

# glyphs

The Monthly Newsletter of the  
Arizona Archaeological and Historical Society

Vol. 67, No. 1

July 2016

1916-2016  
Celebrating 100 Years of Research,  
Scholarship, and Preservation

# AAHS



*Doug Gann recording a photogrammetric model of a Kiva at Pecos National Historic Park*

**Next General Meeting: July 18, 2016**  
7:30 p.m.  
University Medical Center  
[www.az-arch-and-hist.org](http://www.az-arch-and-hist.org)

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## President's Message

by John Douglass

This is my first piece in *Glyphs* as the new President of the Arizona Archaeological and Historical Society (AAHS), and I want to begin by saying I am very honored to be elected President, and I will do my best to serve AAHS to help it continue into the future! The assortment of celebrations of AAHS's centennial has helped me put the history of the organization into perspective, and I hope that my background and skills, along with that of the board as a whole, will complement and support all the amazing things AAHS does.



I thought I would start by introducing myself, as many of you may not know me. I am John Douglass, a professional archaeologist employed by Statistical Research, Inc. (SRI), as the director of corporate research. While early on in my 15 or so years with the company I did a lot of "dirt" archaeology, I now spend much of my time on the administrative side of the company, working alongside many

talented folks to manage archaeological and historical projects. Before joining SRI, I taught for a while at several institutions in California, including Pomona College and the University of California, Riverside.

There are a number of ways to describe me as an archaeologist, but the tendency of my wife, Jill, to describe things in terms of dogs has rubbed off on me, so I think I will use the term "mutt." My doctoral work was in Honduras, in Central America, focusing on household archaeology, which is a topic I have continued to pursue over the years in a variety of contexts, including the American Southwest. Since I have been at SRI, I have had the privilege of working on a number of large projects in California, including one which has allowed me to pursue another archaeological theme: colonialism.

Over the past decade or so, I have spent a considerable amount of time thinking and writing about the effects of, and reactions to, colonialism in both California and the American Southwest and have really enjoyed working with a number of folks also interested in those themes.

So overall, my background is varied, with several different research themes and a number of regional foci, including administrative experience, in various portions of North and Central America. I think this diverse background has made me a better archaeologist and someone who can think on his feet. In my professional career, besides AAHS, I have been, or am currently, on the boards of the Register of Professional Archaeologists, the Society for American Archaeology, Leaders in Energy and Preservation, and Xela Aid (a non-profit in Guatemala). Being on these boards has been very helpful to me in thinking about larger pictures for organizations and how to identify and pursue goals.

I have been on the AAHS board for about five years now, and I have been very impressed with the dedication of so many people to the organization. The board may help oversee policies and the overall direction of AAHS, but it is the numerous members who volunteer their time that make AAHS what it is. AAHS not only has these numerous dedicated people, but it is also in very good financial shape, with a number of invested funds that continue to grow and allow AAHS to offer a variety of different and exciting programs, including the funding of numerous research and travel grants each year.

I think this coming year will be a very good one for AAHS, as it begins a second century of existence, and I thank you for being a part of it. The board as a whole is excited to work alongside the AAHS membership to do great things that have positive results in Arizona and beyond on historic preservation, research, and education.

### **Pecos Conference Volunteers Wanted**

Going to Pecos in Alpine, Arizona, this August? Wiling to help staff the AAHS booth for an hour or two, or help set up the booth? Please let Katherine Cerino know at [kcerino@gmail.com](mailto:kcerino@gmail.com).

## 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.

- Aug. 2016: No meeting; Pecos Conference
- Sept. 19, 2016: J. Jefferson Reid, *Thirty Years into Yesterday: A History of Grasshopper Archaeology*
- Oct. 17, 2016: Patricia A. Gilman, *Social Contexts of Chaco and Mimbres Macaws*
- Nov. 21, 2016: M. Steven Shackley, *The Southwest Archaeological Obsidian Project and Preclassic Hohokam Social Identity*



### WELCOME TO NEW BOARD MEMBERS

As of July 1, six new members will be joining the AAHS Board, bringing a host of new talent. **Barbara Montgomery** has more than 30 years of experience in Southwest Archaeology and is a Senior Principal Investigator at Tierra Right of Way Services. **Robin Rutherford** has managed the very successful Tucson sector of the Arizona Site Steward program for many years. **Chris Sugnet** is a retired librarian and active ASM, AAHS, and Old Pueblo volunteer. **James Watson** is an Associate Professor of Anthropology and Associate Curator of Bioarchaeology at the Arizona State Museum. **Lisa Palacios** is a graduate student at the UA School of Anthropology and a member of the Tohono O'odham Nation; she will serve as the student representative on the Board. **Erika Heacock**, a recent graduate of the UA School of Anthropology with four Archaeological Field Certifications from Pima College, works in the repository and will serve as the ASM representative to the Board.

#### *Thank You to Retiring Board Members*

Many thanks to retiring Board Members **Jesse Ballenger**, who has served as President for the past four years, **Chance Copperstone**, **Ben Curry**, **Ken Fleshman**, **Darlene Lizarraga**, and **Brad Stone**. Your time and contributions are greatly appreciated.

## CARRYL B. MARTIN RESEARCH AWARD

*(sponsored by the Arizona Archaeological and Historical Society)*

The Arizona Archaeological and Historical Society (AAHS) has received a substantial bequest from the estate of Carryl B. Martin, an avocational archaeologist and long-time member of the Society. Carryl's wish was to specifically support research.

In her honor, AAHS is pleased to announce the Carryl B. Martin Research Award. A single award of \$5,000 will be given annually to a high quality archaeological or historical research project that focuses on significant questions in the archaeology of the Southwest United States or Northwest Mexico. In the spirit of Carryl, projects that allow opportunities for participation by avocationalists will receive special consideration.

Applications for the first award cycle will be accepted through our website, [www.az-arch-and-hist.org](http://www.az-arch-and-hist.org), November 1-30, 2016. All applications must be members of AAHS. Applications will be reviewed by the AAHS Research Committee, and the awardee confirmed by the Board of Directors. The successful awardee is expected to submit information about the research topic for use by AAHS in its publications and on-line media, as well as a final report upon completion.

### MONTHLY LECTURES NOW AVAILABLE ON YOUTUBE

To make our monthly lectures available to members who live outside of the Tucson Basin, as well as to a wider public, we are experimenting with having them professionally videoed and posted on a Arizona Archaeological and Historical Society channel on YouTube. You can access these lectures through our website or by searching for us on YouTube. At the moment, only the last three lectures are available, but we will continue adding each month. If this appears to be useful, we will continue. Feedback appreciated!



## July 18: Topic of the General Meeting

### *Digital Archaeology for the Public: An Update on the State of the Field in 2016*

*Douglas W. Gann  
Archaeology Southwest*

By July of 2016, it should go without saying that the field of archaeology has witnessed a near revolution how spatial data and geodetic mapping techniques have transformed archaeological research. Geographic Information Systems (GIS), LIDAR, and photogrammetric mapping have transformed the ways that archaeology can study, document, and record the landscapes, settlements, deposits, and objects that comprise the archaeological record.

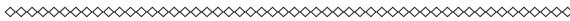
Hand-in-hand with similar digital developments in the entertainment industries, public archaeologists now have the opportunity to utilize a wide set of new tools and technologies to share archaeological research with the general public. Archaeology Southwest personnel have spent the past two decades working with these new media methods for capitalizing upon these opportunities. By employing the same software that “drives” the new generation of video games, beginning with the Chaco’s Legacy project, we are developing a tool called Chronological Virtual Reality to allow archaeologists to their own build virtual exhibits that incorporate GIS, Lidar, and photogrammetric models into timeline-based touch-screen, web-based, or full virtual reality exhibits.

This presentation will focus on the development of new tools for sharing ancient and historic places, such as the Marana Platform Mound, Las Capas, Homol’ovi IV, and Pecos Pueblo, through time and space.

*Douglas Gann has more than 25 years of experience in archaeological fieldwork, research, and public interpretation. His Master’s thesis focused on the use of form-*

molded adobe brick architecture by ancestral Hopi prior to its re-introduction by the Spaniards. His doctoral dissertation explored the implications of space syntax theory in the archaeological analysis of social uses of space. As a graduate student, Doug pursued fieldwork at numerous sites in the Southwest, as well as Ecuador, Armenia, and the eastern seaboard of the United States.

As Archaeology Southwest's chief Digital Media Specialist, Doug develops applications from a diverse set of new media tools for interactive exhibit design and archaeological interpretation. He has created numerous interactive museum exhibits and three-dimensional computer models, including the interactive exhibit Rio Nuevo, Rio Viejo: 10,000 Years of Tucson History, which is on display at the Arizona Historical Society. This exhibit highlights Doug's research on three-dimensional reconstructions of the San Agustín mission and the Tucson Presidio. Dr. Gann is currently finishing the development of Chronological Virtual Reality (CVR), a tool for building digital exhibits for archaeology, utilizing virtual reality to share reconstructions and visualizations through space and time. The first exhibit built via the CVR, Chaco's Legacy, is currently on display at Aztec Ruins National Monument and Salmon Ruins State Park, with mobile versions soon to be released for IOS and Android phones.



## **Save the Date!** **AAHS Fall Used Book Sale**

*September 30, 2016; 1:00–4:00 p.m.*  
*October 1, 2016; 9:00 a.m.–3:00 p.m.*  
*Arizona State Museum Lobby*

Mark your calendars for an extravagance of a book sale. We will be selling more than 1,000 books from the estate of Agnese Haury. It is an extraordinary collection of art, art museum catalogs, history, travel, politics, and archaeology. While most of the Emil Haury's archaeology books have previously been donated, there are few gems in this collection as well. We also have Bill Longacre's amazing collection of Civil War and history books. Most are under \$5.00. As always, 90 percent of the proceeds go to support the Arizona State Museum Library. If you are interested in helping staff the book sale, please contact Melanie Deer at [melaniedeer@email.arizona.edu](mailto:melaniedeer@email.arizona.edu).

## Cornerstone

*Darlene Lizarraga, Director of Marketing  
Arizona State Museum*

### **A Case for an Archaeological Collections Curation and Research Facility**

*Patrick D. Lyons, Ph.D., RPA  
Director, Arizona State Museum*

**I**n last month's Cornerstone, I touched briefly on ASM's institutional imperative, an offsite curation facility, promising more information. I am happy now to share with you the details of our very attainable vision to solve the state's curation crisis for the next several decades.

#### **The Vision**

ASM is in the midst of securing 30,000 ft<sup>2</sup> of archaeological collections curation and research space within an off-campus facility in Tucson. The total projected cost is \$1.6 million.

#### **Overview**

Collecting for more than a century and housed in two historic buildings on the University of Arizona campus, we no longer have enough space to meet our legally mandated mission to curate and facilitate research on archaeological collections recovered from state, county, and municipal lands in Arizona.

We already care for more than 35,000 boxes of archaeological repository collections, each 1 ft<sup>3</sup> in volume, and we will receive, on average, 1,000 additional boxes every year for the foreseeable future. To increase on-campus space available for exhibitions and public programs, to continue accepting our average annual intake of collections, and to accommodate additional collections associated with unusually large highway construction and mining projects on the horizon, our highest institutional priority is to secure a 30,000 ft<sup>2</sup> area within an off-campus shared-use facility recently purchased by

the university. This space will allow us to continue to fulfill our legal responsibilities, to meet the highest professional museum standards, and to provide excellent service to our many constituencies at the university, within the city, throughout the state, across the nation, and around the globe.

### Care in Perpetuity

As most of you already know, there are no larger, more comprehensive, or better documented archaeological

collections from the Southwest United States and Northern Mexico than those at ASM. Dating from 13,000 years ago to the present day, these collections represent an unequalled and unending store of information on the human and environmental histories of the region. They are consulted regularly for research, teaching, and exhibition by individuals and institutions in Arizona and around the world.

Because we take very seriously our legal and ethical responsibility to ensure that all our objects continue to be properly cared for, well documented, and available for research, education, and outreach, AND because this facility will ensure ASM's ability to accept archaeological collections for the next 40-60 years, we are keenly focused on this goal.

### An Attainable Solution

The first phase of this \$1.6 million project entails raising \$250,000 to secure the space and engage architects. You can help solve the state's curation crisis with a contribution. I invite you to join those who have done so already. Together we can do this!

To make a gift quickly and easily, contact Sandy Um at 520-626-3466 or [sum@email.arizona.edu](mailto:sum@email.arizona.edu). Thank you!



## SAVE THE DATE!

The 2016 Pecos Conference of Southwestern Archaeology will be held in Alpine, Arizona, August 5-7. Thank you in advance to the Apache-Sitgreaves National Forests, host for the 2016 event. For all the information you need—registration, maps, camping information, schedules, and so much more—visit <http://pecosconference.com/>. Be

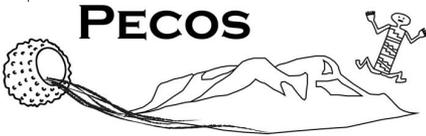
sure also, to stay updated through Facebook or Twitter!

Each August, archaeologists gather under open skies somewhere in the southwestern United States or northwestern Mexico. They set up a large tent for shade, and spend three or more days together

discussing recent research, problems of the field, and challenges of the profession. In recent years, Native Americans, avocational archaeologists, the general public, and media organizations have come to speak with the archaeologists. These individuals and groups play an increasingly important role, as participants and as audience, helping professional archaeologists celebrate archaeological research and to mark cultural continuity.

First inspired and organized by A.V. Kidder in 1927, the Pecos Conference has no formal organization or permanent leadership. Somehow, professional archaeologists find ways to organize themselves to meet at a new conference location each summer, mostly because they understand the problems of working in isolation in the field and the importance of direct face time with colleagues. To make progress with objective science and other cultural matters, books and journal articles are important, but one still must look colleagues in the eye and work out the details of one's research in cooperative and contentious forums.

Open to all, the Pecos Conference remains an important opportunity for students of prehistory to meet with professional archaeologists on an informal basis to learn about the profession, gain access to resources and to new research opportunities, and to test new methods and theories related to archaeology.



## CONFERENCE

AUGUST 5 - 7, 2016  
ALPINE, AZ

## AAHS Membership Application

Membership is open to anyone interested in the prehistory and history of Arizona and the Southwest and who support the aims of the Society. Membership runs for a full year from the date of receipt, and covers all individuals living in the same household.

Monthly meetings are free and open to the public. Society field trips require membership. 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

For institutional subscriptions to *Kiva*, contact Maney Publishing at [subscriptions@maneypublishing.com](mailto:subscriptions@maneypublishing.com) or <http://maneypublishing.com/index.php/journals/kiv>. 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

Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Address: \_\_\_\_\_

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

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

#### Officers

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Vice President for Membership: Michael Diehl | [mdiehl@desert.com](mailto:mdiehl@desert.com) | 520.881.2244  
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Treasurer: Joanne Canalli | [jcanalli@email.arizona.edu](mailto:jcanalli@email.arizona.edu)

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#### Directors

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Barbara Montgomery	Robin Rutherford	Chris Sugnet	James Watson	Ericka Heacock (ASM Rep)

#### Editors of Society Publications

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*Glyphs*: Emilee Mead | [emilee@desert.com](mailto:emilee@desert.com) | 520.881.2244

**A A H S**



Est. 1916

Arizona Archaeological and Historical Society  
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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