



May 21st 2015 Meeting Program

“Mano a Mano: A Study of Ground Stone Tools” by Wilson “Dub” Crook

The Houston Archeological Society’s Thursday, May 21<sup>st</sup> meeting will be the third in a series of programs by HAS member Wilson W. “Dub” Crook highlighting archeological excavations on the East Fork of the Trinity River. In this presentation Dub will discuss manos and metates, how they were used by prehistoric Texans, and the surprising amount of information that can be gained by studying them. The meeting begins at 7:00 p.m. at MD Anderson Hall at the University of St. Thomas and is free of charge and open to the public.

Manos and metates are consistent components of the artifact assemblage of most Late Prehistoric sites. They are typically associated with grinding grain, such as maize, to make flour. However, a great deal more information can be obtained by analyzing these often overlooked stone tools. Using the East Fork manos and metates as an example, Dub Crook will demonstrate the type of information that can be gained from an analysis of ground stone tools.



*Farmersville Manos (left) and Branch Hematite Staining (right)*

Mr. Crook and his long-time field partner, Mr. Mark D. Hughston, have been working on exploring and redefining the Late Prehistoric occupation along the East Fork of the Trinity and its tributaries for the past 42 years. This has resulted in the publication of 36 individual and joint papers on the area to date with another 7 submitted for publication. Their book on redefining the Late Prehistoric cultures along the East Fork is also due out this May.

Dub Crook has traveled extensively, starting his adventures as a child. His father was Wilson W. Crook, Jr., who was past President and Fellow of the Texas Archeological Society. As a result of his father’s lifelong interest in archeology and paleoanthropology, Dub grew up going to and working on archeological sites all around the world. While his archeological research has focused primarily on the Upper Trinity River watershed, he has also worked on sites in West and Central Texas, New Mexico, Nevada, California and Virginia, as well as several international locations. He is a Life Member of both the Houston Archeological Society and the Dallas Archeological Society, and is a member of the Texas Archeological Society, of the Center for the Study of the First Americans, and a Life Member of the Gault School of Archeological Research. He is also a Fellow of the Leakey Foundation which focuses on research on the origins of man around the world.

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 –

The Houston Archeological Society – and that means YOU – received a very special honor recently. The Heritage Society at Sam Houston Park held its annual volunteer awards ceremony on Sunday, April 12, and presented a Certificate of Appreciation to the HAS in recognition of our work on the Kellum-Noble House Emergency Salvage Archeology Project. Emily Ardoin, Buildings Curator at the Heritage Society (far right in the photo below), who worked hand in hand with us shoveling and screening dirt for weeks on end, presented the award to representatives from HAS who attended the ceremony.

The Kellum Noble House project began in mid-December 2014 when HAS was asked to screen dirt that had been removed from the interior of the Kellum Noble House during a massive foundation restoration project. We were notified about the project on Wednesday, December 10 and by Saturday morning, December 13, we had mobilized almost 40 members of HAS and every piece of equipment we could lay our hands on to shovel and screen dirt. In one weekend we screened an entire commercial size dumpster of dirt!!!



The project continued for several more weeks with an equally impressive turnout of members on each workday. We screened several dumpster loads of dirt plus numerous large mounds of dirt that had been piled around the perimeter of the Kellum Noble House. The contractors carefully piled the dirt by the room from which it had been removed, giving us some provenience for the artifacts that appeared in our screens.



The artifacts recovered during this project are nothing short of remarkable and have added immeasurably to the history the Kellum Noble House, the oldest masonry building on its original foundation in Houston. To date Beth Aucoin and her team have counted, cleaned, catalogued and are in the process of photographing the 10,283 artifacts that were recovered from the site!!!

And you'll have a chance to see photos of many of those artifacts in August! The Houston Archeological Society has been asked to give a presentation on the Kellum Noble House Emergency Salvage Archeology Project at the Heritage Society's prestigious Building Arts Lecture on August 26, 2015 at 7 p.m. Mark your calendars now and watch for more information in the coming months.

Finally – I cannot thank members of HAS enough for your splendid participation in this project. Yet again, you are enjoying statewide recognition in the archeological community for a job extremely well done! Way to go team!

Any questions please email me back at [lindagorski@cs.com](mailto:lindagorski@cs.com). And thanks for your support of HAS!

*Linda Gorski, President Houston Archeological Society*

# Minutes

## Houston Archeological Society Membership Meeting

### April 16th, 2015

#### Welcome everyone (Linda Gorski)

Welcome New Members and guests. 56 members and guests were signed in.

#### Treasurers Report (Tom Nuckols)

Checking Account: \$7829.31  
Savings Account: \$11953.14

#### Membership (Bob Sewell)

Number of members renewed/joined for 2015 is 166, including 31 new members joining this year.

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

Vote on changes to HAS Membership Categories – TABLED until further notice.

#### Audit Committee Report (Tom Nuckols)

The Audit Committee consisting of Louis Frey, Larry Golden, and John Lumb has completed the 2014 Audit. No issues were identified.

#### San Jacinto Symposium

April 18<sup>th</sup>, 2015 - HAS has prepared an exhibit of Larry Golden artifacts for the Patron's party and Symposium funded through donation from Chevron/Mike Lemen.

#### Projects

**Kellum Noble House screening project** – HAS received award from Heritage Society for project. So far Beth Aucoin and her team have processed approximately 10,300 artifacts! HAS has been asked to give a lecture at the Heritage Society on August 26 about the project.

**Paleontology Dig** – Postponed due to weather

**San Jacinto Screening project** – As soon as the rain stops and the site dries out we will begin screening again.

**Elysian Viaduct/Frosttown Project** – Still in permit phase. Work has started on the north side of Buffalo Bayou. The project we will be helping with is on the south side of the Bayou.

**Preliminary Fieldwork for 2015 Field School** – Depending on weather, work will begin on April 19 and other dates in May and June have been scheduled.

**July 4<sup>th</sup> celebration at Cypress Top Historic Park** - Saturday, July 11. HAS will have a table and will discuss archeology with participants. Good relaxing fun!

**Science Teachers from across the State of Texas** - Monday, July 13 — Sharon Menegaz

**TAS Field School** - June 13 – 20, 2015 at the Tait Huffmeyer Ranch in Columbus.

**TAS Annual Meeting** – October 23 – 25 in Houston. HAS will be regional sponsor and we will need lots of help. SILENT AUCTION ITEMS. Local Arrangements Committee held its first meeting last week.

#### Program for May, 2015

Dub Crook will present the 3<sup>rd</sup> part in his trilogy on archeology on the East Fork of the Trinity River. The program is entitled "Mano a Mano" and will discuss ground stone tools including mans and mutates.

#### Program for April, 2015

Unfortunately, Jan Devault was unable to be at the meeting. However, an excellent last minute presentation was given by Larry Golden and Linda Gorski that discussed some of the artifacts that Larry and his father had collected in the sixties from the mudflats at the old town site of San Jacinto.

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, May 21st, 2015.

*Bob Sewell, Secretary Houston Archeological Society*

## Larry Golden Collection: Notes on Munitions (Mystery Shot Shell)

By Tom Nuckols

As stated in last month's article, I am in the process of analyzing the munitions artifacts that comprise the former Town of San Jacinto, Larry Golden Collection. I've almost completed the analysis and the munitions artifact count is now 54.

One artifact thought to be a lead muzzle-loading bullet, turned out to be an ovoid shaped rock. It was discarded. Two additional munitions artifacts were found while the HAS was preparing the artifacts for display at the Battle of San Jacinto Symposium held in April.

The 54 munitions artifacts divided by categories are:

Lead buckshot ( $n=5$ ), Spherical muzzle-loading lead bullets ( $n=9$ ), Lead musket balls ( $n=4$ ), Lead minié balls<sup>1</sup> ( $n=5$ ), Center-fire cartridges ( $n=2$ ), Lead cartridge bullets ( $n=3$ ), Shot shells ( $n=25$ ), Battery cupped primer<sup>2</sup> ( $n=1$ )

One artifact in the shot shell category, consists of only the brass base of what was probably once a 12 gauge, brass cupped, paper hulled shot shell (see photo right). I cannot identify the manufacturer. The head stamp consists of a patent date only: PATENTED SEPT 16 1862. This head stamp is giving me two problems.



1. I have never seen this type of head stamp; a patent date only. As far as I can determine, manufactures' either excluded a head stamp or, if a head stamp was used, it included some form of manufacturers' identification, such as the company name. My reference library dealing with books identifying shot shells hasn't helped, and I've searched the internet, using sites such as International Ammunition Association (<http://www.cartridgecollectors.org>) and Headstamp Database - Turtlefoot Headstamp Project (<http://www.headstamps.x10.mx/database.html>). An internet search for patent dates has not yielded anything.
2. The patent date is too early for a Boxer<sup>3</sup> primed center-fire shot shell.

If anyone can help me identify this shot shell, my Email address is [tnuckols58@att.net](mailto:tnuckols58@att.net).

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<sup>1</sup> Minié ball - A type of muzzle-loading spin-stabilized rifle bullet named after its co-developer, Claude-Étienne Minié, It came to prominence in the Crimean War and American Civil War.

<sup>2</sup>Battery Cup - A flanged metallic cup used in a shot shells primer assembly that provides a rigid support for the primer cup and anvil. The battery cup primer was patented (US 1541437 A) June 9, 1925 by George W. Schauerte and John Olin and assigned to the Western Cartridge Company of East Alton IL.

<sup>3</sup> The center-fire cartridge evolved with the invention of the Berdan and Boxer primers. The Berdan primer, patented on March 20, 1866, is named after its American Inventor, Hiram Berdan. The Berdan primer's anvil is formed internally from the case in the bottom of the primer pocket. The Boxer primer was invented by Edward Boxer of the Royal Arsenal, Woolwich, England, and patented on October 13, 1866, and in the U.S. on June 29, 1869. The Boxer primer contains its own anvil pressed into the cup. The two primer systems are not interchangeable, and only Boxer primed cartridges are reloadable. In England and throughout most of the world, center-fire cartridges use Berdan primers. In the U.S., Boxer primers are used.

## Update on Henderson Yoakum Home Site By Sandy Rogers

Graduate students in the Sam Houston State University Public History class participated in a hands-on assignment during the spring semester. They were recruited by me to assist the Sam Houston Museum in conducting an archeological survey of the Henderson Yoakum home site in Walker County. The goal of the survey was simple: find the footprint of the ca. 1850 cabin.

Since receiving a Centennial marker in 1936, the H.K. Yoakum home had disappeared, and the site had become a jungle. After clearing the site of underbrush, Coastal Environments, Inc. volunteered the services of Douglas Mangum and Bryan Haley who conducted a magnetometer survey of an area we hoped would include the two story dog run cabin.



*l-r: HAS members Douglas Mangum, Sandy Rogers, Steve Salyer, and Don Keyes*

THC stewards Don Keyes and Steve Salyer volunteered their time to instruct students in excavation techniques, screening and shovel testing. Students also participated in a lab at the Museum for cleaning and documenting the items retrieved from the site. It was a great learning experience for the students of history, and each of them will share specific elements of the survey with visitors at the Sam Houston Folk Festival in May.

As to our goal, we located and excavated the cabin's two fireplaces which will help us to locate the four corners of the cabin with certainty in the future. A more in depth excavation of the site is planned for the future. For those of you who need a refresher, Henderson King Yoakum is remembered as the first Texas historian publishing his two-volume

"History of Texas from its First Settlement in 1685 to its Annexation to the U.S. in 1846" in 1855. Yoakum and Houston visited the San Jacinto Battlefield sometime before the publication of his book which he wrote in the upstairs office of the cabin with a trunk of Sam Houston's papers at his side. From this visit Yoakum drew up his famous "San Jacinto Battleground" map.

Yoakum graduated from West Point in 1832 and in 1836 served under Edmund Gaines near the Sabine River. He was a member of the Tennessee Senate from 1836-45 and relocated to Texas after his service. In addition to serving in the Mexican War under Jack Hayes, he also wrote the charter for Austin College (Huntsville) where he established the state's first law school and served as one of the first directors of the Texas State Penitentiary. He died in 1856 while visiting his good friend Judge Peter W. Gray in Houston and is buried a few feet from Sam Houston in Oakwood Cemetery, Huntsville.

*Sandy Rogers*



## TEXIAN CAMPAIGNE TRANSFERWARE

### A KELLUM NOBLE POTTERY SHARD

During salvage screening at the Kellum Noble House (The Heritage Society) a pottery shard of Texian Campaigne Transferware was found in screenings from Room 2. The shard has a partial back stamp cartouche and a partial front scene. The cartouche, however is missing the makers mark, so dating it will be the widest possible range of 1838 – 1856.

Texian Campaigne Transferware was introduced by James Beech of Tunstall, England around 1838. The pattern has approximately 13 different battle scenes showing soldiers dressed in Napoleonic type uniforms as opposed to the Texans rough and ready style; however none of the scenes depict any Texas battles. The borders show Ceres the Greek Goddess and war trophies of Drums and Draped Flags. Texian Campaigne comes in six different colors red, blue, green, purple, brown and black. It was also produced in a variety of serving pieces, including plates, pitcher, platters, soup tureens, cups and saucers, etc.

James Beech's pieces are marked "J.B." at the base of the back stamp, and production continued until 1844-1845. In 1845, Thomas Walker took over Beech's Tunstall works and continued the "Texian" production until 1852-1853. Walker's transfer ware will be marked "T.W." or "T. Walker," also at the base of the cartouche. Anthony Shaw acquired Walker's copper pattern plates in 1853 and continued production until 1856. Shaw's pieces will be marked "A. Shaw" at the base of the back stamp.



*Complete examples of James Beech's back stamp and front view*

There have been two recent production runs of Texian Campaigne: (1) Blue 10" dinner plates produced by Mottahedeh and sold by the "Dallas County Heritage Society." These are clearly marked as such on the back. (2) The "Friends of the Governor's Mansion" introduced a set for use in the Governor's Mansion, with a limited number being sold to the public. They were also made by Mottahedeh and are clearly marked "Made in England for Friends of the Governor." All of these recent production pieces have the original "Texian Campaigne" back stamp, as well. There are collections in Houston area museums for viewing: the San Jacinto Monument, The Heritage Society in Houston, and the Bayou Bend Collection (with over 100 pieces).

*Larry Golden*

# AN UPDATE ON THE TIMBER FAWN CLOVIS SITE: PRELIMINARY X-RAY FLUORESCENCE ANALYSIS RESULTS

Wilson W. Crook, III

The majority of the lithic artifacts (19 of 24) collected to date from the Timber Fawn Clovis site in Kingwood, Harris County, are made from chert. Many of these artifacts have the same coloration and UV response as chert from known Central Texas Clovis locations such as the Gault (41BL323) site in Bell County. To test the possibility of interaction between the aboriginal inhabitants of Timber Fawn and Central Texas, all of the chert artifacts have now been subjected to trace element geochemical analysis using X-Ray Fluorescence (XRF). The analysis was conducted on March 5 of this year at the laboratory of the Gault School of Archeological Research on the campus of Texas State University.

Historically, archeologists have been challenged in sourcing chert due to the combination of its largely monomineralic character, the destructive nature of many geochemical analytical techniques (wet chemistry, X-Ray powder diffraction, Neutron Activation analysis, etc.), and the complex trace element chemistry of cherts. Archeologists have had considerable success in using XRF analysis to source obsidians using a basic 7-9 trace element profile (Shackley 2011). However, when the same technique has been applied to the more complex geochemistry present in cherts, XRF analyses have had mixed success (Gautier et al. 2012). As a result, Williams and Crook (2013) adopted a much larger, multi-element approach based on the techniques developed for Laser Ablation analysis as developed by Speer (2014). This more complex multi-element approach was applied to the Timber Fawn chert artifacts.

The preliminary results of the XRF analysis are shown in Table 1. As can be seen, 15 of the 19 chert artifacts can be definitively sourced to the Edwards Plateau. Of these, 10 have a possible match to cherts in and around the Gault site, 5 are possibly from the Callahan Divide area on the northern edge of the Edwards Plateau, and 4 are from sources outside the Plateau. Thus there appears to be a connection between the Clovis peoples of Central Texas and the aboriginal inhabitants of the Timber Fawn site.

**Table 1**  
**Preliminary X-Ray Fluorescence Results on Cherts from the Timber Fawn Clovis Site, Harris County, Texas**

<b>Artifact</b>	<b>Source</b>	<b>Possible Region</b>
Clovis Point #1	Edwards Chert	Callahan Divide
Clovis Point #2	Edwards Chert	Gault Area
Blade #1	Edwards Chert	Callahan Divide
Blade #2	Edwards Chert	Gault Area
Blade #3	Edwards Chert	Callahan Divide
Blade #4	Edwards Chert	Gault Area
Blade #5	Edwards Chert	Gault Area
Blade Fragment #1	Edwards Chert	Gault Area
Blade Fragment #2	Edwards Chert	Gault Area
Blade Fragment #3	Edwards Chert	Gault Area
Large Biface	Edwards Chert	Callahan Divide
Adze	Non-Edwards	Hot Springs, AR (?)
End Scraper #1	Edwards Chert	Gault Area
End Scraper #2	Non-Edwards	Unknown
End Scraper #3	Non-Edwards	Unknown
Worked Flake #1	Edwards Chert	Callahan Divide
Worked Flake #2	Non-Edwards	Unknown
Worked Flake #3	Edwards Chert	Gault Area
Worked Flake #4	Edwards Chert	Gault Area

(Cont.)

(Cont.)

In 2013, Williams and Crook (2013) analyzed 231 Clovis age chert artifacts from 37 sites across Texas using the XRF technique described above. A major north-south movement of Edwards Plateau chert was observed to the east of the plateau along the Blackland Prairie biotic province. A second possible trend to the east (to Polk County) and then to the southeast (to McFaddin Beach) along the Gulf Coast was suggested. The geochemical results obtained from the Timber Fawn site fits within this second trend and helps to potentially establish a second directional movement of Clovis age peoples across Texas.

Gauthier, Giles, Adrian L. Burke and Mathieu Leclerc

2012 Assessing XRF for the Geochemical Characterization of Radiolarian Chert Artifacts from Northeastern North America. *Journal of Archeological Science*, 39: 2436-2451.

Shackley, M. S.

2011 An Introduction to X-Ray Fluorescence (XRF) Analysis in Archeology. In *X-Ray Fluorescence Spectrometry (XRF) in Geoarcheology*, edited by M. S. Shackley, pp. 7-44. Springer, New York.

Speer, Charles A.

2014 Experimental Sourcing of Edwards Plateau Chert using LA-ICP-MS. *Quaternary International* 342:199-213.

Williams, Thomas J. and Wilson W. Crook, III

2013 Geochemical Analysis of Primary Chert Outcrops from the Edwards Plateau: A Methodological Approach for the Use of pXRF in Material Sourcing. Paper presented at the 84<sup>th</sup> Annual Meeting of the Texas Archeological Society, October 25-27, Del Rio.

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## **Lab Dates for May - July 2015**

**May:** No lab meetings are scheduled for Monday, May 11th, due to a scheduling conflict, or on May 25th since that is Memorial Day.

**June:** As in past years, no HAS meeting or lab nights in June due to the 2015 TAS Field School scheduled for June 13-20 in Columbus. Many of our members are actively involved in the before and after jobs and projects necessary for a successful field school and many other members will be in attendance.

**July:** Mark your calendars! Lab nights resume and work is scheduled for Monday, July 13th and 27th, 7-9 p.m. in Room 103, Sewall Hall, Rice University. Check the July issue of the Profile for additional information.

After 26 years as Lab Director, Melissa May, has announced that she wishes to stand down. The HAS Board would like to thank her for her dedication and hard work over the years. The HAS Board would like to welcome Dr. Gus Costa, Adjunct Professor in the Anthropology and Earth Sciences Department at Rice University, and HAS Member, as the new Lab Director.

## San Jacinto Symposium 17-18 April, 2015

The Houston Archeological Society celebrated San Jacinto Day last month by putting together an exhibit for the San Jacinto Battleground Conservancy's annual Patron's Party and Symposium, displaying artifacts recovered by the Larry Golden family in the 1960s from the mudflats near the former town site of San Jacinto. The town site adjoined the San Jacinto Battlefield and many of the artifacts recovered date to the period of the Battle of San Jacinto. The town site was occupied from the 1820s through about 1900, and was also a gathering site for Texians fleeing during the Runaway Scrape in 1836 as well as the site of a Civil War army in the 1860s.

HAS member Larry Golden and his family recovered these artifacts during "blue northers" in the 1960s when the winds blew the tide out and the mudflats were exposed (the area is now completely underwater). Fortunately for us, they cleaned and preserved these artifacts, some of which date back to the Battle of San Jacinto including a Mexican Army "6" button, several Texian Army buttons, coins dating as far back as 1829 and other items, plus numerous buttons, buckles, knives and munitions from the Civil War period. When he was in the 8th grade Larry used these items for his Texas History project ... and won first place!!! Larry and his family have loaned the artifacts to us for this incredible exhibit. There is a complete article on this exhibit on the HAS website at [www.txhas.org](http://www.txhas.org).

We owe a big thanks also to HAS member Mike Lemen who facilitated a \$500 donation from his employer, Chevron Corporation, to underwrite this exhibit in honor of his great-great-grandfather, William Washington Hawkins who fought at the Battle of San Jacinto.



*Bob Sewell, Tom Nuckols, Larry Golden and Linda Gorski at the San Jacinto Symposium 17 -18 April, 2015*

Barbara Eaves, one of the organizers of the Patron's Party and Symposium sent this note expressing appreciation for the Houston Archeological Society's support of the events: *"Thank you for rallying the HAS to be such a big supporter of the Symposium. The exhibits were wonderful and the big grinning guys were terrific..." I'm tallying the evaluation forms, and HAS is mentioned more often than any group as being the source of info about the Symposium."*

Thanks to everyone who manned this exhibit over the San Jacinto weekend including Larry Golden, Bob Sewell, Tom Nuckols and Louis Aulbach (the "big grinning guys" referred to above) Larry Golden and I gave a presentation to the Houston Archeological Society in April on this exhibit and we've been asked to repeat this program for several other local groups. We'll also be presenting the program at the Texas Archeological Society's Annual Meeting on October 23 – 25 at the OMNI Westside here in Houston. Watch for details!

*Linda Gorski*



**Quilt Displays, Spinning, Knitting, & Stitching**



**Antique Trades and Tools**



**Free Hot Dog Lunch**

**The Cypress Historical Society  
Invites You to Our  
Seventh Annual  
Old-Fashioned Picnic**

**When:** Saturday, July 11, 2015  
**Hours:** 10:00am - 2:00pm  
**Where:** Cypress Top Historic Park  
**Cost:** Free to Members & Invited Guests



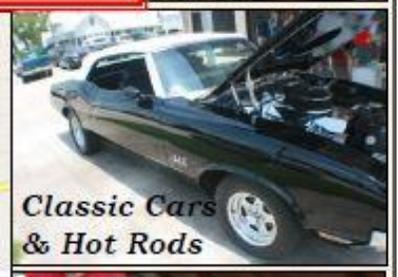
**Home-made Pies & Cakes**



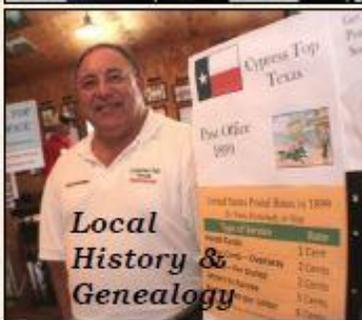
**Activities for Kids**



**Harris County Precinct #3  
Cypress Top Historic Park**



**Classic Cars & Hot Rods**



**Local History & Genealogy**

**For Information: Jim or Terri Sigmund  
281-373-9052 or JSigm@aol.com**



**Watermelon Contest**



**Sharecroppers Early Engines and Tractors**



**...and More!**



**Blue Grass, Accordion, and Ragtime Music**

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

**June** – No meeting – members will be attending 2015 TAS Field School at the Tait-Huffmeyer Ranch in Columbus, Texas.

**July 16** – Dr. Jason W. Barrett - Report on the 2015 TAS Field School at the Tait-Huffmeyer Ranch in Columbus, Texas. Dr. Barrett, will lead a program highlighting excavations and artifacts recovered at the Cottonfield and Bluff Sites at the Tait Huffmeyer Ranch and at the Tait House in Columbus. He will also report on the results of surveys to locate the Atascosito Crossing during field school.

**August 20** – Dr. Tom Williams researcher at the Prehistory Research Project (formerly the Gault Project) at Texas State University will present a program entitled Testing the Atlantic Ice Hypothesis: Comparing Solutrean and Clovis Blade Technology. This presentation focuses on the assumption of scholars that the blade manufacturing technologies of Clovis and Solutrean were “virtually identical”. Specifically focusing on Clovis in Texas, this presentation will explore the manufacture of Clovis blades across Texas and how this has contributed to the debate concerning the first Americans.

**September 17** - ArchAerial Team – How Drones are used in Archeological Applications. Drones, or unmanned aerial systems (UAS), are used in archaeology for small-scale and large-scale survey, documentation, and volumetric measuring of trenches and structures. UAS can be used to quickly and easily gather various types of data that can assist in finding new sites and measuring excavation progress throughout the dig season.

**October 15** – Dr. Jon C. Lohse, 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.

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/>

## Flem Rogers to speak at Fort Bend Archeological Society in July, 2015

For history buffs want to learn more about Civil War era Texas and firearms, the Fort Bend Archeological Society has a real treat. The July program will feature antique firearms expert, Flem Rogers, who will give a presentation on Dance & Brothers gun makers. Dance Brothers started to make handguns for the confederacy in 1862. Their first foundry was located in East Columbia, Texas. The foundry no longer stands, but Flem owns the property it stood on as well as the house that was built across the street. Flem will not only present the story of Texas' first handgun manufacturer but also discuss the archeology that has been undertaken in recent years. The meeting is on Tuesday, July 21<sup>st</sup>, 2015 at 7pm @ the Assembly Hall of the Gus George Law Enforcement Academy, 1521 Eugene Heimann Circle, Richmond, TX.

## Brazosport Archeological Society Presents – The Many Facets of the *La Belle*

When: Tuesday, May 12, 2015  
7:30 PM

Where: Brazosport Museum of Natural Science  
400 College Blvd, Clute, TX 77531

Brad Jones, Archeology Collections Manager of the Texas Historical Commission, will present a variety of topics related to the excavations and artifact collections of the *La Belle*.

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Note: there will be no *Profile* in June due to TAS 2015 Field School. Please submit articles for publication to *The Profile* Editor Bob Sewell at [newsletter@txhas.org](mailto:newsletter@txhas.org). Submit articles no later than June 26th for the July 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)

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

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

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#### TEXAS ARCHEOLOGICAL SOCIETY

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