Women in Archaeology

Society for California Archaeology
Annual Meeting
March 7 - March 10, 2019
Sacramento
This program is an abbreviated listing of schedules and presentation titles. Abstracts for each presentation may be viewed on the conference meeting app available through the SCA webpage, Google Play, or the Apple App Store.

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SOCIETY FOR CALIFORNIA ARCHAEOLOGY
53RD ANNUAL MEETING PROGRAM

March 7–10, 2019
Sacramento, California

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## TUESDAY–THURSDAY SCHEDULE

### TUESDAY–THURSDAY DETAILED PROGRAM

- Tuesday, March 5, All day
- Wednesday, March 6, All day
- Thursday, March 7, All day
- Thursday, March 7, Morning
- Thursday, March 7, Afternoon

## FRIDAY SCHEDULE

### FRIDAY AT A GLANCE

- Friday, March 8, All day
- Friday, March 8, Morning
- Friday, March 8, Afternoon

### FRIDAY DETAILED PROGRAM

- Friday, March 8, All day
- Friday, March 8, Morning
The theme Women in Archaeology was selected for the 2019 meeting to highlight the role of women, past and present, in the development of our field, from a range of aspects including method, theory, fieldwork, contributions to major research questions, and management and protection of archaeological resources. In addition to honoring the role of female researchers, our theme discusses developments in engendered archaeological and anthropological study, and aspects of intersectionality such as age, class, ethnicity, and power that have shaped the societal roles of women in the past.
WELCOME RECEPTION AND BOOK SIGNING

Thursday, March 7
4:00 p.m. to 7:00 p.m. Capitol Patio

2019 Welcome Reception and Book Signing featuring Terry L. Jones and Brian F. Codding, *Foragers on America’s Western Edge: The Archaeology of California’s Pecho Coast*; and Kristina M. Gill, Mikael Fauvelle, and Jon M. Erlandson, *An Archaeology of Abundance: Reevaluating the Marginality of California’s Islands*. The Welcome Reception will be held next to the Archaeological Games in conjunction with a cash bar.

*Foragers on America’s Western Edge: The Archaeology of California’s Pecho Coast*
Terry L. Jones and Brian F. Codding

The California coastline has long been of interest to archaeologists. This book directs attention to the largely ignored Pecho Coast, a rugged, isolated 20 km long peninsula between modern-day Morro Bay and Pismo Beach. Archaeological work along this stretch was last synthesized in 1972. Jones and Codding now bring together the extensive contract work and field school studies of the intervening years, shedding new light on the region’s early inhabitants.

The first people of the Pecho Coast were part-time residents who exploited shellfish, fish, and marine birds, including the flightless duck, Chendytes lawi, which sustained hunting drove to extinction ca. 2800 cal BP. This marked the only unequivocal case of prehistoric, human-caused extinction in western North America. Cold, productive seas allowed inhabitants to weather droughts of the Medieval Climatic Anomaly (950–600 cal BP), after which shell beads became increasingly abundant, representing either the initial appearance of Chumash-speaking peoples or attempts by Chumash leaders to consolidate power through gifting, reciprocal exchange, or forced conquest. During the mission era, fishing sustained the Native community as, for the first time, individuals became fully sedentary, foraging within a limited radius to avoid contact with the Spanish.

This record reveals a unique story of local adaptation, anthropogenic habitat change, social differentiation and, ultimately, resistance to colonial invasion.

*An Archaeology of Abundance: Reevaluating the Marginality of California’s Islands*
Edited by Kristina M. Gill, Mikael Fauvelle, and Jon M. Erlandson

The islands of Alta and Baja California changed dramatically with European colonization. Native populations were decimated by disease and their lifeways altered through forced assimilation and cessation of traditional practices. Overgrazing, overfishing, and the introduction of nonnative species depleted natural resources so severely, many scientists assumed the islands were relatively marginal for human habitation prior to European contact. *An Archaeology of Abundance* reassesses this long-held belief, analyzing new lines of evidence from Paleocoastal to historic times, suggesting that California’s islands were rich in important resources, from plants to fresh water, minerals, fuels, etc. Studies of extensive exchange, translocations, underwater forests of edible kelps/seaweeds, and high population densities also support the case for abundance.
ARCHAEOLOGY GAMES!
Thursday, March 7 and Friday, March 8
4:00 p.m. to 7:00 p.m. Capitol Patio

The SCA is happy to announce that the Archaeology Games will be back in 2019 in Sacramento. There are four competitions this year. For a small entry fee, contestants can participate in individual games or all games for a chance to win fabulous prizes. The SCA Archaeology Games for 2019 are:

**Guess the Obsidian:** Ten pieces of obsidian from various sources will be displayed. Contestants guess the obsidian source by visual analysis (we will help narrow down the answers). A map of the various obsidian sources will be provided. Come test your visual acuity. Everyone tying for the highest score will be entered into a drawing for a fantastic prize.

**How Far Is It?:** A flag will be placed on the grounds of the Annual Meeting. Contestants guess how far and how high the flag is from the datum. There will be some cool tools and technology to help you make your guess. Everyone getting within 2 meters of the correct distance and height will be entered into a drawing for an awesome prize.

**Shovel to Screen Toss:** Test out your shovel skills. Contestants pitch a shovel with poker chips into a screen at different distances, and perhaps a head-to-head competition. How are your shovel skills? Let’s find out. Take your chances to win a magnificent prize.

**Guess the Element:** Test your skills at faunal identification. How well do you know your bones? Contestants will be given an opportunity to identify five specimens to determine if you have the chops for this contest of skill and wisdom. How well do you know you?

All proceeds from the games will be used by the SCA to help protect and preserve cultural resources.

WOMEN IN ARCHAEOLOGY – ORAL HISTORY PROJECT
Friday, March 9 and Saturday, March 10
9:00 p.m. to 5:00 p.m. California Ballroom (Bookroom)

Archaeology in California has changed drastically in the past five decades. The cut off shorts, cigarettes, and bare-chested excavations of the 1960s and 70s are a far cry from the steel-toed, hard hatted, CRM projects of today. Archaeologists whose early careers started in these decades are beginning to retire. Before they hang up their trowels for good, their stories and memories of the past need to be collected, preserved, and shared. Their experiences and the trails they blazed have helped shape archaeology in California today.

As the theme of this year’s SCA annual conference is Women in Archaeology, Dana Shew and Annamarie Guerrero are collecting oral histories specifically from the founding women of CRM/archaeology – starting with those who attend the annual conference.
RECEPTION/SILENT AUCTION

(Preregistration required)

Friday night, March 8, the ever-popular Silent Auction will be held. This year’s event will be at the home of the California Hall of Fame in the California Museum. The Museum engages, educates, and enlightens people about California’s rich history, its diversity, and its unique influence on the world of ideas, innovation, art, and culture. Signature exhibits include “California’s Remarkable Women,” homage to the significant achievements made by the extraordinary women of California’s past and present, and “California Indians,” presenting the unique contributions of California’s Native Peoples in their own voice.

Buses will begin leaving from outside the lobby area of the DoubleTree Hilton at 5:45 p.m. for a quick 15-minute ride to downtown Sacramento. Drop-off will be at the Museum entrance at 1020 O Street. Museum doors will not open until approximately 6:00 p.m.; guests are encouraged to take a 5-minute walk to view our State Capitol Building or head to one of many nearby restaurants for a snack or libation. Buses will be available for return to the DoubleTree beginning at 8:00 p.m. For those not interested in exploring downtown Sacramento’s nightlife, the last bus will leave the California Museum no later than 10:15 p.m.

AWARDS BANQUET

(Preregistration required)

The Annual Banquet will be held on Saturday, March 9 at 6:00pm, with keynote speaker Dr. Amy Gusick, Associate Curator of Anthropology at the Natural History Museum of Los Angeles. Dr. Gusick’s cutting-edge research uses both terrestrial and underwater archaeology to study maritime adaptations, early human coastal migration and settlement, and the effects of environmental stress on Late Pleistocene and Early Holocene human groups along the Pacific Rim. Her talk will integrate this year’s conference theme and her own work, drawing from examples of research conducted by women towards advancing our understanding of maritime adaptations.

STUDENT MIXER

Saturday, March 9
4:00 p.m. to 6:00 p.m. Capitol Salon A

The Student Affairs Committee has organized its annual Student Mixer at the SCA Annual Meeting. The goal of the Student Mixer is to provide students an opportunity to network with archaeology professionals and academics in the California archaeological community. Students, please come and take advantage of the years of collective wisdom from our group of professionals participating in this year’s event. Come prepared to mix, mingle, and ask questions about getting archaeology jobs or internships in California, advice for creating more competitive resumes, and suggestions for getting into graduate programs. The student mixer will be held prior to the Annual Banquet in conjunction with a cash bar. Come one, come all to mix and mingle and provide advice to the next generation of California archaeologists.
LET’S DO LUNCH

(Preregistration required)
Saturday, March 9
12:00 p.m. (meet in the registration area at 11:45 a.m.).

Let’s Do Lunch pairs students with more senior members for lunch, providing students an opportunity to meet an archaeological professional and ask questions about obtaining a job, building a resume, or getting into graduate school. Pairing people at random gives students a chance to meet professionals that they might not otherwise encounter at the meeting. This also gives the senior members of our Society a chance to mentor the next generation of California archaeologists and pass along knowledge about how to be successful in the field.

The SCA will arrange for a venue for the luncheon. The regular member is asked to “treat” the student member by buying them lunch. While regular members will be paired with a single student, the venue will probably seat multiple pairs together, so there will be opportunities for students to chat with more than one professional. This is a wonderful event, so please check the box in your registration packet to participate in Let’s Do Lunch. Buying lunch for a student member is the best investment in the future of the SCA.
WORKSHOPS

If you are registered for a workshop, you will be automatically checked in for the meeting. Proceed directly to the meeting room. The Workshop organizer(s) will have your registration packet.

WORKSHOP: OBSIDIAN HYDRATION DATING

(Preregistration required)
Thursday, March 7
8:00 a.m. to 12:00 p.m. Capitol Salon D
Instructor: Alexander (Sandy) Rogers

As with all chronometric techniques, obsidian hydration dating cannot be treated as a black box. The goal of this workshop is to provide insight into the theory and methods of obsidian hydration dating (OHD). It should enable the archaeologist to perform OHD analyses and the manager to ask the right questions. The workshop will cover the basic principles of obsidian hydration and the models employed in dating; how to develop an appropriate effective hydration temperature (EHT); various methods of computing a hydration rate; guidelines for data analysis; and numerous cautions. An Excel spreadsheet with numerical models for conducting an OHD analysis will be provided, and we will do some hands-on exercises. Mathematics will be kept to a minimum, but cannot be avoided entirely. Some familiarity with Microsoft Excel is desirable, so please bring your laptop with Excel.

WORKSHOP: UNDERWATER CULTURAL HERITAGE RESOURCES AWARENESS

(Preregistration required)
Presented by: The Advisory Council on Underwater Archaeology
Thursday, March 7
1:00 p.m. to 5:00 p.m. Capitol Salon B
Instructors: Dave Ball, Bureau of Ocean Energy Management; Tricia Dodds, California State Parks; Amy Gusick, Natural History Museum of Los Angeles County; Denise Jaffke, California State Parks; Marco Meniketti, San Jose State University, and Amanda Evans, Coastal Environments, Inc.

Cultural resource managers, land managers, and archaeologists are often tasked with managing, interpreting, and reviewing archaeological assessments for submerged cultural resources. This workshop is designed to introduce non-specialists to issues specific to underwater archaeology. Participants will learn about different types of underwater cultural heritage (UCH) sites and the techniques used in Phase I and II equivalent surveys. Participants will also be made aware of the 2001 UNESCO Convention on the protection of underwater cultural heritage. This workshop is not intended to teach participants how to do underwater archaeology but will introduce different investigative techniques, international best practices, and existing legislation. The purpose of this workshop is to assist non-specialists in recognizing the potential for UCH resources in their areas of impact, budgeting for UCH resource investigations, reviewing UCH resource assessments, developing interpretive strategies, and providing sufficient background information to assist in
making informed decisions regarding UCH resources. Continuing Professional Education (CPE) credit is available for Registered Professional Archaeologists.

WORKSHOP: INTRODUCTION TO COMPARATIVE OSTEOLOGY

(Preregistration required)
Thursday, March 7
8:00 a.m. to 12:00 p.m. Capitol Salon B
Instructors: Samantha Schell and Lori Hager

A hands-on workshop designed to help archaeologists and monitors learn basic osteological identification methods. The workshop will use comparative materials to focus on defining features, skeletal anatomies, and macrostructure of bone fragments in order to differentiate between human and non-human bone. The emphasis will be on identification of bone while in the field.

WORKSHOP: IDENTIFYING CLOVIS LITHICS IN THE DESERT WEST

(Preregistration required)
Thursday, March 7
8:00 a.m. to 5:00 p.m. Garden Room
Instructor: Michael F. Rondeau

This workshop is based on prior lithic technology classes emphasizing Paleoindian flaked stone, as taught by Rondeau for University of Oregon summer field schools, the Bureau of Land Management, and the U.S. Forest Service.

Clovis artifacts are a part of surface lithic scatters in the desert west. Such artifacts can be identified during archaeological surface surveys and contribute important information to site significance evaluations. The workshop provides opportunities to examine and discuss replicated examples of the more common Clovis diagnostics. This hands-on workshop will provide handouts, present a brief PowerPoint introduction, and encourage discussions of current knowledge and understanding regarding what is and what is not Clovis.

WORKSHOP: ROCK ART CONSERVATION MANAGEMENT FOR SITE STEWARDS

(Preregistration required)
Thursday, March 7
12:00 p.m. to 5:00 p.m. Capitol Salon D
Instructor: Jeremy Freeman

Rock art is a resource that captures people’s attention and provides a way for modern people to relate to ancient people. However, it is also one of the most sensitive resources due to its high visibility and changing climatic conditions that threaten the stability, integrity, and aesthetic quality of the sites. In this workshop, participants will learn how to identify the transformational processes affecting rock art sites. Participants will complete a condition assessment form and collect conservation management data that will provide a better understanding of the conservation needs of a rock art site. Participants will learn about preparing a conservation management plan along with intervention procedures used by professionals to help conserve rock art sites.
WORKSHOP:
INTRODUCTION TO HISTORIC-ERA ARTIFACT IDENTIFICATION

(Preregistration required)
Thursday, March 7
12:00 p.m. to 5:00 p.m. Offsite
Instructors: Mary Maniery, Peter Hanchett, Sarah Heffner, Steven Holm, Julia Huddleson, Carrie Reichardt, and Kimberly Wooten

This introductory course provides baseline information on identifying, dating, and classifying artifacts in historical archaeological sites in California. The class focuses on four main artifact categories: glass bottles, ceramics, tin cans, and miscellaneous materials. Experienced instructors will present a combination of lectures with hands-on activities to be held at the State Parks’ State Archaeological Collections Research Facility (SACRF) in McClellan Park. Students will receive an in-class binder, a thumb drive of current literature and research in historical archaeology, and cheat sheets to use in the field.

WORKSHOP: BECOMING AN ADVOCATE FOR ARCHAEOLOGY

(Preregistration required)
Sponsored by the Society for California Archaeology and the Coalition for American Heritage
Thursday, March 7
9:00 a.m. to 2:30 p.m. Capitol Salon C
Instructors: Marion Werkheiser (Coalition for American Heritage), Shelly Davis-King (ACRA, Davis-King & Associates), Brendon Greenaway (SCA Legislative Awareness Committee), Rebecca Allen (SCA President Elect)

Given today’s political environment, we must all be advocates for archaeology and heritage studies. If we are not fully engaged, we run the risk of living with the consequences of our inaction. During the morning of this workshop, you will learn the ins and outs of being an advocate, including letter writing, how to visit to state and federal Congressional representatives, communicating with agency decision-makers, keeping track of legislation, and collaborating with other advocates in related non-profit organizations. We will especially focus on how to convey the value of archaeology in a way that will be understood and appreciated. You will receive a package of materials that will help you in your future advocacy efforts. Registration includes a box lunch. After lunch, we are working on setting up meetings with government officials at the State Capitol. Carpooling will be arranged prior to the conference. Lunch is included.
WORKSHOP:
LISTING ARCHAEOLOGICAL SITES ON THE NATIONAL REGISTER

(Preregistration NOT Required)
Thursday, March 7
2:30 p.m. to 5:00 p.m. Terrace Room
Instructors: Anmarie Medin, Jay Correia, Amy Crain, Jessica Tudor-Elliott

Assessing National Register eligibility for archaeological sites should always consider all four NRHP criteria, yet writing an effective analysis can be challenging. Come learn tips for applying all four criteria to archaeological sites, using case studies, and the process for getting a property listed on the National Register. Learn what makes a good eligibility argument versus one that “misses the mark.” Learn how participants in the process can engage to make their voices heard.
SCA ANNUAL MEETING AWARDS

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Martin A Baumhoff Special Achievement Award
To Be Announced

Mark Raymond Harrington Award for Conservation Archaeology
Richard Gould

Thomas F. King Award for Excellence in Cultural Resources Management
Elaine Sundahl

California Indian Heritage Preservation Award
Valentine Lopez

Golden Shovel Award
Charlotte A. Smith

Helen C. Smith Award for Individual or Society Avocationalist Achievement
Astrid and Samuel Webb

President’s Award for Exceptional Service to the SCA
Helen McCarthy

Bennyoff Award
Kristina Crawford

Charles E. Rozaire Award
Kaitlin Brown

Student Paper Award
To Be Announced

Native American Programs Committee (NAPC) Scholarship Awardees
To Be Announced
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Welcome Reception, Book Signing, and 2nd Annual Archaeology Games 4:00–7:00pm, Capitol Patio
### TUESDAY–THURSDAY DETAILED PROGRAM

#### TUESDAY, MARCH 5, ALL DAY

**BLM Meeting**  
Closed Meeting, Garden Terrace, 8:00-4:00

**Forest Service Meeting**  
Closed Meeting, Redwood Room, 8:00-4:00

#### WEDNESDAY, MARCH 6, ALL DAY

**BLM Meeting**  
Closed Meeting, Garden Terrace, 8:00-4:00

**Forest Service Meeting**  
Closed Meeting, Redwood Room, 8:00-4:00

#### THURSDAY, MARCH 7, ALL DAY

**SCA Board Meeting**  
Bear River Room, 8:00-4:00

**Utility Meeting**  
Closed Meeting, Capitol Ballroom A, 8:00-4:00

**Workshop: Identifying Clovis Lithics in the Desert West**  
Garden Room, 8:00-5:00  
Instructor: Michael F. Rondeau

**Workshop: Becoming an Advocate for Archaeology**  
Capitol Salon C, 9:00-3:00  
Instructors:  
Kelly Lizarraga, Shelly Davis-King, Brendon Greenaway, Rebecca Allen
THURSDAY, MARCH 7, MORNING

Workshop: Comparative Osteology
Capitol Salon B, 8:00-12:00
Instructors: Samantha Schell and Lori Hager

Workshop: Obsidian Hydration Dating
Capitol Salon D, 8:00-12:00
Instructor: Alexander (Sandy) Rogers

THURSDAY, MARCH 7, AFTERNOON

Registration
Capitol Ballroom Foyer, 1:00-4:00

Workshop: Underwater Cultural Heritage Resources Awareness Workshop
Capitol Salon B, 1:00-5:00
Instructors: Dave Ball, Tricia Dodds, Amy Gusick, Denise Jaffke, and Marco Meniketti

Workshop: Listing Archaeological Sites on the National Register
Terrace Room, 2:30-5:00
Instructors: Anmarie Medin, Jay Correia, Amy Crain, Jessica Tudor-Elliott

Workshop: Rock Art Conservation Management for Site Stewards
Capitol Salon D, 1:00-5:00
Instructors: Jeremy Freeman

Workshop: Introduction to Historic-Era Artifact Identification
Offsite Location
Instructors: Mary Maniery, Peter Hanchett, Sarah Heffner, Steven Holm, Julia Huddleson, Carrie Reichardt, and Kimberly Wooten

Native American Meet and Greet
TBA, 4:00-6:00

Welcome Reception, Book Signing, and 2nd Annual Archaeology Games
Capitol Patio Courtyard, 4:00-7:00
## Friday, March 8, 2019

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### Special Events

- **2nd Annual Archaeology Games:** 4:00–7:00 pm, Capitol Patio
- Silent Auction, California Museum, 6:00–10:00, buses depart hotel 5:45 pm
FRIDAY AT A GLANCE

FRIDAY, MARCH 8, ALL DAY

Bookroom
California Ballroom, 8:00-4:00

Registration
Capitol Ballroom Foyer, 8:00-4:00

FRIDAY, MARCH 8, MORNING

Plenary Session: Women in Archaeology
Capitol Ballroom 8:00-11:00
Organizer: Angela Younie

FRIDAY, MARCH 8, AFTERNOON

Meeting of the Committees
Redwood Room, 12:00-1:00
Chair: Trish Fernandez

Symposium 1: Gender and Interpretation in Archaeology: Case Studies from Central California
Garden Terrace: 1:00-3:00
Organizer: Heather Price

Symposium 2: The Restless Dead: Necrogeography in Greater Los Angeles
Capitol Salon B: 1:00-3:00
Organizers: Ann C. Stansell and James E. Snead

Symposium 3: Contemporary Views of Archaeological Investigations in San Luis Obispo County, California
Capitol Solon D: 1:00-3:00
Organizer: Reilly Murphy

Symposium 4: A Pinch of Salt: A Quick Look at Salt in Native California
Sacramento Room: 1:00-2:30
Organizer: Shelly Davis-King
F R I D A Y A T A G L A N C E

Forum 1: Bringing Native Americans and Archaeologists Together: A Forum for Discussing the Benefits of Collaboration and Reciprocity
Capitol Salon A: 1:00-4:00
Organizer: Kanyon Sayers-Roods

Forum 2: Current and Emerging Issues in Preserving California’s Historic and Cultural Heritage
Capitol Salon C: 1:00-5:00
Organizer: Brendon J.W. Greenaway

Poster Session 1: Subsistence, Environment, and Behavioral Ecology
Maxi’s Theater: 1:00-3:00

Symposium 5: Totem Pole Ranch (AVC-184): Utilizing an Orphaned Collection for Undergraduate Research
Redwood Room: 2:30-4:30
Organizers: Darcy Wiewall and David Earle

Forum 3: Curation in Crisis: Knowing the Unknown through Potential Solutions
Sacramento Room: 3:00-4:30
Organizer: Wendy Teeter

Poster Session 2: Heritage Collaboration, Outreach, and Experimental Study
Maxi’s Theater: 3:00-5:00
Chair: Laurel Engbring

General Session 1: Past and Present Experiences of Gender and Ethnicity
Garden Terrace: 3:30-5:00
Chair: Susan Talcott

General Session 2: Studies in Behavioral Ecology and Environmental Change
Capitol Salon B: 3:30-5:00
Chair: Jacob Fisher

General Session 3: Advances in Obsidian Analysis
Capitol Salon D: 3:45-5:00
Chair: Kathleen Hull

Curation Committee Meeting
Sacramento Room, 4:30-5:00
Chair: Wendy Teeter

Silent Auction California Museum, Midtown Sacramento: 6:00-10:00pm
FRIDAY DETAILED PROGRAM

FRIDAY, MARCH 8, ALL DAY

Bookroom
California Ballroom, 8:00-4:00

Registration
Capitol Ballroom Foyer, 8:00-4:00

FRIDAY, MARCH 8, MORNING

Plenary Session: Women in Archaeology
Capitol Ballroom 8:00-11:00
Organizer: Angela Younie

Our theme for 2019 is “Women in Archaeology,” to highlight the role of women, past and present, in the development of our field, from a range of aspects including methods, theory, fieldwork, contributions to major research questions, and management and protection of archaeological resources. As well as honoring the role of female researchers, our theme discusses developments in engendered archaeological and anthropological study, and aspects of intersectionality such as age, class, ethnicity, and power that have shaped the societal roles of women in the past.

8:00 Introductory Remarks and Blessing
William R. Hildebrandt
Troy Hatch

8:40 Visionary Women in California Archaeology: Challenges in the Early Days
Lynn H. Gamble

9:00 Saving It for Later: Acorn Storage Experiments and Women’s Preferences in Prehistoric California
Carly S. Whelan

9:20 Gender, Community, and Identity in Chumash Basketweaving
Kaitlin M. Brown

9:40 Interwoven: Holistic Research of the Karuk Tribe’s Basketry Culture
Carolyn Smith

10:00 BREAK

10:20 Saving Sacred Sites: Native Californian Women Leaders, Tribal Cultural Resources, and the San Luis Rey Band of Luiseño Mission Indians
Olivia Chilcote
10:40 Nevertheless, she persisted: Indigenous women and persistence in the Indian Rancheria at Mission Santa Clara de Asís
Sarah M. Peelo, Linda J. Hylkema, Christina G. Spellman, John P. Ellison, Thomas Garlinghouse, and Clinton Blount

11:00 Beyond Processors: Women, Storage, and Decision Making in California Archaeology
Shannon Tushingham

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**FRIDAY, MARCH 8, AFTERNOON**

### Meeting of the Committees

**Redwood Room, 12:00-1:00**
**Chair: Trish Fernandez**

An annual meeting among committee chairs and society liaisons to share what they have accomplished over the past year and plan for the upcoming year. These meetings help the standing SCA volunteers to understand what others are doing, share in successes and challenges, and perhaps work together on common goals.

### Curation Committee Meeting

**Sacramento Room, 4:30-5:00**
**Chair: Wendy Teeter**

### Symposium 1: Gender and Interpretation in Archaeology: Case Studies from Central California

**Garden Terrace: 1:00-3:00**
**Organizer: Heather Price**

Symposium participants present case studies using archaeological and ethnographic data from central California to explore gendered experiences of the past and the use of gender as a concept for interpreting the past. Participants are encouraged to identify their definition of gender, identify the assumptions inherent in their data sets (e.g., archaeological, ethnographic, archival, landscape, oral history), and to discuss the theoretical framework of their study. Study results are presented along with suggestions for next steps.

1:00 *Peopling the Landscape: Identity and Community in Central California’s Pre-Contact Past*  
(presentation discusses or contains images of human remains)  
Heather A. Price

1:15 *Status, Spirituality, and Gender: A Red Ochre Burial from CA-SFR-191/H*  
(presentation discusses or contains images of human remains)  
Megan Marie Watson

1:30 *Gendered Grave Goods: Relationships between Gender-Associated Artifacts and Biological Sex in the Prehistoric San Francisco Bay Area*  
(presentation discusses or contains images of human remains)  
Evan Tudor Elliott
1:45  Discarded Shoes and Boots: Late 19th Century Footwear and Identity in the South of Market Neighborhood in San Francisco
Patrick Allen

2:00  Bioarchaeology of the Undertakers: Gendercide Among the Chumash After Spanish Contact
Sandra E. Hollimon

2:15  Medicinal Herbs and Landscape Archaeology: Menstrual Customs Among the Southern Pomo and Coast Miwok During the Emergent Period
Sydni Kitchel

2:30  The Witches Toolbox: Contemporary Expressions of Ancient Beliefs (presentation discusses or contains images of human remains)
Kaitlin Carlberg and E. Breck Parkman

2:45  Discussant
Robert A. Schmidt

Symposium 2: The Restless Dead: Necrogeography in Greater Los Angeles

Capitol Salon B: 1:00-3:00
Organizers: Ann C. Stansell and James E. Snead

Historic cemetery research in urban contexts offers opportunities and challenges for archaeologists. As evolving landscape “texts” they convey complex information about demography, economy, identity, and other social/cultural fields. Over time a city’s “necrogeography” is contested, remodeled, relocated, and erased. Such changes been particularly dramatic in Los Angeles, where tension between land and development has been constant since the mid-19th century. Necrogeography projects in this setting offer opportunities to understand such rapid transformations, contributing to our understanding of society in the historic-era American West, in the process providing useful case studies for engaged pedagogy.

1:00  Lost Souls: Research and Teaching in the Cemeteries of Los Angeles
James E. Snead

1:15  Out of Sight, Out of Mind: A Necrogeographical Analysis of Forgotten Cemeteries in the Ever-Changing Urban Landscape of Los Angeles
Ann C. Stansell

1:30  Cemetery Wars: The Effects of the 1920’s Oil Boom on Sunnyside Cemetery, Signal Hill
Ian M. Weir

1:45  Lost But Not Forgotten: Reconstructing the Lives of the San Fernando Valley’s Early Pioneers
Jericho R. Chelland

2:00  Textbook Los Angeles: Teaching Bioarchaeology with Historical Cemeteries
Chin-hsin Liu
2:15 Legacies of the Dead: Comparing Paleodemographic Profiles among Early Los Angeles Cemeteries
(presentation discusses or contains images of human remains)
Katelynn Ebert

2:30 Memorialization by Mail: A Glimpse of Early Southern Californian Attitudes Towards Death
Jericho R. Chelland, Ann C. Stansell, Katelynn Ebert

2:45 Who Lies Beneath: Reconstructing the Burial Records of San Fernando Valley, California’s Pioneer Cemetery
Ann C. Stansell

Symposium 3: Contemporary Views of Archaeological Investigations in San Luis Obispo County, California

Capitol Solon D: 1:00-3:00
Organizer: Reilly Murphy

This symposium aims to provide a snapshot of recent archaeological investigations in San Luis Obispo County, California. From Morro Rock and Big Sur on the coast, to the Carrizo Plain in the eastern portion of the County, the San Luis Obispo landscape is abundant with diverse types of archaeological sites. As scholastic research and Cultural Resource Management continue to glean more information on the County’s history, a fuller picture is emerging that provide new interpretations and helps fill gaps in the existent data sets.

1:00 9,000 years in 900 seconds: A Brief History of San Luis Obispo County Prehistory
Ethan B. Bertrando

1:15 Strung in Time: Archaeological Investigations at CA-SLO-80/H on San Luis Bay
Simone M. Schinsing

1:30 A Place of Many Small Canoes: Preliminary Results from an Archaeological Investigation of Cayucos, CA
Kaya E. Wiggins

1:45 Stinking Middens and Rolling Stones: A Snapshot of Prehistoric Life Along Toro Creek
Jasmine Kidwell

2:00 Results of Recent Excavations at CA-SLO-172
Reilly F. Murphy

2:15 Flaked stone studies at Ragged Point: A look into the Early Period along the SLO Coast
Gabriel Granado and John P. Ellison

2:30 Eight STUs and a pressure flake bonanza!: A flaked stone analysis of a few tools and fair amount of debitage from CA-SLO-714
John P. Ellison

2:45 An Update on the Flightless Duck (Chendytes lawi) from the Pecho Coast, San Luis Obispo County
Terry L. Jones and Brian F. Codding
Symposium 4: A Pinch of Salt: A Quick Look at Salt in Native California

Sacramento Room: 1:00-2:30
Organizer: Shelly Davis-King

Salt has been among the more rare and precious commodities throughout human history. Landscapes associated with the processing of salt and its distribution centers are found in ancient America and it is known to form the basis of major economies. It has been described ethnographically in many sources, and was isolated as an important commodity in the cultural element distribution studies. Acquisition methods are varied, and include seaweed, shellfish, burning of salt grass, dehydrating mineral springs, and using salt springs. Landscapes associated with salt acquisition are also varied. This symposium looks at five different salt processing sites in California.

1:00   Salt in Native California: Natural Sources and Cultural Uses
       Michael J. Moratto

1:15   Recent Investigations at the Salt Springs Valley Salt Dome, Western Glenn County, California
       Jerome King, Greg White, William R. Hildebrandt, Jeffrey S. Rosenthal, Carly S. Whelan, Brad Eidman, and Ty Fahey

1:30   Revisited: Extracting Salt from Distichlis Spicata - Additional Explorative Investigations into Methods of Salt Extraction and Salt Utilization
       Ashley L. Hallock

1:45   Salt Manufactory at yet another Salt Springs Valley, in the Mokelumne River Canyon
       Shelly Davis-King and Angela Younie

2:00   Ownership, Mass Production, or Trade at Salt Springs Reservoir, Calaveras and Amador County, California?
       Adrian R. Whitaker and Jeffrey S. Rosenthal

2:15   Seaweed in Northwestern California
       Emily Helmer and Shannon Tushingham

Symposium 5: Totem Pole Ranch (AVC-184): Utilizing an Orphaned Collection for Undergraduate Research

Redwood Room: 2:30-4:30
Organizers: Darcy Wiewall and David Earle

The Totem Pole Ranch archaeological collection illustrates how the process of curation can generate innovative research undertakings drawn from “orphaned” collections. In this symposium, we outline the history of the excavation of Totem Pole Ranch, the subsequent “orphaning” of the collection, and the current curation and research efforts by undergraduate students. The research project has concentrated on determining the nature of the occupation of the site and its place in the larger settlement pattern of the western Mojave Desert. The analyses of lithic, groundstone, shell and steatite beads, and fauna, are providing insights into key cultural transitions in the region.
FRIDAY DETAIL

2:30 Up from the Dust: Orphaned Collections and Innovative Undergraduate Research
Darcy L. Wiewall

2:45 The Totem Pole Ranch site (AVC-184): the Ethnohistorical and Ethnographic Context of Collections Research
David D. Earle

3:00 Giving Meaning to Forgotten Ground Stone
Tyler A. Averill

3:15 For the Love of Lithics: Procurement and Reduction Patterns of Stone Tools at Totem Pole
Alexandra Jonassen

3:30 Bag of Bones: Archaeofaunal Analysis at Totem Pole Ranch
Ila M. Johnson

3:45 She Sorts Seashells in Order to Restore: Shell and Stone Bead Analysis of an Orphaned Collection from the Antelope Valley
Sarah Elizabeth Bertman

4:00 Discussant
Barbara S. Tejada

4:15 Discussant
Mark Q. Sutton

General Session 1: Past and Present Experiences of Gender and Ethnicity

Garden Terrace: 3:30-5:00
Organizer: Susan Talcott

3:30 Mediating Women’s Time Allocation Trade-offs: California Basketry Cradle Technology and Maternal Foraging Efficiency
Alexandra M. Greenwald

3:45 The Evolution of Male and Female Diets in Central California: A Stable Isotope Perspective from Green Valley (presentation discusses or contains images of human remains)
Susan D. Talcott, Jelmer W. Eerkens and Eric J. Bartelink

4:00 Las Mujeres de Presidio de San Diego: Life and Death on the Frontier (presentation discusses or contains images of human remains)
Richard L. Carrico

4:15 Boca’s hidden lives: commentary on the role of women in a late 19th century eastern Sierra Nevada company town
Leo A. Demski

4:30 Immigrant Labor in Early California Timber Industry: A Case Study from the Loma Prieta Mill
Marco Meniketti

4:45 What can be learned from Native Women archaeologists?
Eva Larson
General Session 2: Studies in Behavioral Ecology and Environmental Change

Capitol Salon B: 3:30-5:00
Organizer: Jacob Fisher

3:30 Untangling Causation: Spatial and Temporal Dimensions of Environmental Rebound in Protohistoric California
Jacob L. Fisher

3:45 Firewood Availability as a Limiting Factor in Central Place Foraging Models
Kristina Crawford

4:00 Clam, Mussel, and Oyster Harvest at SFR-114: Estimating Seasonality of Shellfish Harvest using Oxygen Isotopes
Laura B. Harold, Brian F. Byrd, and Jill Eubanks

4:15 A Bioarchaeological Review of Climate Change in Central California (presentation discusses or contains images of human remains)
Marin A. Pilloud, Al W. Schwitalla, and Kristen Broehl

4:30 A Faunal Analysis and Seasonality Study Using Cementum Increment Analysis at Payne’s Cave
Claire E. McMahon

4:45 Fragmentation as an indicator for faunal resource depression at Kathy’s Rockshelter
Will Norton and Jacob L. Fisher

General Session 3: Advances in Obsidian Analysis

Capitol Salon D: 3:45-5:00
Organizer: Kathleen Hull

3:45 Where do We Stand on Obsidian Hydration Dating? An Assessment of the Current State of the Art
Alexander K. Rogers and Christopher M. Stevenson

4:00 A field experiment on the effects of proscribed fire on obsidian hydration data
Christopher Kimsey

4:15 Assessing Bodie Hills Obsidian Hydration Rates in the High Sierra
Kathleen L. Hull

4:30 Sources and Uses of Obsidian Needles in California and Oregon
Joanne M. Mack

4:45 Obsidian Artifact Analysis of the Wurlitzer Site, Butte County, California
Joshua D. Nowakowski
Forum 1: Bringing Native Americans and Archaeologists Together: A Forum for Discussing the Benefits of Collaboration and Reciprocity

Capitol Salon A: 1:00-4:00
Organizer: Kanyon Sayers-Roods

Although archaeological researchers and Native American communities have much to gain from each other, miscommunication and mutual mistrust have often prevented us from reaching common goals. Important points of discussion for collaboration include communication, stewardship, reciprocity, representation, and access to knowledge and resources. This round table will bring together tribal representatives, archaeological researchers and government agency representatives to discuss three main topics: (1) mutual benefits of collaboration in archaeological research; (2) collaboration between Native American communities and regulatory agencies; (3) stewardship and research of environmental change. Inclusion is a key theme of the forum, and audience participation is welcomed.

Forum 2: Current and Emerging Issues in Preserving California’s Historic and Cultural Heritage

Capitol Salon C: 1:00-5:00
Organizer: Brendon J.W. Greenaway
Moderator: William Hildebrandt

Moderated by the SCA President, this forum is an opportunity for SCA members to hear forecasts and thoughts from lawmakers and state and federal agency executives on the future of California in general and specifically the future of preserving our historic and cultural heritage. Topics include the management of public lands and permitting of large infrastructure projects while appropriately considering historic properties. Further, this is an opportunity to increase awareness of issues facing historic preservation and to convey to panelists the importance and value in considering heritage preservation in California’s programs, policies, and legislation.

Discussions

Julianne Polanco, State Historic Preservation Officer
Wayne Donaldson, Chairman Advisory Council on Historic Preservation
Adam Siro, State Historical Resources Commission
René Vellanoweth, State Historical Resources Commission
Samantha Schell, Society for California Archaeology Legislative Awareness Committee
Michael Newland, Society for California Archaeology Climate Change Committee
William Craven, Senate Committee on Natural Resources and Water
Joe Stout, Bureau of Land Management
Reno Franklin, Member Advisory Council on Historic Preservation
Tony Overly, Bureau of Land Management
Mark Ziminske, U.S. Army Corps of Engineers
Joe Griffin, U.S. Army Corps of Engineers
Tom Hedt, Natural Resources Conservation Service
Emily Castano, Natural Resources Conservation Service
Forum 3: Curation in Crisis: Knowing the Unknown through Potential Solutions

Sacramento Room: 3:00-4:30
Organizer: Wendy Teeter

This forum discusses the results of the second part of a California repository curation survey and needs assessment. Development in California has occurred for hundreds of years with some of the largest heritage resources under cities. Many collections from these locations are stored in museums from before the creation of the Smithsonian’s trinomial system now in use. We will discuss ways of moving knowledge about these collections from the museums into the OHPs CHRIS centers to create access for CRM and Tribal staff. Several museums will discuss using the DPR523 Primary Record towards this effort. Audience participation is encouraged.

Discussants

Stevy L. Hernandez, Fowler Museum at UCLA
Anmarie Medin, Office of Historic Preservation
Karimah Kennedy Richardson, Autry Museum of the American West
Myra Masiel-Zamora, Pechanga Band of Luiseno Indians Cultural Center
Desiree Martinez. Cogstone Resource Management
Kathy Bancroft, Lone Pine Paiute-Shoshone Tribe
Myra Herrmann, City of San Diego Planning Department
Adam Sriro, Southern California Edison Archaeology Program
Xochitl Aguinaga. Fowler Museum at UCLA

Poster Session 1: Subsistence, Environment, and Behavioral Ecology

Maxi’s Theater, 1:00-3:00

Variability in Mytilus californianus Shell Dimensions and Applications for Estimating Overall Shell Size
Andrea Sbei, Richard Patrick Cromwell, and Christopher S. Jazwa

The Effects of Cooking on the Stable Oxygen Isotopic Composition of Mytilus californianus Shell Carbonate
Samuel R. Jantz, Andrea Sbei, and Christopher S. Jazwa

Shellfish and Dietary Change on Northern Santa Rosa Island, California
Dustin P. Anderson Contenti, and Christopher S. Jazwa

Nearshore and Pelagic Marine Fishing at the Historic Village of Silimíhi, CA-SRI-40, Santa Rosa Island, California
Margaret Goggin and Christopher S. Jazwa

Understanding the Relative Value of Marine Mollusks as a Resource: Results of Recent Collecting Experiments with the California Sea Mussel (Mytilus californianus)
Madeleine C. Noet and Terry L. Jones
FRIDAY DETAIL

Down by the Bay: Considering the Seasonality and Spatial Distribution of Prehistoric Floral and Faunal Resources in the Bay Area
Lily Arias and Yuka Oiwa

Applying circuit theory to model ecodynamics of marine resource transport in the Santa Monica Mountains
Paul J. Gerard and René L. Vellanoweth

Reeling in the Data: An Analysis of Net Sinkers
Joshua D. Nowakowski

Lost Souls: Research and Teaching in the Cemeteries of Los Angeles
James E. Snead

Poster Session 2: Heritage Collaboration, Outreach, and Experimental Study

Maxi’s Theater, 3:00-5:00
Organizer: Laurel Engbring

Augmented Reality as a Public Interpretation Tool: [AR]chaeology at El Presidio de San Francisco
Kari L. Lentz, Diego Rocha, Blake Vollmer, Claire Yancey, Edward De Haro, Kari Jones, and Liz Melicker

Assessing Canine Forensic Results with Archaeological Excavations at Protohistoric Sii (poster discusses or contains images of human remains)
Laurel K. Engbring, Brian F. Byrd, John Grebenkemper, Adela Morris, Monica V. Arellano, and Alan Leventhal

Using Experimental Archaeology to Understand Manufacturing Strategies, Efficiency, and Lithic Use Wear Associated with Tule Canoe Production
Kevin N. Smith, Martijn Kuypers, Bryce R. Beasley, Caleb K. Chen, and Nicolas Zwyns

Recent Developments in Community Heritage Work on the Campus of Santa Clara University
Matthew Kroot, Amy Lueck, and Lee M. Panich

Exhibits as Archaeology Ambassadors: Creative Mitigation as a Model for Public Outreach in CRM
Jennifer Wildt, Kari L. Lentz, and Tom Young
Rocks, Bombs and Astronauts: Aeronautical Training on the Klamath National Forest
Kaitlin Hakanson and Karen J. Bucher

Making Stone Tools to Connect with Past People: A Case Study in Active Learning about Lithics with the Fernandeño Tataviam Band of Mission Indians
Abbey Fuchs and Elisabeth A. Rareshide
SATURDAY AT A GLANCE

SATURDAY, MARCH 9, ALL DAY

**Bookroom**
California Ballroom, 8:00-4:00

**Registration**
Capitol Ballroom Foyer, 8:00-4:00

SATURDAY, MARCH 9, MORNING

**Symposium 6: Adaptive Land-Use Strategies in the San Antonio Creek Valley on Vandenberg Air Force Base**
Capitol Salon B: 8:00-10:15
Organizer: Clayton Lebow

**Symposium 7: Changing Landscapes and Plant Food Diets: The Breadth of Paleoethnobotanical Research in California**
Capitol Salon C: 8:00-3:00
Organizers: Gloria Howat Brown, Kristina Gill, Seetha Reddy, and Eric Wohlgemuth

**Symposium 8: Approaches to the Archaeology of Death in Historic Era California, Part I: San Francisco**
Capitol Salon B: 8:00-11:30
Organizer: Kari Lentz

**General Session 4: Ethnohistory and Contact-Era Archaeology**
Garden Terrace: 8:00-3:00
Chair: Joshua M. Allen

**General Session 5: Advances in Archaeological Methods and Technology**
Sacramento Room: 8:00-10:00
Chair: Tammy Buonasera

**General Session 6: Archaeology of Southern California**
Redwood Room: 8:00-9:15
Chair: Joanne Minerbi
SATURDAY AT A GLANCE

General Poster 3: Visits and Revisits: Site Reports and Reevaluations from Across California
Maxi’s Theater: 8:00-10:00
Chair: Doshia Dodd

Forum 4 (Roundtable): Community Roundtable with NAHC
Capitol Salon A: 8:30-11:30
Organizer: Gregg Castro

General Session 7: Archaeology of the Channel Islands
Redwood Room: 10:00-11:00
Chair: Kristin Hoppa

General Poster 4: Historical Archaeology
Maxi’s Theater: 10:00-12:00
Chair: Jennifer Redmond

Symposium 8: Advances in Maritime Archaeology
Redwood Room: 10:15-12:00
Organizers: Amy E. Gusick and Tricia Dodds

General Session 8: Archaeology of the Great Basin and Deserts
Sacramento Room: 10:30-12:00
Chair: Edward J. Knell

General Session 9: Settlement, Site Formation, and Discovery
Capitol Salon B: 10:45-12:00
Chair: Katelyn Mohr

SATURDAY, MARCH 9, AFTERNOON

CASSP Meeting
Capitol Salon A, 12:00-1:00

Climate Change Committee Meeting
Capitol Salon B, 12:00-1:00
Chair: Michael Newland

Professional Standards & Ethics Committee Meeting
Capitol Salon C, 12:00-1:00
Chair: Trish Fernandez
Legislative Committee Meeting
Capitol Salon D, 12:00-1:00
Chair: Samantha Schell

California Archaeology Editors Meeting
Redwood Room, 12:00-1:00
Chair: Mark W. Allen

Let’s Do Lunch
Offsite, 12:00-1:00

Women in California Archaeology Open Meeting
Redwood Room, 1:00-2:00
Chair: Jennifer Darcangelo, Kristina Gill, Kaely Colligan

Symposium 8 continued: Approaches to the Archaeology of Death in Historic Era
California, Part II: Beyond the Bay
Sacramento Room: 1:00-4:30
Organizer: Kari Lentz

Symposium 10: The River Runs Through It: Navigating the complexities of Cultural
Resources Compliance on FERC Projects
Capitol Salon B: 1:00-4:00
Organizers: Sandra S. Flint, Danielle Risse, Monica Ruth, John (Jay) Lloyd, and Kamil Rochon

Symposium 11: History of California Archaeology: From Antiquarians to
Professionals, Part 2
Capitol Salon C: 1:00-3:00
Organizers: Steven R. James and John R. Johnson

Symposium 12: The Dynamics of Natural & Cultural Landscapes: Implications for
Archaeological Method & Theory
Sacramento Room: 1:00-3:15
Organizer: Kim Tremaine

General Session 10: Historic-Era Archaeological Studies
Garden Terrace: 1:00-2:15
Chair: Vanessa Reeves
SATURDAY AT A GLANCE

Forum 5: Strategies for Presenting and Publishing Archaeological Research
Redwood Room: 2:00-4:00
Organizers: Women in California Archaeology Committee
(Jennifer Darcangelo, Kristina Gill, Kaely Colligan)

Forum 6: CalTHPO Forum: Cultural and Legal Contexts
Capitol Salon A: 1:00-4:00
Organizer: Alex R. Watts Tobin (Karuk Tribe)

Poster Symposium 1: Archaeometric Perspectives on California Prehistory
Maxi’s Theater: 1:00-3:00
Organizer: Roshanne S. Bakhtiary

Symposium 13: Resistance and Persistence
Garden Terrace: 2:45-4:00
Organizer: Alyssa Scott

Poster Symposium 2: California Archaeological Site Stewardship Program 2019
Maxi’s Theater: 3:00-5:00
Organizer: Karen Lacey

Student Affairs Meeting
Sacramento Room, 3:15-4:00
Chair: Noemi Bustamante

SCA Business Meeting
Sacramento Room, 4:00-5:00

CalTHPO Meeting
Redwood Room, 4:00-5:00
Chair: Shasta Gaughen

Capitol Salon A, 4:00-6:00
Student Mixer

Capitol Ballroom, 6:30-10:00
Awards Banquet
SATURDAY DETAILED PROGRAM

SATURDAY, MARCH 9, ALL DAY

Bookroom

California Ballroom, 8:00-4:00

Registration

Capitol Ballroom Foyer, 8:00-4:00

SATURDAY, MARCH 9, MORNING

Symposium 6: Adaptive Land-Use Strategies in the San Antonio Creek Valley on Vandenberg Air Force Base

Capitol Salon B: 8:00-10:15
Organizer: Clayton Lebow

Over the past 23 years Applied EarthWorks, Inc. has completed numerous archaeological studies in the San Antonio Creek valley on Vandenberg Air Force Base. In this symposium, we use the data from those studies to examine changes in the landforms and paleoecology throughout the Holocene, and how humans in the San Antonio Creek valley adapted to those changes.

8:00 Introduction and the History of Studies in the San Antonio Creek Valley
Clayton G. Lebow

8:15 A Paleogeographic Model for Lower San Antonio Creek, VAFB, Santa Barbara County
Charles Hodges

8:30 Paleoecology of the San Antonio Creek Valley on Vandenberg AFB
Scott Anderson and Christopher Ryan

8:45 Diachronic Change in Stone Tool Technological Organization in the San Antonio Creek Valley, Vandenberg AFB
Douglas R. Harro

9:00 Shellfish Usage in the San Antonio Creek Valley, Vandenberg AFB
Ann Munns

9:15 Good Eats: Vertebrate Fauna Assemblages from San Antonio Creek
Erin Enright Parsick and Rebecca L. McKim
Symposium 7: Changing Landscapes and Plant Food Diets: The Breadth of Paleoethnobotanical Research in California

Capitol Salon C: 8:00-3:00
Organizers: Gloria Howat Brown, Kristina Gill, Seetha Reddy, and Eric Wohlgemuth

Paleoethnobotanical studies in California provide valuable insight into ancient human adaptations and behaviors, human-environmental interactions, and historical ecology. Paleoethnobotanical data contribute to our understanding of the human condition as it pertains to econiche construction and exploitation, land and resource management, patch choice, intensification, seasonality, ritual behavior, and other realms. This session brings together paleoethnobotanists to discuss four main research topics: diachronic trends, protoagriculture, colonial period plant use, and relevance of these studies to the present day. The session is planned with an interactive format to allow for discussion and debate on these topics between the session participants and the audience.

Topic 1. Discussion of Diachronic Changes and Continuity in Plant Use

8:00 Spatial and Temporal Differentiation in Ancient Plant Use in Central California
Eric Wohlgemuth
8:08 From the Coast to the Interior: Broad Trends in Prehistoric Plant Use from Southern and Eastern Alta California
Jenna K. Santy and Seetha N. Reddy
8:15 Discussion: Diachronic Changes and Continuity in Plant Use
Wendy Pierce and Jeffrey S. Rosenthal

Topic 2. Protoagriculture and Cultivation in California?

8:45 Evidence for proto-agriculture at CA-YOL-118?
Angela Armstrong-Ingram
8:53 Ancient plant food cultivation on the Channel Islands? Evidence from geophytes and small seeds in grassland-forb field communities
Kristina M. Gill
9:00 Discussion: Protoagriculture and Cultivation in California?
Amy E. Gusick and Christine Hastorf


**Topic 3. Plant Use in the Colonial Period**

9:30  *Persistence and Change in Native American Plant Use in Southern California*
    Seetha N. Reddy

9:38  *What Can Plant Remains Tell Us About The Daily Life Of Mission Neophytes In Colonial Alta California?*
    Virginia Popper

9:45  **Discussion: Plant Use in the Colonial Period**

**Topic 4. So what? Modern Day Relevance of Paleoethnobotanical Studies – 44 minutes**

Dana N. Bardolph and Tsim D. Schneider

10:15  *Archaeobotany, Historical Ecology, and Contemporary Land Stewardship*
    Rob Q. Cuthrell

10:23  *Paleoethnobotanical data and Traditional Ecological Knowledge as powerful tools for informing modern restoration ecology in the face of climate change*
    Kristina M. Gill

10:30  **Discussion: So what? Modern Day Relevance of Paleoethnobotanical Studies**
    Kent G. Lightfoot and Valentín Lopez

**Symposium 8: Approaches to the Archaeology of Death in Historic Era California, Part I: San Francisco**

**Capitol Salon B: 8:00-11:30**

**Organizer: Kari Lentz**

In 1900 the San Francisco Board of Supervisors passed an ordinance outlawing burials within the city. Many cemeteries were removed to Colma to make way for development of the city’s limited land. Over the past 25 years archaeologists have been among the first to respond when human remains and coffins have been uncovered. This session promotes data sharing and communication among researchers and lays out avenues for future study. Topics include archaeoforensics, DNA and isotopic analysis, interpretive mapping, medical treatment of human remains, ethnographic interviews, and tombstones curation, as well as mortuary studies on class, ethnicity, health, gender, and religion.

**(symposium discusses or contains images of human remains)**

8:00  *Mapping the Dead: Archaeology and Necrogeography of Historic Era Cemeteries in San Francisco*
    Kari L. Lentz

8:15  *Uncovering the Story of San Francisco’s City Cemetery*
    John Martini

8:30  *Archaeology of a 19th Century Medical Waste Deposit at Point San Jose, San Francisco*
    Peter Gavette, P. Willey, Eric J. Bartelink, Angela Locke Barton, Mallory Peters, Jessica Curry, Maria Cox and Valerie Sgheiza
SATURDAY DETAIL

8:45  **Stronger than Family: Framing Modern Day Seamen as the Figurative Descendants of 19th Century Merchant Mariners Buried at the Presidio of San Francisco**  
Camilla Rockefeller

9:00  **Re-remembering: Restoring Materiality to Displaced Cemeteries in San Francisco**  
Jennifer Wildt and Patrick Zingerella

9:15  **Historic burials from the former Yerba Buena Cemetery, San Francisco - What might have been learned?**  
Colin I. Busby, Melody E. Tannam and Christopher Canzonieri

9:30  BREAK

9:45  **Discovery and Treatment of Five Unidentified mid-19th Century Remains from Yerba Buena Cemetery**  
Paul D. Zimmer, Matthew A. Russell, Thomas Ostrander, and Rebecca Allen

10:00  **Archaeometric Analyses of a Set of Unidentified Mid 19th Century Remains from Yerba Buena Cemetery**  
Rachel Marie Sliney, Jelmer W. Eerkens, Thomas Ostrander, and Cara Monroe

10:15  **New Developments in Archaeoforensics: Linking Historic-Period Burials to Individuals from the Past**  
Jelmer W. Eerkens, Alexander Snyder, and Glendon Parker

10:30  **Identifying the Baby in the Barrel: Pregnancy Loss in 19th century San Francisco**  
Christina S. Alonso, Kari L. Lentz, and Jelmer W. Eerkens

10:45  **'Til Death Do Us Part: Identification of Human Remains from San Francisco's Odd Fellows Cemetery**  
Alex Ryder and LJ Moore

11:00  **Discussant**  
Allison Vanderslice

**Symposium 9: Advances in Maritime Archaeology**

**Redwood Room: 10:15-12:00**  
**Organizers: Amy E. Gusick and Tricia Dodds**

As maritime archaeology continues to experience renewed interest, researchers are developing new and exciting methods for identifying and studying the maritime landscape. Technological advances such as use of 3D photogrammetry has provided better management and interpretation tools and intensive surveys and community involvement have resulted in the identification of recently uncovered shipwrecks. Projects focused on the intersection of humans and the maritime landscape have revealed the importance of the ocean and coastlines to development of regional networks that supported a growing maritime economy. Maritime archaeology is contributing in a major way to our understanding of the evolving cultural maritime landscape.

10:15  **Preliminary Investigation of the Glenn Mayne Shipwreck**  
Tricia J. Dodds and Kirsten M. Hawley
10:30  Getting Beyond the Fish: The Need for Establishing Underwater Heritage Parks in California
John W. Foster

10:45  California’s Aquatic Assassin- the ex-German U-boat UB-88: An Archaeological Resource from a World War I Naval Battlefield
Jeffrey Delsescaux

11:00  Landscape Analysis of a Sonoma Coast Doghole Port: Exploring the Intersections of Extractive Industries, Ranching, and Transportation
Denise T. Jaffke, Jessica E. Faycurry and Deborah Marx

11:15  SS Pomona Shipwreck – Current and Past Investigations
Kirsten M. Hawley, Charles Beeker, Denise T. Jaffke and Samuel I. Haskell

Lynn S. Dodd and Denise T. Jaffke

11:45  Detecting Freshwater Sources to Enable Clearer Understanding of Coastal Geomorphology and Water Resource Availability in Archaeological Landscapes
Eliza Malakoff, Samantha Levi, Klaus Hagedorn, Lynn S. Dodd, Su Jin Lee and Doug Hammond

General Session 4: Ethnohistory and Contact-Era Archaeology

Garden Terrace: 8:00-3:00
Organizer: Joshua M. Allen

8:00  Assumptions in Historic Archaeology: New Perspectives on Contact-era Native American Mining at Hiouchi Flat
Josh M. Allen and Mary L. Maniery

8:15  The North Bloomfield Campoodie: Investigations of a Gold Rush Town’s Native American Neighborhood
Mark C. Selverston

8:30  An Ethnohistoric Account Consistent with Archaeological Observations along Lower Cache Creek in the Sacramento Valley
Al W. Schwitalla and Randy S. Wiberg

8:45  Studies at CA-SON-2294/H Suggest that Native Populations Returned to Traditional Lifeways to Meet New Circumstances Following the 1837-1839 Smallpox Epidemic in the Northern San Francisco Bay Area
Susan H. Alvarez and E. Breck Parkman

9:00  Glass Beads in California: A Research Design
Steven Teteak

9:15  Considering colonial era obsidian consumption: Obsidian in the Santa Cruz Mountains
John P. Ellison and Peter M. Banke
General Session 5: Advances in Archaeological Methods and Technology

Sacramento Room: 8:00-10:00
Organizer: Tammy Buonasera

8:00  Proteomic Approaches in California Archaeology: Amelogenin and Sex Estimation in Human and Non-Human Enamel  
(presentation discusses or contains images of human remains)
Tammy Buonasera, Glendon Parker, Julia Yip and Jelmer W. Eerkens

8:15  Best Practices for Integrating Starch Grain Analysis into California Archaeological Research: Strengths, Limitations, and Implications to Eligibility  
Justin Wisely

8:30  Pleito Unravelled: detailing the iconography and chemical composition of the most complex pictograph site in California  
David W. Robinson, Matthew Baker, Jennifer Perry, Kotoula Eleni, Clare Bedford, and Devlin Gandy

8:45  Modeling Prehistoric Behavior in the Cache Creek Wilderness  
Michael Konzak, Bryan Mischke, and Thomas G. Whitley

9:00  Field Testing a Predictive Model for Paleo-Indian Sites in Cache Creek Wilderness Area, Lake County  
Scott C. McGaughey and Samantha Dollinger

9:15  New techniques For New Partnerships: Designing Confidential, Non-intrusive Digital Methodologies for the La Posta Reservation Archaeological Fieldschool  
Bobby Bolger, Paul S. Goldstein, and Brandon M. Gay

9:30  Tidal Surges and the Destruction of Coastal Middens along the Upper Gulf of California, Baja California, México  
Richard B. Guttenberg, William E. Hayden, René L. Vellanoweth, Antonio Porcayo Michelini, Amira F. Ainis, and Raquel Hernandez

General Session 6: Archaeology of Southern California

Redwood Room: 8:00-3:00
Organizer: Joanne Minerbi

8:00  Santee Greens, One of the Best Known, Unknown Prehistoric Sites in San Diego County  
Stan Berryman

8:15  Were Large Mammal Limb Bones Rendered for Marrow and Grease at Danielson Ranch (CA-VEN-395)?  
Shelby L. Medina, Jessica Rodriguez, Paul J. Gerard, and René L. Vellanoweth

8:30  Trade, Technology, Subsistence, and Mobility Patterns at the Encino Village Site (Sjútkanga), San Fernando Valley, California  
Joanne S. Minerbi

8:45  John Romani’s Forgotten 1984 Excavations at CA-LAN-007 and the Prehistory of Los Angeles  
Marc A. Beherec
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<tr>
<td>9:00</td>
<td>The Ventureño Chumash Late Period Ritual Complex of VEN-632: Evidence for a Mosaic Patterning of Site Settlement Strategies near the Santa Monica Mountains</td>
<td>Deborah V. Roman</td>
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<td>9:15</td>
<td>Beneath the Rust: An Early California Collection at the Logan Museum of Anthropology</td>
<td>Colleen M. Delaney, Brendon J.W. Greenaway, and Nicholette B. Meister</td>
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General Session 7: Archaeology of the Channel Islands

Redwood Room: 10:00-11:00
Organizer: Kristin Hoppa

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<tr>
<td>10:00</td>
<td>The Relationship Between Changes in Shellfish Collecting Intensity and Sedentism on Santa Cruz Island</td>
<td>Michael A. Glassow</td>
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<td>10:15</td>
<td>Zooarchaeological Analysis of Fish Remains from the Thousand Spring Site (CA-SNI-11), San Nicolas Island, California</td>
<td>Escee N. Lopez, Jessica Morales, Zena Haddis, and René L. Vellanoweth</td>
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<td>10:30</td>
<td>Barn Owl (Tyto alba) Pellets as Environmental Proxies</td>
<td>Santos Ceniceros-Rodríguez, Jessica Rodríguez, Jessica Morales, Giorgia Fiorentino, Shelby, L. Medina, Paul J. Gerard, Escee N. Lopez, René L. Vellanoweth, Paul W. Collins, and Amira F. Ainis</td>
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<td>10:45</td>
<td>Chert Microblade Production at the Chumash Village of Swaxil on Santa Cruz Island</td>
<td>Kristin M. Hoppa, Jennifer E. Perry, and Annette Ayala</td>
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General Session 8: Archaeology of the Great Basin and Deserts

Sacramento Room: 10:30-12:00
Organizer: Edward J. Knell

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<tr>
<td>10:30</td>
<td>Ongoing Investigations around Pluvial Lake Mojave</td>
<td>Edward J. Knell</td>
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<td>10:45</td>
<td>Building Academic-Tribal Partnership for site inventory, training and research: The 2018 UCSD/La Posta Kumeyaay Archaeological Field School</td>
<td>Paul S. Goldstein, Bobby Bolger, Brandon M. Gay, and Dawson Clara</td>
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<td>11:00</td>
<td>The Boyer Collection: An examination of the ideal avocational collection</td>
<td>Kara M. Jones</td>
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<td>11:15</td>
<td>Recent Geologic Changes on Edwards Air Force Base: Implications for the Archaeology of the Western Mojave Desert</td>
<td>Jeffrey L. Baker</td>
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<td>11:30</td>
<td>Aboriginal Group Boundaries As Defined By Lithic Material Types at Edwards Air Force Base</td>
<td>Joseph K. Hardaker, and Jeffrey L. Baker</td>
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<td>11:45</td>
<td>Burn on the Bayou: Documentation of a Special Use Area in Antelope Valley</td>
<td>Jeffrey L. Baker, and Ross Way</td>
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General Session 9: Settlement, Site Formation, and Discovery

Capitol Salon B: 10:45-12:00
Organizer: Katelyn Mohr

10:45 Where’s the Paleo? Evaluating the Paucity of Early Occupation in Owens Valley, California
Katelyn G. Mohr

11:00 Seasonality of prehistoric camps in the central desert of the peninsula of Baja California
Jess F. Zarco Navarro

11:15 Transcending Transects: Research Contexts for a Landscape View of Highway Corridor Archaeology in California
Glenn J. Gmoser and Adrian R. Whitaker

11:30 Identifying transient sites in the archaeological record
Mark Walker

11:45 The Raglan Homestead and Yellowjacket Indian Allotment Sites 36 Years Later
Thomas S. Keter

Forum 4 (Roundtable): Community Roundtable with NAHC

Capitol Salon A: 8:30-11:30
Organizer: Gregg Castro

The Native American Programs Committee is honored to sponsor this community forum “Roundtable” discussion with the California Native American Heritage Commission, headquartered here in Sacramento. NAPC committee members, SCA members and conference attendees, and native community members are encouraged to attend this extended opportunity to hear directly from the NAHC on issues that are of vital importance and of daily impact on cultural resources preservation issues for both the Native Community and the CRM profession. We seek to facilitate a dignified, respectful and intense interactive discussion of mutual issues.

Community Roundtable with NAHC

General Poster 3: Visits and Revisits: Site Reports and Reevaluations from Across California

Maxi’s Theater: 8:00-10:00
Organizer: Doshia Dodd

Results of Recent Excavations at CA-SLO-172 in Ragged Point, California
Robert C. Johnson-Ramirez, Reilly F. Murphy, Kyle M Palazzolo, Ryan C. Phillip, Kaya E. Wiggins, Stella D’Oro, John P. Ellison, Lauren M. MiraSol, Emily M. Bales, Hannah C. Ehrlich, Andrew Nicchitta, Sarah Nicchitta, and Cristie M. Boone

Aboriginal Adobes on Edwards Air Force Base
Joseph K. Hardaker and Jeffrey L. Baker
The Nolen Cache: A Recent Discovery in the Sierra National Forest
Erin Potter and Jeffrey Irwin

Examining Bead Manufacturing Practices in California: Can Craft Specialization Be Determined?
Noel M. Jones and Katherine R. Jorgensen

Heritage on High – Archaeology of the High Country in the Southern Sierra
Jeffrey Irwin and Erin Potter

Reassessing the Flat Creek Site: CA-SHA-1588
Susan G. Whaley and Elan J. Roos

A Tale of Two Rock Shelters at Saddleback Ranch
Doshia Dodd

Who Are Really Buried Here? Changing Demographics of a Ventureño Chumash Cemetery Site at Mulholland, CA 1100 AD -1500 AD
(posters discusses or contains images of human remains)
Anne R. Whitehair

General Poster 4: Historical Archaeology

Maxi’s Theater: 10:00-12:00
Organizer: Jennifer Redmond

Industry and Inequity in Fresno’s China Alley
Heather Atherton, Ben Curry and R. Scott Baxter

Identifying the Dead and Buried in the Hunters Point Ship Graveyard
Jennifer Redmond and Mark Hale

Uncovering Lost Narratives in Nisene Marks State Park
Arianna Q. Heathcote

Rediscovering Assil: An Ethnohistoric Salinan Village
Robert L. Hoover
CASSP Meeting

Capitol Salon A, 12:00-1:00

Climate Change Committee Meeting

Capitol Salon B, 12:00-1:00
Chair: Michael Newland

Professional Standards & Ethics Committee Meeting

Capitol Salon C, 12:00-1:00
Chair: Trish Fernandez

Legislative Committee Meeting
Capitol Salon D, 12:00-1:00
Chair: Samantha Schell

California Archaeology Editors Meeting

Redwood Room, 12:00-1:00
Chair: Mark W. Allen

Let’s Do Lunch
Offsite, 12:00-1:00

Women in California Archaeology Open Meeting

Redwood Room, 1:00-2:00
Chair: Jennifer Darcangelo, Kristina Gill, Kaely Colligan

The Women in California Archaeology (WCA) annual meeting will host discussions on WCA mission, our accomplishments to date and future plans. This open meeting welcomes everyone to participate and comment on WCA and what we can do.

Student Affairs Meeting

Sacramento Room, 3:15-4:00
Chair: Noemi Bustamante

SCA Business Meeting

Sacramento Room, 4:00-5:00

CalTHpo Meeting

Redwood Room, 4:00-5:00
Chair: Shasta Gaugen
Symposium 8 continued: Approaches to the Archaeology of Death in Historic Era California, Part II: Beyond the Bay

Sacramento Room: 1:00-4:30
Organizer: Kari Lentz

Archaeologists have long understood the importance of prehistoric burials and burial grounds for learning about past people. Less attention has been paid to human remains and associated artifacts dating to the historic era on the West Coast. Over the past decades numerous CRM projects in northern California have brought greater attention to post-contact burials. This session brings together recent and past research to highlight the exciting projects coming out of the greater Bay Area region. Topics include bioarchaeology, descendant communities, social justice, non-invasive locating methods, and cemetery stabilization, as well as mortuary studies on class, ethnicity, health, gender, and religion.

(symposium discusses or contains images of human remains)

1:00    Burial and Disinterment Practices at Santa Clara County Valley Medical Center
        Annamarie Leon Guerrero

1:15    Examining Migration and Identity at the Santa Clara Valley Medical Center Historic Cemetery
        Lisa N. Bright, Julia R. Prince-Buitenhuys, Eric J. Bartelink and Colleen Milligan

1:30    Valley Medical Center--Tales from A Pauper Graveyard
        Dave Grant

1:45    Recovering the Past - Investigations at St. Joseph's Cemetery
        David F. Buckley

2:00    Perils of a Leeward Shore: Human Burials within the Franklin Point Historic Shipwreck Cemetery
        Mark G. Hylkema

2:15    Allensworth: Preserving the Cemetery of “The Town That Refused to Die”
        Erica R. Thompson

2:30    Canine Searches to Locate Human Burials
        Adela Morris and John Grebenkemper

2:45    BREAK

3:15    Bioarchaeology of the Fort Ross Neighborhood
        Sandra E. Hollimon

3:30    Interpreting the Chinese Rituals of Death: A View from Folsom
        Mary L. Maniery

3:45    Six feet of earth makes us all equal: Sacramento County Hospital Burial Ground
        Robert J. Jackson

4:00    The 19th Century Insane Asylum of California Cemetery
        Lisa A. Shapiro

4:15    Discussant
        Alexis T. Boutin
Symposium 10: The River Runs Through It: Navigating the complexities of Cultural Resources Compliance on FERC Projects

Capitol Salon B: 1:00-4:00
Organizers: Sandra S. Flint, Danielle Risse, Monica Ruth, John (Jay) Lloyd, and Kamil Rochon

The Federal Energy Regulatory Commission (FERC), under authority of the Federal Power Act, licenses hydroelectric and other energy-related projects for limited operating periods spanning multiple decades. FERC, as the lead federal agency, must comply with Section 106 of the National Historic Preservation Act, therefore requiring licensees to assist FERC in those efforts by conducting required investigations, preparing management plans, and performing informal Section 106 consultation. Licensees must comply with FERC’s licensing processes, including adherence to specific schedules. This symposium focuses on navigating Section 106 and FERC licensing processes simultaneously, the intricacies and complexities of compliance, and lessons learned.

1:00 Opening Introduction | Video Introduction to Symposium Topic
Sandra S. Flint

1:15 Grab an Oar and Row! Navigating FERC’s Licensing Waters, Section 106 Requirements, and Complex Schedules
Sandra S. Flint

1:30 What Lies Beneath - Fluctuating Water Levels and Archaeological Site Identification. Case Studies from the FERC Relicensing Process
Kamil B. Rochon

1:45 How FERC Hydroelectric Projects Offer a Glimpse of Prehistoric Riverine Occupation; An Attempt at Spatial Analysis of Prehistoric Occupation Along a Sierra Foothills River Corridor
Danielle Risse

2:00 In or Out? Defining the Historic Built Environment for the FERC Relicensing Process
John (Jay) Lloyd

2:15 How do We Survey That?! Unique Architectural Resources and FERC Licensing
Leesa Gratreak

2:30 BREAK

2:45 Diverse Approaches to Testing and Evaluating Historical Resources on FERC Projects
Sarah C. Heffner

3:00 Building trust and healthy relationships with Native American tribes: FERC relicensings and fulfilling federal trust and consultation responsibilities
Monica Ruth

3:15 The Historic Maidu and Konkow Families of Bucks Lake, Plumas County
Shelly Tiley

3:30 Discussant
Sandra S. Flint
Symposium 11: History of California Archaeology: From Antiquarians to Professionals, Part 2

Capitol Salon C: 1:00-3:00
Organizers: Steven R. James and John R. Johnson

Although perhaps not fully appreciated today, a considerable amount of archaeology was undertaken throughout California during the late 19th and early 20th century by major anthropological institutions including the Smithsonian, Southwest Museum, Santa Barbara Museum of Natural History, and University of California. With the beginning of CRM in the 1970s, the nature of archaeological investigations in California and throughout the nation changed. Archaeology was practiced much differently in earlier years. This session is the second part of a tribute to the men and women who pioneered our discipline and established the foundations of California archaeology.

1:00  Walter James Hoffman and the rock art of South-Central California  
David W. Robinson

1:15  Zelia Nuttall: Archaeo-Museologist in the late 19th and Early 20th Century  
Glenn J. Farris

1:30  Advocates for Archaeology: Women and Historical Preservation in Los Angeles, 1890-1920  
James E. Snead

1:45  The Woman, the Myth, the Legend: Carobeth Laird in California  
Austin T. Ringelstein

2:00  David Banks Rogers, John P. Harrington, and the Beginnings of Systematic Archaeological Research along the Santa Barbara Coast  
John R. Johnson

2:15  Yours for the Revolution! The Exceptional Life and Career of Llewellyn L. Loud  
Harrison Lantier

2:30  The Archaeologists of the 1939-1941 Channel Islands Biological Survey: Art Woodward, John Shrader, Marion Hollenbach, and Barbara Loomis  
Corinne Laverty

2:45  BREAK

3:00  Adán Treganza: A Founding Father of California Archaeology  
Michael J. Moratto

3:15  Edith Wallace, California Archaeologist  
Joan S. Schneider and Meg McDonald

3:30  Two Pioneering Southern California Women Archaeologists, 1940s to 1960s: Agnes Bierman Babcock and Freddie Curtis  
Steven R. James

3:45  Significance of Clement W. Meighan in California Archaeology  
Joseph L. Chartkoff
Symposium 12: The Dynamics of Natural & Cultural Landscapes: Implications for Archaeological Method & Theory

Sacramento Room: 1:00-3:15
Organizer: Kim Tremaine

Cultural resources managers are constantly faced with the challenge of understanding landscapes that have undergone dramatic change over the course of the Holocene. The modern terrain bears little resemblance to past conditions, having been subjected to a complex array of processes, both hydrogeological and anthropogenic. Surface indicators often times provide few if any clues. This symposium considers a suite of methods, including background historical research, modeling, geophysical survey, and subsurface ground truthing to assess landscape suitability for site persistence.

1:00  North Stone Lakes: A Kernel of an Idea
      John Lopez

1:15  Developing and Using Models of Landscape Evolution in the Search, Interpretation and Management of Prehistoric Cultural Deposits
      Edwin R. Hajic

1:30  Hydraulic Mining & Other Anthropogenic Activities: their Regional Effects on Landscape & Cultural Resources
      Allan James

1:45  How Did That Get There? Along Green Valley Road in the Metamorphic Belt of the Western Sierra Foothills
      Elizabeth Fernandez

2:00  Urban Terraforming in Sacramento: Identifying the Former Landscapes & Cultural Resources Buried Beneath the Modern Grade
      Kim Tremaine

2:15  Putting Cultural Resources on Your Radar: Late Discoveries and Risks to Levee Projects
      Kim Tremaine

2:30  Tackling Challenges of Terrain Modification at a Known Site Using a Suite of Tools
      Karen Brehm

2:45  Distinguishing Secondary from Primary Cultural Deposition across Graded Terrain Using Geophysics & Trenching in the Southeastern Sacramento-San Joaquin Delta
      Kim Tremaine

3:00  Discussion
      Kim Tremaine
Symposium 13: Resistance and Persistence

Garden Terrace: 2:45-4:00
Organizer: Alyssa Scott

This session examines resistance and persistence in relation to the archaeological record and archaeological practice; and how narratives generated through research and practice affect contemporary communities. Participants will discuss their use of methodological and interpretive frameworks, such as collaborative and indigenous archaeologies, which can affirm multiple knowledge systems, inform conservation and restoration strategies, and assist in fulfilling community-voiced needs.

2:45  African-Indigenous Knowledge Systems within Archaeology and the Oakland Unified School District
      Jarre J. Hamilton

3:00  Revitalizing Coastal Connections
      Michael A. Grone

3:15  Emerging Power: Negotiating dynamic landscapes of power, control, and exploitation at the Samuel Adams Lime Kilns
      David G. Hyde

3:30  An Archaeobotanical Approach to Persistence at Mission San Jose
      Alec Apodaca

3:45  Tuberculosis, archaeologies of institutions, and narratives of disease and resistance
      Alyssa R. Scott

General Session 10: Historic-Era Archaeological Studies

Garden Terrace: 1:00-2:15
Organizer: Vanessa Reeves

1:00  Contextualizing Diet and Social Inequality within the Santa Clara County Medical Center’s Potter’s Cemetery: An examination of the relationship between evidence of nutritional stress and dietary variation
      (presentation discusses or contains images of human remains)
      Vanessa C. Reeves

1:15  History Beneath the Streets of San Francisco
      Marlene McVey and Alexander L. DeGeorgey

1:30  Of Concrete, Stone, and Wood: Historical Archaeology of Santa Cruz Island
      Courtney H. Buchanan and Jennifer E. Perry

1:45  The Archaeology of Abandonment: Uncovering Layers of Graffiti on Route66 in the Eastern Mojave Desert
      Kristina Lindgren

2:00  Children’s Toys and Adult Beverages from a c. 1967 Hippie Commune, Sonoma County, California
      E. Breck Parkman and Jon A. Parkman
Forum 5: Strategies for Presenting and Publishing Archaeological Research

Redwood Room: 2:00-4:00  
Organizers: Women in California Archaeology Committee  
(Jennifer Darcangelo, Kristina Gill, Kaely Colligan)

The WCA forum provides tips, strategies, and mechanics of conference presentations (posters and oral) and peer-reviewed publishing for students, early career professionals, and those interested in advancing publication. Strategies for turning larger research projects into books or longer monographs will be included. The second half of the forum will be a panel discussion followed by questions, focused on publishing in the top journals for California archaeologists, including California Archaeology, American Antiquity, Journal for California and Great Basin Anthropology, Historical Archaeology, and Journal of Island and Coastal Archaeology.

Discussants
Terry Jones and Mark Allen, California Archaeology  
Lynn Gamble, American Antiquity  
Adie Whitaker, Journal for California and Great Basin Anthropology  
Rebecca Allen, Historical Archaeology  
Todd Braje, Journal of Island and Coastal Archaeology  
Charlotte Sunseri, Associate Professor, San Jose State

Forum 6: CalTHPO Forum: Cultural and Legal Contexts

Capitol Salon A: 1:00-4:00  
Organizer: Alex R. Watts Tobin (Karuk Tribe)

This forum proceeds from discussions at the last two meetings, with THPPOs from across California. There is a historic legacy of distrust between Tribal people and members of the Archaeological profession. Disputes arise concerning issues of archaeological standards and practice, collection, disposition, access, and interpretation. Culturally responsive work can be vitiated by standard interpretations of law and practicality, and legal standards can structurally prejudice Tribes. This forum aims to set out case studies and strategies for addressing those points of contention, including archaeological site classification, eligibility interpretation, resolution of access issues, and disposition of sacred objects.

1:00  Historic Properties and Living Culture  
      Alex R. Watts-Tobin

1:15  Legal Frameworks, Consultation, and the Consideration of Intangible Tribal Cultural Resources  
      Shasta Gaughen

1:30  Destructive consequences of narrowly defining tribal spaces  
      Travis Armstrong

1:45  Discussant  
      Rosie Clayburn
2:00  NHPA Eligibility Significance and NRHP Listing for Disturbed Sites and Cemeteries: 
Exploring Criteria D, E, F, and G  
Marcos Guerrero  

2:15  Discussant  
Buffy McQuillen  

2:30  Becoming Worthy to Correcting the Failures of Contract Archaeology and Cultural Resources Management in California  
Connie “Destiny” Colocho

Poster Symposium 1: Archaeometric Perspectives on California Prehistory

Maxi’s Theater: 1:00-3:00  
Organizer: Roshanne S. Bakhtiary

Contemporary archaeology encompasses a diversity of methodological techniques used to understand the lifeways of past societies through the analysis of their material culture. Archaeometry, the application of scientific techniques to the archaeological record, has become increasingly important to the discipline over the past three decades. This poster session showcases a variety of archaeometric techniques used to extract information from the cultural heritage and paleoenvironment of prehistoric California. Methods include stable isotope analysis, x-ray fluorescence, obsidian hydration, and regression analysis, among others. Our aim is to promote the use and development of such methods for investigating California’s rich cultural past.

Dietary Signatures of Survivors and Non-Survivors at a Late Period Site in San Francisco Bay  
Christopher E. Beckham, Samantha Cramer, Jelmer W. Eerkens, Brian Byrd, Laurel K. Engbring, Dave Grant, Diane DiGiuseppe, Alan Leventhal, and Monica V. Arellano

The Role of Marine Foods in Precontact San Francisco Peninsula Paleodiets: New Data from CA-SFR-191  
Abbey Fuchs, Nikkoletta Karapanos, Jelmer W. Eerkens, Heather A. Price, Christina S. Alonso, Megan Marie Watson, and Ramona Garibay

Preliminary Results from the 2018 UC Davis Field School, Excavations at CA-CAL-242 near Murphys, CA  
Nicholas J. Hanten, Amber Booth, Katie Burkett, Abbey Fuchs, Isabel Araujo, and Benjamin Witzel

A Man Among Mussel: Stable Isotope Insights on a Man Buried atop a Bed of Mussel Shells (CA-SCL-967)  
(postcer discusses or contains images of human remains)  
Roshanne S. Bakhtiary, Jennifer Chen, Jelmer W. Eerkens, Eric J. Bartelink, and Alan Leventhal
Stable Isotope Insight into Late Period Diets in the California Delta  
*(poster discusses or contains images of human remains)*  
Lauren Canale, Jelmer W. Eerkens, Christopher Canzonieri, and Eric J. Bartelink

Obsidian acquisition in the San Francisco East Bay: results from X-ray florescence (XRF) sourcing of non-burial obsidian from CA-ALA-554  
Gregory H. Wada, Susan D. Talcott, Jonathan W. Gong, and Jelmer W. Eerkens

The one that got away: The development and application of a regression formula for Sacramento perch (Archoplites interruptus)  
Jason I. Miszaniec, Matthew Ramirez, Jessica Morales, and Jelmer W. Eerkens

Human-Animal Relations in Central California: Stable Isotope Reconstructions of Ungulate Ecology Along the Feather River, CA  
Jessica Morales, Jelmer W. Eerkens, Jeffrey S. Rosenthal, and Andrew S. Ugan

Stable Isotope Analysis of Three Late 19th Century Canids from San Jose, CA  
Alexandra Campbell-Grey, Jelmer W. Eerkens, Jennifer Wildt, and Brenna Wheelis

Investigating Hunter-Gatherer Mobility in the Central Sierra Nevada Using Stable Isotopes  
*(poster discusses or contains images of human remains)*  
Bryna E. Hull, Jelmer W. Eerkens, and Reba Fuller

Age of Weaning and Post-Weaning Childhood Diets in a Late Holocene Pre-contact Site near Suisun Marsh  
*(poster discusses or contains images of human remains)*  
Erin A. Boyle and Jelmer W. Eerkens

**Poster Symposium 2: California Archaeological Site Stewardship Program 2019**

Maxi’s Theater: 3:00-5:00  
Organizers: Karen E. Lacy and Michael DeGiovine

We contacted a number of site stewards across the State and received their permission to share their experiences as site stewards. Although everyone is observing and recording the conditions of their assigned sites, they have diverse experiences. Site stewardship not only enriches the volunteers but also protects the resources.

3:00  *What it means to work as a volunteer site steward*  
Karen E. Lacy and Michael M. DeGiovine

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*SA T U R D A Y D E T A I L*
3:00  *CASSP Partnership with California State Parks and Recreation*
Beth Padon and Chris Padon

3:00  *Flood, Fire, and Drought*
Jan Bales and Brian Walsh
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<th>California Ballroom</th>
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<th>Capitol Salon D</th>
<th>Sacramento Room</th>
<th>Redwood Room</th>
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**Sunday, March 10, 2019**

- **Symposium 14:** The Wide World of Northern California
- **General Session 11:** Archaeology of the Bay Area and Delta
- **General Session 12:** Archaeology of the Sierra Nevada
- **Symposium 15:** Borderlands Archaeology: Ongoing Investigations on Public Lands in Northern California and Northwestern Nevada
- **Symposium 16:** Retrospectives and Recent Perspectives on Marin County Archaeology
- **California Maritime Archaeology Committee Meeting**
- **Poster Symposium 3:** The Work of Cosumnes River Archaeological Working Laboratory (CRARL): An update on a Post Gold Rush site in Old Sacramento
- **Board Meeting**
- **Childcare**
- **Storage**
- **Registration**
SUNDAY AT A GLANCE

SUNDAY, MARCH 10, ALL MORNING

Bookroom
California Ballroom, 8:00-12:00

Registration
Capitol Ballroom Foyer, 8:00-10:00

SCA Executive Board Meeting
Bear River, 8:00-1:00

SUNDAY, MARCH 10, MORNING

California Maritime Archaeology Committee Meeting
Sacramento Room, 8:00-10:00
Chair: Tricia Dodds and Amy E. Gusick

Symposium 14: The Wide World of Northern California
Garden Terrace: 8:00-10:00
Organizer: Christopher R. Peske

Symposium 15: Borderlands Archaeology: On-going Investigations on Public Lands in Northern California and Northwestern Nevada
Capitol Salon C: 8:00-11:30
Organizers: Jake R. Martin and Marilla M. Martin

Symposium 16: Retrospectives and Recent Perspectives on Marin County Archaeology
Capitol Salon D: 8:00-12:00
Organizers: Tsim D. Schneider and Lee M. Panich

General Session 11: Archaeology of the Bay Area and Delta
Capitol Salon A: 8:00-11:00
Chair: Brian Barbier
General Session 12: Archaeology of the Sierra Nevada
Capitol Salon B: 8:00-9:45
Chair: Theresa Barket

Poster Symposium 3: The Work of Cosumnes River Archaeological Working Laboratory (CRAWL): An update on a Post Gold Rush era site in Old Sacramento
Maxi’s Theater: 8:00-10:00
Organizers: Amanda M. Paskey and Anastasia N. Panagakos
## SUNDAY DETAILED PROGRAM

### SUNDAY, MARCH 10, ALL MORNING

<table>
<thead>
<tr>
<th>Location</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>Bookroom</td>
<td>California Ballroom, 8:00-12:00</td>
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<tr>
<td>Capitol Ballroom</td>
<td>SCA Executive Board Meeting</td>
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<td>Foyer, 8:00-10:00</td>
<td>Bear River, 8:00-1:00</td>
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### SUNDAY, MARCH 10, MORNING

**California Maritime Archaeology Committee Meeting**

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<th>Location</th>
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<td>Sacramento Room</td>
<td>Chair: Tricia Dodds and Amy E. Gusick</td>
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<td>8:00-10:00</td>
<td>The California Maritime Archaeology Committee advocates for the protection of</td>
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<td>maritime cultural resources, including prehistoric and historic resources in</td>
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<td>California’s lakes, rivers, reservoirs, and coastal areas, through continued</td>
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<td>developments in maritime archaeological method and theory. This meeting will</td>
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<td>review current projects focused on underwater work and provide updates. The</td>
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<td>meeting will also focus on the promotion of public outreach of maritime archaeology</td>
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<td>for survey, testing, and research. This is an open meeting to colleagues interested</td>
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**Symposium 14: The Wide World of Northern California**

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<thead>
<tr>
<th>Location</th>
<th>Organizer: Christopher R. Peske</th>
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<tr>
<td>Garden Terrace</td>
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<tr>
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<td>Humans have been living in varied and unique ways in Northern California for</td>
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<td>thousands of years which has allowed for equally varied and unique archaeological</td>
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<td>works. These recent projects represent just a few of the exciting studies going</td>
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<td>on in the state. Discussions will include modeling and testing of both prehistoric</td>
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<td>and historic sites, how our understanding of sites change based on our methods,</td>
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<td>different lifestyles in the Sierra Nevada, and some looks into the people who</td>
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<td>chose to make Northern California their home.</td>
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### 2019 SCA ANNUAL MEETING

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<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>8:00</td>
<td>Not Your Average CRM Study: Historic Period Resource Modeling for a Conceptual</td>
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<td>Area Protection Plan and Vision Plan</td>
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<td>Hannah S. Ballard and Elena L. Reese</td>
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<td>8:15</td>
<td>At Home on a Hill; The Doyle Homestead of Smartsville</td>
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<td>Jacqueline Farrington</td>
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**Symposium 15: Borderlands Archaeology: On-going Investigations on Public Lands in Northern California and Northwestern Nevada**

**Capitol Salon C: 8:00-11:30**

**Organizers:** Jake R. Martin and Marilla M. Martin

Public lands in northeastern California and adjacent lands in northwestern Nevada are dense with cultural resources, though most areas are understudied. This symposium highlights on-going archaeological work on Public Lands at the confluence of the Great Basin, Sierra Nevada, and Cascade Range and along the California/Nevada border. In spite of a daunting workload, agency archaeologists in this region find a way to better manage these resources through required Section 106 and 110 projects. These efforts include limited testing at upland spring sites in northwest Nevada, the search for prehistoric trails, and rock art documentation in the Smoke Creek Petroglyph District.

8:00  *The SEAKDrones Project: Documenting Two Site Archaeological Sites with Drones*
Jennifer Rovanpera and Dennis Sylvia

8:15  *Dealing with the Looted Past: Preliminary Results from Wagontire Springs Cave*
Matthew O'Brien and Jennifer Rovanpera

8:30  *Land Use Strategies in Northwestern Nevada: Analyzing the Bare Allotment*
Noel M. Jones

8:45  *Chasing Trails through Timbered Crater Lava Flows*
Devin L. Snyder

9:00  *Historical Archaeology of a Gold Mining Diaspora, Indian Creek, Trinity County, California*
Eric W. Ritter and Alden R. Neel

9:15  *Petroglyph Recording in the Smoke Creek Archaeological District*
Scott G. Jones
9:30  BREAK

9:45  Walking the Line in the Name of Sage Grouse: Fences, Pipelines, and other Riparian Improvements Amidst Cultural Resources (Sites: 26WA10428 & 26WA9953)
   Jake R. Martin

10:00  A Preliminary Assessment of Obsidian Sourcing and Hydration from Two Spring Sites (26WA10428 & 26WA9953) in the Northwestern Great Basin
   Cameron B. Clegg, Marilla M. Martin, Scott G. Jones, and Jake R. Martin

10:30  Starch Grain Analysis from Six Prehistoric Open-Air Upland Spring Sites (Including 26WA10428 & 26WA9953) in the Northwestern Great Basin
   Marilla M. Martin

10:45  Temporal Variation of Occupational Intensity at Springs of the Smoke Creek Borderland
   Erik Martin

11:00  Discussant
   Tony Overly

11:15  Discussant
   Bryan Hockett

Symposium 16: Retrospectives and Recent Perspectives on Marin County Archaeology

Capitol Salon D: 8:00-12:00
Organizers: Tsim D. Schneider and Lee M. Panich

From Point Reyes to Point San Pedro and from the Marin Headlands to Estero Americano, over one century of archaeology underpins a complex record of human experiences on the Marin Peninsula. This human history is revealed in early chronology-building efforts and regional surveys and by the study of hippie communes, indigenous ecological knowledge, and sixteenth-century cross-cultural entanglements. Marin is also central to new research on indigenous-colonial encounters, understanding the effects of global climate change, and building collaborative heritage methodologies transforming the discipline. Session participants assess what has been done and what more can be done in the archaeology of Marin.

8:00  The Archaeology of Social Organization in Marin County: A Missed Opportunity?
   Thomas King

8:15  The Role Archaeology plays in the social and political life of the Graton community
   Nick L. Tipon

8:30  Drake, Cermeño, and Vizcaíno - Marin County’s Earliest European Visitors
   Mike Von der Porten and Steve Wright

8:45  A Historical Perspective and Digital Reconstruction of Archaeological Investigations at Point Reyes National Seashore from the 1940 to 1973
   Matthew A. Russell

9:00  Indigenous Archaeology on the Coast of Marin County: Family Stories and Low-Impact Strategies for Managing Cultural Resources Impacted by Climate Change
   Peter A. Nelson
SU N DA Y D E T A I L

9:15  A Synthesis and Analysis of Radiocarbon Dates from Point Reyes National Seashore
Paul M. Engel

9:30  Indigenous Lives, Place-making, and Persistence at Toms Point, Tomales Bay
Tsim D. Schneider and Lee M. Panich

9:45  The Paper Trail of Indigenous Persistence: Documenting Post-Contact Coast Miwok Sites in Marin County
Lee M. Panich and Tsim D. Schneider

10:15  Exploring Meaningful Landscapes and Visual Connectivity on the Marin Peninsula
Brian F. Byrd, Buffy McQuillen, Shannon DeArmond, Peter A. Nelson and Tsim D. Schneider

10:30  Corralling the Russians: the Spanish Move into Marin County with Mission San Rafael
Glenn J. Farris

10:45  A Little Slice of Mexico in Marin County
Robert J. Jackson

11:00  Collaborative Efforts to Establish Significance and Treatment for Remnant Shellmounds in Marin County
(paper discusses or contains images of human remains)
Barb Siskin, Cassidy DeBaker and Buffy McQuillen

11:15  A Hypothesis Regarding the Army’s Incinerator at Fort McDowell, Marin County, California
E. Breck Parkman

11:30  New Climate Change Scenarios and the Implications for Marin County Archaeology
Michael D. Newland and Thomas G. Whitley

11:45  Discussant
Laura A. Watt

General Session 11: Archaeology of the Bay Area and Delta

Capitol Salon A: 8:00-10:30
Organizer: Brian Barbier

8:00  Coastal Lifeways in San Francisco Bay Area Prehistory: Exploring Time Transgressive Settlement Patterning within the Marin Peninsula
Ronnie Johnson

8:15  Evolution of Shell Bead Money in Central California: an Isotopic Approach
Gregory R. Burns and Jelmer W. Eerkens

8:30  Assessing Interregional Interaction and Exchange Between Central and Southern California During the Early-Middle Period (ca. 2450–1500 BP)
Brian J. Barbier

8:45  Recent Discoveries from CA-SCL-215 in Southern San Francisco Bay: Interpretations of a House Feature
(presentation discusses or contains images of human remains)
David F. Buckley, Brenna Wheelis and Brieann DeOrnalles
9:00  The Effects of Basketmaking on the Teeth of Precontact California Native American Populations
(presentation discusses or contains images of human remains)
Mark C. Griffin and Arti P. Darke

9:15  BREAK

9:30  A New Interpretation of Depressed Levels of Dental Decay in Precontact California
(presentation discusses or contains images of human remains)
Mark C. Griffin and Gina R Caretti

9:45  Childhood in Times of Change: A Diet and Life History Reconstruction from San Francisco Bay
(presentation discusses or contains images of human remains)
Nichole A. Fournier, Shannon Tushingham, Erin Thorton, Cara Monroe, Alan Leventhal and Norma Sanchez

10:00 Associations between burial accompaniments and childhood stress at the Hotchkiss Mound
(presentation discusses or contains images of human remains)
Colleen M. Cheverko

General Session 12: Archaeology of the Sierra Nevada

Capitol Salon B: 8:00-9:45
Organizer: Theresa Barket

8:00  A Spear Point, a Knife, or a Dart Point? Reconsidering the Function of Humboldt Points: Evidence from the Late Prehistoric Hackney Site (CA-MRP-283) in Mariposa County, California
Theresa M. Barket, Andrew J. Garrison and Claudia L Camacho-Trejo

8:15  Martis Procurement and Settlement Strategies: Understanding Resource Choices within an Abundant Landscape at P-29-1228 in Truckee, CA
Ellie Maniery

8:30  Habitat Suitability and Tubatulabal Land Use: Territorial Maintenance in the Far Southern Sierra Nevada
David C. Harvey

8:45  When and Where: Modeling the Spread of the Ethnographic Subsistence Pattern in the Prehistoric Central Sierra Nevada
Nicholas J. Hanten

9:00  Managing Remote Wilderness Sites in Yosemite National Park: Test Excavations at Benson Lake and Dorothy Lake
Wesley G. Wills

9:30  Damaged? Destroyed? An assessment of site CA-BUT-3176
Michael Konzak
Poster Symposium 3: The Work of Cosumnes River Archaeological Working Laboratory (CRAWL): An update on a Post Gold Rush era site in Old Sacramento

Maxi’s Theater: 8:00-10:00
Organizers: Amanda M. Paskey and Anastasia N. Panagakos

The posters in this symposium will highlight recent work done with the Enterprise Hotel archaeological collection, including new findings about a potentially shared privy. The site was first excavated by Cosumnes River College in the late 1970s and 1980s, and then left orphaned at California State Parks’ Archaeological Research Facility. Through a continuing partnership between Cosumnes River College and CA State Parks, as well as the Sacramento History Alliance, the artifact analysis is well underway, and results of the research are being shared with the public throughout outreach and museum displays.

Displays of Luxury: Inside a Victorian-Era Privy
Ella Lockhart and James Howe

Sacramento from Boom Town to City: A Transitional History Through Glass
Carolyn Vasquez and Rhonda Merrill

Cosumnes River Archaeological Working Laboratory and the Enterprise Hotel Collection: An update on opportunities in a community college lab
Amanda M. Paskey and Anastasia N. Panagakos

An Integrated and Holistic View of the California Post-Gold Rush: An Archaeology Curriculum Resource for a Public Waldorf Fourth Grade Classroom
Ella Lockhart and Bryon Soules

Who used the privy? Interpreting a 19th century Sacramento privy assemblage
Laura Roccucci
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Michael Newland
— New Climate Change Scenarios Marin County

Matthew Russell
— Point Reyes National Seashore

Paul Zimmer, Matthew Russell, Tom Ostrander
— Historic Cemetery Symposium, Yerba Buena Cemetery

Heather Atherton, Ben Curry
— China Alley in Fresno (poster)

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Principal - Cultural Resources Practice Leader, Geographic Technical Leader - Human Environment
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- **Great Basin Branch** - Carson City, NV - (775) 847-0223
View of SCE’s Big Creek Powerhouse No. 2 constructed in 1913 during the construction of the adjoined Powerhouse 2a in framing steel stage. Photo taken September 27, 1927. Source: Southern California Edison Photographs and Negatives collection of The Huntington Library (Call No. 02-14738 / Image No. SCE_02_14738). © The Huntington Library, San Marino, Ca

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