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PCAS Newsletter

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February PCAS Speaker

Dr. Vance T. Holliday

*Clovis Archaeology
Across the Greater Southwest*

In-Person and Zoom Meeting

February 9, 7:30 pm. See p. 5.

**Speaker will not be present at the
in-person meeting.**

The First Americans, the so-called “Paleoindians,” were the earliest hunters and gatherers to settle in the southwestern U.S. and northwestern Mexico. They lived at a time when the climate was substantially different from today—generally cooler and wetter. Rivers carried more water, and there were more and larger lakes scattered across the region. Another significant characteristic of this time was the presence of now extinct “megafauna”—large mammals such as mammoth, mastodon, horse, camel, dire wolf, and several big cats and bears. The best-known characteristic of



the Paleoindian foragers is their stone tool technology. Archaeological research shows that the earliest well-established Paleoindians in North America were makers of Clovis projectile points. Clovis foragers (13,200–12,800 years BP) were not common in the Southwest, but chance discoveries have revealed several Clovis kill sites. Southern Arizona contains the highest concentration of mammoth kill sites in the world. Research in northern Sonora recently revealed a Clovis site with the remains of an elephant-like mega-mammal known as a gomphothere. That site, El Fin del Mundo, is the northernmost Ice Age gomphothere site in the Americas and the only archaeological site with gomphothere in North America.

Dr. Vance Holliday received a BA in Anthropology from the University of Texas at Austin (1972), an MA in Museum Science (with a minor in Soil Science) at Texas Tech University (1977), and a PhD in Geological Sciences at the University of Colorado, Boulder (1982). He was on the Geography faculty at the University of Wisconsin-Madison (1986–2002) and is now in both Anthropology and Geosciences at the University of Arizona. His research career began on the Great Plains of the U.S., focused on reconstructing and interpreting the landscapes and environments in which the earliest occupants of North America lived, and how those conditions evolved during the Paleoindian period. Since arriving at the University of Arizona, he became Director of the Argonaut Archaeological Research Fund, which is devoted to research on the archaeology and geoarchaeology of the Paleoindian period in the southwestern U.S. and northwestern Mexico. In addition, he has been part of an international project focused on the Upper Paleolithic archaeology and paleoenvironments of southwestern Russia and central Ukraine.

**Have you renewed your membership?
Use the membership form in this Newsletter
or pay online at www.pcas.org.**

January Speaker Notes

Where We Bow Our Heads

By Megan Galway

Joyce Stanfield Perry presented a Native American perspective on current archaeology. She is a member of the Acjachemen/Juaneño tribe—the indigenous people of Orange County. She noted that as recently as the 1990s this presentation would not have been possible because Native people were not welcome in the archaeological community, and she acknowledged the current cooperation between the Pacific Coast Archaeological Society and her people. Many tribes now appoint their own cultural resource representatives and Ms. Perry serves this function in the local area. The traditional lands of the Acjachemen/Juaneño people include all Orange County and portions of the surrounding counties. Habitation sites in the area have been dated back over 9,000 years.

This presentation focused on the Bolsa Chica Mesa housing development project where Ms. Perry served as an American Indian ethnographer and researcher. The Bolsa Chica site is one of the oldest in Orange County, long studied as the source of cogged stones, and believed to be around 6,000 years old. It has been studied since the 1920s, but due to its ideal coastal location, negotiations with developers became very contentious. Three hundred acres of the lower wetlands portion of Bolsa Chica were saved as an ecological preserve, partially because of its importance as part of the Pacific Flyway, but the upper mesa was approved for a housing development. In 2001 archaeological grading began for the construction of 387 homes on the mesa. Ms. Perry referred to the area as a “place of knowledge and healing” and noted it “continues to be an active sacred and ceremonial space.” During construction many burials and associated artifacts were located and reburied, and this was one of the functions of the Native monitors and consultants, such as Ms. Perry. Much of her presentation was based on her journals from this period.

Prior to her work on this project, Ms. Perry had spent a number of years of ethnographic study to better understand and record what was found on the site. Yet, she notes those studies in no way prepared her for the ways in which the site affected her. Traditional belief is that once a person died they should remain undisturbed in their resting place, but this project demanded they would be removed. Burning sage on arrival at the site was a way to cleanse her mind before beginning the day. She notes that in most cases the archaeologists on site were friendly and cooperative, but she also documents a time when one of them stomped on and scattered her sacred offering. He was subsequently removed from the project. She



PCAS January speaker, Joyce Stanfield Perry.

asked us to imagine how we would feel if an oil rig were placed in the Sistine Chapel under the work of Michelangelo.

The Bolsa Chica project involved grading the site down to sterile soil in order to save all cultural material, and Ms. Perry was excited to be able to identify a lens of ceremonial pigment: red ochre, white caliche, and carbon black. She told us the story of how an archaeologist who lived in a trailer on site started feeding the crows around his trailer, and one moved in with him. Crow plays a part in the stories of the people, and Ms. Perry refers to the incident as an example of the interconnectedness of man and nature. She also described a day when she and archaeologist Lisa Woodward decided to document some unexplainable events that had occurred on the site, only to have their computer crash, and all was lost. When Ms. Perry tried to visit the trailer where the excavated ancestors were housed prior to reburial, none of the team’s keys would work. A locksmith was called and was also unsuccessful, and when he returned to his vehicle, his keys were locked inside. He commented that the ancestors didn’t want to be disturbed. She hinted at other unusual events on site but is choosing to wait and share those with her community first.

Reburials were performed throughout the project, but the final one was the most involved with planning taking a year and a half. Ms. Perry pointed out there are no traditional ceremonies for reburials, so they had to be created. Many traditional stories exist about *Ano* (coyote), and *Ano* visited the site regularly and was at all reburials until the last, when he was seen to have lain down in the pit and died. It is said that *Ano* carries the spirit of the ancestors.

This presentation and other PCAS lectures are available on the PCAS YouTube channel: www.youtube.com/@pcas-pacificcoastarchaeolo9403. We thank Stephen Dwyer, our Zoom host, for establishing and maintaining our YouTube channel.

PCAS 2022 Financial Statement

INCOME

Donations	
Scholarship	\$5,895.00
Other Donations	\$163.67
Interest	\$5.74
Member Dues	\$4,065.00
Quarterly Sales	\$799.74
Subscriptions	\$165.00
TOTAL INCOME	\$11,094.15

EXPENSES

General Administration	\$693.34
Lecture Program	0
Newsletter	\$41.16
Outreach	\$75.86
Quarterly Scholarship	\$1,584.36
Website	\$4,000.00
Website	\$165.00
PayPal Expense	\$104.80
TOTAL EXPENSES	\$6,664.52

TOTAL (INCOME - EXPENSES) \$4,429.63

ASSETS

	12/31/21	12/31/22
Checking, PayPal, & Money Market Accounts	\$22,889.30	\$25,395.00
Reserve for Curation	\$8,000.00	\$8,000.00
C14 Fund	\$4,406.04	\$4,406.04
Scholarship Fund	\$3,299.80	\$5,194.80
Postage Account	\$20.18	\$49.11
TOTAL ASSETS	\$38,615.32	\$43,044.95

LIABILITIES

Paid Subscriptions	\$9,855.00	\$12,255.00
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Submitted by Rene Brace, Treasurer.

PCAS Scholarships Available

The **Scott Findlay Memorial Scholarship** is in honor of our recently passed PCAS Board President. This scholarship is funded by his family, friends, and PCAS members.

The **Myrtle Soderberg Memorial Scholarship** is named for a founding member of our society and is fully funded by generous donations from our members.

The **Gloria Bogdan Memorial Scholarship** is named for a passed Life Member, and is generously funded by her husband, Tom.

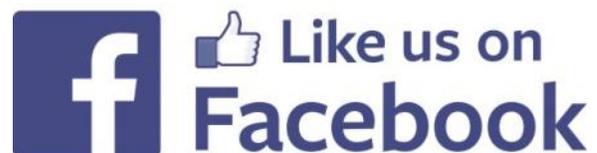
The **Sherri Gust Memorial Scholarship** is named for a passed Life Member and PCAS Board President and is funded in her memory by Cogstone Resource Management, the company she founded.

Applicants must achieve junior or senior status by fall 2023, must live in or be attending university in California, and be able to display a proven interest in archaeology. Successful applicants will each receive an award of \$1,000 upon enrollment for the fall semester. Complete application guidelines and an application form are available on our website, www.pcas.org/scholarship. Deadline for applications is April 30, 2023.

In addition to our undergraduate scholarship program, we have research and presentation grants available to graduate students. Guidelines for these awards may also be found on our website.

Should you know any qualified students who may not have heard of our program, please direct them to the website. Questions may also be directed to scholarship@pcas.org or by telephone to 714-539-6354.

PCAS is dedicated to promoting the discipline of archaeology and encouraging its study wherever possible, and we thank all our donors for their generous assistance.



DIG THIS ...



Lectures

Ancient Images of Power, Ritual, and Story, by Jeff LaFave. A virtual lecture of the San Diego Rock Art Association, February 5, 4 pm. Free. Information and required registration: www.sandiegorockart.org.

First People: A Revised Chronology for San Diego County, by Dennis Gallegos (archaeologist, author). Lecture of Anza-Borrego Desert Natural History Association, ABDNHA library, February 10, 6:30 pm. Fee: \$12; members \$10. Information and registration: www.abdnha.org/calendar1.

All in the Family: Ramesses II's Royal Family & Its Ideological Role, by Dr. Peter J. Brand (The University of Memphis). An ARCE/Bowers Museum onsite lecture, February 11, 1:30 pm. Fee: \$15; Bowers and ARCE members free. Recorded lecture available one week after onsite event. Fee: \$10, Bowers and ARCE members free. Ticket purchase and information: www.bowers.org.

History and Research at Writing-on-Stone/ Áísínai'pi, by Jack W. Brink (Curator Emeritus, Royal Alberta Museum), will present the rock art of the Provincial Park and UNESCO World Heritage site. An online lecture of the American Rock Art Association (ARARA), February 11. Free. Information: arara.wildapricot.org/Lectures. Past ARARA lectures available at www.youtube.com/channel/UCPCI2NQ3RN3J5TilCuxF3cA.

Otzi The Iceman: Forensic Science and Ancient Medicine in A Cold Case Murder, with Dr. Patrick Hunt. Book signing after lecture. Bowers Museum (in partnership with AIA, Orange County Chapter). February 26, 1:30 pm. Free with RSVP. Information and registration: www.bowers.org.

Zooarchaeology at a Spring Valley Site, by Dr. Aharon Sasson (San Diego Natural History Museum). A lecture of the San Diego County Archaeological Society, Ranch Penasquitos Adobe, February 28, 7:30 pm. Free. Information: <https://sdcas.org/upcomingevents>.

PCAS past lectures are available on YouTube at www.youtube.com/@pcas-pacificcoastarchaeolo9403.

Classes, Meetings, and Events

Rekindling Culture and Fire: Southern California. California Indian Basketweavers' Association will present two days of presentations, demonstrations, and panel discussion on CIBA's initiative on cultural burns. El Corazon Senior Center, Oceanside, February 11–12. Information and registration: <https://tinyurl.com/CABasket>.

The 40th Annual California Missions and Presidios Conference—Mission San Francisco Solano 200 Years—will be presented virtually February 17–18. Fee: \$85; members \$65; students \$35. Information and registration: californiamissionsfoundation.org/conference.

The Art & Science of Flintknapping, by Jeanne Day Binning, Brian Barbier, and Charles Bouscaren. An all inclusive field class of the Joshua Tree Desert Institute at CSU Desert Studies Center (Zzyzx), February 24–26. Fee: \$340; \$470 credit. Information: www.joshuatree.org/desert-institute/field-classes.

ARARA 2023 Conference will be held at the Sheraton Tucson Hotel and Suites, March 10–13. Fee: \$155; members \$95; student free. Hotel reservation deadline February 20. Information: <https://arara.wildapricot.org>.

Sign up for Ralphs Community Rewards

PCAS thanks Ralphs and all our participants for this opportunity to earn a donation of at least 1 percent of your Ralphs' purchases. Go to www.ralphs.com and sign in or create an account.

1. On the "My Account" page, scroll to Community Rewards. Link your card by searching for "Pacific Coast Archaeological Society" or inserting the PCAS organization number, QT023.
2. Call 800-443-4438 for assistance.

Thank you for supporting PCAS!

PCAS CODE OF ETHICS

The Pacific Coast Archaeological Society (PCAS) is a nonprofit group of professional and avocational people dedicated to proper management of our cultural resources, public education, and the protection and preservation of archaeological materials and collections.

The following principles have been adopted by the PCAS:

1. Professional methods and forms will be used on all archaeological field surveys, excavations, and laboratory sessions.
2. A complete record of field and laboratory work will be filed with the PCAS Curator and stored at a facility approved by the Society's Board of Directors.
3. No archaeological materials will be removed without proper permits, landowner permission, and a field research design.
4. Unless otherwise legally stipulated before activity commences, all materials collected will be deposited for further research with the Curator at a facility approved by the Society's Board of Directors.
5. All generated reports will be the property of the Society and distributed as deemed appropriate.
6. All Society field activities will be performed only under the direction of a qualified field archaeologist (Principal Investigator) and the supervision of field or site directors.
7. The above principles will be observed on both Society approved projects and projects performed under the direction of an authorized institution or organization.
8. The Society and its members will strive to educate the public of the importance and proper management of our non-renewable cultural resources and to discourage the collection and commercial exploitation of archaeological materials.
9. PCAS members shall not benefit from the acquisition, purchase, sale, or trade of archaeological artifacts, materials, or specimens.
10. All members shall adhere to City, County, State, and Federal antiquities laws.

In-Person Meeting

Location: IRWD Community Room
15500 Sand Canyon Ave, Irvine

The Irvine Ranch Water District neither supports nor endorses the causes or activities of organizations that use the District's meeting rooms which are made available for public use.

Zoom Meeting

- Email a **new** Zoom registration request by **noon on Thursday, December 8**, to membership@pcas.org. You will receive an emailed link to the meeting.
- Guests (non-PCAS members) are welcome with registration.
- When the presentation starts, please **mute your microphone and turn off your webcam**.

PCAS host **Steve Dwyer** will open the Zoom meeting at 7 pm to allow time to resolve any technical problems prior to the beginning of the PCAS General Meeting and lecture at 7:30 pm.

PCAS Speaker Calendar

March 9, 2023

Dr. Edward J. Knell

Paleoindian Land Use at Pluvial Lake Mojave in California's Mojave Desert

April 13, 2023

Dr. James Snead

Relic Hunters: Archaeology and the Public in 19th Century America

May 11, 2023

Lauren Biltonen, Aimee Montenegro, and Paul Langenwaller

Archaeological Investigations at CA-ORA-423, a Multicomponent Site in the Lower Aliso Creek Drainage, Orange County, California

June 8, 2023

Dr. Nathan Nakatsuka

Genetic Evidence for Ancient Population Shifts and Migrations in Central and Southern California

2023 PCAS Board Members and Committee Contacts

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*PCAS Board Member

PACIFIC COAST ARCHAEOLOGICAL SOCIETY

2023 Calendar Year Membership and Subscription Form

Name(s): _____

Address: _____

City: _____ State: _____ Zip Code _____

Phone: _____ Email: _____

Newsletters will be sent by email unless a mailed copy is requested.

I have read and agree to abide by the PCAS Code of Ethics _____

Signature

Membership (Includes Quarterly/Newsletter)

- Active Member – \$45
- Family Membership – \$50
- Supporting Member* – \$55
- Donor Member* – \$75
- Lifetime Member* – \$1000

* May be individual or family membership

Subscription Only

- Quarterly* – \$40
- Newsletter* – \$20

Scholarship Fund

- Donation \$ _____

Join online:

www.pcas.org/membrs.html

Or return with payment to:

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Costa Mesa, CA 92627-0926

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