

THE PETROGLYPH

Newsletter of the Arizona Archaeological Society

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MARCH IS ARCHAEOLOGY AND HERITAGE AWARENESS MONTH

Seven of our ten chapters contributed to the Chapter News section this month, although the Verde Valley Chapter is not having a chapter meeting in lieu of contributing to the Beaver Creek Heritage Days celebration (page 6), Hopefully we will hear signs of life from the chapters in Flagstaff, Heber and Prescott sometime soon. Note that the S'edav Va'aki Museum in Phoenix is celebrating its 22nd Annual Ancient Technology Day (page 7).

With spring weather bringing golf and baseball (as well as showers), there are more outdoor activities available. I only listed 6 of them that occur between March 9th and the 27th (page 9) due to space limitations. There are also 6 online-only talks, 8 in-person talks and 2 in-person and online events (page 10 and 11) as well as a new archaeological podcast (page 11).

The AAS course *The Mogollon Culture of the US Southwest* is being offered online by Allen Dart through the Old Pueblo Archaeology Center from May 8th through August 7th (page 8). To request a reservation for this course, email info@oldpueblo.org or call 520-798-1201.

-Ellie Large, Chair

2023 GOVERNOR'S HERITAGE PRESERVATION HONOR AWARDS

During the 20th Annual Arizona Historic Preservation Conference held in Tucson on Nov. 14, 2023, 10 honorees were selected for the Annual Governor's Heritage Preservation Honor Award. Scott Newth, Sedona, shown in photo at right, received one of two that were awarded to individuals.

Since 1982, the Arizona Preservation Foundation and State Historic Preservation Office have partnered to present the Governor's Heritage Honor Preservation Awards. The awards recognize people, organizations, and projects that represent outstanding achievements in preserving Arizona's prehistoric and historic resources.



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Next deadline is 5 pm,
Friday, March 29

ArchaeoEd Podcast with Ed Barnhart March 1, 2024: Ancient American Weapons

There were multiple militaristic civilizations in the ancient Americas. In this episode, Ed talks about their rise to power and weapons of choice.

Moche pottery showing warriors, captives, birds and plants. Note the pointy helmet and backflap plates. =>

www.ancientexploration.com
mayaexploration.org



CHAPTER NEWS



Desert Foothills Chapter

Chapter Meetings: Meetings are held in the Community Room of the Good Shepherd of the Hills, 6502 E. Cave Creek Rd., Cave Creek (near the Dairy Queen). Most meetings are on the 2nd Wednesday of the month, Sept. thru May. Socialization/snacks are available by 7 pm; meetings begin promptly at 7:30 pm with a brief introduction. Ending time depends on the speaker: most speakers present for about 45 minutes while other speakers may present for an hour.

Feb. 15th Meeting: Todd Bostwick, PhD, presented *The Great Murals of Baja California: A Glimpse into the Spirit World of Ancient Hunter-Gathers*. Scattered among the deep canyons in the rugged mountains of Baja California are some of the most spectacular rock art sites in the Americas. These sites contain both petroglyphs and pictographs, but the latter are especially impressive for their vivid polychrome colors depicting large anthropomorphs and bighorn sheep, deer, rabbits, birds, sea turtles, whales, fish, manta rays and occasional mountain lions, coyotes, and snakes. Created by hunter-gatherer groups, these pictographs date as far back as 7,500 years ago and are referred to as the Great Murals of Baja. Located mostly in wilderness areas where there are no roads, many of the sites can only be reached by mule and burro caravans that carry food and camping equipment. Dr. Bostwick shared his recent experiences visiting these UNESCO designated sites during two mule trips into the canyons and discussed current ideas about what these incredible pictograph panels may represent. Todd always has excellent presentations but this one was extraordinary, with Todd presenting on the four major locations for these murals as well as another trip to coastal areas investigating coastal subjects found in the mountainous area murals.

March 13th Meeting: John Nathan Mack, PhD, will present *Hiking into the Past: The Sierra Ancha Cliff Dwellings*, an Arizona Humanities presentation. This discussion examines the remarkable living structures built by the people who first lived in the canyons of the Sierra Ancha wilderness during the early Middle Ages. The architecture of the dwellings reflects the culture and history of these people and helps us understand their contributions to life in the Arizona desert. The presentation includes numerous photos from Dr. Mack's expeditions. He is a graduate of the University of Kansas with a master's degree in Russian history and a PhD in American history.

--Roger Kearney



Homolovi Chapter

We moved our chapter meetings up to 4 pm to help with the night driving so many of us do. We meet in the Old Ballroom at La Posada. Right now, in the museum part of the hotel (the old Amtrak ticket area), La Posada has the largest Navajo rug on display; other smaller rugs are also on display.

On March 13th, Abraham Arnett will speak about *Big Picture Archaeology: Putting Northern Arizona's Homolovi Settlement Cluster in Context with the Rest of the Pre and Post Colonial Southwest*. (See the LCRC news below for more info on Mr. Arnett.) Our Feb. 14th talk was on the petroglyphs outside of Laughing in Grapevine Canyon.

The Homolovi State Park has self-guided tours, or if you give us sufficient notice ahead of time, the chapter can give a guided tour of the state park.

--Paula Beall



Little Colorado River Chapter

We had a Feb. 19th presentation by Abraham Arnett, M.A., RPA, AZ Game and Fish Cultural Resource Compliance Manager and Archaeologist. He has been working as a professional archaeologist for almost 30 years. For his masters thesis, he focused on understanding the long-term changes in Ancestral Pueblo settlement and land use in the Hay Hollow Valley of eastern Central Arizona. His ongoing research includes understanding Chaco Canyon as the ancient seat of political, religious, and economic power on the Colorado Plateau, and the influence Chaco had on the southwest Cibola region and the Mogollon region between A.D. 1000 and 1450. His presentation was very informative re long-term changes in Ancestral Pueblo settlements and land use in the Hay Hollow Valley and the influence of Chaco Canyon and the SW Cibola Region of Eastern Central AZ. His slides on changing population densities from 850 CE to 1450 CE helped to emphasize the importance of the Little Colorado region during these migrations. Many thanks to the Arizona Game and Fish Department and Abraham Arnett for his presentation.

Upcoming Meetings:

March 25: Carol Sletten, author of *Story of the American West - Legends of Arizona, Centennial Edition*. She will talk about her insights and experiences during her Artist-in-Residence service at Petrified Forest National Park

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April 15: John Mack, AZ Humanities, *Hiking the Past: the Sierra Ancha Cliff Dwellings* (Tonto National Forest)

April 25: *Earth Day Booth* at Lyman Lake State Park

-Bill Butler



Phoenix Chapter

Feb. 13th Chapter Meeting: Travis Cureton, Logan Simpson Tempe, presented *What's New on 8th Street? An Update on archaeological Investigations for the City of Tempe 8th Street Multiuse Pathway Project*. He summarized the project's 25-year history, the key findings of the archaeological and ethnographic investigations undertaken for the project, and how those findings are being incorporated into the final multi-use pathway design. It was a very interesting and well-organized talk which was appreciated by all those present.

March 12th Chapter Meeting: Paleoanthropologist Geoffrey. A. Clark, PhD, will present *The Earliest Archaeology – Cognitive Implications*. Perhaps the greatest story ever told is how we became the last and sole surviving member of our lineage, the hominins – modern humans, extinct human species, and all our immediate ancestors. The human career is a long one, extending back at least 6 million years, and marked by a number of major transitions including the shift to life on the ground, habitual bipedality, increases in brain size and social complexity, the first technologies, and the emergence of language. Untangling the complicated relationships amongst these transitions is the principal task of paleoanthropology and, over the past 25 years, there have been many new and exciting discoveries. Dr. Clark will discuss the human paleontology and archaeology of our lineage in 'deep time', both before and after the earliest archaeology. How we became the highly intelligent, technologically sophisticated, socially complex animals we are today will probably never be known with certainty but with every new discovery the picture changes a little, or a lot, and hopefully becomes a little clearer.

Dr. Clark is Regents' Professor Emeritus in the School of Human Evolution & Social Change at ASU. He is the author, co-author, or editor of more than 300 articles, notes, reviews and comments, and 12 monographs and books on human biological and cultural evolution in 'deep time' - the past 4 million years. A University of Chicago PhD, his interests include inferential logic in modern human origins research, evolutionary theory in archaeology, and European Mesolithic forager adaptations. A materialist to the core, he seeks to promote western science as a conceptual framework for describing and explaining the experiential world, and contest the claims of the anti- and pseudo-science constituencies arrayed against it.

Upcoming Talks:

April 9: Chris Loendorf, *Gila River Indian Community Rock Art* (rescheduled from Jan. 9th)

May 14: Adrienne Rankin, *Prehistoric and Historical Period Agricultural Strategies in the Western Papagueria: Archaeological and O'odham*.

--Ellie Large

Rim Country Chapter

Upcoming Events:



March 16th Chapter Meeting: R. E. Burrillo will present *Below and Beyond Perry Mesa: The Archaeology of the Greater West Verde Area, Central Arizona*. He will discuss a survey of 3,200 acres of a largely unstudied area extending north from Cave Creek between Perry Mesa and the Verde River basin on behalf of the Tonto National Forest. The results included re-recording and new discoveries of entire pueblo communities that challenge the existing models of settlement, agriculture, and regional exchange within the greater Verde River region. Initial Formative period settlement is associated with the Central Arizona Tradition and shows strong similarities to settlement in the Cave Creek area. Settlement increased gradually until around A.D. 1275 when there was a sharp increase in population, corresponding both culturally and temporally to the Perry Mesa Tradition. During both periods, the region maintained multidirectional cultural ties, with both Hohokam buff wares and northern white wares on Central Arizona Tradition sites, and both Hopi Yellow wares and Salado polychromes on Perry Mesa Tradition sites.

Ralph (R.E.) Burrillo is an archaeologist, researcher, author, and conservation advocate. He holds a Master of Science in Archaeology from the University of Utah and is a Research Associate with Archaeology Southwest. His writing has appeared in many publications. He is the author of *Behind the Bears Ears: Exploring the Cultural and Natural Histories of a Sacred Landscape*, which was chosen by ForeWord Book Reviews as their critic's choice in nonfiction for the year 2020.

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The Rim Country Chapter meets at the Payson Public Library, 328 N McLane Road, Payson. Meetings begin at 10 am, and the doors open shortly after 9 am.

April 20th Chapter Meeting: Evelyn Billo & Robert Mark will speak on the *Canyon del Muerto Rock Art at Canyon de Chelly on the Navajo Reservation near Chinle in NE AZ*.

May: There will be no Chapter Meeting in May. There will be a Payson local outing instead.

Field Trips*: We are planning a number of interesting field trips for March, April, and May. Stay tuned for pending announcements. *Membership in AAS is required for participation on Field Trips and the Goat Camp Excavation.

Goat Camp Excavation*: Work will resume this spring on selected dates projected to be March 9, 23, April 6, 27, May 11, 25, and Lab June 1, 8. Contact Scott Wood at email jscottwood@aol.com.

Feb. 17th Tour of Goat Camp:: After the Saturday Chapter Meeting, Archaeologist Scott Wood led a pre-excavation-season tour of the Goat Camp excavation (see below). Besides our speaker, there were 14 participants for a two-hour narrated tour.



Scott explains Room 15



Scott points to a pre-excavation test pit



Scott and Goat Camp Tour participants at Room 8 Multiroom Complex

Recent Events:

Feb. 17th: Thatcher A. Seltzer-Rogers, PhD presented on *The Joyce Well Site*. This site is in the remote boot heel of New Mexico, named for a nearby historic ranch well. The Joyce Well Site, among others, represents a little known culture in the International Four Corners area, where the U. S. states of Arizona and New Mexico and the Mexican States of Sonora and Chihuahua almost all come together at a common corner. The most well-known prehistoric sites in the region are Casas Grandes in Chihuahua and the Trincheras sites in Sonora. The terrain on the U. S. side is Basin and Range, like much of Central Arizona, with multiple mountain ranges running north and south and relatively flat basins or plains in between. Different ecological zones

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ascend the sides of the mountains making for a wide diversity of resources available to people who lived in the area. These north-south mountain ranges are obstacles to east-west cultural exchanges thereby creating an area very diverse culturally.

Sites in the “heel” of the State of New Mexico include the Pendleton Ruin, Timberlake Site, and the Joyce Well Site. The Pendleton Ruin was excavated in 1933. There were excavations at the Joyce Well Site in 1963 and again in 1999-2003. Most of the artifacts and notes were stored away and not analyzed. Thatcher as a PhD student was able to temporarily borrow a truckload of these boxes and organize and analyze the material upon which he based his dissertation. There is much more unanalyzed stored artifacts, notes, and data in various repositories. He suggests that looking into them is part of the future of archaeology. The Pendleton Ruin is believed to have dated about 1300 AD. A variety of ceramics were found, including Casas Grandes Macaw pottery. It was an enclosed room block adobe village.

The Joyce Well Site was an open U-shaped adobe single-story room block of about 200 rooms. One characteristic of the site is collared platform hearths and also postholes were regularly collared. There was a large obsidian source nearby. Tabular agave knives and roasting pits were present. Roasted agave cores can be used for food or for making a fermented drink. A several-foot deep stack of green corn that had been burned was found. Pieces of figurines, including Salado style, were found along with bird effigy pots. Both Salado and Casas Grandes style pottery was present, and Cloverdale Corrugated pottery and red-slipped plain. There was also a cord-wrapped pottery. The pottery appeared to be all locally produced, nothing to do with Casas Grandes. There were some six ballcourts between the Joyce Well Site and Timberlake Site. These were not the same as Hohokam ballcourts. The ballcourts here consisted of a shallow oblong depression with a row of stones paralleling each side. Radiocarbon dating puts the Joyce Well Site beginning at least by 1340 AD and terminated by 1360. No ceramics predating 1320 were found. So the site was only occupied about 40 years. Who were these people? Speculation is that they were defeated elites who left Casas Grandes area and moved north.

--Dennis DuBose



San Tan Chapter

We had a very interesting and timely talk by Kyle Woodson, Ph.D., Director of the Gila River Indian Community’s Cultural Resource Management Program in Sacaton, on ***This Native American Tribe Is Taking Back Its Water***. He explained how the canal irrigation system went from being the lifeblood of the ancient Hohokam community to the water being diverted by the dams which left them high and literally dry. A long-term study of irrigation along the middle Gila River has provided much new information on Hohokam canals, including a revised map of the canal systems. Building on early canal maps such as those by Frank Midvale and Emil Haury, this map incorporates the findings of projects from the last 40 years. There is now solid documentation for 13 canal systems, and inferential support for two other systems. He gave us lots of great information about how the Gila River Indian Community has come back from those days to having canal systems where the water is reused for different purposes by different entities.

March 13th Chapter Meeting: The speaker will be Shelby J. Tisdale, PhD, Research Associate, School of Anthropology, U of A, and Retired Director, Center of Southwest Studies, Fort Lewis College, Durango, Co. She will be talking about her book about the career of archaeologist Marjorie Lambert: ***No Place For A Lady: The Life Story of Archaeologist Marjorie F. Lambert***. In the first half of the 20th century, the canyons and mesas of the Southwest beckoned and the burgeoning field of archaeology thrived. Among those who heeded the call, Marjorie Ferguson Lambert became one of a handful of women who not only left their imprint on the southwestern archaeology and anthropology but flourished. Dr. Shelby Tisdale’s new book provides a glimpse into a time when there were few women establishing full-time careers in anthropology, archaeology, or museums. Dr. Tisdale takes you on a thought-provoking journey into how Lambert created a successful and satisfying professional career and personal life in a place she loved (the American Southwest) while doing what she loved.

Through Lambert’s life story we gain new insight into the intricacies and politics involved in the development of archaeology and museums in New Mexico and the greater Southwest. We also learn about the obstacles that young women had to maneuver around in the early years of the development of southwest archaeology as a profession. Tisdale brings into focus one of the long-neglected voices of women in the intellectual history of anthropology and archaeology and highlights how gender roles played out in the past in determining the career paths of young women. She also highlights what has changed and what hasn’t in the 21st century. Women’s voices have long been absent throughout history, and Lambert’s story adds to the growing literature on feminist archaeology. She will bring copies of her book which will be available for purchase for \$30 cash.

You are welcome to join us in person at the San Tan Historical Society Museum on Wednesday, March 13th at 6 pm for fellowship; the talk will start at 6:30. If you are unable to attend in person, you can join us on Zoom with the following link:

<https://us06web.zoom.us/j/81254364520?pwd=quKw7VYlkh0Bt6mHlHpXzam9RYqrSC.1>
Meeting ID: 812 5436 45206 Passcode: 945918

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March 15th Field Trip: We are planning a field trip to an ancient canal along the Gila River near Florence and an ancient rock alignment north of Poston Butte that were discovered by archeologist Don Simonis. He has agreed to come with us and give us his input. This is an easy hike, mostly walking on level ground. It will be limited to 16 people due to the roadways to get there. We will need to have 4-wheel drive and high-clearance vehicles. If you are interested email Marie Renner mamare11@yahoo.com for details.

--Marie Renner



Verde Valley Chapter

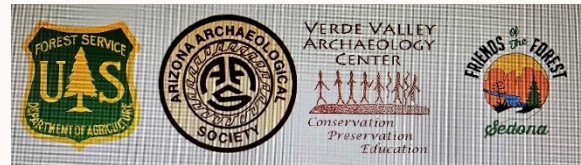
There will not be a March 28th Verde Valley Chapter meeting. If you have any questions, contact Linda Krumrie.

--Linda Krumrie

Beaver Creek Heritage Days (formerly V-V Days)

March 16th and March 17th: 9:30 am - 3:00 pm at

The Crane Petroglyph Heritage Site at V-V Ranch



Celebrate Arizona Archaeology and Heritage Awareness Month and methods of Indigenous technologies with the USDA Forest Service, AAS Verde Valley Chapter, Verde Valley Archaeology Center & Museum, and Friends of the Forest! Beaver Creek Heritage Days is a Verde Valley tradition, and returns for the first time since the Pandemic.

Join us for a fun and inclusive two-day event featuring engaging activities for adults, kids, and families! Hands-on experiences include: prehistoric atlatl throwing, flint knapping, and tool technology. Try your skills at prehistoric methods of cordage making, fire making, hunting technology, fiber spinning and textile weaving, create your own split twig figurine, as well as rock art demonstrations and blade demonstrations! In addition, there will be a special performance by the Warriorettes, a Yavapai-Apache Nation youth dance and drum group.

Discover new insights about The Crane petroglyph panel that features over 1,200 rock art images! The site is an advanced solar and lunar calendar, and is the largest known petroglyph site in the Verde Valley.

Acquire information about 3D photo documentation of prehistoric sites, Ethnobotany of the region, a history of Homolovi, wilderness preservation, Native American Graves Repatriation and Protection Act (NAGPRA) compliance, American Indian Religious Freedom Act (AIRFA) compliance, traditional cultural property identification, Tribal cooperative agreements, and burial agreements with Arizona State Museum and appropriate Tribes.

Schedule of Events: Saturday, March 16th and Sunday, March 17th

- 9:30 am:** Gates open
- 9:30 am - 3:00 pm:** Demonstrations, hands-on experiences, and informational displays
- 10:00 am Saturday:** Renaming ceremony
- 12:00 pm:** At Noon each day, Ken Zoll, VVAC's Director Emeritus will present a Spring Equinox Talk at the rock art panel.
- 3:00 pm:** Gates close

Admission Information: FREE admission and access to the 2-day event includes all demonstrations, talks, and hands-on experiences. A \$5 parking fee per vehicle is required. Parking passes can be purchased on-site. A Red Rock Pass or America the Beautiful Pass is acceptable.

Directions: The Crane Petroglyph Heritage Site at V-V Ranch is located 2.8 miles east of the junction of I-17 and SR 179 on FR 618. Watch for the entrance on your right less than one-half mile past the Beaver Creek Day-Use Picnic Area.

General Notes

Due to Forest Service regulation there will no food or beverage concessions. Everyone is welcome to bring a packed lunch, snacks, and beverages. Water will be provided; please bring a reusable bottle. There will be picnic facilities. Please feel free to bring a portable camp chair and any walking aids.

Restrooms are available at the visitor's center, a new vault-type toilet is available near the rock-art site, and several portable restrooms will be available for the event.

Please leave your dogs and pets at home! Only service animals are permitted.

Volunteers are needed both Saturday and Sunday, as well Friday afternoon to set up.

Please contact Jerry Walters at docents@fosedona.org

**22nd Annual Ancient Technology Day
at S'edav Va'aki Museum, Phoenix
4619 E. Washington St., Phoenix, AZ 85034
March 9th from 9 am to 3 pm**

All Ancient Technology Day activities and Museum admission are FREE for the day!
Visit phoenix.gov/sedav-vaaki or call 602-495-0901 for more information.

Join in on the fun and test your technology skills! Witness demonstrators present technologies inspired by the Ancestral Sonoran Desert People who thrived in a desert environment. Learn about skills such as flint knapping (making arrowheads), raw hide drum making, etching shell jewelry, basketry production, and more! Experts in historic technologies will demonstrate skills from early European settlers such as lace making and adobe brick making! Learn fun facts about the desert environment and try your shot at throwing a spear with an atlatl or using a replica bow to launch an arrow.



Ancient Technology Day: Prehistoric & Historic, an official Arizona SciTech Festival event, highlights technologies to provide our guests with a more complete understanding of Arizona's history and its environment. In addition to hands-on demonstrations, families can enjoy free craft activities and artifact show-and-tell stations. Enjoy an experience that is fun for the whole family!

The **S'edav Va'aki Museum** (formerly Pueblo Grande) is a 1,500-year-old archaeological site once inhabited by the Ancestral Sonoran Desert People. Voted a Phoenix Point of Pride and listed as a National Historic Landmark, the Museum offers two accessible interpretive trails on the prehistoric site. Visitors view a platform mound, ball-court and irrigation canals. Indoor exhibits feature artifacts from the site and hands-on activities. The Museum provides preservation, education, and collaborative interpretation of the cultural history of the Phoenix area and is managed by the City of Phoenix Parks and Recreation Department. Throughout the year, S'edav Va'aki Museum offers programs for visitors of all ages. Check out www.phoenix.gov/sedav-vaaki or call 602-495-0901 for more information about upcoming programs and events.

The Museum is located on the Southeast corner of 44th St. and Washington St.
Accessible by the Sky Train and the Sky Harbor Airport Light Rail Station Stop
Follow us on Facebook and Instagram @SedavVaakiMuseum

Museum Hours: October through April – Monday to Saturday 9 am to 4:45 pm, Sunday 1 to 4:45 pm
CLOSED Sunday and Monday, May through September, and most major holidays.

Admission: Adults \$6, Seniors (55+) \$5, Children (6-17) \$3, under 6 are Free

SAA ANNUAL MEETING

The Society for American Archaeology's 89th Annual Meeting will be held at the New Orleans Marriott and the Sheraton New Orleans. The SAA Annual Meeting is the largest gathering of archaeologists of the Americas, and it offers unparalleled networking opportunities in its exhibit hall, excursions, and receptions and career-development opportunities. The meeting has a wide audience that ranges from anyone who has an interest in archaeology to experts in the field. Attendees come from all over the United States and from over 45 countries! With a wide variety of presentations and events, attendees are able to learn something new, meet new contacts, and reconnect with old friends. Note: For the virtual components, you must register at least 24 hours in advance of the session you would like to attend.



Register for the 89th Annual Meeting at <https://www.saa.org/annual-meeting>



Old Pueblo Archaeology Center's

"The Mogollon Culture of the US Southwest" Online Class

**A 14-Session Online Class
on Wednesday evenings
May 8-August 7, 2024**

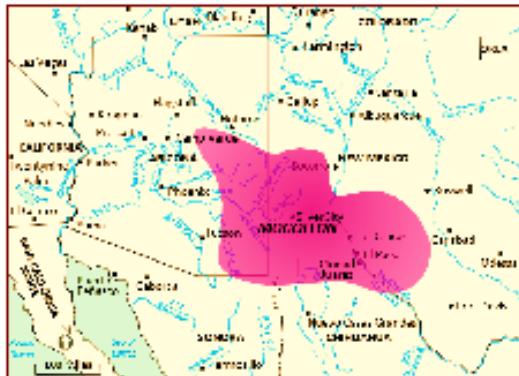
**6:30-8:30 pm Mountain Standard Time*
each Wednesday**

**Instructed by Archaeologist Allen Dart, RPA
Executive Director of
Old Pueblo Archaeology Center**

** Southern Arizona does not go on Daylight Saving Time, so participants outside of Arizona may need to adjust for time zone differences after March 10.*



Some Mogollon pottery, clockwise from upper left: Mimbres Black-on-white bowl, Four Mile Polychrome bowl, Reserve Black-on-white pitcher, Mogollon Red-on-brown bowl, San Francisco Red bowl, and San Francisco Red jar (Photos from Office of Archaeological Studies, New Mexico Museum of Indian Arts and Culture)



**\$109 donation per person
(\$90 for members of Old Pueblo Archaeology Center,
the AAS, or S'edav Va'aki Museum Foundation)
benefits Old Pueblo's education programs***

Explore the American Southwest's ancient Mogollon archaeological culture. In 14 abundantly illustrated two-hour sessions, archaeologist Allen Dart provides an up-to-date review of the Mogollon for anyone interested in southwestern archaeology. The class covers the history of Mogollon archaeology, Mogollon origins, the subregional Mogollon "branches," changes in habitation, subsistence, and settlement patterns over time, artifacts, rock art, religious and social organization, depopulation and movement, and descendant peoples.

The class can be taken for Arizona Archaeological Society (AAS) Certification. The AAS's basic Archaeology of the Southwest class is recommended as a prerequisite but this is negotiable with the instructor. Each student who seeks the AAS Certification is expected to prepare a brief research report to be presented orally or in written or video form. See below for more information about the AAS Certification program.

The Arizona Archaeological Society (AAS) Training, Certification and Education Program (TCEP) is designed with help from professional archaeologists to give training in various aspects of archaeology outside an academic degree program. Because many of the program's courses provide field experience in addition to classroom training, students can develop those skills to become qualified and valuable members of archaeological projects. For students who join the Certification program, the AAS keeps records of courses taken and issues certificates upon successful completion of course requirements.

The AAS is a separate organization from Old Pueblo Archaeology Center. To enroll in the AAS Certification program an individual must be a member of the AAS, complete the Certification Program Application form, and pay the AAS a one-time fee of \$10. When the application is accepted, the Department Recorder will establish a file in the individual's name to maintain a permanent record of qualifications. As each course is completed, the applicant will receive a certificate that the instructor will sign, and the individual becomes certified in that course's aspect of archaeology.

AAS members and others who are not seeking certification may take these courses without joining the TCEP. For complete information on the AAS TCEP visit www.azarchsoc.org/page-807603.

To request a reservation for this course, send email to info@oldpueblo.org or call 520-798-1201.

* Donation is due 10 days after reservation request or by 5 pm Friday May 3, whichever is earlier. The Zoom link for the class will be provided only to persons who have registered and paid. Donation does not include cost of Arizona Archaeological Society membership, AAS Certification Program enrollment, or outside reading materials. Children under age 16 may enroll in the class only if their parent or guardian also enrolls.

Flyer information as of July 9, 2023

UPCOMING EVENTS

(All times are MST unless otherwise noted)

AAHS	Arizona Archaeological & Historical Society, Univ. of Az ENR2 Bldg., Rm S107; az-arch-and-hist.org
ASW	Archaeology Southwest, 300 N. Ash Alley, Tucson; 520-882-6946; archaeologysouthwest.org
AzH	Az Humanities, 1242 N Central Ave, Phoenix; 602-257-0335; azhumanities.org
CCAC	Crow Canyon Archaeological Center, 23390 Road K, Cortez, CO; 800-422-8975, info@crowcanyon.org
CCRP	Cave Creek Regional Park, 37019 N. Lava Lane, Cave Creek; 602-506-2930 ext 8
LPRP	Lake Pleasant Regional Park, 41835 N. Castle Hot Springs Rd., Morristown; 602-506-2930 ext 2
OPAC	Old Pueblo Archaeology Center, 2201 W. 44th Street, Tucson, 520-798-1201; info@oldpueblo.org
PCAS	Pacific Coast Archaeological Society, PO Box 10926, Costa Mesa, CA 92627
RRSP	Red Rock State Park, 4050 Red Rock Loop Rd, Sedona; 928-282-6907; azstateparks.com/red-rock
STMRP	San Tan Mtns Regional Park, 6533 W. Phillips Rd, Queen Creek; 602-506-2930 ext 7

HIKES

March 9, 10 am-Noon, STMRP, **San Tan Valley Master Gardeners Series: Ancient Gardening**: outdoor drop-in program about prehistoric gardening practices in our desert. Adults and kids can learn about ancient technologies used to raise crops with the small amount of rainfall that occurs in our desert. Enjoy displays and hands-on activities, including a craft table to decorate a rain stick to take home. Bring water, a hat and sunscreen. Meet at the picnic area at the main entrance.

March 10, 1-3 pm, RRSP; Fee; **Geology Hike** led by knowledgeable volunteers will take you out on our trails to discuss how Sedona transformed into what we see today. For both the beginner and experienced hiker. Reservations required; call 928-282-6907. Bring water and wear suitable footwear. Adults \$7, Youths \$4.

March 14, 11 am-1 pm, LPRP, **Desert 101 Hike**, (Reg. Req., Limit 15.): Join Ranger Eric on a 2.4-mile roundtrip hike on the Cottonwood Trail to learn about the Sonoran Desert ecosystem and its unique flora and fauna. Meet at the Cottonwood Day Use Area accessed from the North Entrance. The hike is rated as easy, with some rocky and uneven surfaces. Dress in layers, wear protective clothing or sunblock, wear sturdy footwear, carry ample water, electrolytes, and snacks for yourself. Restrooms are located at the trailhead. To register, email derik.rodgers@maricopa.gov with your name, phone number and number of people attending. Registration closes on 3/13.

March 17, 1-3 pm, RRSP, Fee; **Archaeology Hike**: Most features in the park are Sinagua (1100-425 AD). The guide will identify various archaeological features visible from park trails and interpret them in the wider context of important regional Sinagua sites as well as other cultures that may have used the park's resources. About 1½-2 hours, with an elevation gain of about 250 ft. on easy to moderate trails; may begin with a short presentation in the theater. Reservations required; call 928-282-6907 starting the 1st of the month to reserve your spot. Bring water; wear suitable footwear. Adults \$7, Youths \$4.

March 24, 1-3 pm, RRSP; Fee; **Ethnobotany Guided Hike**: Learn more about the native plants and trees here in the Sedona area. Volunteer guides explain how plant life is interconnected with indigenous cultures, pioneer settlers, people in our contemporary times and wildlife. For both the beginner and experienced hiker; lasts between 1½-2 hours with an elevation gain of 250 feet. Bring water; wear suitable footwear. Meet in the Visitor Center a little before 1 pm. Adults \$7, Youths \$4.

March 27, 8:30-10:30 am, LPRP, **Desert Edible Plants Hike** (Reg. Req., Limit 20.) Hike the Pipeline Trail with Ranger Derik to learn about the many plants that can be eaten in the desert and about the native peoples that first harvested them. Hike is 2.5 mi. out and back from the Cottonwood Day Use area. See March 14th hike for precautions. To register, email derik.rodgers@maricopa.gov with your name, phone number and number of people attending. Registration closes on 3/26.

ONLINE TALKS

March 9, 5:30-7:30 pm PST, ARARA, Free: **Assessing the Variability and Chronology of Red Linear Style Pictographs in the Lower Pecos Canyonlands of Texas** with Jerod Roberts, an archaeologist with ten years of experience in the Lower Pecos region, focusing on the documentation of rock art. Go to <https://arara.wildapricot.org/Lectures> to register.

March 14, 4-5 pm MDT. CCAC, Free: **Feathered Serpents and Pole Climbing Clowns** with Randall McGuire, PhD, who will ask how the relations between migrations, commerce, conquest, religion, and elites through time and in space made and remade the Southwest/Northwest and Mesoamerican connection. Go to: <https://crowcanyon.org/archaeology-webinars/> to see full details and to register.

March 14, 7:30 pm PDT, PCAS, Free: **Late Pleistocene Peopling of the Americas: Integrating Genetics and Archaeology** by archaeologist Ben A. Potter, PhD, Professor of Anthropology, Univ. of Alaska Fairbanks. Email membeship@pcas.org to request Zoom registration link or for more information.

(Continued on page 10)

ONLINE TALKS (Cont.)

March 21, 7-8:30 pm MST, (same as PDT), Free: 3rd Thursday Food for Thought Zoom program on *In Search of a Borderland: Archaeological Patterns of Northwest Mexico and Neighbors* by archaeologist Matthew Pailes, PhD, sponsored by Old Pueblo Archaeology Center, Tucson. For more info, contact OPAC at info@oldpueblo.org or call 520-798-1201.

March 28, 6-7 pm MST, *Climate Conversations – Food Sovereignty in the Desert: Reclaiming Traditional O’odham Foodways* with Dr. Jacelle Ramon-Sauberan. Part of the Climate Conversations series hosted by Arizona Humanities. Go to lp.constantcontactpages.com/ev/reg/z48uj3n to register for the talk.

April 6, 11 am-Noon MST, Amerind Museum, Dragoon, Amerind Free Online Talk: *Capturing Water in Chaco Canyon and the Legacy of R. Gwinn Vivian*, with Samantha Fladd, PhD. Go to <https://www.amerind.org/events/> for more information and to register for the talk.

IN-PERSON TALKS

March 11, 12:15 pm MST, Riordan Mansion SHP, Free: *Lost and Found - Archaeology in Glen Canyon Before and After Lake Powell* with Archeologist Kim Spurr. As a result of prolonged drought and changing climate, in 2023 Lake Powell reached its lowest water level since 1968, when the reservoir was initially filling. With a decrease in lake-based recreation, the number of backcountry visitors and the popularity of off-road vehicles is climbing, bringing potential damage to the rich archaeological record of Glen Canyon. Kim will present recent and ongoing field studies by MNA aimed at identifying threats to cultural sites and methods to preserve them. Space is limited. Reserve your spot online at <https://azstateparks.com/reserve/Activities/Search.aspx> or call 928-779-4395 for more info and same-day availability.

March 16, 1-2:30 pm, The Phippen Museum, 4701 N Hwy 89, Prescott: *The Vanishing Trading Posts* with Christine Glenn and Sandy Sunseri, an AZ Speaks Presentation. In the early 1900’s, there were over 100 trading posts in the Four corners; today only five remain. Why did they vanish? The challenges and unexpected gifts of cross-cultural exchange are factors, as well as the social and economic changes on the reservation and across the country. Cohosted by The Phippen Museum.

March 25, 11 am-Noon, Glendale Public Library, Foothills Library, 19055 N. 57th Ave., Glendale: *Archaeology’s Deep Time Perspective on Environment and Social Sustainability* with Allen Dart, an Az Speaks presentation. Studies of ancient peoples and natural events can help modern society deal with problems of environmental and social change, overpopulation, and sustainability. This presentation looks at the long-term effects of exposure to natural chemical hazards, ancient and modern agricultural techniques, and biological and geological records of past climate and natural disasters, to show the value of research in subject areas that are “beyond history.” Cohosted by Glendale Public Library - Foothills Library.

March 28, 11 am-Noon, McFarland State Historic Park, 24 W. Ruggles St., Florence. *Deep Time Perspective on Environment and Social Sustainability* with Allen Dart. See description above.

April 2, 1-2 pm, Free, Fountain Hills Library, 12901 North La Montana Dr., Fountain Hills: *Rivers of Dreams: Songs and Stories of Arizona’s Waterways* with Jay Craváth, an AZ Speaks Presentation. The Colorado, the Gila, the Salt, the Verde, the Hassayampa, the Santa Cruz: Arizona’s rivers were lush green ribbons of life flowing through a desert landscape. They became sustaining paths for indigenous traders and immigrants leaving wagon tracks and settlements. The Hohokam built vast canals from the Salt to direct irrigation water for crops. Cohosted by the Fountain Hills Library.

April 5, 1-2 pm, Free, Maricopa County Library, Ed Robson Branch, 933 East Riggs Rd, Sun Lakes: *Seeing the Desert* with Gregory McNamee, an AZ Speaks Presentation. Most Arizonans come from places that are far greener and milder than our desert and it takes a shift of eye and attitude to appreciate this hot, dry place, but once it gets into one’s soul, there’s nowhere like it. With insights from literature, philosophy, art, neurology, and other fields, Gregory McNamee discusses how we can learn to see the desert as a place of abundant life, abundant beauty, and abundant possibilities for happiness.

April 6, 10-11:30 am, Buckeye Valley Museum, 116 E. MC85, Buckeye: *Arizona Snake Oil Salesmen, Scams, and Hoaxes* with Christine Reid, an AZ Speaks Presentation. This program illustrates through newspaper articles, quotes, photographs and ephemera, some of the most famous, and some of the lesser-known, embarrassing scams and hoaxes that have found gullible Arizonans. Cohosted by Buckeye Valley Museum.

April 6, 11 am-Noon, Maricopa County Library, El Mirage Branch, 13513 N El Mirage Rd.: *Rivers of Dreams: Songs and Stories of Arizona’s Waterways* with Jay Craváth, an AZ Speaks Presentation. See April 2 above for more info.

IN-PERSON and ONLINE EVENTS

March 18, 7-8:30 pm MST, Free, AAHS, *Road Learning from the Grandmothers: The 2023 Traditional Technologies Navajo Weaving Seminar* in Washington, D. C. with Barbara Teller Ornelas, Lynda Teller Pete, Kevin Aspaas, Calandra Cook, Elisio Curley, and TahNibaa Naataanii. Optional online or in Environmental & Natural Resources Bldg. 2, Room 107 (ground-floor auditorium), 1064 E. Lowell St., UA. \$1/hr parking in 6th Street garage. If joining by Zoom, go to: https://us02web.zoom.us/webinar/register/WN_mO_z48LYRhO9iJHdOiZfJw#/registration. (For more info, visit www.az-arch-and-hist.org or contact Susan Bierer at aahs1916@gmail.com.)

IN-PERSON and ONLINE EVENTS (cont.)

May 16 - 20, ARARA 2024 Conference, Farmington, NM

The conference sessions will be streamed on Saturday and Sunday, May 18th & 19th. Go to <https://arara.wildapricot.org/Conference-Info-2024> for more information and to register. The conference will be hosted at the Courtyard Marriott where they will have special room rates; there are many other hotel and dining options in Farmington.

Near the "Four Corners" where Utah, Colorado, Arizona, and New Mexico come together, Farmington is surrounded by culturally significant landscapes along with rock art and other archeology. It is at the junction of the San Juan, Animas, and La Plata rivers and is a short drive north of Chaco, southeast of Mesa Verde, and northeast of Canyon de Chelly. The Aztec and Salmon ruins are just outside of town. The Ute Mountain, Southern Ute, Jicarilla Apache, and Navajo reservations surround it.

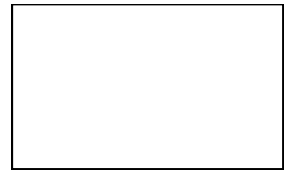
David Casey, the local member arranging field trips, reports: "Substantial rock art images began to appear during Basketmaker II period (0 to AD 400). Pueblo I, II and III images are also present in limited numbers but are dominated by Hopi, Keresan, Chacoan, and Gallican images. Finally there are many Diné panels from AD 1550 to 1790." Diné medicine men became well known for their healing ceremonies and rituals, more than 30 of which are reflected in the rock art by an elaborate pantheon of holy people. Diné sand paintings were part of those ceremonies and rituals and share imagery with the rock art.

CHAPTER MEETING SCHEDULE

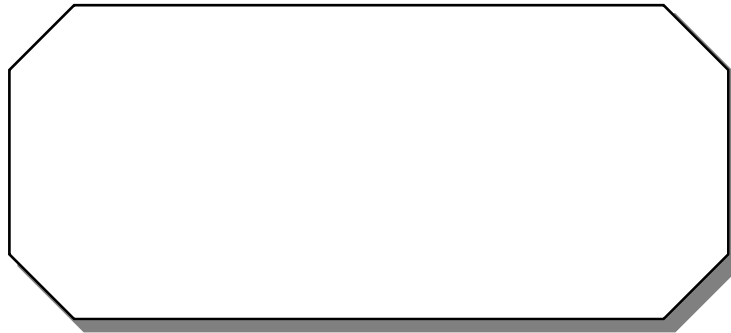
Chapter	Location	Date & Time	Membership
Agave House	Rim Country Senior Center 2171 B Street, Overgaard	4 th Wed., 6:30 pm	Era Harris 928-713-1282
Desert Foothills	The Good Shepherd of the Hills Community Building, 6502 E Cave Creek Rd., Cave Creek	2 nd Wed., 7 pm Sept. thru May	Glenda Simmons 928-684-3251
Homolovi	La Posada Hotel 303 East 2 nd Street, Winslow	2 nd Wed., 4 pm Sept. thru Dec., March thru June	Karen Berggren 928-607-1836
Little Colorado River	Casa Museum, 418 East Main Springerville	3 rd Mon., 6:30 pm	Bill Butler 928-245-9098
Northern Arizona	The Peaks "Alpine Room" 3150 N. Winding Brook Road Flagstaff	3 rd Tues., 7 pm Sept. thru Nov., Jan. thru June	Bob Malone 202-882-6918
Phoenix	S'edav Va'aki Museum 4619 E. Washington, Phoenix	2 nd Tues., 7 pm Sept. thru May	Phyllis Smith 623-694-8245
Rim Country	Payson Public Library 328 N. McLane Road, Payson	3 rd Sat., 10 am	Dennis Dubose dadubose@gmail.com
San Tan	San Tan Historical Society Museum 20425 S Old Ellsworth Rd. Queen Creek, Az 85142	2 nd Wed., 6:30 pm Sept. thru May	Marie Britton 480-390-3491
Verde Valley	Sedona Public Library 3250 White Bear Road Sedona	4 th Thurs., 3:30 pm, Sept. thru May 3 rd Thurs., 7 pm, Nov and Dec.	Linda Krumrie 928-451-4790
Yavapai	The Museum of Indigenous People 147 North Arizona St., Prescott	3 rd Wed., 6:30 pm Sept. thru Nov., Jan. thru June.	James Vaughan 512+306-9769



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Thank you!



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OBJECTIVES of the AAS:

- To foster interest and research in the archaeology of Arizona
- To encourage better public understanding and concern for archaeological and cultural resources
- To protect antiquities by discouraging exploitation of archaeological resources
- To aid in the conservation and preservation of scientific and archaeological data and associated sites
- To serve as a bond between the professionals and the avocational non-professionals
- To increase knowledge and improve the skills of members in the discipline of archaeology
- To participate in investigations in the field of archaeology and to put the information so obtained into published form
- To publish a journal and such monographs as the publications committee deems appropriate

PUBLICATIONS

Ellie Large, Petroglyph Editor
thepetroglyph2@cox.net

Bill Burkett, Editor,
Arizona Archaeologist Series
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Webmaster - Position Vacant