



## September 17th 2015 Meeting Program “Drones in Archeology” – Ryan Baker, CEO of Arch Aerial LLC



Here's a question for all you archeological techies out there. As drones become more and more commonplace in the public domain, how can archaeologists use UAS (unmanned aerial systems) technology to their advantage in a way that is not only useful for publicity at the end-state of an excavation, but utilitarian for future researchers? Ryan Baker, CEO of Arch Aerial LLC, will discuss this topic at the Thursday, 17<sup>th</sup> September, 2015 meeting of the Houston Archeological Society. The meeting will lift off at 7:00 p.m. at MD Anderson Hall, University of St. Thomas and is free of charge and open to the public.

Ryan Baker has worked as a geospatial and aerial specialist at the Poggio Civitate Archaeological Project in Central Italy, the San Giovenale Tomb Survey near Rome, and the Programme for Belize Archaeological Project and will discuss these projects during his talk. He will also provide a basic introduction to drone technology, progress through a few different use cases

for the application of unmanned aerial systems, and discuss the best practices for researchers to employ when organizing aerial data after data collection is completed.

Arch Aerial LLC, is a company that builds and operates multi-rotor UAS (unmanned aerial systems) as a FAA Section 333 Exempt company for professional surveying in tough environments. Since implementing the use of drones at archaeological excavations, Arch Aerial UAS have been adopted by production companies, vineyard owners, geologists, realtors, and sports coaches. Baker's work with Arch Aerial has been featured in Popular Science, Tech Cocktail, ESPN's Outside the Lines, Al Jazeera, and many others.

The September 17<sup>th</sup> meeting will also be the Annual General Meeting of the HAS and a new slate of officers will be elected. See the President's Message in this newsletter for more information.



For a campus map of St. Thomas University, go to [www.stthom.edu](http://www.stthom.edu) and look for the Interactive Map, Building 20, Anderson Hall. Street parking is available as well as paid parking (\$2) in Moran Center Garage at the corner of West Alabama and Graustark. For more information about this program or about the HAS, please contact [lindagorski@cs.com](mailto:lindagorski@cs.com).



## President's Message

HAS Members and Friends –

It's that time of year again! On Thursday, September 17<sup>th</sup>, 2015 at 7:00 p.m. we will hold our Houston Archeological Society Annual General Meeting and election of officers for 2016. Personally, I cannot believe that 2015 has whizzed by so fast and already it's time to gear up for a new year!

If you were at the August meeting you heard Dr. Elizabeth Coon-Nguyen, on behalf of the nominating committee that also included Sharon Menegaz and Dr. Margaret Coon, introduce the nominees for the 2016 Board. They are:

Linda Gorski – President

Louis Aulbach – Vice President

Bob Sewell – Secretary

Tom Nuckols – Treasurer

Larry Golden – Director-at-Large (three year term)

(We have two Directors-at-Large who are completing three year terms – Mike Woods and Kathleen Hughes)

When asked by the nominating committee to serve again, Louis, Bob, Tom and I agreed, and I think I speak for all of us when we say thanks for the confidence that the nominating committee has expressed by nominating us. But nominations from the floor will be accepted at the meeting! We hope you will be there on September 17<sup>th</sup>, 2015 to raise your hand and your voice and take part in the election process!

We will also present several well-deserved awards to HAS members who have gone above and beyond in 2015. A good turnout at this meeting will ensure that these special folks get the attention and kudos they deserve from all of you. If there is an HAS member you would like to nominate for an award, please email me at [lindagorski@cs.com](mailto:lindagorski@cs.com) and I'll discuss it with our Awards Committee.

Finally, HAS will kick 2016 off with a bang (and I mean a BIG bang) as a sponsor of the 86<sup>th</sup> Annual meeting of the Texas Archeological Society here in Houston (see more information in this newsletter). This event will bring 350 – 400 professional and avocational archeologists from across the State of Texas together for a lively weekend of learning and leisure. Abstracts of the papers and posters that will be presented at the meeting are coming in - and they are all fascinating!! Our two keynote speakers are world renowned authors (Marilyn Johnson, author of *Lives in Ruins: Archeologists and the Seductive Lure of Human Rubble* and Dr. Jean Clottes, the world's leading rock art expert who will speak on Rock Art and Tribal Art in India). You will not have to travel far to be part of this terrific annual meeting as it will be held at the Omni Hotel on Houston's Westside (Eldridge at I-10). We will need lots of volunteer help before and during the event so please let me know if you are available that weekend and we'll put you to work! We have posted lots of information about the TAS Annual meeting on the HAS website at [www.txhas.org](http://www.txhas.org).

See you at the September meeting!

*Linda Gorski, President Houston Archeological Society*

# Minutes

## Houston Archeological Society Membership Meeting

### August 20th, 2015

#### Welcome everyone (Linda Gorski)

Welcome New Members and guests. 60 members and guests were signed in.

#### Treasurers Report (Tom Nuckols)

Checking Account: \$9230.06 Savings Account: \$11,943.14

#### Membership (Linda Gorski for Bob Sewell)

Number of members renewed/joined for 2015 is 178. Membership forms at back. All new and renewing members get a bumper sticker and a copy of the newest HAS Report and Journal.

#### New Business

#### Nominating Committee

Elizabeth Coon-Nguyen announced the proposed director nominations for 2015/2016. They are: Linda Gorski (President), Louis Aulbach (Vice President), Tom Nuckols (Treasurer), Bob Sewell (Secretary), and Larry Golden (Director-at-Large).

#### Lab Report

Larry Golden will conduct a workshop on 'Determining the Age of Bottles' at the lab on 24<sup>th</sup> August, 2015.

#### Projects

**Cotton Field Site – Saturday and Sunday, August 22 and 23** – Tait Huffmeyer Ranch, Columbus, Texas.

**Wednesday, August 26 - Kellum Noble House screening project** –We have been asked to give a lecture at the Heritage Society on August 26 about the project. Beth Aucoin and her team of Charlie Gordy and Tracy Connell have processed 10,283 artifacts and will display many of them at this program.

**PALEO Dig, August 22** – Ken Thies reports that a 12 foot mammoth tusk has been uncovered along with other artifacts. See sign-up sheet in the back if you would like to participate.

**2015 TAS Field School – June 13 – 20, 2015.** Tait-Huffmeyer Ranch Columbus Texas – work was conducted at the Cottonfield and Bluff sites. Kid's field school was at Tait House in Columbus. A crew from THC Stewards/HAS worked at San Felipe. Unfortunately, field school was shortened by TS Bill. However, Cottonfield site has been left open for further work over the next year.

**Elysian Viaduct/Frosttown Project** – Survey phase of this project has been completed with many foundation features discovered as Doug Boyd discussed last month. Dates have not yet been announced for data recovery stage but should start this fall.

**TAS Annual Meeting** – October 23 – 25 Houston – HAS will be regional sponsor and we will need lots of help. Anyone who would like to submit items for the Silent Auction should contact Sue Gross [suegbobs@comcast.com](mailto:suegbobs@comcast.com).

**HAS Journal** – Reminder that Journal #134 is now available.

**Program for August** - Dr. Tom Williams discussed 'Comparisons between Solutrean and Clovis Blade Technology'

After the meeting members and guests gathered for a social with refreshments brought by many of our members.

The next HAS meeting is scheduled for Thursday, September 17th, 2015.

*Bob Sewell, Secretary Houston Archeological Society*

# 86<sup>th</sup> Annual Texas Archeological Society Meeting, October 23 – 25, 2015

## Omni Hotel-Westside, Houston, Texas



The event will bring 350 – 400 of the top professional and avocational archeologists in the State of Texas to Houston for workshops, papers, symposia and posters on archeological and historical subjects starting on Friday afternoon, 23<sup>rd</sup> October 2015, and continuing all day Saturday, 24<sup>th</sup> October 2015. The complete schedule of presentations will be posted on TAS ([www.txarch.org](http://www.txarch.org)) and HAS ([www.txhas.org](http://www.txhas.org)) websites.

The Second Annual TAS Book Festival sponsored by the Journal of Texas Archeology and History brings world-renowned authors to Houston including Marilyn Johnson *“Lives in Ruins: Archeologists and the Seductive Lure of Human Rubble”*; Wilson W. “Dub” Crook III, *“The Late Prehistoric of the East Fork”*; Andrew Hall, *“Civil War Blockade Running on the Texas Gulf Coast”*; Dr. Mike Waters, *“The Hogeye Clovis Cache”*; Harry Shafer, *“Painters in Prehistory: Archaeology and the Art of the Lower Pecos Canyonlands”*; Diana M. Greenlee, *“Poverty Point: Revealing the Forgotten City”*; Wes and Jace Tunnel, *“Pioneering Archeology in the Texas Coastal Bend”*; Myriam Archangeli, *“Sherds of History, Domestic Life in Colonial Guadeloupe”*; and Dr. Jean Clottes, *“Des Images pour les Dieux. Art rupestre et Art tribal dans le Centre de l’Inde”*, (Translation: Images of the Gods: Rock Art and Tribal Art in Central India.) Schedule of authors book signings will be posted shortly on both the TAS website at [www.txarch.org](http://www.txarch.org) and the HAS website at [www.txhas.org](http://www.txhas.org)

The Silent Auction will feature numerous exciting items including hotel stays provided by Hyatt Corporation, Houston Texans football tickets (and a Texans Cheerleaders calendar ☺), handmade items with an archeological theme including a beautiful stained glass window, wooden items, jewelry and other accessories, archeological books and reports, vintage and antique ceramics and glassware, and other treasures. See the following page on the HAS website for a preview of the items [http://www.txhas.org/tas\\_annual\\_meeting\\_2015\\_silent\\_auction.html](http://www.txhas.org/tas_annual_meeting_2015_silent_auction.html). To donate items contact Silent Auction Chairman [suegbobs@comcast.net](mailto:suegbobs@comcast.net)

Friday night Public Forum (free of charge and open to public) will feature a presentation by Marilyn Johnson, author of the best-selling book *“Lives in Ruins: Archeologists and the Seductive Lure of Human Rubble”*. Johnson is also the author of a recently published article in Smithsonian Magazine highlighting the excavations of the graves of four leaders of the Jamestown Colony. <http://www.smithsonianmag.com/smithsonian-institution/new-archaeological-research-jamestown-reveals-identities-four-prominent-settlers-discovery-180956028/?no-ist>. The Public forum will be followed by free artifact identification by professional archeologists and experts.

The grand finale for the weekend is the Saturday night banquet featuring Dr. Jean Clottes, who will present a program on *“Rock Art and Tribal Art in India”*. For information on Dr. Clottes research see [http://www.bradshawfoundation.com/india/central\\_india/index.php](http://www.bradshawfoundation.com/india/central_india/index.php)

Online and mail in registration forms can be found at <http://www.txarch.org/Activities/AnnualMeeting/am2015/>

Block rooms for TAS meeting are available at the Omni Hotel, I-10 at Eldridge Road, Houston, at \$105 per night Thursday, Oct. 22 – Sunday, Oct. 25. For reservations click on <http://www.omnihotels.com/hotels/houston-westside/meetings/texas-archeological-society-86th-annual-meeting>

For information contact Linda Gorski, co-chairman, at [lindagorski@cs.com](mailto:lindagorski@cs.com) or 713-557-1496



## Texas Historical Commission Stewards Meeting – 15<sup>th</sup> August 2015

The Texas Historical Commission's Texas Archeological Stewardship Network met Saturday, August 15th, 2015, in Austin and we are proud to announce that FOUR members of the Houston Archeological Society (who are also TASN stewards) won the coveted Norman G. Flaigg Award for Outstanding Performance for the period February 1, 2014 - January 31, 2015. Louis Aulbach, Linda Gorski, Tom Nuckols and Sandy Rogers were all recognized for their efforts to record, monitor and preserve archeological sites in Texas and to educate the public about archeology in the Lone Star State.

Jeff Durst, THC Regional Archeologist, presented the awards. Here's what he said about our folks.



**Louis Aulbach, Harris County:** Louis has been very active with research on the Camp Logan WWI Training Camp located in and around what is today Memorial Park in Houston. Over the past few years Louis has been instrumental in locating and recording several of the Camp Logan ruins as State Antiquities Landmarks. In 2014 Louis co-authored a book on the history of Camp Logan with co-authors Linda Gorski and Robbie Morin. Besides his activity with the Camp Logan project Louis stayed very busy this past year with his involvement in numerous other projects in and around the Harris County area. During the past year Louis contributed 434 hours of service and traveled over 3,700 miles. We thank you Louis for your outstanding contribution to the TASN.

**Linda Gorski, Harris County:** As the president of the Houston Archeological Society Linda stayed extremely busy with a large number of projects during the course of the past year so I'll try to just hit the high points. Along with her running buddy Louis Aulbach, Linda has been very active with the Camp Logan project and was instrumental in garnering SAL status for several ruins related to the camp and in co-authoring the definitive book on Camp Logan. She was also instrumental in organizing HAS members to screen several large dumpsters full of soil that had been removed from beneath the historic early Kellum-Noble homestead located in downtown Houston during a foundation stabilization project. During the past year Linda also organized a group of HAS members to screen a large push pile of dirt that had been removed from the town site of San Jacinto. As with many other TASN members Linda was heavily involved with the TAS field school this summer and continues to help with the work related to closing down the field school excavations. Linda contributed a whopping 857 hours of service and traveled over 6,500 miles. Linda, thank you for your amazing service to the TASN.



(cont.)

## Texas Historical Commission Stewards Meeting – 15<sup>th</sup> August 2015 (cont.)

**Tom Nuckols, Harris County:** During the past 12 months Tom has been very active with a wide variety of projects taking place in the Houston area including working at the Kellum Noble house, the San Jacinto town site, the field school project at the Tait Ranch, and the field school project at San Felipe de Austin. Tom has also been an active member in the search for the illusive site of Champ d' Asile in Liberty County as well as spending countless hours in research and analysis of early arms and especially ballistics. Tom contributed over 700 hours of service and traveled over 5,000 miles during the past year. Tom, thank you so much for the awesome work you do in representing the TASN.



**Sandra Rogers, Walker County:** Sandy contributed 375 hours to the Stewardship Network and logged 4186 miles traveled. Sandra has assisted public agencies with both public outreach and archeological field work and has been active in providing her knowledge and assistance to landowners and private individuals. She has also kept very active in investigating and recording sites and attending educational events conducted throughout the archeological community. Sandra's dedication and service on behalf of archeological outreach, education and assistance, is a credit to the TASN Network.

**WAY TO GO TEAM!!!**

# Notes on Munitions - .40-82 Winchester Center Fire Cartridge

## By Tom Nuckols

The in depth analysis of the artifacts from the former Town of San Jacinto, Larry Golden Collection continues. Here's the latest, a .40-82 caliber, Winchester-center fire rifle cartridge. This cartridge was also known as the .40-82 Winchester or the .40-82 W.C.F.



Barnes (2006: 141) states that the .40-82 was introduced in 1885 and was popular enough to make the transition from black gun powder to the smokeless gun powder era, circa 1895. It was loaded up to 1935.

My first impression upon seeing this cartridge was that it was a misfire. However, the primer is not firing pin imprinted. Someone made an unsuccessful attempt to remove the bullet from the case by using two pairs of pliers; one pair gripping the case, the other gripping the bullet. This endeavor exposed a portion of the bullet below the crimp groove. The crimp groove is just below the knurled cannellure.

**Catalog #:** 026.

**Case material:** Brass.

**Case type:** Rimmed, bottleneck.

**Bullet type:** 265 grain, lead flat nose with two knurled cannellures.

**Primer type:** #1 oval (surface shape) brass.

**Headstamp:** W.R.A. Co .40-82 W.C.F . (note that the final period is offset)

**Manufacturer:** The Winchester Repeating Arms Company, Hew Haven, Connecticut.

**Loading variant<sup>1</sup>:** Winchester offered the .40-82 cartridge in two loading variants. "A" or "B". Based on the headstamp's lettering size and configuration and illustrations in Shuey (2003: 35), this particular cartridge is variant "B". "B" was offered in eight loading configurations; "A", twenty-seven.

**Used in these firearms:** The Winchester Model 1885 High Wall Single Shot Rifle (1885-1920) and the Winchester Model 1886 Lever Action Repeating Rifle (1886-1935).



### REFERENCES

Barnes, Frank C.

2006 *Cartridges of the World, 11<sup>th</sup> Edition*. Gun Digest Books, Iola, WI.

Shuey, Daniel L.

2003 *W.R.A. Co., Headstamped Cartridges and Their Variations, Volume II*. WCF Publications, Rockford, IL.

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Variant – Loading variations in the components that make up a particular caliber of center-fire cartridge, such as bullet style or weight, gun powder charge or powder type (black or smokeless) primer size, etc. Variants are identified by the manufacturer in several ways, especially via the headstamp; the size of letters or numbers, punctuation, periods or placement of periods or hyphens.

## HAS Journal Articles 1959-2014 Now Indexed

### Wilson W. Crook, III

Charter HAS member William (“Bill”) Moore has taken it upon himself in a great labor of love to index every article ever published in *The Journal* by author and by county referenced in each paper. These indexes now are available on the HAS website under “Publications” on the page of Historical Newsletter and Journals. The indexes cover every publication from the organization’s beginning in 1959 through 2014 (Journal Issue #133).

While the HAS has traditionally focused on the upper Gulf Coast in terms of research interest, it is interesting to note that papers published in *The Journal* over the last 55 years have covered archeological topics in 79 of Texas’ 254 counties (31%). Thus *The Journal* is not just a regional publication but one which truly covers State-wide topics of archeological interest and research.

Over the last 55 years, a total of 545 archeological papers have been published in *The Journal*, including a number by noted Texas archeologists such as Britt Bousman, C. K. Chandler, Tom Hester, Tim Perttula, Harry Shafer and Alan Skinner. Nearly 100 lead authors have submitted material for *The Journal* and an almost equal number of junior authors. However, no one has contributed as much to the published knowledge of the Texas Gulf Coast as HAS legend, Leland Patterson. Leland’s 179 *Journal* papers is a record that likely will never be equaled. To put Leland’s accomplishment in perspective, only nine HAS members have been the lead and/or secondary author on 10 or more papers. These include:

Leland Patterson	179
Joe Hudgins	61
Bill McClure	57
Alan Duke	48
Sheldon Kindall	19
Wilson “Dub” Crook	16
Dick Gregg	15
Hubert Merwhinney	11
William “Bill” Moore	11

In terms of an archeological archive, the articles in *The Journal* contain a treasure trove of information on sites, artifacts, radiocarbon dates, etc. – all of which is freely available to the public on the society website. The Houston Archeological Society is the recognized leader among Texas regional archeological societies, and the quality of the content of the professional papers in our *Journal* is just one of the reasons why.

# *Texas Archeology Month*

The Sam Houston Memorial Museum  
invites the public to join us for a presentation:

## **San Jacinto Town Site**

Artifacts from the Larry Golden Collection (1832-1915)

**Tuesday, October 6, 2015**

**Exhibit Reception 6:00 p.m.**

**Presentation 7:00 p.m.**

**Katy & E. Don Walker, Sr. Education Center**

1402 19th Street, Huntsville, Texas

***Free Admission***

The San Jacinto Town Site was located at Lynch's Ferry near the San Jacinto Battleground. The town was established in the 1820's and demolished in the 1900 hurricane. The site was part of an escape route used by Texians involved in the Runaway Scrape as well as a Civil War armament site. Linda Gorski, President of the Houston Archeological Society, and Larry Golden, owner of the collection, will be discussing the history of the town and the incredible artifacts, dating from the 1840's to 1900, that have been discovered, including clay pipes, jewelry, bottles, and buttons. A special one night exhibit of artifacts from the Golden Collection will be on display.



Clay Pipes



Hair Ornament

**For more information contact Sandra Rogers at 936-661-9882.**

[www.samhoustonmemorialmuseum.com](http://www.samhoustonmemorialmuseum.com)

Sam Houston State University

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## Next Excavations at Cotton Field Site Scheduled for September 26 and 27, 2015

As most of you know, thanks to our terrific landowners, Rita Tait and Ed Jackson, we are continuing work at the Cotton Field site at the Tait-Huffmeyer Ranch in Columbus, Texas, that we began during TAS Field School 2015. The Cotton Field site, located in Colorado County, offers the ideal conditions for studying the Late Prehistoric period, spanning both the Austin phase (ca. 700AD-1200AD) and the subsequent Toyah phase (1150AD-1500AD) in Texas.

Our latest fieldwork weekend was held 22 – 23 August, 2015 and we continued to recover some amazing artifacts that are helping us better understand the site. Dr. Jason Barrett is directing the field crew and MaryBeth Tomka is handling the lab operations.

Our next work weekend at the site will be coming up 26 – 27 September, 2015. If you did NOT receive a “Save the Date” email from me on Friday, August 28, you are NOT on my list to receive information about this project. If you want to receive regular bulletins and emails about future work dates for the Cotton Field site email me back at [lindagorski@cs.com](mailto:lindagorski@cs.com) so I can add you to my list. You must be a member of TAS, HAS or one of the other regional archeological societies to participate in this project.

In the meantime, here are a few photos highlighting some of the artifacts recovered during our latest weekend of work. We’ll also be adding a photo album to our HAS webpage at [www.txhas.org](http://www.txhas.org) so you can follow progress at the Cotton Field site – even if you can’t be there in person.



*Linda Gorski*

## HAS Laboratory

As most HAS members know, when we dig at historic archeological sites we recover bottles. Lots of bottles. Lots of pieces of bottles. The big question is...how can we date those bottles and put them in context with other recovered artifacts?



*Larry Golden*

HAS member Larry Golden presented an informative workshop at the HAS lab at Rice University on 24<sup>th</sup> August, 2015, entitled “Determining the Age of Bottles”. Using a large number of bottles from his own collection, he discussed how molds and mold lines, pontil marks, whittle marks, lips and tops can help date a bottle. He also discussed colors of bottle glass and why bottles turn purple in the sunlight (answer: the addition of manganese from 1880 – 1920s to the glass) as well as the various types of mineral and soda bottles.

He finished his discussion with a presentation on shapes of ink bottles and the reason for tactile embossing on medicine bottle. He also handed out a 43-page workbook which included most of the information he discussed in his presentation. Larry has set the bar high for future workshops!



*Gus Costa examines a pontil mark*



*Youngest HAS member Vincent Ferruzzo shared bottles from his own collection*



*Linda Swift examines a bottle*

There will be no lab on 14<sup>th</sup> September, 2015. The Fall lab schedule will be reduced to accommodate busy schedules with TAS and other Archaeology Month activities. Lab will meet on 28<sup>th</sup> September, 2015, for a mini-workshop on Fish Zooarchaeology led by Rice University Postdoc researcher Dr. Eren Quintana-Morales.”

*Dr. Gus Costa*

## HAS Receives Book Donation From Family Of Frank Brezik, Jr.

HAS recently received a generous donation of 10 boxes of books from Joan and Bob Connor, sister and brother-in-law of longtime HAS member Frank Brezik, Jr. Frank passed away in 2006, but before his death he was an avid avocational archeologist and participated in just about every survey, excavation and project that HAS was involved in while he was a member. Like many of us, he also kept everything ... including every HAS newsletter, Journal and Report that he had received during his lifetime. All of these HAS publications were among the books that Joan and Bob donated in his memory. The very best part of this is that Frank had held onto many of the newsletters and Journals that were missing from the HAS library when Louis Aulbach and Bob Sewell started loading all our publications on the HAS website. So thanks to Frank and his family we now have a much more complete collection of HAS publications to share with you (see <http://www.txhas.org/newsletter-archive.html>).



*Frank Brezik Jr.*

Here's a little about the man that some of you may have known and worked with in the field. Frank was Born in La Grange, Texas on August 12, 1935 and passed away on February 20, 2006. He lived his entire life in Houston, Texas, growing up in the Heights and then in the nearby Brooke Smith subdivision. He graduated from the University of Houston with a degree in Electronics and found a job with Schlumberger Well Services as an Electronics Technician. He excelled at his job which he held until his retirement after 42 years of service. Frank also served his country for many years as a member of the Air National Guard achieving the rank of Staff Sergeant.



*Bob and Joan Connor*

According to his sister Joan, “Frank was a true renaissance man - interested in everything from model airplanes to model trains and repairing antique clocks. As a long-time member of the Houston Archeological Society (45 plus years) he went on many “digs” with the group.”

A portion of Frank's book collection including many archeological site reports, will become part of the HAS library. A good number of the volumes will be donated to the Silent Auction at the 86<sup>th</sup> Annual Texas Archeological Society meeting to be held here in Houston 23 – 25<sup>th</sup> October, 2015. We look forward to seeing you there!

**Houston Archeological Society**  
**Monthly Meeting Programs for 2015/2016**  
**7:00pm Third Thursday of every month (except June)**  
**M. D. Anderson Hall, St. Thomas University**

**October 15** – Dr. Jon C. Lohse, [A Precise Chronology of Middle to Late Holocene Bison Exploitation in the Far Southern Great Plains](http://jtah.org/2014/12/04/a-precise-chronology-of-middle-to-late-holocene-bison-exploitation-in-the-far-southern-great-plains/) Recent studies of the presence of bison in parts of Texas during prehistoric times has produced a fairly precise, reliable chronology for this animal. This study has involved directly dating bison remains, rather than dating them through their association with other materials, using techniques that help ensure the reliability of dates based on bone collagen. So far, about 65 samples have been dated. As a top-ranked food resource, bison would have been very important for hunter-gatherers across the area. Lohse's recent article on the subject can be found at <http://jtah.org/2014/12/04/a-precise-chronology-of-middle-to-late-holocene-bison-exploitation-in-the-far-southern-great-plains/>

**November 19** – Dr. Charles A. Stewart – [The Archaeological Ghosts of Gothic Famagusta](#). In this presentation, Dr. Stewart, will describe the growth of Famagusta, which remains one of the best preserved “Gothic cities” in the world. He will specifically share his archaeological investigations of the cathedral called “Saint-George of the Greeks” and how it was transformed from a humble Byzantine church to a grand French-style Gothic Cathedral.

**December 17** – HAS president Linda Gorski will present an overview of HAS activities in 2015 with a focus on the enormously successful emergency salvage archeology project at the Kellum Noble House as well as ongoing work at San Jacinto, San Felipe de Austin and other sites in southeast Texas.

**January 21, 2016** – Wilson W. “Dub” Crook - [Kingwood's First Inhabitants: The Timber Fawn Clovis Site \(41HR1165\)](#). In November, 2014, HAS member Lenore Psencik was walking through new house construction in the Rivergrove sub-division of Kingwood when she noticed a complete Clovis blade sticking out of a fresh spoil dump. Her discovery led to a salvage archeological effort by HAS members which ultimately recovered a total of 24 diagnostic Clovis artifacts, including the bases of two Clovis points and parts of eight blades. The discovery marks the first Clovis occupation in Harris County (other than isolated finds of points). XRF analysis shows that many of the chert artifacts originated in the Edwards Plateau region near the famous Gault site, thus showing the possibility that Timber Fawn and Gault are related.

All **Houston Archeological Society** meetings are free of charge and open to the public. For more information about HAS visit our website at [www.txhas.org](http://www.txhas.org) or email [lindagorski@cs.com](mailto:lindagorski@cs.com). You can also join our Facebook page at <https://www.facebook.com/groups/123659814324626/>

Note: Please submit articles for publication to *The Profile* Editor Bob Sewell at [newsletter@txhas.org](mailto:newsletter@txhas.org). Submit articles no later than September 25th for the October 2015 issue.

**FOR MORE INFORMATION ON ARCHEOLOGY IN THIS AREA, CONTACT THE FOLLOWING:**

**HAS BOARD MEMBERS**

**Linda Gorski**, President, [president@txhas.org](mailto:president@txhas.org)

**Louis Aulbach**, Vice President, [vpresident@txhas.org](mailto:vpresident@txhas.org)

**Tom Nuckols**, Treasurer, [treasurer@txhas.org](mailto:treasurer@txhas.org)

**Bob Sewell**, Secretary, [secretary@txhas.org](mailto:secretary@txhas.org)

**Kathleen Hughes**, Director-at-Large, [dal\\_b@txhas.org](mailto:dal_b@txhas.org)

**Don Keyes**, Director-at-Large, [dal\\_c@txhas.org](mailto:dal_c@txhas.org)

**Mike Woods** Director-at-Large, [dal\\_a@txhas.org](mailto:dal_a@txhas.org)

**TEXAS ARCHEOLOGICAL SOCIETY**

**Don Keyes**, Region V Director, [keyes\\_don@hotmail.com](mailto:keyes_don@hotmail.com)

**AREA TEXAS HISTORICAL COMMISSION ARCHEOLOGY STEWARDS**

**Elizabeth & Pat Aucoin**, [ekpj.aucoin@prodigy.net](mailto:ekpj.aucoin@prodigy.net)

**Louis Aulbach**, [lfa1@att.net](mailto:lfa1@att.net)

**Bob Crosser**, 281-341-5251

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