

# glyphs

The Monthly Newsletter of the  
Arizona Archaeological and Historical Society

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January 2017



*A partially excavated adobe foundation from the A.D. 1300s in the Moctezuma Valley.*

**Next General Meeting:**  
**January 16, 2017; 7:30 p.m.**  
**University Medical Center**  
[www.az-arch-and-hist.org](http://www.az-arch-and-hist.org)

## **In This Issue**

- 2 President's Message
- 4 *Archaeology in the  
Valleys of the Sierra  
Madre Occidental,  
Sonora Mexico,*  
Matthew C. Pailes
- 12 The Cornerstone

## President's Message

*by John G. Douglass*

I'm writing this piece, as always, about a month before it officially is "out." Right now, the long Thanksgiving weekend is winding down, and I'm starting to think about the work week ahead. We had a good Thanksgiving, with a lot for which to be thankful.

One of the things Jill and I did with the dog over the long weekend was head south of downtown for a long walk. Jill and I both really love historic architecture and the history that is associated with it. When we moved here to Tucson nine years ago, after much searching, we ended up purchasing a house in the Sam Hughes neighborhood, just east of the University of Arizona, an area that was pretty convenient for our respective responsibilities. We love older homes because they have character and contain history. Little things in the neighborhood, like seeing "WPA" stamped on the sidewalk near the house, give me both a smile and a sense of some of the history of the area. I also love that our home is a contributing member to the historic district, acknowledging it is a little part of something bigger.

Jill and I went walking in the Barrio Viejo (sometimes also called Barrio Libre or Barrio Historico) neighborhood, just south of the convention center and just west of Armory Park. I first learned about the neighborhood last spring, when I signed up for an AAHS walking tour of some of the downtown historic districts. This Saturday morning tour was organized by Cannon Daughtrey, AAHS's terrific field trip coordinator, and was led by University of Arizona Professor Brooks Jeffery, an expert on southern Arizona vernacular architecture. It turns out that the Barrio Viejo neighborhood contains one of the largest concentrations of nineteenth century adobe buildings in the United States. During the walking tour, as well as subsequent walks through the neighborhood, it has been fun to get a feel for what the neighborhood might have looked like 130+ years ago and seeing more and more of the old homes and buildings be revived. If adobe buildings sit abandoned too long (maybe even just a few years), bringing them back to life can be both a difficult and an expensive undertaking.

Walking around the neighborhood, one also gets a good feel for the commercial and residential Sonoran adobe architectural variations. When you walk through the neighborhood, you might want to keep an eye out for buildings at intersections; those that have the front door facing the corner, constructed on a 45-degree angle to the building, probably had been originally a store of some sort. I've always loved adobe architecture, with its rich, organic lines and thick, thermally efficient walls. As many of us know, these types of buildings used to be farther north of this neighborhood as well, but during the 1970s, many were destroyed to make way for urban renewal and development, such as the Convention Center.

One of the things I learned on the walking tour was that at least some of the buildings that now stand as "original" Barrio Viejo architecture actually date to post-1887. It turns out that in May 1887, there was a major – and very rare – earthquake (measuring approximately 7.2 on the Richter Scale) with an epicenter approximately 80 miles southeast of Tucson. Tucson had much less damage than several towns closer to the epicenter, but some homes in Tucson, including some in Barrio Viejo, were damaged in the quake with considerable cracks in walls, bricks coming off cornices, and so forth. Without structural steel and proper footings, these old adobe homes were more at the mercy of the earthquake than modern homes. At Mission San Xavier, just south of Tucson, the quake demolished the Spanish cemetery and atrium walls and damaged one of the arches in the chapel. I was surprised to learn about the rare earthquake and its connection to reconstructing buildings and structure in and around Tucson afterwards.

Each historical neighborhood in Tucson has its own stories to tell, and many are hiding in plain sight. I'm going to keep walking through the historic districts in town to learn more about each one.

### Interesting Reading:

Dubois, Susan M., and Ann W. Smith

1980 *The 1887 Earthquake in the San Bernardino Valley, Sonora: Historic Accounts and Intensity Patterns in Arizona*. Special Paper No. 3. State of Arizona Bureau of Geology and Mineral Technology, Tucson.  
<[http://repository.azgs.gov/sites/default/files/dlio/files/nid1578/sp3\\_the\\_1887\\_earthquake-red.pdf](http://repository.azgs.gov/sites/default/files/dlio/files/nid1578/sp3_the_1887_earthquake-red.pdf)>.

## January 16: Topic of the General Meeting

### *Archaeology in the Valleys of the Sierra Madre Occidental, Sonora, Mexico*

*Matthew C. Pailes  
University of Oklahoma*

This presentation will review recent research in eastern Sonora, Mexico. Spanish exploration era chronicles suggested dense populations occupied eastern Sonora in the 1500s. Using these documents,

ethnohistorians inferred that long distance trade, foreign religious influences, warfare, and abundant agricultural surplus contributed to the development of large politically unified groups. This was a time when the surrounding regions, such as Hohokam and Casas Grandes,

lost population. Pailes' research evaluates these arguments with archaeological data. The evidence indicates that numerous small independent communities characterized this region instead of large politically unified territories. Some of these groups were socially isolated, overturning assumptions about long distance exchange and regional ideological traditions. These observations significantly change how we view prehistoric interaction patterns in the Greater Southwest.



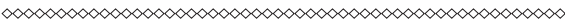
*A rock art panel from the Moctezuma Valley, where the discussed research was conducted.*

*Matthew Pailes is an assistant professor of anthropology at the University of Oklahoma. He recently received his graduate degrees from the University of Arizona. His research focuses on the social organization of village groups of the United States Southwest and northern Mexico. He is also presently involved with ongoing projects on the northern Plains of North America. Pailes received an AAHS 2015 subvention award for his publication, Political Landscapes of Eastern Sonora Mexico: A View from the Moctezuma Valley (in press, University of Arizona Press).*

**Suggested Readings:**

Pailes, M. C.  
2015 The Political Landscape of Eastern Sonora, Mexico: A Reconsideration of Scale and Organization. *Latin American Antiquity* 26:530–549.

Riley, Carroll L.  
2005 *Becoming Aztland: Mesoamerican Influence in the Greater Southwest, AD 1200-1500*. University of Utah Press, Salt Lake City.



**AAHS Lecture Series**

All meetings are held at the Duval Auditorium, University Medical Center  
Third Monday of the month, 7:30–9:00 p.m.

- Feb. 20, 2017: Dale S. Brenneman, Bernard Siquieros, and Ronald Geronimo, *O’Odham History in Spanish Written Accounts* (location to be announced)
- Mar. 20, 2017: Robert Weiner, *Gambling Dice and Speaking Birds: New Approaches to Ritual Power at Chaco Canyon*
- Apr. 17, 2017: John Carpenter, *La Playa* (SON F:10:3): *Exploring 12,000 Years of Adaptation in the Sonoran Desert*
- May 15, 2017: John G. Douglass, *Creating Community in Colonial Alta California*
- June 19, 2017: Saul Hedquist, *Turquoise and Social Identity in the Late Prehispanic Western Pueblo Region, A.D. 1275–1400*
- July 17, 2017: Speaker to be announced

## Upcoming AAHS Field Trips

*Participation in field trips is limited to members of AAHS.  
There is generally a 20-person limit on field trips, so sign up early.*

### **Ventana Cave and Santa Rosa Tour January 28, 2017; 7:00 a.m.–4:00 p.m.**

Al Dart, of Old Pueblo Archaeology, will lead a trip to Ventana Cave, the Santa Rosa historic Spanish Colonial mission revival-style church and village plaza, one of that village's historic cemeteries, and a petroglyph site near Santa Rosa. All are located on the Tohono O'Odham reservation.



Ventana Cave is a National Historic Landmark site. During the Arizona State Museum's 1940s excavations in the cave, led by archaeologists Emil W. Haury and Julian Hayden, evidence was found for human occupation extending from historic times to some 10,000 years ago. The cave, actually a very large rockshelter, also contains pictographs, petroglyphs, and other archaeological features used by Native Americans for thousands of years.

Attendees from Tucson will meet in the park-and-ride lot at Interstate 10 and Ruthrauff Road, then caravan from there to the Eloy McDonalds, where anyone coming from the Phoenix area can meet us. We will proceed from there to Ventana Cave via Indian Routes 15 and 34, returning to Tucson via State Route 86. The total round-trip driving distance from Tucson for that circuit is approximately 226 miles. This will be an all day trip. Participation is limited to 20. To register for the trip, email Katherine Cerino at [kcerino@gmail.com](mailto:kcerino@gmail.com).

### **Village of Cerro Prieto and Nearby Petroglyph Sites March 18, 2017**

Cerro Prieto, meaning "Black Hill," is a large Hohokam village site located north of Tucson in the Red Rocks area. It was occupied





sometime between A.D. 1150 and 1300. The site is located on the side of a volcanic hill, which is rare for Hohokam sites, but more common in northern Sonora. Due to its unique location, there are many more archaeological features visible on the surface, including house foundations, terrace walls, and an elaborate trail system. Petroglyphs are also present both at Cerro Prieto and at a number of nearby sites, some of which we will also visit.

The site is located on a hill in an undeveloped area; therefore, some amount of walking over uneven terrain will be necessary. Because the sites are located on State Trust land, the group is limited to 18 people and dependent on receiving a permit from the state. If you are interested in participating, email Katherine Cerino at [kcerino@gmail.com](mailto:kcerino@gmail.com).

### HELP CONTINUING AAHS INTO ITS SECOND CENTURY!

The success and vitality of AAHS is due largely to the dedicated volunteers who contribute their time and talent to make the Society the great organization it continues to be. Annual elections for AAHS Officers and Board Members are coming up in the Spring, and we would like YOU to be involved! If you are interested in participating in the Society by serving on the Board, or if you know someone you think would be a good addition to the Board, please email Sarah Herr ([sherr@desert.com](mailto:sherr@desert.com)) before the end of February. Board positions are open to all members of the Society.

*Follow AAHS on Facebook at [www.facebook.com/pages/Tucson-AZ/Arizona-Archaeological-and-Historical-Society](http://www.facebook.com/pages/Tucson-AZ/Arizona-Archaeological-and-Historical-Society)*

## Annual Julian D. Hayden Student Paper Competition

*Sponsored by Arizona Archaeological and Historical Society  
and Arizona Archaeological Council*

The Arizona Archaeological and Historical Society and the Arizona Archaeological Council sponsor the annual Julian D. Hayden Student Paper Competition, named in honor of long-time southwestern scholar Julian Dodge Hayden. The winning entry will receive a cash prize of \$750 and publication of the paper in *Kiva, The Journal of Southwestern Anthropology and History*. The competition is open to any bona fide undergraduate and graduate students at any recognized college or university. Co-authored papers will be accepted if all authors are students. Subject matter may include the anthropology, archaeology, history, linguistics, and/or ethnology of the United States Southwest and northern Mexico, or any other topic appropriate for publication in *Kiva*.

Papers should be no more than 9,000 words (approximately 25 double-spaced, typewritten pages), including figures, tables, and references, and should conform to *Kiva* format. Please review the instructions for authors at: [www.tandfonline.com/action/authorSubmission?journalCode=ykiv20&page=instructions](http://www.tandfonline.com/action/authorSubmission?journalCode=ykiv20&page=instructions).

If the paper involves living human subjects, the author(s) should verify, in the paper or cover letter, that necessary permission to publish has been obtained. Previous entries will not be considered, and all decisions of the judges are final. If no publishable papers are received, no award will be given. Judging criteria include, but are not limited to, quality of writing, degree of original research and use of original data, appropriateness of subject matter, and length.

The Hayden Student Paper competition announcement and a link to past winners can also be found at: [www.az-arch-and-hist.org/grants/annual-julian-d-hayden-student-paper-competition/](http://www.az-arch-and-hist.org/grants/annual-julian-d-hayden-student-paper-competition/)

Deadline for receipt of submissions is **January 13, 2017**. Late entries will not be accepted. Your paper should be emailed to Lauren Jelinek ([laurenejelinek@gmail.com](mailto:laurenejelinek@gmail.com)) in PDF format. Should your paper exceed the file size accepted by Gmail, email Lauren, and she will set up a DropBox folder for your submission. You must also include a scanned copy of your current student ID as a separate PDF.

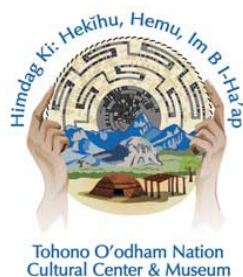


## RESEARCH AND TRAVEL GRANT PROPOSALS ACCEPTED JANUARY 1–FEBRUARY 15, 2017

Research Grants of up to \$1,000 and Travel Grants of up to \$500 are available on a competitive basis to any AAHS member (professional or avocational) who is involved in study or research in the areas of Southwestern archaeology, anthropology, American Indian studies, ethnohistory, or history. In 2016, AAHS awarded \$7,108.20 in Research and Travel Grants to 12 individuals from seven institutions. Applications are accepted from *January 1 to February 15, 2017*, through our website. Information, application forms, and past awardees can be found at [www.az-arch-and-hist.org/grants](http://www.az-arch-and-hist.org/grants).

### THE 2017 ARCHAEOLOGY EXPO

The 2017 Archaeology Expo will be held at the Himdag Ki Cultural Center and Museum on the Tohono O'odham Nation on Saturday March 4, 2017, from 10:00 a.m. to 4:00 p.m. in Topawa (south of Sells on BIA Route 19). This event is free and open to the public. For more information, see our website at [www.azstateparks.com/archy](http://www.azstateparks.com/archy). If you are interested in participating or want additional information, feel free to contact Kris Dobschuetz at [kd2@azstateparks.gov](mailto:kd2@azstateparks.gov) or 602.542.7141.



**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](mailto:emilee@desert.com), or 520.881.2244.

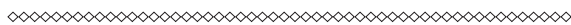
**NEW AAHS MEMBER BENEFIT  
HALF-PRICE JSTOR SUBSCRIPTION**

**A**AHS is now partnered with JSTOR. With more than 2,000 scholarly journals, JSTOR is one of the world's leading academic databases. As part of your AAHS membership, you can now save 50 percent on a yearly JPASS (\$99 per year rather than \$199 per year). This fee includes unlimited reading access and 120 article downloads per year. There is also a monthly plan available for \$19.50. To purchase the plan, you must log in through the AAHS website with your user name and password ([www.az-arch-and-hist.org/publications/jpass-program/](http://www.az-arch-and-hist.org/publications/jpass-program/)), or go to the pull down menu on the home page under Publications and follow the prompts.



**PAST ARIZONA ARCHAEOLOGY AND HERITAGE  
AWARENESS MONTH POSTERS!**

Past posters of the Arizona Archaeology and Heritage Awareness Month are available for viewing electronically on the SHPO Archaeology Expo page, [www.azstateparks.com/archy](http://www.azstateparks.com/archy). They are listed by year—just click on the year to see the image. Unfortunately, we are missing a few. If anyone has one of the missing years (1983, 1985, 1986), please send us a good digital photo of the poster so we can add it to the website.



**New In Press**

*Kiva* 82(3) is hot off the press, in your mail boxes and online. Saul Hedquist, winner of the 2016 Julian D. Hayden Student Paper Competition has the lead article, "Ritual Practice and Exchange in the Late Prehispanic Western Pueblo Region: Insights from the Distribution and Deposition of Turquoise at Homol'ovi I."

## Archaeology Café

Welcome to Archaeology Café, an informal forum where you can learn more about the Southwest's deep history and speak directly to experts. Archaeology Southwest's popular program is beginning its sixth season in Tucson (on the patio of Casa Vicente, 375 S. Stone Avenue) and its second season in Phoenix (in the Aztec Room at Macayo's Central, 4001 N. Central Avenue). Presentations begin after 6:00 p.m., although it is best to arrive by about 5:30 p.m. to get settled, as seating is open and unreserved, but limited.

The program is free, but participants are encouraged to order their own refreshments. Although kids may attend with adult supervision, Archaeology Cafés are best for adults and young adults.

### *Tucson Schedule:*

March 7, 2017: *Ute, Comanche, and Pueblo Interaction in the Northern Rio Grande*, Lindsay Montgomery

April 4, 2017: *When Social Networks Hurt*, Kacy Hollenback

May 2, 2017: *Archaeology Café with Teresita Majewski*, Teresita Majewski

### *Phoenix Schedule:*

January 17, 2017: *Look On My Works, Ye Mighty: Modeling Chaco Great House Variability*, Katherine Dungan

February 21, 2017: *Flagstaff's Ancient Connections*, Peter J. Pilles

March 21, 2017: *Inclusive Ideologies and Social Mechanisms – Two Ancient Examples from along the Gila River*, Bill Doelle and Jeff Clark

April 18, 2017: *Discussing the Edge of Salado: Connections and Disconnections*, Lewis Borck

**AAHS is pleased to offer a new benefit of membership!** All members can now access current digital versions of *Kiva* for free with an AAHS username and password. If you renew your membership online, you have already created these passwords. Visit the AAHS home page, or Publications menu to log in and enjoy *Kiva* articles, even before they show up in your mailbox.

## Cornerstone

*Darlene Lizarraga, Director of Marketing  
Arizona State Museum*

### **Arizona State Museum's Thompson Endowment Supports Museum-Based Student Research and Learning**

*By Dale S. Brenneman, Ph.D.*

*ASM Head of Research and Associate Curator of Documentary History*

Fellowships from the Arizona State Museum's Raymond H. and Molly K. Thompson Endowment have been awarded to three School of Anthropology graduate students in support of their dissertation research.



**Rebecca Mountain** received \$400 toward her novel approach to understanding osteoporosis and skeletal fragility in modern humans through an evolutionary perspective. Her research involves testing bone samples from the Near East dating from 15,000 BP, held in collections of the Peabody Museum of Archaeology and Ethnology. Rebecca's advisor is ASM Associate Director and Associate Curator of Bioarchaeology Dr. James Watson.

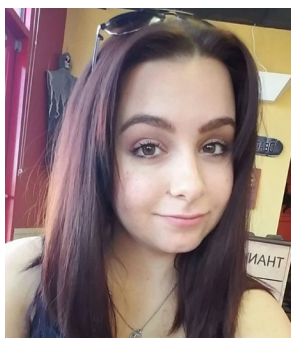
**Kathryn MacFarland** received \$300 to assist with analysis of animal iconography as a primary line of inquiry in identifying modes of interaction among Iron Age peoples in central Eurasia. The majority of her data comes from the collections of numerous museums. Katie, a long-time student employee at ASM, is advised by the School of Anthropology's Regents' Professor Emeritus Dr. John Olsen.





An award of \$300 went to *Gina Watkinson*, also a long-time ASM employee, to assist with her computational photographic examination of perishable archaeological materials in ASM collections. Advising Gina is Conservator and Head of Preservation Dr. Nancy Odegaard.

The Thompson Endowment was established to honor director Raymond H. Thompson upon his retirement in 1997. Income from the endowment has been used since 2002 to support costs associated with the production of a master's or doctoral thesis through annual competitive fellowship grants. These grants are open to graduate students connected to ASM through direct employment, working with its collections, or having its faculty serving as their advisor.



Beginning this year, endowment income is also allocated for the annual support of a competitive work-study position that provides a two-semester, hands-on educational experience at ASM. First to win this new "Year at the Museum" award is *Phebie Wamhoff*, a junior in a dual-degree program for Anthropology and Religious Studies. Phebie, who aims to be an archaeologist, is currently training in the museum's Archaeological Repository under the direction of Curator Arthur Vokes (M.A., Arizona, 1995) through the Spring 2017 semester.

As the Thompson Endowment grows, so too will its impact. You can help support museum-based student research and learning by making a tax-deductible contribution. Contact Sandy Um at [sum@email.arizona.edu](mailto:sum@email.arizona.edu), or 520.626.3466.



a presentation by  
**Miranda Belarde-Lewis**



The love affair between glass beads and Native peoples began at various points of contact and has never dissipated. Bead artists continue to push the boundaries of our imaginations while blown-glass artists are taking indigenous sculpture in new and exciting directions.

Miranda Belarde-Lewis, Ph.D. is a mother and independent curator from the Seattle area. She works to highlight and celebrate Native artists, their processes, and the exquisite pieces they create. She is enrolled at Zuni Pueblo and a member of the Takdeintaan Clan of the Tlingit Nation. Photo by Thoshography.

**Thurs, Jan 19, 2017**

**Free! 7:00 p.m. @ CESL 103**

**Reception Follows Program**

Reception underwritten by Friends of the ASM Collections



**Arizona State Museum**  
 THE UNIVERSITY OF ARIZONA.

This is a presentation of the Arnold and Doris Roland Distinguished Speaker Series, made possible by the generosity of Dr. and Mrs. Roland.

The Center for English as a Second Language (CESL) is one building east of ASM North • ASM is just inside the UA's Main Gate at Park Ave and University Blvd • 1013 E University • Garage parking available for a small fee at Euclid Ave and Second St or Tyndall Ave and Fourth St • [www.statemuseum.arizona.edu](http://www.statemuseum.arizona.edu)

**Article Submissions for glyphs:** If you have research or a field project that would be interesting to *glyphs* readers, please consider contributing an article. Requirements are a maximum of 1,000 words, or 750 words and one illustration, or 500 words and two illustrations. Please send submissions to [emilee@desert.com](mailto:emilee@desert.com).



## 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. Members may purchase an annual JSTOR subscription to *Kiva* back issues for \$20 through the AAHS website.

### Membership Categories

- ☐ \$50      **Kiva members** receive four issues of the Society's quarterly journal *Kiva* and 12 issues of *Glyphs*
- ☐ \$40      **Glyphs members** receive *Glyphs*
- ☐ \$35      **Student Kiva members** receive both *Kiva* and *Glyphs*
- ☐ \$75      **Contributing members** receive *Kiva*, *Glyphs*, and all current benefits
- ☐ \$120      **Supporting members** receive *Kiva*, *Glyphs*, and all current benefits
- ☐ \$300      **Sponsoring members** receive *Kiva*, *Glyphs*, and all current benefits
- ☐ \$1,000      **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.*

### 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 or [www.tandfonline.com/loi/ykiv20#.V3\\_9lldsVpp](http://www.tandfonline.com/loi/ykiv20#.V3_9lldsVpp).

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](http://www.az-arch-and-hist.org), or by mailing the form below to:

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

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City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

E-mail: \_\_\_\_\_

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#### Board of Directors 2016-2017

A A H S



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Arizona State Museum  
University of Arizona  
Tucson, Arizona 85721-0026  
USA

## 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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