

# Central Gulf Coast *Archaeological Society*



41 YEARS OF PROMOTING FLORIDA'S RICH HERITAGE  
CGCAS IS A CHAPTER OF THE FLORIDA ANTHROPOLOGICAL SOCIETY

## *Newsletter*

| OCTOBER 2020 |

### THURSDAY OCTOBER 12

### 7-8PM

## Lindsey Parsons

Department of Geology  
University of Georgia

Identifying the Effects of Climate Change on  
Prehistoric Scallop Harvesting in Tampa Bay



## Trevor Duke

Department of Anthropology  
University of Florida

Fancy Pots for Tough Times: Ritual  
Specialization in the Southeastern US



Be sure to register for our online lecture at:

<https://tinyurl.com/y2sqmvtu>

## October Speakers:

### **FANCY POTS FOR TOUGH TIMES: RITUAL SPECIALIZATION IN THE SOUTHEASTERN US**

C. Trevor Duke, PhD Candidate  
Anthropology Department, University of Florida

Abstract: Modern society is highly specialized. Most people spend years acquiring the skills necessary to become doctors, lawyers, teachers, etc., and thus depend on other specialists, like farmers or butchers, to meet their everyday needs. This type of interdependence is characteristic of state-level societies with centralized economies. Conventional wisdom tells us that hunter-gatherers are generally unspecialized, diversifying daily tasks to meet the needs of their household or village. On the contrary, archaeological evidence demonstrates that hunter-gatherer societies in the Tampa Bay region embraced different forms of pottery specialization. This presentation focuses on this observation to address a critical anthropological question: What motivates people in different societies to become specialists? I argue that the tumultuous times of the Late Woodland and Mississippian periods (AD 650-1550) created the need for a network of ritual specialists that served specific purposes for Native American communities across the Lower Southeast.

C. Trevor Duke is a PhD candidate in Anthropology at the University of Florida. His research focuses on how people use labor and objects to create social relationships. His dissertation research centers around developing new methods for investigating pottery specialization in small-scale societies.

### **IDENTIFYING THE EFFECTS OF CLIMATE CHANGE ON PREHISTORIC SCALLOP HARVESTING IN TAMPA BAY**

Lindsey Parsons, MA Student  
Geology Department, University of Georgia

The Calusa, a group native to southwestern Florida, left extensive shell mounds and kitchen middens throughout the region up to and including the 18th century. While oysters and hard clams are known food items for the Calusa, they also ate scallops, but little is known about this food resource. The purpose of this study is to determine if the Bay Scallop *Argopecten irradians*, found in midden deposits, provide key insights into Calusa resource use during the Medieval Warm Period and Little Ice Age climate anomalies (A.D. 850 – 1850). I focused on two localities, the Pineland Site Complex and Bayshore Homes that are both located on the Gulf Coast of Florida. I will use body size, taphonomy, and stable isotopic analysis of deposited shells to examine how climatic factors may have influenced the scallop as a food resource as well as harvesting behaviors of native communities.

Lindsey Parsons is a second-year master's student in the Geology Department at the University of Georgia. Her focus is interdisciplinary in nature combining the practices the paleontology and archaeology to understand the resource use of scallops by native communities along the gulf coast of Florida. Her project is being funded by the Alliance for Weedon Island Archaeology Research and Education, Inc. (AWIARE)/ Levitt Foundation. She currently works

## November Speaker:

### **Forgotten Ecologies: Recent Vegetation Transformations Reveal Past Human Influence**

Christopher A. Kiahtipes, Ph.D., USF

Humans leave lasting environmental legacies on the landscapes they occupy. From the fire-stick to the farm, human interventions in ecological process have important ramifications for future vegetation cover. Yet disentangling human-driven (anthropogenic) vegetation change from natural fluctuations in climate has proven difficult in the sedimentary record. I explore the conceptual and empirical challenges of identifying and assessing human-driven

environmental change in archaeological and paleoecological contexts. I do so using my own research in the Mai Ndombe, Equateur, and Tchuapa provinces of the Democratic Republic of Congo. Coring of deposits associated with archaeological sites and offsite peat-land complexes dispersed across the interior forest zone reveals regional patterns in climatic-forcing as well as the timing and extent of human interventions in the rain forest zone. At the conclusion, I make some comparisons with the archaeological/paleoecological records of the southeast US and consider whether there are common patterns in environmental transformations leading up the Colonial era.

## November Narvaez Fieldtrip for CGCAS Members

**WHEN:** Saturday November 14 at 11:30 or 2:30

**WHERE:** 1700 Park Street North  
St. Petersburg, FL 33710

**COST:** Adults \$10, Kids (2-12) \$4

Go to this website to sign up:  
<http://discoverfloridatours.com/>

Join us next month for an outdoor, socially distanced tour of the Jungle Prada site in St Pete! The Jungle Prada Site features one of the best-preserved Tocobaga Indian mounds you can visit in Tampa Bay as well as part of the flattened village plaza. This 900-year-old shell midden was measured at over 800' long, 300' wide, and 23' tall and probably took decades to build. On the tour you'll learn more about the lives of the Tocobaga people and why they built mounds. The tour lasts approximately 90 minutes, and includes lots of Florida history, ecology, and peacocks! On the tour you'll learn about the Tocobaga Indians, Spanish colonizers, American pioneers, local hurricane history, and modern development of the area. Curiosity is encouraged so be sure to bring lots of questions. The private property where the tour takes place features a seaside Florida-friendly garden with dozens of free-roaming peacocks. They also have a small museum in a converted greenhouse on-site.

Go to the website above to register and secure your spot, or If they prefer, call David at 727-430-2677 to reserve a spot. Questions? Contact our amazing CGCAS fieldtrip maven Linda at [lindaallred18@gmail.com](mailto:lindaallred18@gmail.com) for more information.



## A GUIDED TOUR OF THE JUNGLE PRADA SITE ST. PETERSBURG FLORIDA (USA)



## Mark Your Calendar: CGCAS Holiday Party

**WHEN:** December 13<sup>th</sup>, 2020. 11am Board Meeting  
and 12pm Party

**WHERE:** AWIARE House, 1500 Weedon Drive NE  
St. Petersburg, FL 33702

Plans are in the works for our annual CGCAS Holiday Party and white elephant gift exchange, but things will of course be a little different this year. We will all meet outside, no potluck, and it will be bring your own individual lunch and drink. Gift exchange will be as usual. Presents should be wrapped, but what you decide to bring is up to you! It could be something nice or not, depending on what kind of santa you want to be. Masks are required, along with social distancing so we can keep each other safe. Please bring a folding chair so you can get comfortable, and lets hope for some nice Florida winter weather that day!

## Lovely Weather to Dig a Shovel Test Together!

On Saturday, October 10 CGCAS members Mary Askew, Linda Allred, Marcie Connors (below) had a blast digging a shovel test on the property of Sandy Holloway (in green shirt at right). They found one small stone flake but had a great time and enjoyed some pizza afterwards. Nothing better after a long day of archaeology! Thanks for sharing these great pictures, Linda.



## Dues are Due

January is CGCAS Membership renewal time, so if you want to get a headstart don't forget to pay your dues online at our website. Your dues help pay for our wonderful monthly lecture series and student paper competition prize. Your continued support is what makes this organization exist, so thank you for continuing as a member of CGCAS!

[www.cgcas.org](http://www.cgcas.org)

## Bullen Point Type Collection Now Easier to Use Online!



The Florida Museum of Natural History in Gainesville is home to the Bullen Point Type Collection, a collection of stone tool types that helps archaeologists and avocationalists alike identify their finds. This important collection has been online for some time but has recently gotten an update that makes it much easier to search for images of the point types you are interested in. Now you can search and filter your results by stem shape, notch shape, cross section, and many other relevant factors. Go to the link below to check it out!

<https://www.floridamuseum.ufl.edu/flarch/collections/bullen/point-types/>

## Archaeology Online: Tea and Trowels

Check out this new video series featuring chats with archaeologists on their research and what archaeology means to them. Your hosts, Emily Jane Murray and Emma Dietrich, Public Archaeologists with the Florida Public Archaeology Network, talk to archaeologists from all over the country and share a cup of tea during the conversation.

Check them out at this link!

<https://www.youtube.com/playlist?list=PLqVfPR3Byth9qUwrOGId7Vf0rcNDKhjru>

## International Archaeology Day!

International Archaeology Day (IAD) is a celebration of archaeology and its contributions to society. Every October the AIA and archaeological organizations around the world present archaeological programs and activities for people of all ages and interests. Whether it is a family-friendly archaeology fair, a guided tour of a local archaeological site, a simulated dig, or a presentation from a visiting archaeologist, the interactive, hands-on IAD programs provide a chance to uncover the past and experience the thrill of discovery. Go to this link to discover events going on all over the world:

<https://www.archaeological.org/events/category/international-archaeology-day/list/>

Closer to home, discover Southwest Florida archaeology and history online with talks and info from local archaeologists, museums, and sites on Friday, October 16<sup>th</sup> from 10am-2pm!

### **SPEAKERS:**

#### **10:00-10:15 "Introduction to the Awesome Archaeology of SWFL!"**

-Rachael Kangas, FPAN

#### **10:30-10:45 "Historic Cemetery Programming"**

-Crystal Diff, Charlotte Co. History Services

#### **11:00-11:15 "The Islands in Season: What One Case Indicates about Everglades Tree Island Use around 1000 B.C."**

-Dr. William Locascio, Assistant Professor, Florida Gulf Coast University

#### **11:30-11:45 "Barrier Island Parks Society: Preserving Historic & Natural Treasures"**

-Sharon McKenzie, Executive Director, Barrier Island Parks Society, Inc

#### **12:00-1:00 Lunch/Scavenger Hunt!**

#### **1:00-1:15 "Home Sweet Home: The Key Marco Artifacts at the Marco Island Historical Museum"**

-Austin Bell, Curator, Marco Island Historical Society Museum

#### **1:30-1:45 "Local Treasures: Warm Mineral Springs and Little Salt Spring"**

-Steve Koski, County Archaeologist, Sarasota County

Go to this link to register:  
<http://iadswfl2020.eventbrite.com/>

# Mac Perry Public Archaeology Student Paper Competition Call for Papers

In honor of the memory of longtime Central Gulf Coast Archaeological Society (CGCAS) member Mac Perry's dedication to bringing archaeological knowledge to the public, CGCAS is starting a student paper competition. Just as Mac did with his book *Indian Mounds You Can Visit*, CGCAS hopes to promote the dissemination of archaeological research and findings to the general public in an engaging manner through this student paper competition.

The goal of this competition is to encourage students of archaeology, whether at the **undergraduate** or **graduate** level, to present their research in a way that is interesting and accessible to the general public. Students should try to present their archaeological research in a way that is inspiring, accessible, and interesting, without sacrificing the scholarly content or findings of their work. Members of the CGCAS Board will be judge papers on how well they represent this goal. Papers should be 8-10 pages and should be submitted along with citations, bibliography, and visuals such as pictures, maps, illustrations, figure, etc.

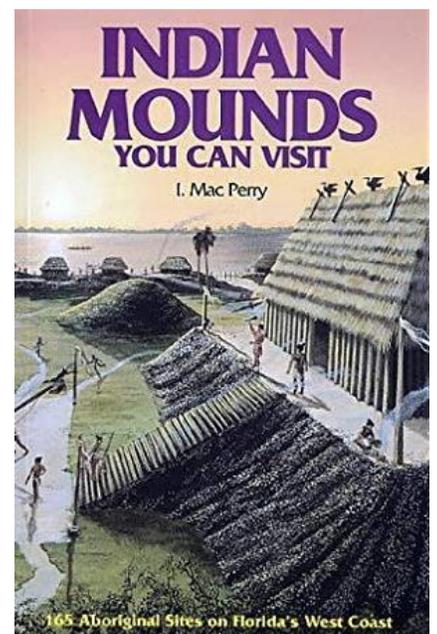
The selected student winner will receive a \$100 honorarium and will be expected to present their paper virtually at our monthly CGCAS meeting and lecture. The winner must present their research in order to receive their prize. **In addition to presenting your research at our online event, the written version of your paper will be featured in the CGCAS Bulletin, a yearly publication of our society.**

**Paper title, abstract, and contact information for the student (including name, email, university enrolled in, and level of education) should be submitted to Becky O'Sullivan at [rosulliv14@gmail.com](mailto:rosulliv14@gmail.com) before December 18th 2020.**

**Who can submit a paper?** Undergraduate or Graduate level students in Anthropology, Archaeology, History, or related fields. Papers related to research in Florida or the Southeast are preferred. You can even submit a paper you prepared for something else, or plan to present at an upcoming conference!

**Deadline to Submit Completed Paper: January 31<sup>st</sup> 2021**

For more information please contact  
Becky O'Sullivan at [rosulliv14@gmail.com](mailto:rosulliv14@gmail.com)



# Central Gulf Coast Archaeological Society Board

President:	Kassie Kemp	kkemp@flagler.edu
Vice President:	Jaime Rogers	jaimerogers@usf.edu
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Secretary:	Linda Allred	lindaallred18@gmail.com
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Directors:	Becky O'Sullivan	rosulliv@usf.edu
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	Alan Bailey	shadowandwags@aol.com
	Fred Pirone	pironelaw@mac.com
	Colin Lambert	ctlambert23@outlook.com
Newsletter:	Becky O'Sullivan	rosulliv@usf.edu

Have something for the next newsletter? Please email me!



## The Society

The Central Gulf Coast Archaeological Society (CGCAS) is an association of amateur and professional archaeologists and concerned citizens dedicated to the preservation and interpretation of Florida's great cultural heritage. CGCAS is a chapter of the Florida Anthropological Society (FAS) and is a state chartered non-profit organization. All contributions are tax deductible.

## Membership

Membership is open to anyone with a sincere interest in the cultural past of Florida and who is dedicated to the understanding and preservation of that heritage. Amateurs, professionals and concerned citizens are welcomed as members. Membership is yearly and all dues are payable in January. Contact Kassie Kemp at [kkemp@mail.usf.edu](mailto:kkemp@mail.usf.edu) for more information.

### Dues

Individual	\$25.00
Student	\$12.00
Family	\$30.00

## Contact Us

You can find us online at the links below:

Website:

<https://www.cgcas.org/>

Facebook:

[www.facebook.com/CGCASflorida/](http://www.facebook.com/CGCASflorida/)

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4202 E Fowler Ave, SOC 110  
Tampa, FL 33620