



## Tarrant County Archeological Society

### President's Message

Accepting and approving scholarship applications is one of the fun duties of being on the TCAS Board of Directors. It is really gratifying that we are able to award scholarships to students and teachers via our Memorial Scholarship Fund. This is our third year to do so and I appreciate our members' generosity! We are funding six scholarships to the TAS Field School in June. The recipients are:

Lori Gouge - Department Chair, Physical Sciences Associate Professor of Geology, Weatherford College

Shelbi Burgett - TCC student

Ashley Green - TCC student

Andrea Johnson - TCC student

Laura Ridge - Weatherford College student

Barrett Stout - SMU student

We have asked these members to be present at this month's meeting so that you can "put a name with a face" and congratulate them in person. If you haven't yet registered for Field School, please do so you can get the opportunity to work with and pass on your archeological knowledge and skills to these folks. Registration is on-line



**Chris Meis, President**

at the TAS web site,  
[www.txarch.org](http://www.txarch.org).

I hope you got the chance to sign up for the La Belle shipwreck tour at the Bullock Texas State History Museum in Austin on May 20<sup>th</sup> conducted by Amy Borgens, THC State Marine Archeologist. The tour is now full. Admission fees have been waived for TCAS but I know any individual donations in lieu of admission fees will be welcomed. Catrina Whitley will be sending directions and parking information to those registered.

If you are unable to attend the TAS Field School in June, there is an opportunity to participate in Dr. Ashley Lemke's UTA field school being held May 15-30 on the

Way Ranch in San Marcos, Texas. All this fun comes with 3 hours credit in Anthropology, ANTH 4398. For more information, contact Dr. Lemke ([Ashley.lemke@uta.edu](mailto:Ashley.lemke@uta.edu)).

Our society will be having another work day at our on-going Newberry Cabin project in Parker County later this month. Once that date is announced, stop by and see what we have accomplished over the past year and encourage those members down there in the dirt.

The month of May also brings the team of Charles Koenig and Amanda Castañeda as our speakers on May 13<sup>th</sup>. Charles and Amanda are Project Archaeologists for the Shumla Archaeological Research & Educational Center. They will be discussing their extensive work over the past several years in the Lower Pecos Canyonlands of southwest Texas. More info is on Page 3 of this newsletter.

Kudos to Bret Williamson and Mike Shannon for providing refreshments at May's meeting. It is appreciated!

**Hope to see you at our meeting on May 10th.**

**Thanks for being a TCAS member and supporter!**

### Connect with TCAS!

**Facebook:** <http://www.facebook.com/TCAS-Tarrant-County-ArcheologicalSociety>

**Website:** [www.tarrantarch.org](http://www.tarrantarch.org)

**Email:** [info@tarrantarch.org](mailto:info@tarrantarch.org)

**TCAS meetings are open to the public! Visitors are always welcome!**

# In Memoriam: Laurie Moseley, III

By James Everett

On April 13, TCAS and TAS lost a valued and respected member of our archeological family when Laurie Moseley III passed away. Most of us knew about Laurie’s interest in and contributions to archeology, including serving as the President of TAS in 2008, as a crew chief for several TAS field schools, as President of the Parker County Archeological Society, and as a steward for the Texas Historical Commission. He was also active in the Westerners International organization.

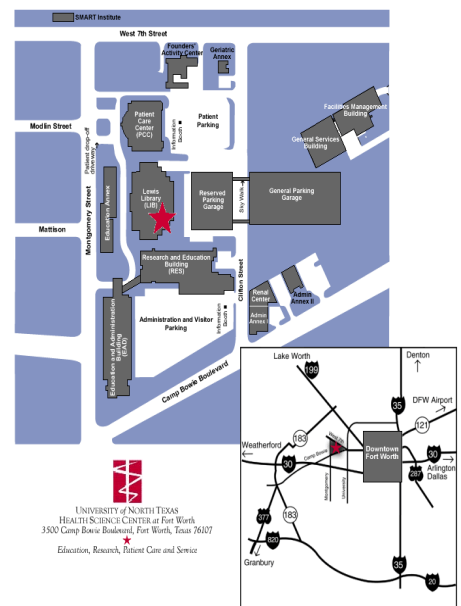
Those who attended Laurie’s funeral heard many endearing stories regarding Laurie’s roles as a husband, a father, a grandfather, and an educator and helping, caring leader of the Springtown and Glen Rose communities. We also saw evidence of his interest in hunting and of his support for the schools where he taught, the TCU Horned Frogs, and the Dallas Cowboys.

Laurie was a person of integrity and faith. Those of us who knew him benefitted greatly from that experience, and we will sincerely miss him. Our thoughts and prayers will be with Julia and the other members of Laurie’s family as they mourn his passing.

## Update your calendar: TCAS Monthly Meeting Speakers

<i>No TCAS Monthly Meeting in June</i>	<b>July 12th: TBA</b>	<b>August 9th: TBA</b>
	<b>September 13th: Brad Jones</b>	
	<b>October 11th: Jeff Durst</b>	
	<b>November 8th: Dr. Ashley Lemke</b>	

**TCAS meets at 7:30 p.m. on the second Thursday of each month (except June and December) at the University of North Texas Health Science Center (UNTHSC), 3500 Camp Bowie Boulevard, Fort Worth, in the Lewis Library Building, Room 110, near the intersection of Camp Bowie and Montgomery Street. Traveling west on I30 from downtown, take the Montgomery Street exit. Turn right on Montgomery and continue to the five-way intersection at Camp Bowie. Turn right onto Camp Bowie, followed by an immediate left onto Clifton Street. Continue on Clifton to Parking Lot “1” on your left (past the Parking Garage and Sky bridge). Park in the patient spaces (after 5:00 p.m.) and go past the information booth into the underground parking garage. Turn left down the corridor at the double doors in the center. Proceed down the hallway until you come to Room 110 in the Lewis Library building.**



## May Speakers: Amanda M. Castañeda & Charles Koenig

The **TARRANT COUNTY ARCHEOLOGICAL SOCIETY (TCAS)** will welcome Amanda and Charles as the featured speakers for the May 10th meeting. TCAS meetings are free and visitors are always welcome.



**Amanda** is a native Texan from San Antonio. She received her BS and MA from Texas State University, and has worked in the Lower Pecos Canyonlands since 2009. She is currently the Assistant Project

Archaeologist for Shumla Archaeological Research & Education Center. Amanda's archaeological research interests are hunter-gatherer lifeways, iconography and rock art, and ground stone technology.

**Title of Presentation:** Characterizing Hunter-Gatherer Ground Stone Bedrock Feature Variation in the Northeastern Chihuahuan Desert

**Abstract:** Ground stone bedrock features are common at archaeological sites in the Lower Pecos Canyonlands of southwest Texas. These features are human-made depressions pecked, ground, or worn into bedrock or large boulders, and were used for a variety of processing activities by the indigenous peoples. Although archaeologists in the region have informally recognized different "types" of ground stone bedrock features (e.g., slicks, grinding facets, deep mortars), there have been no dedicated studies of bedrock features. Due to their widespread occurrence in the region, bedrock features represent an untapped research avenue regarding the lifeways of Lower Pecos hunter-gatherers. Therefore, to gain a better understanding of these features, 824 bedrock features were mapped, documented, and analyzed at ten sites across the Lower Pecos. Structure from Motion (SfM) photogrammetry was utilized to map the bedrock features and provide high resolution three-dimensional data to gather metric measurements. Statistical analyses were employed to characterize the range of bedrock feature variation. This presentation discusses the potential implications of bedrock feature morphological variation and explores the role(s) these features played in Lower Pecos hunter-gatherer lifeways.

**Charles** is originally from Colorado, and received his BA from University of Colorado and his MA from Texas State University. Since 2008 Charles has worked in the Lower Pecos documenting rock art and excavating a variety of hunter-gatherer sites. He currently serves as the Project Archaeologist at Shumla Archaeological Research & Education Center, and his research interests include iconography, hunter-gatherer use earth ovens, and 3D modeling for archaeological documentation.

**Title of Presentation:** Unraveling and Learning from 10,000 years of Hunter-Gatherer Use of Eagle Cave

**Abstract:** Eagle Cave is one of the largest rock shelters in the Lower Pecos Canyonlands, and preserves an extraordinary record of hunter-gatherer lifeways spanning more than 10,000 years. From January 2015 through February 2017, the Ancient Southwest Texas Project of Texas State University re-excavated a 4-meter deep trench through the center of this massive rock shelter in order to document and sample the complex stratigraphy. Spanning 15 field months, we used continuous Structure from Motion 3D mapping as our primary documentation method while employing microstratigraphic excavation techniques and rigorous multidisciplinary sampling led by geoarchaeology to explore Archaic and Late Prehistoric features such as shallow pits, earth oven beds, and latrines. We also sampled previously unknown Paleoindian deposits containing surface hearths, butchered bison bone, decomposing fiber beds, and mammoth remains. This presentation summarizes our field interpretations and ongoing analyses from the 2015-2017 Eagle Cave investigations.





## New Project Plans for Johnson Plantation Cemetery

As many of you may remember, one of the more recent TCAS projects centered around the Johnson Plantation Cemetery in Arlington. Thanks to all of the TCAS members who volunteered your time and expertise to research the historic records to identify and locate the graves of those who are interred in this space. Those efforts have led to a new plan to preserve and protect the graves in this historic Cemetery, which is located in a very busy urban area of Arlington. Thanks to TCAS member **Bill Perdue**, who is serving as the TCAS representative, for this update.



The official name of the project is now “Arlington Heritage Cemeteries.” The project is a collaborative effort by the Arlington Historical Society, the City of Arlington, and the Tarrant County Commissioners Court. The cemeteries involved are all located at the same location: the original name of the cemetery was the Mill Creek Cemetery, later part of it was renamed the M.T. Johnson Family Cemetery, and later another section was named the Arlington African American Cemetery.

The ultimate aim of the project is to protect and restore the Cemetery and to provide some information about all the people who are buried there. The total cost of the project is estimated to be approximately \$100,000. Currently about \$44,000 of that has been committed. Target completion date is October of this year.

Some of the plans currently committed to, or being planned, are:

- ◆ an eight foot wrought iron fence around the entire property;
- ◆ a stele with the names of those who are known to buried there and those who are believed to be buried there;
- ◆ a list of the major donors and contributors to the project;
- ◆ small granite makers engraved with “unknown” at the known grave sites that have no other identifying markers; and
- ◆ signage posted to let visitors know the history of the cemetery and lighting and some additional security measures.

The TCAS contribution to the project has been recognized by our surveys, our testing with GPR, our scraping of suspected grave areas and the location of several grave shafts, and the work done by our members on the biographies of those who are buried there. I am currently working with several other individuals to try and confirm or eliminate names of individuals who may be buried there. I am also working with some of the older Black churches in the area to see if we can determine through their records where some of the early members of their churches may be interred. I will keep TCAS informed as to the progress of the project and if we can be of any further assistance. (Written by **Bill Perdue**)



## Welcome to new TCAS members!

Welcome to our newest TCAS members Janet Brammer and Laura Ridge. We're delighted that you have decided to join TCAS and look forward to getting to know you!

# Earth Day at Weatherford College: TCAS Outreach

*Katrina, thank you for all of your extraordinary efforts in putting together a display of artifacts and organizing (TCAS) volunteers for W.C.'s Earth Day activities. I appreciate you and your professional tenacity to go the extra mile.*

Lori Gouge

Thanks to TCAS volunteers Lloyd & Charlene Erwin, Gen Freix, Marvin Glasgow & Katrina Nuncio.

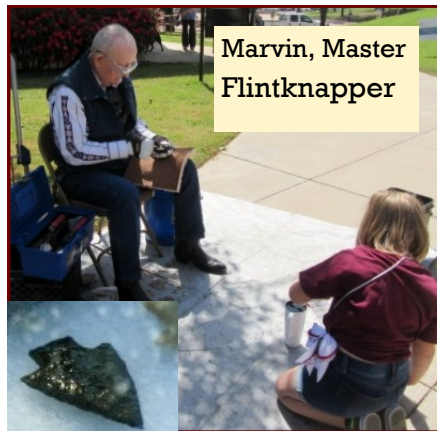


April 18, 2018

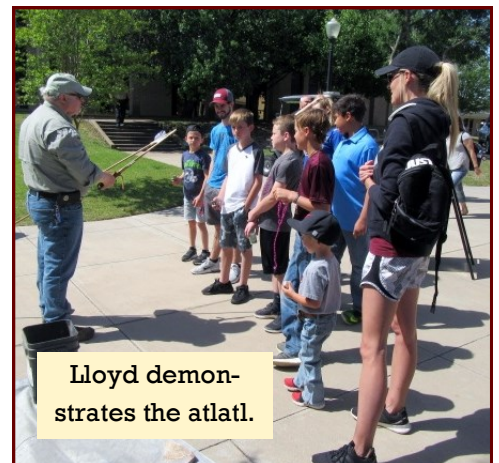
Katrina and student volunteer promoting archeology for all.



Artifact display courtesy of Gen & Lloyd. Marvin brought a frame filled with his beautiful points.



Marvin, Master Flintknapper



Lloyd demonstrates the atlatl.

## Collin County Arch Society Begins Reorganization

Congratulations to the Collin County Archeological Society! The group held a reorganization meeting on April 10th and is in the process of securing speakers and recruiting new members. For James Everett, TAS Region Three Director, who presented a program entitled "Coronado East of the Pecos," the meeting served as a mini-reunion with several of his own long-time friends from TAS. CCAS members Janis Allman and John McCraw are leading the rebuilding effort. If you know any potential members in the McKinney or Collin County area, James has contact info for the CCAS.



James (center, in the pink shirt) with members of the CCAS



Actual Spanish horseshoe nails from 1541 found at the Jimmy Owens Site. These belong to Jay Blaine.



## TAS Archeobotany Academy: Ancient Plants & Tools

TEXAS  
ARCHEOLOGICAL  
SOCIETY®



**Jack Johnson, the Park Archeologist at the Amistad National Recreation Area, creates friction for the fire. Thanks to Jack for showing us the tools and sharing his expertise.**

*Photo by L. Erwin*



**TCAS member Ona B. demonstrates proper form as she prepares to launch a modern version of the rabbit stick.**

*Photo by Gen Freix*

Congratulations to the TAS Academy Committee for assembling a dynamic two day seminar on Archeobotany at the Center for Big Bend Studies, Sul Ross State University in Alpine, Texas. Many thanks to Leslie Bush, Kevin Hanselka, Jennifer McWilliams, Tim Gibbs, Martin Terry, Holly Houghten, and Rick Quezada for sharing their expertise. Kudos to Jack Johnson (friction fire-starting and the art of crafting the rabbit stick) and Casey Wayne Riggs (making prehistoric sandals using plant materials) on mastering these ancient skills and providing hands-on opportunities for attendees.

TCAS members attending the Alpine event included the following: Diamond Barrera, Jimmy Barrera, Charlene Erwin, Lloyd Erwin, Gen Freix, Larry Galbiati, Katrina Nuncio, Ona B. Reed, Benny Roberts, Gena Roberts, Paula Vastine, and Cynthia Williams. Twelve cheers for TCAS!



**Yucca elata**

*Photo by C. Erwin*

**Field Trip: Chihuahuan Desert Nature Center & Botanical Gardens, Fort Davis, Texas. Thanks for inviting TAS!**

**Cacti, the Desert Willow, the Texas Madrone, and the Soap-tree Yucca, plus many, many more desert delights, are treasured here. Learn more at <http://www.cdri.org>**

# Reaching out: TCAS now on Twitter!!



Thanks to **Gen Freix**, the TCAS webmaster and TCAS Facebook guru, TCAS now has a Twitter account! You and your friends can now follow TCAS on Twitter. TCAS meeting info is now only a tweet away.



## Role of the Upper Trinity Watershed in the Peopling of the Americas Wilson W. Crook III



May 7th, Noon  
Heroy Hall Room 153

While generally not known, the Upper Trinity Watershed, and the area surrounding the Dallas metropolx, has played a significant role in determining the earliest human occupation of the state. In this presentation, Mr. Crook will discuss what it means to be Clovis, including the two distinctive lithic technologies (biface and core-and-blade) that help define the culture. He will review known Clovis behavioral traits such as caching, the symbolic use of red ochre, and recent discoveries of paleo art. With this as background, he will conclude with the known Clovis occurrences in the Dallas region and controversies surrounding older-than-Clovis finds.



Presented by the Archaeology Research Collections at SMU

←  
Dub Crook is speaking at SMU on May 7th and TCAS members are invited. Parking is available at Snyder Plaza.

→  
Note: An RSVP is requested for this SMU event and time to respond has been extended to May 4th. The invitation to TCAS comes from SMU Professor Sunday Eiselt ([seiselt@smu.edu](mailto:seiselt@smu.edu)). Parking is available in Q Lot.

## SMU Archaeology Research Bringing the Collections to Life

- Meet Student Curators
- Learn Dallas History and Prehistory
- Touch Texas Antiquities: from Paleoindian to Antebellum
- Explore 3D Artifact Scans

Hosted by  
Jane Anne Bryant '87

May 7 • 6 p.m.  
Dallas Hall  
3225 University Boulevard

Reception following

Complimentary parking in the Q Lot, 3225 University Boulevard  
Please reply by Tuesday, May 1 to Ryan Garrett  
[rmgarrett@smu.edu](mailto:rmgarrett@smu.edu) or 214-768-2608



# 2018 TAS Field School: Return to Nueces Canyon

CAMP WOOD, TEXAS, JUNE 9-16

**REGISTRATION DUE ON OR BEFORE MAY 26**

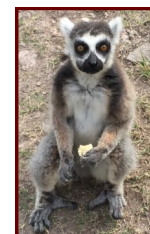
**\$10 LATE FEE PER REGISTRANT IF POSTMARKED AFTER MAY 26**

**T-SHIRT DEADLINE: RESERVE BY MAY 26th**

Registration available at <https://txarch.org/civcrm-event/188>

**From TAS:** The primary Field School excavation area will be at the Spanish Mission in Camp Wood on Texas State Highway 55, 40 miles north of Uvalde. Barksdale and the TAS campground are only three miles north of the mission. We will continue our work assisting Dr. Tamra Walter and her students from Texas Tech University with their research on the archeology of Mission San Lorenzo de la Cruz. Once again, we are being welcomed into the communities of Camp Wood and Barksdale and hosted by the Nueces Canyon Mission Restoration Organization.

*Note: Lemur sightings and encounters possible but not guaranteed. See Chris Meis for details.*



**TCAS: Preserving the Past for the Future**

**TCAS BOARD**

**Chris Meis**  
President

**Catrina Banks Whitley**  
Vice President - Projects

**Lloyd Erwin**  
Secretary

**James Everett**  
Historian

**Bryan Jameson**  
Vice President

**Dana Ritchie Parker**  
Treasurer

**Katrina Nuncio**  
Immediate Past President

**Gen Freix**  
Internet Chair

**Charlene Erwin**  
Newsletter Editor

**Three easy and quick ways to pay your 2018 TCAS dues!**

**By PayPal: Complete the Application Form and pay online using your PayPal account at the TCAS website, [www.tarrantarch.org](http://www.tarrantarch.org)**

**By mail: Complete the application below and mail it with your check to:  
Tarrant County Arch Society, PO Box 24679, Fort Worth, TX 76124**

**In person: Give your dues and completed application to Lloyd Erwin at the monthly meetings.**

May 2018

**TARRANT COUNTY ARCHEOLOGICAL SOCIETY (TCAS) MEMBERSHIP APPLICATION FORM**

Name(s) \_\_\_\_\_

**Type of Membership and Fee**

\_\_\_\_\_

New \_\_\_\_\_ Renewal \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_ Individual \$20 \_\_\_\_\_ \$10 USPS Mail Fee

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

\_\_\_\_\_ Family \$25 \_\_\_\_\_ \$10 USPS Mail Fee

Preferred Phone \_\_\_\_\_

\_\_\_\_\_ Student \$10 (**enrolled in grade school through college/university whose coursework is considered to be half time or more**)

Email Address \_\_\_\_\_

I want my newsletter delivered by \_\_\_\_\_ email or \_\_\_\_\_

\_\_\_\_\_ Contributing \$30 \_\_\_\_\_ \$10 USPS Mail Fee

by USPS mail. Thank you for choosing delivery by email.

\_\_\_\_\_ Optional Memorial Fund Contribution

Membership Term: January to December

**Code of Ethics (signature required):** I PLEDGE THAT I WILL NOT INTENTIONALLY VIOLATE THE TERMS AND CONDITIONS OF ANY FEDERAL, STATE, OR LOCAL ANTIQUITIES STATUTES CONCERNING CULTURAL RESOURCES OR ENGAGE IN THE PRACTICES OF BUYING OR SELLING ARTIFACTS FOR COMMERCIAL PURPOSES OR ENGAGE IN THE WILLFUL DESTRUCTION OR DISTORTION OF ARCHEOLOGICAL DATA OR DISREGARD PROPER ARCHEOLOGICAL FIELD TECHNIQUES. I UNDERSTAND THAT FAILURE TO FOLLOW THESE GUIDELINES WILL PROVIDE GROUNDS FOR EXPULSION FROM THE SOCIETY.

Signature \_\_\_\_\_

Date \_\_\_\_\_