

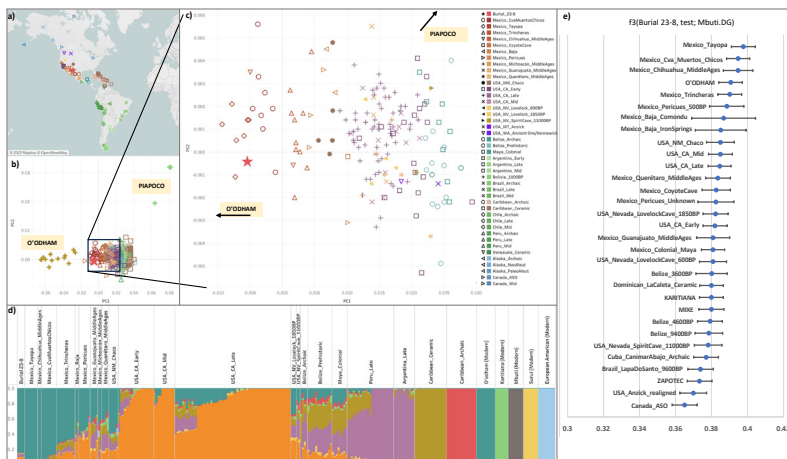
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The Monthly Newsletter of the
Arizona Archaeological and Historical Society

Vol. 75, No. 11

May 2025

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Next General Meeting:

Zoom Only

May 19, 2025

7:00 pm (MST)

AAHS@Home (Zoom webinar)

aahs1916.org

President's Message

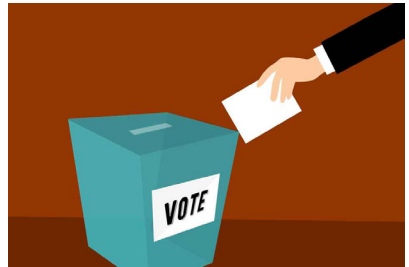
by Rich Lange, President

This month, I want to bring everyone up to speed with respect to several things your AAHS administration has been working on. These things will be arriving in your online inbox soon (in fact, one already has!). If you do not receive things that way, let us know, and we will get these to you more directly. You can contact me at rich.lange@aahs1916.org or at our snail-mail address: AAHS, P.O. Box 210026, University of Arizona, Tucson, Arizona 85721-0026.

First—and the one you should have already received—is a ballot via email and a link to the ballot for voting on the officers and board members for AAHS for the 2025–2026 year. Please respond to the ballot in a timely way. The new officers and board members need to be confirmed by the vote of the membership to formally begin their terms of office on July 1, 2025.

Second, a committee co-chaired by Jenny Adams and Shelby Tisdale has prepared a revised and updated version of the AAHS Bylaws. The revisions have been discussed and reviewed by the AAHS Board and reviewed by a private attorney's office. The revised bylaws will soon be sent out for approval by the membership. Please review the amended bylaws and let us know if something is amiss. If you approve the adoption of the amended bylaws, please indicate that approval by voting for the bylaws in the manner indicated in the communication.

Third is an detailed member survey assembled by Emily Jonsson, your Membership Officer. The survey is important for informing your AAHS administration about what AAHS means to you, what AAHS



membership provides to you, what types of programs and activities are of interest to you, what things AAHS does well, and the kinds of things AAHS might do or could be able to do better?

Some officers are shuffling positions, and many board members are returning for the coming year. We will have some new members, but that nucleus will take us into a new year and keep AAHS the strong organization it is. Like so many other similar organizations, life is throwing us some curve balls, but we have been around a long time and faced challenges before. Perhaps we will even find new things to do! Thanks for your support!



AAHS Lecture Series

NOTE: Lectures are all now via Zoom only.

- May 19, 2025: Jakob Sedig, *Ancient DNA Work Done in Western and Northern Mexico*
- June 16, 2025: Marion Forest, *Recent Research on the Decline of Mesoamerican Teotihuacan: Reconfiguring a City from the Margins*
- July 21, 2025: Angela Huster, *Aztec Conquest of the Toluca Valley*
- Aug. 2025: No lecture: Pecos Conference
- Sept. 15, 2025: Gary Huckleberry, *Decline of Hohokam Culture Based on Soil Degradation*
- Oct. 20, 2025: Andrea Torvinen, *Research at the Site of La Quemada in Zacatecas, Mexico*

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.

May 19: Topic of the General Meeting

Key Findings from Ancient DNA Research in North and West Mexico

Jakob W. Sedig

Ancient DNA has transformed current understanding of the archaeological record and how people in the past interacted with one another. In this talk, I will discuss some of the most recent results from ancient DNA research in north and west Mexico. In particular, I will present findings on the arrival of Uto-Aztec associated ancestry in California prior to the spread of maize agriculture, evidence for a child with closely related parents ceremonially buried at Paquimé, and current research about how ancient population across western and northern Mexico interacted with each other over time.

Speaker Jakob W. Sedig is a Senior Archaeologist with Chronicle Heritage. After completing his Ph.D. at the University of Colorado – which focused on the Mimbres



Transitional phase (900–1000 CE) – he was awarded a Postdoctoral Research Fellowship at the Reich Laboratory of Medical and Population Genetics, Harvard University. During his time in the Reich Laboratory, Jakob worked to more fully integrate ancient DNA with archaeological studies. This involved using ancient DNA data to examine long-standing archaeological questions, especially questions related to ancient populations in north and west Mexico. Jakob's work has also focused on the ethical issues of paleogenomic research, particularly involving sampling methods and engagement with Indigenous communities. Jakob is currently co-editor of the journal Kiva.

***This free lecture is offered via Zoom only. However, you must pre-register.
Visit <https://aahs1916.org>.***

UPCOMING AAHS FIELD TRIPS

Field trips are only available to current AAHS members and are limited to 20 people unless otherwise noted. For more information or to sign up, email aahs1916@gmail.com.

White Mountain Apache Culture and History Double Header May 10, 2025; 9:00 am–5:00 pm

It's an National Historic Landmark (NHL) twofer! There's only one place in Arizona where you can pull off a one-day visit to two NHLs under the stewardship of a federally recognized Tribe.

We will start at the Fort Apache and Theodore Roosevelt School NHL and the rare chance to participate in the 24th Annual Fort Apache Heritage Celebration, a morning of Ndee (Western Apache) song and dance. The event is free and starts around 9:00 am.



After refueling on frybread, we will convene at 1:00 pm at the Tribe's Nohwike' Bagowah Cultural Center and Museum to carpool (4 miles) with John Welch to Kinishba Pueblo NHL. Legendary archaeo-humanist Byron Cummings rebuilt and excavated parts of this Ancestral Hopi and Zuni village in the 1930s and 1940s. The village was built in the 1200s and 1300s. The Kinishba tour should be complete by about 3:30 pm, giving those who wish to drive to Tucson or Phoenix time to do so before dark.

This is an all-day excursion featuring two events. Motels are scarce in the immediate vicinity, with the closest in Pinetop 30 miles north. Food and gas are both available in White River.

There is a \$5 fee for admission to the Tribe's Nohwike' Bagowah Cultural Center and Museum. Admission to the cultural center also includes access to Kinishba.

Trip attendance is limited to 20 people, including the trip leaders; a waitlist has been created. There is no cost to attend but donations are accepted and greatly appreciated. We will not provide food or transportation to help keep these trips free for members.

If you have any comments or need additional clarification, please email the AAHS FieldTrip Committee Trips Committee.

Current Research

Assessing the Nature of the Spatial and Temporal Overlap of Humans and Horses in North America: A Radiocarbon, Stable Isotope, and Actualistic Analysis of the Evidence

Larkin Chapman

Ph.D. Candidate, University of New Mexico

The author's recent work has shown that radiocarbon dates on horse remains from North America indicate Paleoindian groups and Pleistocene horses overlapped significantly on the landscape at the end of the last ice age. The recent discoveries of horse kill sites at Wally's Beach, Alberta (Kooyman et al. 2006; Waters et al. 2015) and Bluefish Caves, Yukon (Bourgeon and Burke 2021), as well as the widespread presence of horse remains at Paleoindian archaeological sites support this. However, few direct radiocarbon dates on horses from the American Southwest are published, creating a significant gap in knowledge about this topic in an area that has been highly significant for archaeologists' understanding of Paleoindian peoples. As part of her dissertation, the author is conducting a widespread radiocarbon effort to date terminal Pleistocene horse remains in the American Southwest, specifically in Arizona and New Mexico. This aims to more fully understand the overlap (or lack thereof) of humans and horses in this region before the taxon's extirpation from North America.

The author aggregated and analyzed published radiocarbon dates on horse specimens from the terminal Pleistocene in North America. A statistical analysis of these data revealed that numerous radiocarbon dates on horses show significant temporal overlap with humans on the continent. For her dissertation, the author has begun working with local museums and has, as of fall 2024, conducted radiocarbon dating, stable isotope analysis, and amino acid analysis

This research was supported by a 2024 AAHS Research Grant.

on two horse specimens from New Mexican cave sites. These remains yielded the following terminal Pleistocene dates: $12,930 \pm 30$ (15,603–15,306 cal. BP) and $11,740 \pm 30$ (13,660–13,496 cal. BP) [UCIAMS 298793 and UCIAMS 298794, respectively].



Based on the stable isotope evidence, the younger dating individual had notably higher stable nitrogen and stable carbon values than the older dating individual. Amino acid analysis on these two specimens and several others of varying degrees of preservation quality showed a clear correlation between the amount of hydroxyproline and the fossil's ability to yield sufficient collagen to date. These preliminary analyses and data show there is work to be done on filling out the radiocarbon record of Pleistocene horses in North America and the wealth of molecular information that can be achieved in this pursuit.

The dates on the horses from Dry Cave and White Mesa Mine predate the Clovis technocomplex ($11,110 \pm 40$ to $10,820 \pm 10$ yr BP) and the horse date from Wally's Beach, Alberta ($11,410 \pm 30$ BP). However, they are well in line with other pre-Clovis dates, such as the Gault Site, Texas (at circa 16,000 years ago) (Williams et al. 2018) and the Page-Ladson site, Florida (at circa 14,550 years ago) (Halligan et al. 2016). As evidence for Paleoindian peoples in New Mexico dates back to approximately 21,000 years ago in the White Sands Missile Range, it is plausible to hypothesize a significant temporal overlap between horses and humans in the Southwest.

References Cited

Bourgeon, Lauriane, and Ariane Burke. 2021. Horse Exploitation by Beringian Hunters during the Last Glacial Maximum. *Quaternary Science Reviews* 269:107–140. Electronic document, <https://doi.org/10.1016/j.quascirev.2021.107140>.

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Halligan, Jessi J., Michael R. Waters, Angelina Perrotti, Ivy J. Owens, Joshua M. Feinberg, Mark D. Bourne, Brendan Fenerty, Barbara Winsborough, David Carlson, Daniel C. Fisher, Thomas W. Stafford Jr., and James S. Dunbar. 2016. Pre-Clovis Occupation 14,550 Years Ago at the Page-Ladson Site, Florida, and the Peopling of the Americas. *Science Advances* 2(5):e1600375. Electronic document, <https://doi.org/10.1126/sciadv.1600375>.

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2025 RESEARCH AND TRAVEL GRANT AWARDS

From a very large and competitive field, we were very pleased to be able to grant more than \$13,000 this year in Research and Travel Grants to 14 individuals from nine different institutions. Your donations throughout the year are critical in funding these grants.

These grants are important, particularly for graduate students who want to attend conferences where their research can be exposed and where they can interact with professionals in the field. As government and academic funding becomes less available, our grant program will become more critical.

To see a complete list of this year's grantees, visit our website, AAHS1916.edu, and navigate 2025 Research and Travel Grant Awardees. AAHS accepts applications for grants each year between January 1 and February 15. Application details are listed on our website.

NEW ORAL HISTORY VIDEO ON THE AAHS YOUTUBE CHANNEL

Who do you know who is:

An archaeologist with a Master's degree from the University of Arizona?

Was an assistant at the Grasshopper Field School?

Developed an interest and expertise in analyzing shell artifacts?

Led mule tours to the Great Murals of Baja California?

Is now retired?

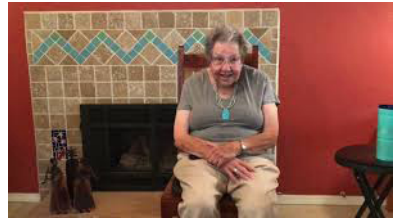
The Arizona Archaeological and Historical Society (AAHS) Roots of Southwestern Archaeology Oral History Project has recently uploaded a video of a June 2024 interview with Sharon Urban, commonly known as "Shurban". You can now watch the video on the AAHS YouTube channel at, youtube.com/@archandhist. Shurban has had a varied career in archaeology, including all of the above



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and much more. Thanks to Jim McDonald who edited the raw video and added photographs graciously provided by a variety of sources. The finished product provides visual insight to the past while hearing from Shurban in the present. Watch the video to learn more!



In addition to the new video, AAHS has added video interviews of the following people over the past two years: David Doyel, Charmione McKusick, John Speth, and Helga Teiwes. Topics include everything from excavating a Chacoan Outlier, directing museums, managing cultural resources, teaching at a community college, studying macaws, excavating a bison kill site, learning from ethnographic and ethnohistoric literature, collaborating with descendant communities, photographing excavations at Snaketown, photographing indigenous artists and their work, and much, much more.

The Oral History Project is one way AAHS is fostering growth in our field and sharing knowledge from the past to inform the future. In recording the roots of southwestern archaeology, we are sharing how studying cultures of the past and present can develop in many different ways, change over time, and offer a variety of opportunities to those currently in the midst of their careers. The interviewees share how their expertise and their careers developed, sometimes in ways they could never have imagined. They share their successes and challenges, as well as how and why certain decisions were made that expanded their work in often unplanned ways. They also typically share their thoughts for the future.

Join us to step back in time to learn from those who have studied and worked before us and to take their work and thoughts into the future where the study of the diverse cultures of the Southwest will continue to grow.

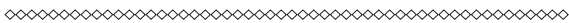
The Oral History Project was begun as “Roots of Southwestern Archaeology” by Don Burgess when he was AAHS President. It originally received support from the Southwestern Foundation for Education and Historical Preservation and continues under the leadership of Fran Maiuri and Pat Gilman.

SUCCESSFUL USED BOOK SALE

Our March book sale was a great success, bringing in more than \$6,000, 90 percent of which will support the Arizona State Museum Library. These sales could not have happened without a dedicated group of volunteers, many of whom have shown up for years and years. A special thanks to: Ben Bellorado, Jim Bender, Elizabeth Burt, John Cerino, Katherine Cerino, Andy Christenson, Madelyn Cook, Bill Gillespie, Pat Gilman, Bill Graham, Mary Graham, Rebecca Harkness, Jude Huether, Michael Huether, Rich Lange, Dakota Larrick, Paul Minnis, Noah Place, Stan Ponczek, Molly Stohert-Mauer, Lynn Ratener, Chris Sugnet, Paul Sugnet, Sharon Urban, Dave Wallace, and Donna Yoder.



A tired but happy book sale clean-up crew (photograph by volunteer extraordinaire Andrew Christenson).



Old Pueblo Archaeology Educational Programs

Old Pueblo Archaeology Center offers speakers to give presentations on various topics for educators and other adults, as well as for children, upon demand. Examples of topics include: Teaching the Fundamentals of Archaeology, The Study of Chipped Stone Tools, The Study of Prehistoric Ceramics, The Peoples of Ancient Arizona.

To schedule a speaker on these or other Southwestern archaeology, history, and culture topics your organization might like to hear about, contact Old Pueblo Archaeology Center at 520.798.1201.

CALL FOR NOMINATIONS

The Arizona Archaeological and Historical Society welcomes nominations for the annual awards described below. Nomination letters, and Curriculum Vitae (if appropriate), should be emailed to Edward Jolie (ejolie@arizona.edu) no later than May 1, 2025. Awardees will be selected by the Awards Committee and approved by the AAHS Board of Directors. Awards will be presented at the Pecos Conference in August.

Byron Cummings Award

The Byron Cummings Award is given in honor of Byron Cummings, the principal professional founder of the Society, the first head of the University of Arizona's Department of Archaeology (later Anthropology), and the first Director of the Arizona State Museum. The Byron Cummings Award is given annually for outstanding research and contributions to knowledge in anthropology, history, or a related field of study or research pertaining to the southwestern United States or northwest Mexico.

Alexander J. Lindsay, Jr. Unsung Heroes Award

The Alexander J. Lindsay, Jr. Unsung Heroes Award is given in honor of Dr. Lindsay, a long-time southwestern archaeologist, AAHS member, and Officer. This award is given annually as a lifetime service award to those individuals whose tireless work behind-the-scenes has often gone unrecognized, but which is often critical to the success of others' research, projects, and publications. These may be field personnel, laboratory managers, archivists, cooks, analysts, and others.

Victor R. Stoner Award

The Victor R. Stoner Award is given in honor of Reverend Stoner, a strong avocational historian, supporter of the Society, and one of the founders of *Kiva*. The Victor R. Stoner Award is given annually for outstanding contributions in leadership or participation in the Society; fostering historic preservation; or bringing anthropology, history, or a related discipline to the public.

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. 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 our newsletter, *Glyphs*
- ☐ \$45 **Glyphs members** receive *Glyphs*
- ☐ \$20 **Student Kiva members** receive both *Kiva* and *Glyphs*
- ☐ \$100 **Contributing members** receive both *Kiva* and *Glyphs*
- ☐ \$150 **Supporting members** receive both *Kiva* and *Glyphs*
- ☐ \$300 **Sponsoring members** receive both *Kiva* and *Glyphs*
- ☐ \$1,500 **Lifetime members** receive both *Kiva* and *Glyphs*

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

Emily Jonsson, Vice-President for Membership
Arizona Archaeological and Historical Society
Arizona State Museum, University of Arizona
Tucson, AZ 85721-0026

I wish to receive *Glyphs* (circle your choice): Digital Only Print and Digital

I wish to receive *Kiva* (circle your choice): Digital Only Print and Digital

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

Name: _____ Phone : _____

Address: _____

City: _____ State: _____ Zip: _____

E-mail: _____

The objectives of the Arizona Archaeological and Historical Society (AAHS) are to: encourage scholarly pursuits into the history and anthropology of the southwest United States and northwest Mexico; encourage the preservation of archaeological sites and historical properties; encourage the scientific and legal gathering of cultural information and materials; publish the results of these investigations; aid in the functions of the Arizona State Museum; and provide educational opportunities through lectures, field trips, and other activities.

AAHS considers the following to be contrary to the Society's objectives and enjoins its members, as a condition of membership, to abstain from the following: the practice of collecting and dealing in archaeological materials for personal gain; the excavation of archaeological sites or historic properties without permit or permission; and the unlawful or unethical acquisition of archaeological or ethnographic materials.

For your records, any portion of your payment over the basic \$60.00 membership may be tax deductible.

Officers

President: Rich Lange | rich.lange@aahs1916.org
Vice President for Activities: Ralph Burrillo | AAHSFieldTrips@gmail.com
Sebastian Chamorro | AAHSFieldTrips@gmail.com
Vice President for Membership: Emily Jonsson | AAHSMemberVP@gmail.com
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Communications Officer: Blaine Burgess | bburgess@chronicleheritage.com
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Samuel Fayuant	Barbara Montgomery	Stan Ponczek	Noah Place (student representative)
Jeff Jones	Daniel Montoya		Ben Bellorado (ASM representative)

Editors of Society Publications

Kiva: Jakob Sedig | jakob.sedig@gmail.com Jeff Ferguson | FergusonJe@missouri.edu
Glyphs: Emilee Mead | emilee@desert.com | 520.881.2244

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A A H S

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Arizona State Museum
University of Arizona
Tucson, Arizona 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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