this year's awardees.

Samantha Fladd (\$2,000): *Capturing Water: Puebloan Resilience and Agricultural Sustainability in Chaco Canyon*, is a book that recounts Gwinn Vivian's work on agricultural practices and water management in Chaco Canyon. Funding will help cover costs for figure reuse and color printing, as well as help reduce the cost of the volume for readers. The volume will be published by the University of Utah Press.

Shelby Tisdale (\$1,500): *No Place for a Lady: The Life Story of Archaeologist Marjorie F. Lambert* will tell the story of a New Mexico anthropologist who has not been well recognized for her collaborative work or work with museums, although her story has been included in compilations about women anthropologists in the twentieth century. This volume will be published by the University of Arizona Press.

Susan Ryan (editor) (\$1,000): *Research, Education, and American Indian Partnerships at the Crow Canyon Archaeological Center* is a volume that will, according to Ryan "...celebrate the Crow Canyon Archaeological Center's contributions in the past, present, and future by providing a backdrop to the non-profit's humble beginnings in the 1980s and highlight key mission accomplishments in American Indian initiatives, public education, and archaeological research since that time." The requested funds will help offset the costs of distributing a free electronic version of the book to communities. This volume will be published by the University Press of Colorado.

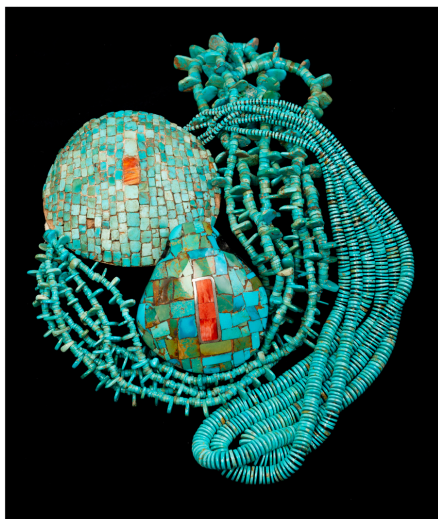
Robert Stokes, Katherine Dungan, and Jakob Sedig (\$500): to assist with the costs of publishing 50 color images in *Mogollon Communal Spaces and Places in the Greater American Southwest*. This volume will be published by the University of Utah Press.

Cornerstone

*Darlene Lizarraga, Director of Marketing
Arizona State Museum*

ANCIENT TO MODERN

Continuity and Innovation in Southwest Native Jewelry



OPENING CELEBRATION
Saturday, February 4, 2023
10:00 a.m. - 1:00 p.m.

Be among the first to see this new exhibit.
Enjoy artist demonstrations and activities.
Free admission all day.

The exhibit runs Feb 4 - Oct 28, 2023. Check website for more programs:
www.statemuseum.arizona.edu/events



THE UNIVERSITY OF ARIZONA

**ARIZONA
STATE MUSEUM**

AAHS Membership Application

Membership is open to anyone interested in the prehistory and history of Arizona and the Southwest and who support the aims of the Society. Membership runs for a full year from the date of receipt, and covers all individuals living in the same household. If you are joining as a household, please list all members of the household. Monthly meetings are free and open to the public. Society field trips require membership.

Membership Categories

- ☐ \$60 **Kiva members** receive four issues of the Society's quarterly journal *Kiva* and 12 issues of *Glyphs*
- ☐ \$45 **Glyphs members** receive *Glyphs*
- ☐ \$35 **Student Kiva members** receive both *Kiva* and *Glyphs*
- ☐ \$100 **Contributing members** receive *Kiva*, *Glyphs*, and all current benefits
- ☐ \$150 **Supporting members** receive *Kiva*, *Glyphs*, and all current benefits
- ☐ \$300 **Sponsoring members** receive *Kiva*, *Glyphs*, and all current benefits
- ☐ \$1,500 **Lifetime members** receive *Kiva*, *Glyphs*, and all current benefits

Note: For memberships outside the U.S., please add \$20. AAHS does not release membership information to other organizations.

I wish to receive *Glyphs* by (circle your choice): Email Mail Both

I am interested in volunteering in AAHS activities: Yes Not at this time

Institutional Subscriptions

University libraries, public libraries, museums, and other institutions that wish to subscribe to *Kiva* must do so through the publisher, Taylor & Francis at tandfonline.com. For institutional subscriptions to *Glyphs* (\$100), contact AAHS VP for Membership at the address below.

You can join online at www.az-arch-and-hist.org, or by mailing the form below to:

Deil Lundin, VP Membership
Arizona Archaeological and Historical Society
Arizona State Museum, The University of Arizona
Tucson, AZ 85721-0026

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RETURN SERVICE REQUESTED

The objectives of the Arizona Archaeological and Historical Society are to encourage scholarly pursuits in areas of history and anthropology of the southwestern United States and northern Mexico; to encourage the preservation of archaeological and historical sites; to encourage the scientific and legal gathering of cultural information and materials; to publish the results of archaeological, historical, and ethnographic investigations; to aid in the functions and programs of the Arizona State Museum, University of Arizona; and to provide educational opportunities through lectures, field trips, and other activities. See inside back cover for information about the Society's programs and membership and subscription requirements.

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