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Purported "Anglo-Saxon" runes from the Mustang Mountains in southeastern Arizona (photograph by Will Russell).

Next General Meeting: June 17, 2019; 7:30 p.m. Duval Auditorium Banner-University Medical Center 1501 N. Campbell Ave. Tucson, Arizona

www.az-arch-and-hist.org

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#### President's Message

by John G. Douglass

#### THE STATE OF AAHS

As we end another fiscal year of the Arizona Archaeological and Historical Society (AAHS), I want to provide all members with a report on our Society's accomplishments. AAHS is a non-profit that's 103 years old now. We are run by an all-volunteer board and a number of standing and ad-hoc committees, with help from all the generous volunteer members who make things happen behind, and in front, of the curtain.

I'd like to start off by offering a **HUGE THANK YOU** to two board members who are rotating off the board. **Chris Sugnet** has offered a great deal of service to the Society during his time on the board, including taking an active role in both the Library and the Field Trip Committees. Chris told me recently that being on the field trip committee was one of the most fun jobs he's ever had because he went to neat places with interesting people and was able to get to know members of the Society better. Also, Chris stepped in as Recording Secretary earlier this year, and I really appreciate his service.

Robin Rutherfoord is also stepping down at the end of her term. Robin has been the coordinator of the Site Steward program for many years and that background was tremendously helpful to the board. As soon as Robin joined the board, she rolled up her sleeves and jumped into several committees, including chairing the Orrell Curriculum Development Program, for which the board is very grateful. On behalf of AAHS, THANK YOU TO ALL OF YOU for your service!!!

As a result of the recent elections, **Paul Minnis**, **Deil Lundin**, **Ric Shorrock**, and **Galen McCloskey** will be joining the board. In addition, several continuing board members will be taking on new board roles. **Sharlot Hart** has agreed to become our new Communications Officer, and **Leslie Aragon** will become our new Recording Secretary. In addition, as some of you know, **John Hall** has been elected the new President of the Board of Directors. Both new

and continuing board members will offer a wide range of talents and interests, and we appreciate their willingness to serve! **THANK YOU!** We've done a lot this past year, and the board will continue to work hard to do many more great things this coming year.

So, what have we accomplished this year as a Society? One of our priorities is to support the Arizona State Museum (ASM). Through the **Library Committee**, we have continued our book sales (note: we are again looking for donations of books) in support of ASM and have **raised almost \$6,000** for the ASM library acquisition fund! These sales are subsequent donations to ASM are the library's only means of support, so every dollar helps! **Katherine Cerino** will continue as chair of this committee, and we super appreciate her continued service.

Our Research Grant Committee has been hard at work this year, evaluating two different rounds of grant competitions. The Carryl B. Martin Award had strong competition, and the committee recommended that Mary Ownby of Desert Archaeology be awarded \$5,000 for her project entitled *Reconstructing Identity in the Late Pre-Hispanic Papaguería: Production, Distribution, and Use of Sells Red Pottery*. Her project not only does great research but also has a strong public component to it. In addition, more than \$8,100 was awarded this year in Research and Travel Grants to 12 deserving grantees from eight different institutions, all of whom are detailed in this issue of *Glyphs*.

The **Field Trip Committee**, also chaired by **Katherine Cerino**, has taken members on monthly field trips across Arizona (and New Mexico) this past year to see amazing archaeological and historical resources. Highlights included a tour of the Tree-Ring Lab, a rock art trip to Silver Creek, Casa Grande, CCC sites at Saguaro National Park, the Tucson Mission Garden, and A-Mountain rock art. The trips for this coming year look great as well. Field trips are a big draw for membership and it takes hard work from a committed cast of volunteers to offer these each month! I know I speak for the Society when I say thank you to the hard working Field Trip Committee!

Related to this, we continue each month to have terrific speakers (including avocationalists, students and professors, professional

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historians and archaeologists, and tribal members) on a wide variety of topics related to archaeology and history of the American Southwest, northwest Mexico, and beyond. Thank you to VP of Activities **Pamela Pelletie**r for working so hard for the Society in facilitating these lectures!

The **Publications Committee** has continued to be busy with a huge number of tasks. The peer-reviewed journal *Kiva*, under the editorship of **Deb Martin**, continues to be a success. I recently learned that during 2018, *Kiva* articles were accessed **more than 34,000 times!** This is really incredible to me. Members continue to look forward to our newsletter, *Glyphs*, for timely information about the Society. **Emilee Mead**, our *Glyphs* editor, does an incredible job each month! The committee also judged the Subvention Award competition, and the board voted to award the grant to help offset publication costs for three different volumes focused on the American Southwest!

The **Awards Committee**, led by **Ron Towner**, has continued to work hard during the year and awarded the Byron Cummings Award to **Richard I. Ford** and **Malcolm Ebright** and the Victor R. Stoner Award to **T. J. Ferguson** and **Beth Grindell**. In addition, the recipients of the Alexander J. Lindsay, Jr. Unsung Heroes Award are **Jamie Merewether** and **Marilyn Markel**. We welcome your nominations for future awards.

Our **Finance Committee**, chaired by **Jeff Clark**, continues to keep on top of our endowment and investment funds. These funds have grown substantially during the time I've been on the board and is over the \$600,000 mark! Using up to 4 percent of the various funds each year and continuing to grow the principal allows us to continue to support AAHS programs.

As I described earlier this year in *Glyphs*, based on an extremely generous donation from an anonymous donor, this year we established a new program, the **Traditional Technologies Program**. This program is currently funded for approximately 10 years and will allow tribal artists and non-Native scholars to undertake study seminars focused on particular types of traditional technologies. Our inaugural study seminar of this exciting new program was to rural Oaxaca to study weaving and included four tribal members from

Hopi, Zuni, Tiwa, and Santa Clara and Comanche communities, five non-Native scholars, a Chicano documentary film maker, and me, representing the board. There will be a larger presentation to membership on the results of this study seminar in the coming months. The board is extremely happy with this new program and its potential for the future. Thank you to co-chairs **Laurie Webster** and **Louie Garcia** for leading this great committee and program!

The Society began a new program last year to help encourage students of diverse, and possibly underrepresented, backgrounds learn more about the history and archaeology of Arizona and the rest of the American Southwest and northwest Mexico. This new grant program, called the F. Lewis Orrell Bequest Curriculum Development Award, is designed to offer up to \$5,000 a year for teachers to create new curriculum or skills for teaching about the topic described. Board member **Robin Rutherfoord** has worked hard to get this program off the ground, and we thank her for those efforts!

AAHS also sponsors several **research projects** and has funded various aspects of them. The Cocoraque Butte Rock Art project is done documenting rock art and associated features northwest of Tucson, and its leaders—**Peter Boyle** and **Janine Hernbrode**—recently received the prestigious Society for American Archaeology (SAA) Crabtree Award for outstanding avocationalists for their long-term rock art research. The board nominated Peter and Janine, and we were extremely happy that the SAA thought as highly of them as we all do.

In sum, AAHS is in good shape and doing impressive things, in large part to the membership's generous donations of funds and labor. After three years as President, it's time to let others in the Society lead us on the next steps. Thank you all for the honor of being President. I'm so happy that **John Hall** will be our next President. He's a super organized and thoughtful person who has a number of years of board experience under his belt. He'll do a great job.

Thank you all so much for all that you do to make AAHS such a great organization of which to be a part!

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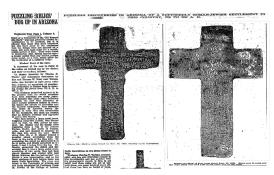
## June 17: Topic of the General Meeting

#### Archaeological Fakes and Frauds in Arizona and Beyond

Matt Peeples Arizona State University

Depictions of archaeology in popular culture are full of dubious tales of ancient extraterrestrials, lost civilizations, giants, and

widespread scientific conspiracy. In this talk, I will explore such fantastic claims focusing in particular on a few popular claims here in our own backyard in Arizona. My goal is not to simply "debunk" these claims (though I will do that too) but to further explore how and why pseudoscientific claims take hold in the popular imagination and what we can do about it. Are such claims just silly fun, or do they have the potential to do real damage to archaeological resources and the scientific process?





Top: Story from the New York Times reporting on the supposed discovery of Roman-Jewish artifacts near Tucson.

Bottom: Examples of the famous Acámbaro "dinosaurs" from the Museum Waldemar Julsrud in Guanajuato, Mexico (creative commons photograph from Wikipedia).

Speaker Matt Peeples is an assistant professor and archaeologist in the School of Human Evolution & Social Change at Arizona State University, research director for the ASU Center for Archaeology and Society, and a research associate and frequent collaborator with the non-profit preservation organization Archaeology Southwest in Tucson, Arizona. He conducts field and lab research focused on the greater Cibola region in New Mexico and Arizona and also collaborates on several large projects focused on synthesizing settlement data from across the U.S. Southwest and Mexican Northwest. One of Dr. Peeples' major collaborative projects involves the use of social network analysis to explore how pre-Hispanic indigenous farmers survived and thrived in this unpredictable arid environment and what lessons their successes and failures can offer those of us living here today.

#### Suggested Readings:

Burgess, Don

2009 Romans in Tucson? The Story of an Archaeological Hoax. *Journal of the Southwest* 51

Fagan, Garrett G.

2006 Diagnosing Pseudoarchaeology, In Archaeological Fantasties: How Pseudoarchaeology Misrepresents the Past and Misleads the Public, edited by G. Fagan, pp. 23–46. Routledge, Abingdon, United Kingdom and New York.

Feder, Kenneth

1984 Irrationality and Popular Archaeology. American Antiquity 49:525–541.

2010 Frauds, Myths, and Mysteries: Science and Pseudoscience in Archaeology. McGraw Hill, London.

#### **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.

June 17, 2019: Matt Peebles, Archaeological Fakes and Frauds in Arizona

and Beyond

July 15, 2019: Aaron Wright, A Renewed Study of a Patayan Walk-in

Well on the Ranegras Plain in Far Western Arizona

#### AAHS 2019 RESEARCH AND TRAVEL GRANTS

Proposals for the annual AAHS Research and Travel Grants came from a broad section of our membership, including graduate students, cultural resources management professionals, non-profit institutions, government agencies and academics. On the recommendation of the Research and Travel Grant Committee, 12 proposals from eight institutions were funded, including six research grants and six travel grants. Congratulations to all and thank you to all our members who contributed to this fund.

#### RESEARCH GRANTS

Jenny Adams (Desert Archaeology, Inc.): \$1,000 to fund travel to the University of New Mexico to examine ground stone artifacts from small sites in Chaco Canyon. We propose to analyze a carefully selected sample of 150 ground stone artifacts from sites 29SJ627, 29SJ629, and 29SJ1360, which were inhabited about the same time as Pueblo Bonito. By exploring the manufacturing techniques and function of these objects, we will be able to compare them to those from Pueblo Bonito we analyzed last year at the American Museum of Natural History, New York. Our analysis of ground stone objects from large and small sites has the potential to make significant contributions to understanding the expressions of ritual and power in Chaco Canyon.

*Kaitlyn Davis* (University of Texas, Boulder): \$1000 for analysis of phytolith samples collected from prehistoric and early historic fields in the northern Rio Grande. This is part of a dissertation project that explores Puebloan agricultural practice prior to and following Spanish colonization at four pueblos in the region to understand how agricultural practices may have changed as a result of Spanish colonization.

*Evan Giomi* (University of Arizona): \$1000 for his research project entitled "Coalescence and Colonialism in New Mexico, A.D. 1300-1700: Social Network Analysis of Puebloan Regional Interaction." This project will evaluate the social consequences of both coalescence

and colonialism in the Eastern Pueblo region of New Mexico through the use of social network analysis.

Steven James (California State University, Fullerton): \$814 for his project entitled "Protohistoric or Early Historic Chicken Bones? Pueblo Grande Museum Collections May Have Significant Implications for the Earliest Domestic Chickens in the American Southwest." Funding will be for AMS dating of chicken bones found at Pueblo Grande to prove or disprove the antiquity of chicken bones recovered during excavations at the site. Two previous radiocarbon dates produced ambiguous results that suggest the bones may date to the Protohistoric period.

*Nicole Mathwich* (Desert Archaeology, Inc.): \$430.24 for travel to the Museo de Trincheras, Sonora, Mexico, to analyze one of two excavated Spanish mission assemblages in Sonora and funds for the collection to be returned to its repository in Hermosillo, Sonora. This proposed project is a component of ongoing research into the ecologies of colonialism in the Pimería Alta and will explore the first introduction of livestock to the Pimería Alta.

Blythe Morrison (Northern Arizona University): \$945 for the analysis of dietary isotopes to identify the presence of wild birds within a domesticated population. The primary goals of the project comprise examining dietary attributes of turkeys (*Meleagris gallopavo* spp.) to better understand domestication processes on the Colorado Plateau. Using a sample of turkey remains from an ancestral Pueblo village in northeastern Arizona, we will use dietary isotopic information to test if the skeletal remains of turkeys exhibit microscale evidence of the introduction of wild birds into the domestic population to increase the genetic variability of village flocks.

#### TRAVEL GRANTS

*Andrew Gillreath-Brown* (Washington State University): \$500 for travel to the 84th Annual Meeting of the Society for American

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Archaeology in Albuquerque, New Mexico. Andrew will present the paper entitled: "The Impact of Temperature on the Transition to Maize Agriculture in the Northern Upland United States Southwest."

Kelsey Hanson (University of Arizona): \$500 for travel to the 84th Annual Meeting of the Society for American Archaeology in Albuquerque, New Mexico. Kelsey is serving as the co-chair for the session Archaeological Method and Theory: Papers in Honor of James M. Skibo, presenting a paper titled "Driving Me Nuts: Acorn Processing Experiments and the Ongoing Impact of Jim Skibo's Mentorship, Training, and Yooper Wisdom," and co-authoring a paper titled "The Technology of Capturing Color: Complementary Analyses of Pigment Cakes and Chalks."

Lori Barkwill Love (University of Texas, San Antonio): \$500 for travel to the Radiocarbon and Archaeology 9th International Symposium in Athens, Georgia. Lori is presenting a poster titled "New Perspectives on the Timing and Dispersion of Archaic Maize in the North American Southwest."

*Alex Nunez* (University of Arizona): \$500 for travel to 2019 Annual Convention of the North American Society for Sport History in Boise, Idaho. Alex is presenting a paper titled "A Catcher's Mask: Vincent Nava, Baseball's Color Line, and Mexican American Racialization."

Mairead Poulin (University of Arizona): \$300 for travel to the 84th Annual Meeting of the Society for American Archaeology in Albuquerque, New Mexico. Mairead is presenting a paper titled "Making the Walls Talk: Memory and Rock Art in the American Southwest" and is a discussant in a lightning round entitled Dialogues on North American Human Remains Curation.

*Kelsey Reese* (University of Notre Dame): \$500 for travel to the 84th Annual Meeting of the Society for American Archaeology in Albuquerque, New Mexico and the international annual meeting for Computer Applications and Quantitative Methods in Archaeology in Krakow, Poland. At the SAA's, Kelsey is presenting the paper "All

for Drone and Drone for Free: A Free and/or Open-Source Workflow for UAV Imagery Collection and Analysis" and is coauthor on two other papers titled "First Impressions of the Mesa Verde North Escarpment" and "A Bowl in a Basket Shop: Late Pueblo III Ceramic Motifs and the Mesa Verde North Escarpment." In Poland, Kelsey is presenting the paper titled "Ecological Marginality and Internal Migration on the Mesa Verde North Escarpment."

#### FIELD TRIPS ARE ON SUMMER HIATUS

The AAHS field trip season has ended for this year but our 2019–2020 field trip committee (Pamela Pelletier, Katherine Cerino, Chris Sugnet, Paul Minnis, and Ric Storrock) is busy planning next year's

adventures. A fall highlight is a planned 4-day trip to Chihuahua led by Casas Grandes scholar Paul Minnis, which will include visits to Paquime and Valley of the Caves. Information will be published on our website and in *Glyphs* as it



Paquime wall structures, turkey or macaw pens in right center.

becomes available. If you have ideas of places you would like to visit, send them along to Katherine Cerino at kcerino@gmail.com.

## SAVE THE DATE! 2019 PECOS CONFERENCE, AUGUST 8-11

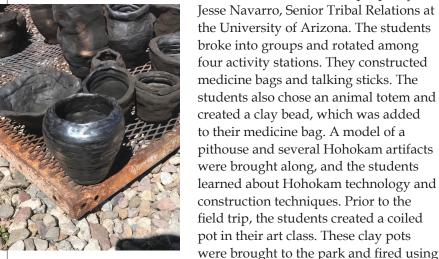
Check out the website for the 2019 Pecos Conference at http://www.pecosconference.org/! It includes information about registration, conference location, amenities, accommodations, conference schedule, volunteering, the Cordell-Powers Prize, and much more. The conference will be held in Cloudcroft, New Mexico.

### FIRST CLASSROOM RECIPIENT OF AAHS'S F. LEWIS ORRELL JR. FUND

The entire 4th grade class from Lulu Walker Elementary School is the first classroom recipient of the AAHS F. Lewis Orrell Jr. Curriculum Development Award. The class used this award to participate in a field trip to Catalina State Park, near Tucson, Arizona.



The field trip was the culmination of a social studies unit of the Native American history and Art History of Pueblo Pottery. At the park, the students were first given a brief history of the Hohokam people by



an ancient pit firing process. As the students watched the pots being removed from the fire, they reviewed what they had learned about the pottery-making process and shared new things they had learned from their day in the park. A great day at Catalina State Park with a great group of students!

#### Cornerstone

Darlene Lizarraga, Director of Marketing Arizona State Museum

#### Different Kinds of Museums, Different Kinds of Collections

by Raymond H. Thompson Director Emeritus, Arizona State Museum

Many different kinds of museums collect, preserve, and interpret various aspects of our world for the benefit of present and future generations. Both fortunately and unfortunately, as time goes on, the collections made by these museums grow and grow and grow. Ultimately, it becomes necessary to think about new storage space, because inevitably, the main museum site runs out of room. So, the standard approach is for a museum to seek off-site storage facilities. For example, the Metropolitan Museum of Art in New York has such off-site facilities in both the states of New York and New Jersey. However, it is very expensive to build and maintain these facilities.

On the other hand, there is always the desire to solve the storage problem more inexpensively. For example, the *New York Times* recently reported ("Clean House to Survive? Museums Confront their Crowded Basements," March 12, 2019) about an art museum in Indiana that ranked all the objects in its collection, then disposed of (that is, deaccessioned) everything below the A and B levels. The trouble is that the ranking was done according to the values and whims of the museum's current director and curators.

It sounds like a convenient way of avoiding the construction of new storage space and the chore of raising the money to build it. However, such an approach would not work for a museum like the Arizona State Museum, because archaeological, anthropological, historical, scientific, and natural history museums select objects to collect and preserve according to well-established, systemic principles, not the whims of directors and curators.

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Also important for anthropological museums is the fact that every so often, new techniques are developed for analyzing collections made years ago. Major advances in archaeology come from the reanalysis of those old collections; for example, tree-ring dating, radiocarbon dating, and DNA analysis. These previously unknown techniques made major advances in the world of archaeology because of the valuable old museum collections available to them.

More recently, Patrick Lyons's new book on the Davis Ranch Site, which is research based on collections made half a century ago by the Amerind Museum, provides the first full documentation of the Kayenta diaspora in southern Arizona. Patrick's work confirms the hints of Kayenta design that Byron Cummings, who spent several years exploring the Kayenta region 100 years ago, sensed when he examined southern Arizona pottery such as the type we now call Tucson Polychrome.

In other words, ASM cannot take the easy way out and dump by deaccessioning the collections in need of offsite storage without abandoning its ethical and legal responsibilities. Rather, it must continue to support Director Lyons' efforts to raise funds to build the desperately needed offsite storage facility.

#### 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. Examples of topics include, among others, Teaching the Fundamentals of Archaeology, Study of Prehistoric Ceramics, Peoples of Ancient Arizona, and The Study of Chipped Stone Tools.

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.

#### **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

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Mer	nbersh	nip Categories						
<b>□</b> \$6	1 \$60 <b>Kiva members</b> receive four issues of the Society's quarterly journal <i>Kiva</i> and 12 issues of <i>Glyphs</i>							
□ \$4 □ \$3 □ \$3 □ \$3 □ \$3 □ \$3	45 35 100 150 300	Glyphs members receive Glyphs Student Kiva members receive both Kiva and Glyphs Contributing members receive Kiva, Glyphs, and all current benefits Supporting members receive Kiva, Glyphs, and all current benefits Sponsoring members receive Kiva, Glyphs, and all current benefits Lifetime members receive Kiva, Glyphs, and all current benefits						
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