

TEXAS ARCHEOLOGY

THE NEWSLETTER OF THE TEXAS ARCHEOLOGICAL SOCIETY

Meet the New TAS President

President's Message from Dr. Tamra Walter



As the new Texas Archeological Society (TAS) president, I wanted to take this opportunity to introduce myself and say a few things about my archeological career and my experiences with the TAS. My first introduction to Texas archeology was in the late 1980s when I was a student at the University of Texas at Austin (UT) where I received my B.A. degree in 1991. Upon graduating, I landed a job as a contract archaeologist and participated in excavations across the state. In a brief moment of madness, I left Texas to pursue an M.A. degree at the University of Montana in Missoula. Little did I know how pivotal that move would be. My original plan was to study high plains archeology but after taking my first class in historical archeology I knew I was hooked - and I was now in need of a new thesis project. I reached out to my old professor from UT, Dr. Jim Neely, to inquire about a possible thesis project. Dr. Neely suggested I speak with Dr. Tom Hester about the possibility of conducting thesis research on one of his projects. I was in luck. Dr. Hester mentioned the site of Mission Espíritu Santo (41VT11) and the upcoming 1995 UT field school in the surrounding region. I jumped at the chance to return to Texas archeology and more specifically, to work on a colonial site. In 1996, I completed my thesis research at Espíritu Santo and after coming to my senses I returned to Texas and started the doctoral program at U.T. under the guidance of Dr. Hester. After completing the Ph.D. program at U.T. in 2000, I was offered a tenure-track position at Texas

Tech where I am still working today. Since then, my collaborations with the TAS have resulted in the publication of a book, numerous journal articles, and several monographs.

Today, as I look back on my early days as a young archeologist and graduate student, two events stand out as instrumental to the success of my academic and professional career. First is the mentorship and guidance of my advisor, Dr. Tom Hester, to whom I cannot be more grateful for his support and encouragement throughout the years. Second, is my introduction and ongoing partnership with the TAS. I attended my very first TAS field school in 1997 at Mission Valley and it was during that summer that I realized how extraordinary this organization is. The shared passion for Texas archeology and the spirit of collaboration between members, both avocational and professional, confirmed that I had found my people.

Since joining TAS some 30 years ago, I have been fortunate enough to participate in seven field schools, five of which I served as principal investigator. At Presidio San Sabá and later, Mission San Lorenzo, TAS worked alongside our Texas Tech field school allowing our students to benefit from the knowledge and experience of our TAS members. The TAS annual meetings also provide an opportunity for our students to present their own research and in many instances, research that was either sponsored by the TAS or the result of students' participation in a TAS field school. Likewise, our TTU students have benefitted from attending TAS workshops that provide in-depth and often immersive approaches to relevant topics in Texas archeology. So, when I was approached about the

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The Society encourages scientific archeological exploration and research, the preservation and conservation of archeological materials and sites, and the interpretation and publication of the data attendant thereto.

TEXAS ARCHEOLOGICAL SOCIETY® ETHICS

- Members of TAS must abide by all terms and conditions of the TAS bylaws and all Federal and State antiquities laws or regulations.
- TAS does not condone the practice of buying or selling artifacts for commercial purposes.
- TAS does not condone the disregard of proper archeological field techniques or the willful destruction or distortion of archeological data.

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Newsletter Deadline
 Friday, March 17, 2023 – Spring Edition

TAS BOARD MEETINGS

January 21, 2023 - Austin,
 Board Training
 April TBD, 2023 - by Zoom
 June 11, 2023 - Nacogdoches,
 Field School
 September TBD, 2023 - by Zoom
 October 6, 2023 - San Marcos,
 Annual Meeting



June 10-17, 2023 - Field School, Nacogdoches
 October 6-8, 2023 - Annual Meeting, San Marcos

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President's Message

possibility of serving as president of TAS, I knew it was my turn to give back to an organization that has given me and our students at TTU so much. I am honored to serve in this capacity, and I will do my level best to put the organization and its needs first.

My goal as president is to govern with transparency, honesty, and fairness. While I have many initiatives I would like to pursue, I am realistic about what can be done within the span of a year. With this in mind, I am prioritizing the most important issues the organization is currently facing. First and foremost, the financial health and daily operations of TAS require attention. Significant problems were identified prior to my presidency, and I am committed to following through on doing what needs to be done to address these problems. Specifically, I am looking at outdated procedures, inconsistent record keeping practices, and adjustments needed to keep up with the digital age. We are already in the process of implementing some simple changes that will help streamline how our finances are handled and insure good fiscal health. The executive committee and our administrator, Jamie Ross, are all working together to make these alterations as painless as possible. In implementing these changes, I hope to leave the society in a stronger position for the next president just as the previous president did for me.

My next initiative will focus on increasing diversity and inclusivity within the organization. Specifically, I am looking at ways to increase the number of women, youth, and minorities that not only become members but also serve in key roles within the society (e.g., officers, committee members, principal investigators, etc.). Moreover, having a good representation of both professionals and avocationalists serving on committees and in governing positions is an important part of this initiative. In recent years, we have boosted the number of women serving as president, but fewer women have served as principal investigators. Likewise, our leadership roles have lacked minority participation and currently there are slightly more professionals serving in these positions than avocationalists. With these thoughts in mind, I will be reaching out to our members for their input and suggestions for how we might address the lack of diversity in our organization and improve our recruitment strategies. In the coming weeks, I will be sending out an online survey soliciting advice on this front and other topics. I will be asking those surveyed to comment on the future of TAS, what members want out of the organization, what they think we are doing

right or wrong, what they value, and where they see us 10 years from now. In preparation for the survey, I am also encouraging input for what questions should be included and I welcome feedback from our membership.

In closing, I want to stress that despite some bumps in the road, our organization is strong. We just completed a successful annual meeting in Tyler and finished two field school seasons of excavation at Kerrville. Despite a pandemic, our membership numbers are solid (down only slightly from 850 in 2017 to 819 in 2022). We are excited about next year's annual meeting in San Marcos and anticipate a good turnout. I am also pleased to be serving as the principal investigator for this coming summer's TAS field school in Nacogdoches. I am looking forward to my first official meeting as president in January at our Austin board retreat and the chance to discuss my initiatives in more detail. I am thankful for the opportunity to serve as president of an organization that has meant so much to me personally and professionally. Best wishes for a happy new year. See you soon.



Dr. Walter and archeology students at the Mission San Lorenzo de la Santa Cruz excavation site.

Photo from May 2, 2017.

Check out the progress on FB *Nueces Canyon Missions*

<https://www.facebook.com/nuecescanyonmission/posts/1577326732280582>

Texas Archeological Society 93rd Annual Meeting - A Success!

By Chris Meis

The 93rd TAS Annual Meeting was held October 21-23, 2022 on the UT Tyler Campus in conjunction with the 27th East Texas Archeological Conference. Rather than the traditional hotel/conference room facilities, it was held on the UT Tyler campus and it was very well attended. Since we missed having an in-person meeting in 2020 and 2021, everyone was anxious to see their TAS friends and learn what the last three years had meant in their lives. The assistance and coordination of the UT Tyler personnel was invaluable and much appreciated. All events except the Saturday night banquet were held in the Soules College of Business Building, a state of the art facility for a meeting like ours. The banquet was held at Ornelas Activity Center.

The Local Arrangements Committee was comprised of both North Texas Archeological Society (NTAS) members and UT Tyler staff. The host society was the North Texas Archeological Society while the Program Chairs for the meeting were Dr. Thomas Guderjan and Dr. Cory E. Sills of UT Tyler. Dr. Guderjan and Chris Meis were co-chairs for the Annual Meeting. NTAS members on the Local Arrangements Committee included Dana Parker, Treasurer, Linda Lang, Registrar and Gen Freix, Silent Auction/Book Room Coordinator. Jamie Ross as TAS Administrator was instrumental in the registration and financial aspects of this year's AM, performing many of the duties done by the Treasurer in the past. The new Wild Apricot operating system for the TAS website registration allowed these changes to occur.

A total of 306 people registered for the 2022 Annual Meeting. Of those, 43 student registrations were paid by the UT Tyler Dept. of Social Sciences. Individuals were responsible for booking their own accommodations, but the Local Arrangements Committee was able to obtain favorable rates at three Tyler hotels. Friday started out with TAS Board, Council of Texas Archeologists (CTA) and Texas Archeological Stewards Network meetings and the always popular Silent Auction and raffle draw-

ings. Paper presentations were presented in an afternoon session prior to the Public Forum event. There was one general paper presentation session and one panel discussion, *Finding Work/Life Balance in Post-Pandemic Texas Archeology*.

The Public Forum speaker on Friday evening was Leslie Bush, Ph.D., R.P.A. Dr. Bush's presentation was titled "Caddo Archeology: The Land and The People".



Dr. Bush graciously agreed to be our Public Forum speaker after the scheduled speaker had to cancel his appearance a few days prior to the event and we are indebted to her for the relevant and interesting presentation, TAS professional and avocational archeologists were available to answer questions about artifacts brought by local area residents. After the Public Forum, the CTA Career Social was held in the Soules College of Business lobby. This was a perfect facility for the social, plenty of room for the CRM firms advertising their businesses, lots of room for mingling with friends and tables for eating and drinking. The CTA sponsors the food at this event and Horizon ESI generously supplied the beer, wine and soft drinks served. A generous grant from Humanities Texas was received in sponsorship of the Public Forum.

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TAS 93rd Annual Meeting

Saturday morning started a full day of paper and poster presentations with four concurrent sessions from 9:00am to 4:00pm. Within these concurrent sessions there were three general paper sessions and seven symposiums. The symposiums included; *TAS on a Mission: Revisiting Mission San Lorenzo and Preparing for the 2023 TAS Field School at Mission Concepcion and Related Caddo Sites, Community Historical Archeology Project with Schools Program, The Old and the New – Texas Historical Commission Programs and Projects, Crying Woman Ranch, 41KR754, Kerr County Texas: 4 Years of Field Work and Research by the Hill Country Archeological Association, Rock Art and Archeology, The Bois d'Arc Lake Archaeological Project: Comprehensive Investigations at the Western Margin of the Prehistoric Caddo Territory Symposium, Advances in Maya Archeology*. A total of 65 papers and 15 posters were presented at the Annual Meeting.

The concurrent sessions were broken up by the TAS Annual Business Meeting, held in the same building. Box lunches were provide for all the registered attendees. After the paper presentations, the silent auction and raffle sales were closed. Along with the vendor table sales, they proved to be a very productive fund raiser this year, generating \$4,298 for TAS. Thanks to all the TAS members who contributed silent auction items and helped Friday and Saturday to make this so successful.

Our Saturday evening banquet was held across from campus in the Ornelas Activity Center. 145 members registered for the Banquet meal and an additional 34 individuals paid to hear the speaker only. After the three-course meal, the TAS and Presidential Awards were announced and given to deserving TAS members. This was the first Annual Meeting since 2019, so three past TAS presidents, James Everett, Sarah Chesney and Elizabeth Coon-Nguyen had awards to present. (See related article in the newsletter for these awards.)

The banquet speaker was Dr. Rolfe D. Mandel. Dr. Mandel is the Senior Scientist & Director, Odyssey Archaeological Research Program and University of Kansas Distinguished Professor.



His presentation, titled “ Searching for Evidence of the First People in the Americas: A Geoarchaeological Perspective”, focused on the application of geoarchaeological methods in the search for evidence of the first people in the Americas, and highlighted ongoing studies in the Big Bend region. As they did for Friday evening, Horizon ESI provide the beer and wine served at the Banquet.

Sunday morning brought another TAS Board meeting, this one serving as an orientation meeting for the new 2023 TAS Board. Two Sunday field trips were arranged by the UT Tyler Social Sciences staff, one to the Caddo Mounds State Historic Site in Alto and the other a Director’s tour at the Discovery Science Place in Tyler.

The East Texas Archeology Conference and North Texas Archeological Society appreciate all the help in making this meeting a success. Thanks to the East Texas Archeological Conference and Humanities Texas for their sponsorships. The presenters, guest speakers, TAS attendees, UT Tyler student volunteers and the facilities and catering personnel all contributed to the success of this 93rd TAS Annual Meeting and we are grateful.

Mark your calendars now to attend the next Annual Meeting scheduled for **October 6-8th, 2023** at the Embassy Suites hotel in San Marcos, Texas. The Travis County Archeological Society will be hosting that event.

The Heritage of the Texas Archeological Society

The Awards Presentation at the TAS Annual Meeting Banquet on October 22, 2022

2022 Award Winners



From **Alan Skinner, Chairman of the Awards Committee**: “This particular tag team works together at field school and have done so since 2001... the tag team which contrast in their education, their territories of experience, their full time vocations, but not in their love for kids. TAS is pleased to present the **Francis Stickney Field School Award** to **Neal Stilley** ... and the award of **TAS Fellow** to **Doug Boyd** who was formerly with Prewitt and Associates that has now been included in the engineering company Stantec. Both of these guys have worked tirelessly with the Field School Youth Group for more than 20 years and have mentored hundreds of kids over this period.”

The C. K. Chandler Avocational Award for Most Recorded Sites was presented to Chris Meis.



Photo Credits: Thanks to Susan Everett and James Everett for serving as the official photographers for the Annual Meeting. Thanks to Neal, Faizan, Gracie, and Lauren for providing his or her own photo.

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The Awards Presentation 2022 Award Winners



Faizan Khan - President's
Extraordinary Service Award



Gracie Robbins - President's
Extraordinary Service Award



Lauren Miller - President's
Extraordinary Service Award

2021 Award Winners



Diedre Hood

President Sarah Chesney with
the winners of the 2021
President's Extraordinary
Service Award

Additional Recipients:
The McNeil Family -
Distinguished Service Award
Bonnie McKee - President's
Extraordinary Service Award



James Everett



Jamie Ross



Elizabeth Coon-Nguyen

Continued
on Page 8

The Awards Presentation 2020 Award Winners



Frank Kozar accepts the TAS President's Extraordinary Service Award on behalf of the Houston Archeological Society.



Jamie Ross accepts the TAS President's Extraordinary Service Award.

Editor's note: Jamie's talents and dedication make each day better for all of the TAS membership. Thank you, Jamie, for all you do.



From James: "... I want to give a Special "Thank You" here to Susan Everett for her invaluable, constant support through the decades that we have been together and especially during the past 30 months. I would never have accepted the nomination for the President-Elect position in 2018 had it not been for her agreement and support, and I certainly would have been unable to serve as President without her assistance. She provided sound advice, fantastic computer and technology expertise, served as my Facebook reader, and never complained about the long hours I worked or my constant preoccupation with TAS problems. Susan has been with me every step of the way and she made my Presidency possible. "

The 2020 Distinguished Service Award was also presented to James Everett. From Alan Skinner: "The TAS is lucky James retired to the DFW area and innocently agreed to be the TAS President in 2020 which he foresaw as a year with the major challenge of balancing the budget along with hosting a TAS field school in Kerrville and an annual meeting in Houston. He struck out in the last two but served to carry TAS through the most tumultuous year in the twenty-first century."

TAS award recipients not in attendance:

- | | |
|---------------|-----------------------------|
| Bob Skiles | Distinguished Service Award |
| John Benedict | Golden Pen Award |
| Myles Miller | TAS Fellow of the Society |
| Linda Gorski | TAS President's Award * |
| Larry Golden | TAS President's Award * |
| Bonnie McKee | TAS President's Award* |
| Steve Chapman | TAS President's Award* |

*TAS President's Extraordinary Service Award

Annual Meeting Raffle Winners & Silent Auction Survivors



Alex receives the Raffle Prize from Gen Freix

Congratulations to Alex Younger, winner of the TAS Annual Meeting Free Registration Package. Package includes free adult registration for one person to each of these TAS events: Academy, Field School, and Annual Meeting.



Nancy accepts the TP&WD gift from Gen

Congratulations to Nancy Turner, winner of the TAS Annual Meeting Texas Parks & Wildlife Department Raffle. The prize consists of one Texas Parks & Wildlife Annual Pass, one year's subscription to the TPWD magazine, a TPWD cap, and other assorted TPWD items. A big thank you to the Texas Parks & Wildlife Department for this donation!



The Silent Auction Survivors! Congratulations, team! Royce Baker, Gen Freix, Paula Vastine, and Sue Gross combined their talents, marketing skills, and sold your treasures, both great and small. Gen, a veteran of the Silent Auctions, served as the Silent Auction/Book Room Coordinator. Thanks to everyone who donated and made this year a success. All of the funds raised at the Silent Auction directly benefit TAS.

Photos Tell the Story of the 93rd TAS Annual Meeting

From beautiful Tyler, Texas, to the Caddo grass house, we celebrated as we renewed our friendships and reaffirmed our commitment to promote knowledge and the preservation of Texas archeology.



Doug Boyd as Elton Prewitt, presenting the Resolutions at the banquet.



Carol Macaulay-Jameson and Thomas Guderjan in the Soules College of Business Building, UT Tyler.



Tom Middlebrook, James Everett, Bob Turner, and Harry Shafer at the banquet. Bob celebrated his 100th birthday in 2022.



The crowd at the CTA Careers in Archeology event.

A perfect day for TAS members to visit the new Caddo grass house.



**Photo Credits:
Thanks to Susan Everett and James Everett.**

A TAS Exclusive: The Ceremonial Gavel

When is a stick not a stick? When it is a ceremonial gavel, of course. Since its mighty beginning, possibly in 1964, the TAS ceremonial gavel has been to every Annual Meeting, signed by every TAS President, and found its way into the zone of quirkiness reserved for a treasured heirloom. A Texas heirloom, not to be confused with any other place. These photos taken in 2012 by Bryan Jameson, a Past President, prove this piece of TAS history is a wooden showcase for all those archeologists and avocational archeologists whose year of service with the TAS is uniquely noted.



T.N. Campbell was the first to make his mark in 1964, beginning a TAS tradition.

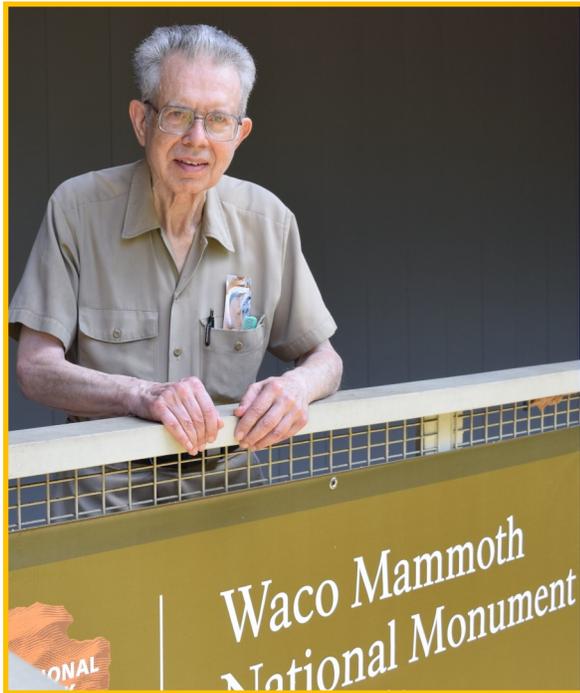


Finally, we end with this recognition of a friend and colleague from Alan: “Today I had the pleasure of picking up a 60 year membership certificate for my friend Jay C. Blaine who convinced me to join TAS 50 years ago before I attended and directed the 1971/72 TAS Field School at Turtle Creek in Kerr County. At the age of 98, Jay is still going strong and we look forward to celebrating his 100th birthday in a couple more years. Jay and I and Molly Hall have written up and published several of his unfinished projects. He and I are now working to get his site collections and records permanently curated in Texas, Oklahoma, and Nevada. So Jay says ‘Hello’ to all of you.”

Plan now to join us in San Marcos for the 94th Annual Meeting of the Texas Archeological Society.

A Tribute to Nick Cirincione

By James Everett



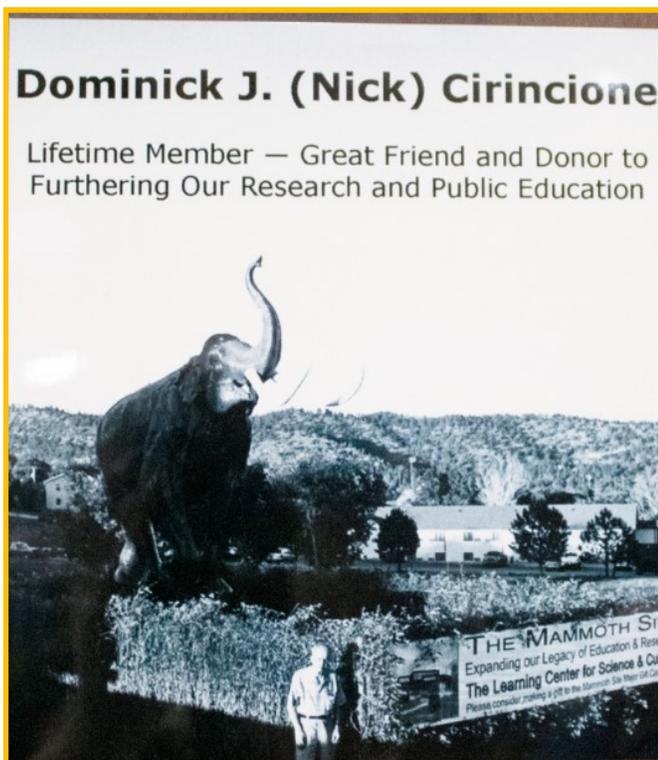
Nick at another of his favorite destinations, the Waco Mammoth National Monument, during a 2016 group visit by the North Texas Archeological Society

Photo by James Everett

Many new Texas Archeological Society members did not have a chance to get to know Dominick J. “Nick” Cirincione, a longtime member of both TAS and the North Texas Archeological Society. Nick died on February 4, 2021 after a lengthy illness plus several years of mobility problems resulting from a bad fall. However, prior to his health problems, Nick attended a number of early TAS Academies, participated in rock art trips sponsored by TAS and Shumla, and took outstanding photographs of the Waco Mammoth Site excavations over several years for the Strecker Museum at Baylor University. Throughout his life, Nick was dedicated to learning, to travel (e.g., visiting all 7 continents), and to generously donating money, books, and archival materials to numerous museums and organizations across the United States.

One of Nick’s favorite learning destinations was the Mammoth Site in Hot Springs, South Dakota. In his will, Nick bequeathed a very large monetary gift to the Mammoth Site. They used the money to add classrooms and equipment to their Learning Center.

On September 13, 2022, the Mammoth Site held a ceremony during which the Learning Center building was officially named “The Cirincione Learning Center”. Nick would be extremely pleased that his legacy of learning and sharing will continue to have a positive impact on the lives of those who use the **Cirincione Learning Center** as they study and conduct research there.



Clarendon Field School – Getting ‘er done!

By Pam W. Stranahan, Fund-raising Committee

The TAS Field School held at Clarendon in 1996 has received some much-needed attention. With the assistance of Becky Shelton, Pam Stranahan created a proposal to guide funding requests. With permission from Brad Jones at THC, Becky Shelton and Aina Dodge (Reports and Curation Committee) set up a lab in THC space for volunteers to work.

In 1996 the Texas Archeological Society (TAS) held a field school on the Harrison-Greenbelt site near Clarendon to deter looting and to document the significant prehistoric sites. Approximately 200 members of the TAS contributed over 3600 hours to survey, excavate and record the site. The artifacts were bagged and sorted to allow analysis. Before the project was complete, the principal archeologist passed away.

In 2021 the Texas Historical Commission awarded a grant of \$7,500 cash from the Texas Preservation Trust Fund to complete the analysis of the materials. Much of the work was done *pro bono* by archeologists (Aina Dodge, Chris Lintz, and Leslie Bush) with volunteers (Jim Schmidt and Chuck Wimbrow) working to inventory all materials. The TAS invested \$3,750 matching cash and \$18,000 in-kind time. The Mary Bivins Foundation, The Fowlston Charitable Trust, and the David D. and Nona Payne Foundation contributed to the preparation and curation at the Panhandle Plains Historical Museum. Funding was also donated by the Panhandle Archeological Society and individuals. Brandon Tully, a graduate student working under Dr. Brett Houck at TTU, has committed to develop his master’s thesis about the Harrison-Greenbelt site.

The Harrison-Greenbelt Site (41DY17) is a prehistoric village site in the Texas Panhandle located in a county park in Donley County near Clarendon. The site was first recorded by Jack Hughes in 1966. Recorded features include pit houses, a connecting passage, storage pits, and hearths. This evidence of early people in the Panhandle is only revealed through archeology.

Several specialized reports have been completed. The macrobotanical report by Leslie Bush cites evidence of corn agriculture. Wild food plants consisted of chenopod, amaranth, starchy-seeded grasses, wild beans, prickly pear, sumac, yucca, and purslane. Potential food plants: currant, hackberry, sand plum, lotebush, grape, and possibly mesquite, were recovered in the form of wood charcoal. A wild gourd rind and fragments of yucca leaves indicate use of those plants for containers or rattles and fiber/textiles. Sagebrush and possibly yarrow are potential medicinal plants recovered, and juniper wood charcoal may represent architectural remains. The lithics report by Sergio Ayala and Katharine Febres confirms Alibates flint as the primary source for tools. Ceramics review by Chris Lintz showed how sherds illustrate trade networks.

This project demonstrates how a comprehensive plan can lead to outside funding and in-kind contributions by able supervisors to complete a long overdue report and curation of work done by TAS members.

For further consideration: In 1983, Dr. Jack Hughes provided his 1966 field notes for 41DY17 to Thomas Jefferson Campbell, III, who wrote the cited work below as his Master’s Thesis. Campbell’s thesis provides a historical review of the archeological research at and around the Greenbelt Site. Campbell also pursues an examination of the classification of the site itself.

THE GREENBELT SITE: AN EXAMPLE OF VARIATION AMONG PREHISTORIC PLAINS VILLAGE SITES IN THE TEXAS PANHANDLE

by THOMAS JEFFERSON CAMPBELL III, B.A.

A THESIS IN ANTHROPOLOGY

<https://ttu-ir.tdl.org/bitstream/handle/>

PATTERNS OF SHAPE CHANGE AND MORPHOLOGICAL DIVERSITY IN CADDO BOTTLES

Robert Z. Selden, Jr. Heritage Research Center, Stephen F. Austin State University; Department of Biology, Stephen F. Austin State University; Texas Archeological Research Laboratory, The University of Texas at Austin; and Cultural Heritage Department, Jean Monnet University (zselden@sfasu.edu, corresponding author)

With support from a Spatial Archaeometry Research Collaborations (SPARC) grant from the Center for Advanced Spatial Technology at the University of Arkansas, the Texas Archeological Society's Research Support Fund, as well as fiscal and logistical support from the Heritage Research Center at Stephen F. Austin State University, I recently completed data collection for what will be the largest comparative study of Caddo bottles ever to have been undertaken. The sample includes almost 1,000 intact bottles from sites in every major river basin of the southern Caddo area in Arkansas, Louisiana, and Texas (Figure 1).

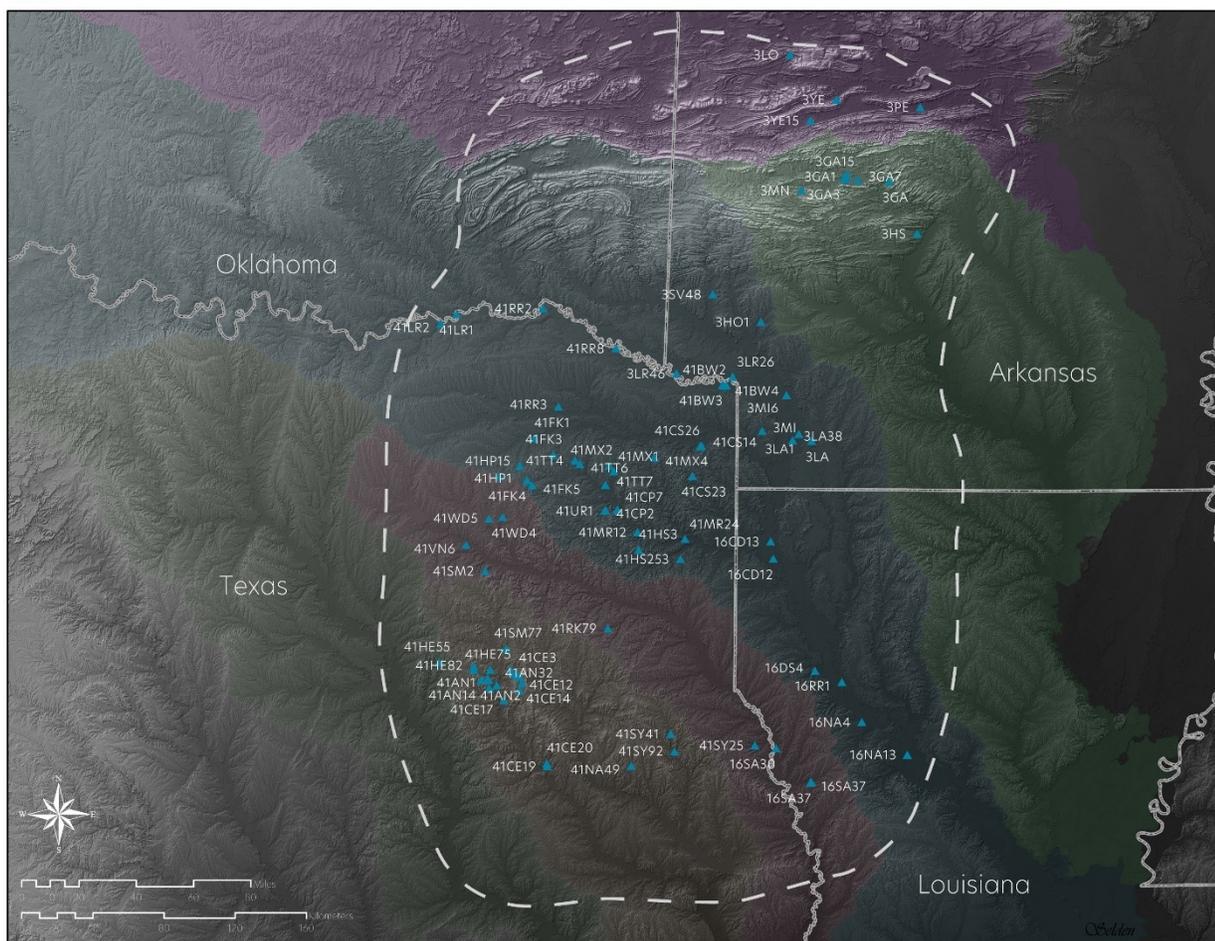


Figure 1. Sites associated with Caddo bottles used in the study denoting major river basins by color.

(Continued on page 15)

CADDO BOTTLES

In a June 18, 1937 Works Progress Administration interview with Lillian Cassaway, Sadie Bedoka—a Caddo-Delaware woman raised by the Caddo—stated that:

Each [Caddo] clan had its own shape to make its pottery. One clan never thought of making anything the same pattern of another clan. ***You could tell who made the pottery by the shape*** (Cassaway 1937:395).

The ethnographic literature suggests that the Caddo sexual division of labor places lithic production in the domain of men, and ceramic production in the domain of women. Burials of ordinary Caddo persons included *personal items owned by the deceased* as well as large quantities of food placed with the body. That those materials placed with each deceased Caddo person were *personal items* and not *offerings* is important, and provides a factual basis for ownership of material culture items by the individual that is not rooted in assumption.

In a recent analysis of the Tuck Carpenter and Pine Tree Mound assemblages, I found support for the Caddo division of labor that I later leveraged in an argument for Caddo craft specialization (Figure 2). At these sites, there was a significant difference in mortuary assemblage size by sex, as well as male mortuary richness; in other words, not only did males possess more, but their holdings included a greater diversity of diagnostic types. Thus, while pursuing evidence in support of an argument for craft specialization, I found evidence of sexual inequality among the Caddo.

That same study asked whether the morphological attributes of diagnostic ceramic and lithic material culture items differed by sex, and found that ceramics did not, but lithics did. In other words, if ceramic manufacture was the domain of female potters, then females produced vessels for males that were morphologically consistent with their own. The arrow points found in male and female burials tell a different story. Stemmed arrow point shapes from male and female burials were found to differ, and while those found with males expressed similarities with the Bassett and Perdiz types, those from female burials did not. Unstemmed arrow point shapes from male and female burials were similar; however, both male and female arrow point shapes differed from the Maud, Talco, and Turney types. Thus, if lithic manufacture was the domain of male knappers, then males produced stemmed arrow point shapes for females that differed from their own, whilst manufacturing unstemmed arrow points to be morphologically similar.

CADDO BOTTLES

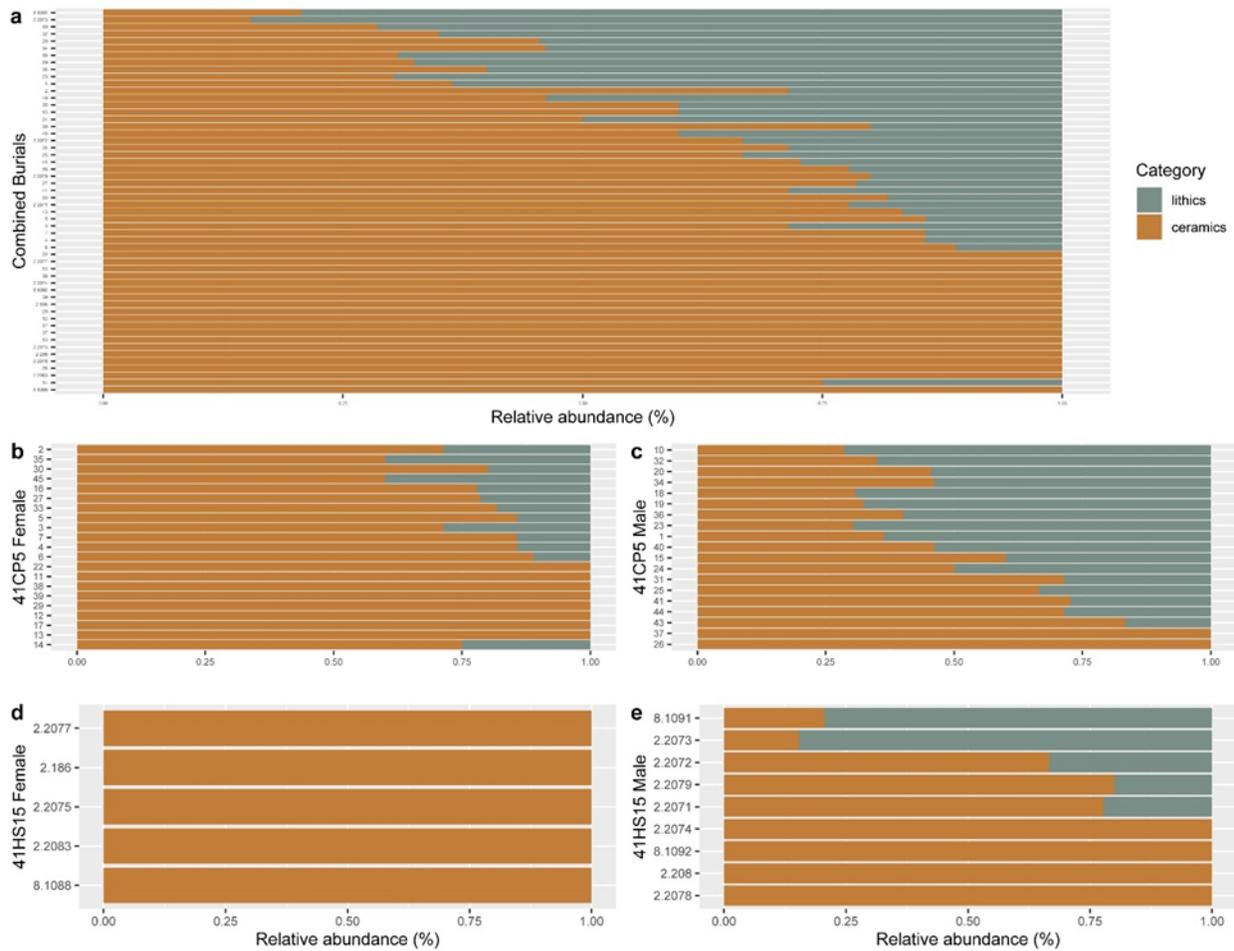


Figure 2. Relative abundance of ceramic and lithic diagnostics from individual burials ordered by seriation results for a, combined burials; b, 41CP5 female burials; c, 41CP5 male burials; d, 41HS15 female burials; and e, 41HS15 male burials. It is noteworthy that only male burials include lithic assemblages that exceed 50 percent of burial offerings.

Given that Caddo ceramics are understood to be a product of female manufacture, that they are morphologically consistent across male and female burials, and that each Caddo group incorporated unique ceramic shapes, the results of this morphological study will provide inference to variable social dynamics through the use of a material culture signal associated with Caddo females.

In addition to the analysis of morphological trajectories and diversity, the bottles will be used in an analysis of Caddo potter skill (Figure 3). The 3D scans will be used to identify the widest vessel profile (Figure 3a), which will be revolved around a central axis (Figure 3b), and superimposed with the scanned mesh (Figure 3c), where deviations can be calculated between the mesh and the surface model (Figure 3d). This process will provide analysts with an additional means of quantifying variable skill in Caddo ceramics.

(Continued on page 17)

(Continued from page 16)

CADDO BOTTLES

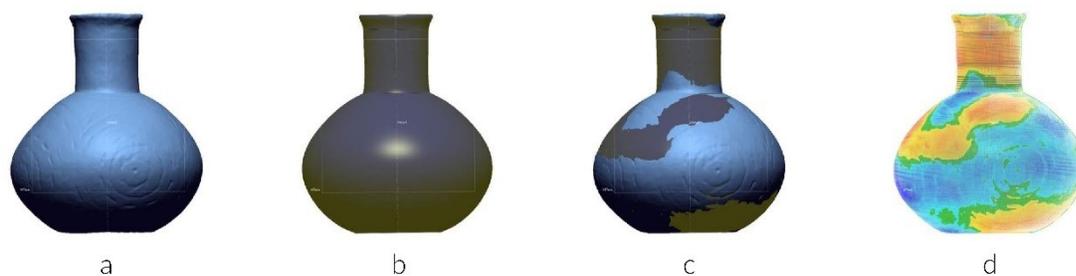


Figure 3. 3D mesh, a; surface model, b; superimposed mesh and surface model, c; and calculated deviations, d for LSEM-267 from Belcher Mound.

Since there is no precedent for an analysis of this magnitude in Caddo archaeology, I am excited about the potential. Using 3D data has allowed for aggregated analyses of Caddo bottles in ways that provide lasting benefits, which include the ability to shift analytical directions quickly. This stands in stark contrast with the practice of collecting traditional linear and orthogonal measurements, where subsequent data collection ventures would require a return to each repository to revisit the same specimens. Collecting data at a museum or repository is an involved undertaking, and includes scheduling, submission of new paperwork with new research designs, requests for permission related to access and data collection, new requests for letters of support from the Tribes, and additional sources of funding to cover time, travel, and access fees. For instance, if during an analysis of ceramic bottle shapes, I happen to realize that the angle of the attachment between the neck and body appear to be changing through time, I can immediately pursue that question upon completion of the current analysis, or run the two studies concurrently.

In collaboration with colleagues from SPARC at the University of Arkansas, we are also beginning work on a comparative analysis of Caddo bottles by adding a second large corpus of 3D bottles (Nodena) to the analysis from northeast Arkansas. This inter-culture-area comparison will undoubtedly increase the complexity and rigor of our analyses, while providing interpretive gains in ceramic studies that will have a substantial impact well beyond the ancestral Caddo area.

Acknowledgments

I extend my gratitude to the Caddo Nation of Oklahoma, the Caddo Nation Tribal Council, Tribal Chairman, and the Tribal Historic Preservation Office for their continued guidance and support of my work, as well as access to NAGPRA and previously repatriated collections. All 3D data collected for this study have been provided to the Caddo Nation of Oklahoma, and uniform color data for these projects will be made available in an open access format through the Open Science Framework and Zenodo at CERN following publication.

References cited

Cassaway, Lillian

1937 *Indian-Pioneer History Project for Oklahoma: Sadie Bedoka*. Submitted to Works Progress Administration, Washington, DC.

2023 TAS Academies: Registration is Open!

By David Yelacic

The TAS Academy Committee is putting together two informative and entertaining academies for the 2023 Academy Season: Rock Art Academy in El Paso and Hueco Tanks and Archeology 101 in Goldthwaite.

Rock Art Academy: February 25-26, 2023

The 2023 Rock Art Academy is a two-day session that explores regional rock art archeological sites, Mogollon archeological sites, and how investigators use rock art and material culture to interpret the human and natural histories of an area. Rock art can be used to elucidate past human-environment interaction and cultural influence. The instructor team includes experienced rock art specialists and specialists in Jornada Mogollon Culture. Mr. Myles Miller, Dr. Larry Loendorf, Mr. Mark Willis, and Ms. Margaret Berrier will instruct classroom sessions at the El Paso Museum of Archaeology and lead field sessions at Hueco Tanks State Park & Historic Site the weekend of February 25-26, 2023.



Archeology 101 Academy: March 24-26, 2023

The 2023 Archeology 101 Academy begins on Friday evening, March 24, 2023, and ends after lunch on Sunday, March 26th. This multi-day academy provides background information on the archeology of Texas, as well as methods for identifying and documenting archeological sites. It is the cumulative knowledge of the location of archeological sites in time and space that allow archeologists to piece together the larger puzzle, allowing us to gain a better understanding of the past—and the ability to add to data to the body of knowledge begins with the skills introduced in this academy. Dr. Jon Lohse will lead classroom instruction, assisted by Mr. Jimmy Barrera and Mr. Chris Meis, at the Legacy Plaza in downtown Goldthwaite. On Sunday Mr. Barrera and Mr. Meis will oversee the field investigations, with assistance from the North Texas Archeological Society, at the Clovis Field Site on the Barnett Ranch.

Previous archeological experience is not necessary to attend either of these academies. They will require participants to be active. Be prepared for hiking uneven surfaces at Hueco Tanks. Excavating units on hands and knees, and lifting heavy objects like buckets at the Barnett Ranch. Registration fees for each academy is \$100 plus a current TAS membership. Academies will include electronic files (e.g., manuals), lunches, snacks, and refreshments. Continuing Professional Education (CPE) credit is available for teachers as approved by the Texas State Board of Education Certification (SBEC).



Registration is open!

Please visit <https://www.txarch.org/Academies> for more information and registration.

SCHOLARSHIP OPPORTUNITIES ARE AVAILABLE! <https://www.txarch.org/TAS-Scholarships-Overview>

Photos provided by David Yelacic

Balancing the TAS Budget

Hello Texas Archeological Society Members and Friends,

On January 1st, the rates for Individual, Family, and Contributing memberships will increase and an optional fee will be introduced for those members who wish to receive a physical copy of the Bulletin of the Texas Archeological Society.

These changes have been made to address the increasing operational and program costs and were not taken lightly by the Board. Student, Society, and Institutional membership rates remain the same and print copies of the BTAS will be provided to Institutions, Fellows, Life Members, and authors at no additional cost. These increases were made to ensure that TAS can offer all current programs into the future and at an affordable rate while still meeting all financial and ethical obligations.

The proposed changes were presented by the Budget Committee and debated by the Board at the September meeting. The draft budget which included these increases was discussed at the business luncheon and passed by a vote of the membership in October.

Please contact president-elect Diedre Hood with any questions or concerns at Tas-president-elect@txarch.org.

Point of View

The Cost of Balancing the Budget

From Eric Schroeder, Publications Editor

For 93 years the Bulletin has been touted nationwide as a premier example of scientific research that all archeological societies strive to copy, and as such it remains our Society's primary means of strategic communication, targeting not only external but also internal audiences as well. It is this internal audience, the membership, that I wish to alert to the fact that as of January 1, 2023, if you are not an Institutional, Fellow, or Life Member you will have to pay an extra \$30 on top of the membership fee to receive a printed copy of the Bulletin. This all came about due to some much-needed belt tightening with regard to how we as an organization appropriate and spend funds, and I believe that many good decisions came of it, but going after our traditional, and much lauded after means of strategic communication is, in my opinion, a bad move, principally because it disincentivizes and devalues our organization's only tangible commitment to the publication of archeological research not only to our external and more professional audience, but internally among those members who tend to purchase the lower-end membership categories. Yes... these membership levels will give you access to download a copy of the Bulletin, but be honest, who doesn't enjoy getting something concrete in the mail, seeing and touching the glossy cover, the graphics, thumbing through the pages, and the smell of fresh ink. Cognitive science says that if you want a message to stick with your audience you need to attack as many of the senses as possible. Telling most of our membership to just view or download the Bulletin from the website is an extremely poor way to reinforce our organization's most important message. I ask you...in an environment of unprecedented destruction of archeological sites globally and in the face of billions of dollars being made in the illicit trade of antiquities, is now really a time for our organization to dial back our strategic messaging?

If you feel as I do about this, I encourage you to contact our President-Elect, Diedre Hood, at Tas-president-elect@txarch.org and cc me at eric5chro3d3r@gmail.com to express your concerns. Also, reach out to other members, because not all of us take the time as you do to read the newsletters.

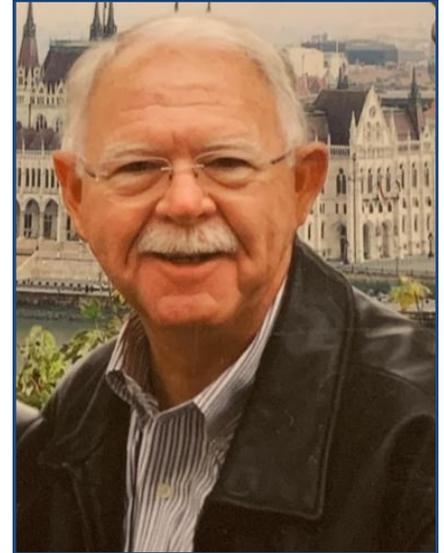
In Memoriam

Steve Stoutamire

8/21/1950—11/24/2022

From Becky Shelton :

It is with heavy hearts that we share the following news from Mike with HCAA. Steve was a dear friend and mentor to many avocational and professional archeologists and a delightful person to work with in the field. His contributions to Texas archeology were invaluable and we will miss him very much.



Steve Stoutamire, age 72, of San Antonio Texas, passed away on 11/24/2022.

He is survived by his beloved wife Nancy; his two children, Courtney and Bryan; his mother, Jonnie Stoutamire; his sister Charlotte Pickels, and numerous nieces, nephews and cousins.

Steve was born in Quincy, Florida to Paul and Jonnie Stoutamire on 8/21/1950.

He received a BA in Anthropology from Florida State University in 1972 and an MS in Geology from Texas Tech University in 1975. During a 32 year career in the petroleum industry, he held technical, business and managerial positions in both domestic and international operations.

Steve retired to a ranch in the Texas hill country in 2007, where he raised three longhorns and several steers. He was an active avocational archeologist and educated the public through teaching classes and giving archeology lectures. He was also a member, past president and field committee chairman of the Hill Country Archeological Association, a member of the Texas Archeology Society, and The Center for the Study of First Americans. He served as the chairman of the board of the Gault School of Archeological Research UT Austin. He also served as a Texas Archeology Steward for the Texas Historical Commission.

He began his "second retirement" in San Antonio in April of 2022, and enjoyed his time there until his passing.

The family is planning memorial services to be held in Kerrville, TX and Quincy, FL after the first of the year.

Published by Houston Chronicle December 4, 2022.

From Tom Hester :

Steve's untimely and sudden passing is a tragedy. He was an active member of the HCAA, had published in the BTAS, the HCAA journal, and presented a paper at the Tyler meeting. He and Mike McBride led the CWR excavations in Kerr County, along with HCAA members. That site is a very important one. A St. Mary's Hall component is present at that site, meticulously excavated, recorded, and analyzed. It has one of the only 2 dates for St. Mary's Hall, at 10,300 years ago.

It is with great sadness that I acknowledge the Stewards program email, and add some of what I know about Steve's contributions to Texas archaeology. Steve epitomized membership in the Stewards.

In Memoriam

Louis Aulbach

7/12/1948 - 12/28/2022

Louis Frederick Aulbach was born on July 12, 1948 to Charles Edward Aulbach and Hildegard Laurretta Cox in Houston, Texas and passed away on December 28, 2022 in Houston. He was a true native son of Texas and of Houston. Louis attended All Saints Catholic School in the Houston Heights, graduated from St. Thomas High School in the class of 1966 and from Rice University in 1970. He continued his education, receiving Master of Arts and Master of Business Administration degrees from the University of Chicago after which he “got back to Texas as quick as he could”. His long professional career in information and records management included tenures with several companies in Houston, culminating in his 18 years as records manager for the City of Houston. He also served proudly in the Texas Army and Air Force National Guards.

Following his retirement from the City of Houston in 2008, he pursued his real passions – writing, digging up the history of Texas with the Houston and Texas Archeological Societies, paddling the rivers of Texas with the Houston Canoe Club, hiking in the Big Bend area of Texas with his children and his “posse” and protecting the historical and archeological resources of Texas as a member of the Texas Archeological Stewards Network. Louis joined the TASN in 2014, and during his 8 years of service to the Texas Historical Commission, he was awarded the Norman Flaigg Certificate of Outstanding Performance in 2015 and 2017, and the Norman Flaigg Honorable Mention in 2016, 2018, 2021 and 2022.

Louis also served on the board of directors of the Houston Archeological Society for several years and was most recently the editor and publisher of the society’s Journals and Reports. For his dedication to the society and its goals, he was honored as a distinguished Lifetime Member of the Society. He also took an active role in the society’s archeological excavations including those at San Felipe de Austin, Frost Town in Houston, the San Jacinto Battlefield, the Kellum-Noble House, and several other sites around Houston. His efforts resulted in important and lasting contributions to the preservation of historical and archeological sites in Houston. He also attended several weeklong archeological field schools across the state with the Texas Archeological Society. He was an active member of the Houston Canoe Club and served in the past as the club’s purser (treasurer)

and led many trips for the Canoe Club down the Rio Grande River, the Pecos, the Devils and on Buffalo Bayou.

Louis was past president of the Harris County Historical Society and a former member of the Harris County Historical Commission. During his tenure on the Commission he wrote several of the markers designating historical sites in the City of Houston.

Louis was the author of sixteen books including five on paddling the Rivers of West Texas including the Rio Grande, the Pecos and the Devils rivers, a hiking guide to Big Bend Ranch State Park, several on the history of Houston including Buffalo Bayou: An Echo of Houston’s Wilderness Past, two on the history of Camp Logan, a WWI training facility built to house 45,000 soldiers in the area of what is now Memorial Park in Houston, and his most recent guidebook highlighting 25 archeological and historical sites along what is now Buffalo Bayou entitled The Buffalo Bayou Greenway. He and his co-author Linda Gorski also wrote a series of 6 walking guides to ancient archeological sites in Rome and Ostia Antica entitled “Rome in Ruins”.

Along with his passion for history was his love for his three children, Rachel, Stephen and Matthew. Not long after they were taking their first steps, Louis brought them into the wilderness. The trio was present on many of his expeditions down the rivers of Texas.

Louis is survived by his three children Rachel Aulbach Garcia (Laurence), Stephen Aulbach (Maggie) and Matthew Aulbach (Amanda) and seven beloved grandchildren, Luther, Sullivan (Sully), Laurel, Declan, Annie, Hudson and Travis. He is also survived by his brother, Charles, his sister Laurretta Wallace and numerous nieces and nephews.

The family requests that donations be made to the Houston Archeological Society, P. O. Box 130631, Houston, Texas 77219-0631. Please put “Louis Aulbach” in the comment part of the check.



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The Texas Historical Commission's Real Places 2023 conference will take place both virtually and in person, in Austin, February 1–3. Presented by the Friends of the Texas Historical Commission in partnership with Phoenix I Restoration and Construction, LLC, Real Places is the premier historic preservation and heritage tourism event in the Lone Star State, where anyone interested in protecting our past can work directly with industry-leading experts to learn practical, actionable solutions they can apply in their community.

The packed schedule features about 45 workshops and sessions, 100 expert speakers from across Texas and the U.S., five keynote sessions, and several fun networking events. Recordings will be available to all attendees, whether joining online or in person, so you'll be able to watch the great presentations you missed due to concurrent sessions.

Discounts are available for students and organizations registering multiple people at the same time.

Learn more and sign up at realplaces.us



Funding for organizational expenses has been provided to the Texas Archeological Society from the National Endowment for the Humanities (NEH) as part of the American Rescue Plan (ARP) Act of 2021.



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The Texas Archeological Society promotes knowledge and preservation of Texas archeology. The Society encourages: * scientific archeological exploration and research * the preservation and conservation of materials and sites * and the interpretation and publication of the data attendant thereto.

Ethics

Members of TAS must abide by all terms and conditions of the TAS Bylaws and all Federal and State antiquities laws or regulations. TAS does not condone the practice of buying and selling artifacts for commercial purposes. TAS does not condone the disregard of proper archeological research techniques or the willful destruction or distortion of archeological data.

I accept the invitation to join and agree to support the mission of the Texas Archeological Society.

Please note our newsletter is now available in digital format only and is available on the TAS Website under the Our Voice tab.

If you wish to pay by credit card, please join or renew online at http://www.txarch.org

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