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 website, Google Play, or the Apple App Store.

Program cover design by Kanyon "Coyote Woman" Sayers-Roods from the Indian Canyon Mutsun Band of Costanoan Ohlone People.

To learn more about this year’s cover art poster, visit https://sfca.wildapricot.org/2023-Archaeology-Poster.
To purchase a full-size poster, go to https://sfca.wildapricot.org/store.

The activity which is the subject of this annual meeting program has been financed in part with Federal funds from the National Park Service, Department of the Interior, through the California Office of Historic Preservation. However, the contents and opinions do not necessarily reflect the views or policies of the Department of the Interior or the California Office of Historic Preservation, nor does mention of trade names or commercial products constitute endorsement or recommendation by the Department of the Interior or the California Office of Historic Preservation.

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ADVERTISERS
The SCA’s mission statement states that the organization is dedicated to the research, understanding, interpretation, and conservation of the heritage of California, but what does that mean in practice? We spend a great deal of time on fieldwork and writing reports, but how much of that goes beyond the gray literature out to a larger audience? If we truly want to build appreciation for the heritage of California, we need to engage with the general public to explain how archaeology is more than “being Indiana Jones” or finding gold.

The last several national presidential elections have resulted in shifts in federal policies that have had major implications for archaeological and cultural resources. Fostering interest in archaeology has the potential to carry forward into building political support for preservation. But how does the average archaeologist connect with audiences? Through our 2023 Annual Meeting theme, it is our goal to achieve that connection.
IT TAKES A VILLAGE:
MESSAGE TO OUR MEMBERS

The old adage “It Takes a Village” is certainly true for organizing our SCA Annual Meetings. In the next few pages, we honor the committees, groups, and individuals who were critical to the success of this year’s conference. We could not have done it without you!! The meeting program then continues with the scheduled events, workshops, and presentations for our SCA membership to attend and enjoy.

Conference Planning Committee

Wendy Nettles and Justin Wisely — Program Co-Chairs
Marco Meniketti and Carie Montero — Local Arrangements Co-Chairs
  Gregory Burns — Audio-Visual Coordinator
Darren Andolina and Johanna Marty — Volunteer Coordinators
Amira Ainis and Brendon Greenaway — Ethics Bowl Coordinators
  Lynn Compas — Book Room Coordinator
Kristina Roper — Silent Auction Beverage Coordinator
Jennifer Barbee, Emma Cook, and Thomas Crimmel — Donations Coordinators
  Shelly Davis-King — Banquet Coordinator
Gregg Castro — Native American Programs Committee
Tori Eisenhardt — Student Affairs Committee
2022-2023 Executive Board

Anmarie Medin — President
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Jay King — Northern Vice President
Pattie Garcia — Southern Vice President
Karen Gardner — Secretary
Maggie Trumbly — Treasurer

2023-2024 Incoming Executive Board

Brendon Greenaway — President
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Jay King — Northern Vice President
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2023 Annual Meeting Volunteers

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Christine Lambert
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Andy Matessa
Ajeng McCunney
Katie McKendry-Grove
Sailakshmi Moorthy
Simone Muhammad
Jeffrey Mulford
Hillary Murphy
Matthew Neel
Abel Reyna
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Maya Schults
Ryan Sedgwick
Mark Selverston
Saloni Sharma
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Tom Wheeler
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2023 Annual Meeting Underwriters

**Major Sponsors**

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2023 Book Room Vendors

California Archaeological Site Stewardship Program
Cal Poly Humboldt – Cultural Resources Facility
California Indian Heritage Center
California Maritime Archaeology Committee/Advisory Council on Underwater Archaeology
California Rock Art Foundation
California State Parks
California Tribal Historic Preservation Office
Caltrans
Environmental Resources Management
Institute for Canine Forensics
InTerris Registries
Native California Research Institute
Open Context
Palomar College Archaeology
Phoenix Obsidian Designs
San Jose State University
Santa Barbara Museum of Natural History
Santa Cruz Archaeological Society
Society for California Archaeology
2023 Annual Meeting Award Recipients

(https://scahome.org/sca-meeting-awards/)

David A. Fredrickson Lifetime Achievement Award
Tom Origer

California Indian Heritage Preservation Award
Corinna Gould

Martin A. Baumhoff Special Achievement Award
Ken Gobalet

Mark Raymond Harrington Award for Conservation Archaeology
Beverly R. Ortiz

SCA Award for Excellence in Cultural Resources Management
Jennifer Darcangelo

Golden Shovel Award
Tom Wheeler

Charles E. Rozaire Award for Student Research in California Archaeology
Jill Eubanks

Emma Lou Davis Mentorship Award
Tsim Schneider

Orphaned Collections Project Award
Alexandria M. Firenzi
**WELCOME RECEPTION**

**Thursday, March 16**  
**Skyline Room, 4:00 p.m. to 7:00 p.m.**

The Welcome Reception will be held on the 21st floor in the Skyline Room, and a cash bar will be available. The 2023 Archaeology Month poster by artist Kanyon Sayers-Rood will be on hand, and Kanyon will be signing posters.

**ORAL HISTORY BOOTH**

**Friday and Saturday, March 17 and 18**  
**Uptown Room, 10:00 a.m. to 5:00 p.m.**

As archaeologists, we are all familiar with the “50 year” guideline. Next year, the Anthropological Studies Center (ASC) will be old enough to be considered a potentially significant historical property! To commemorate this milestone, this year’s SCA Oral History Booth wants to hear from the people who helped shape the ASC’s first 50 years. The history of the ASC is a collective one that encompasses the stories, memories, and contributions of California archaeologists, students, consultants, Native American and community partners, and volunteers that range from prominent “old timers” to today’s eager youth. Come share your ASC experience at the SCA Oral History Booth!

**SILENT AUCTION**

*(Preregistration required)*  
**Friday, March 17**  
**Peony Seafood Restaurant, 6:00 p.m. to 9:00 p.m.**

This year’s Silent Auction will be at the Peony Restaurant and Banquet Center, walking distance from the Oakland Marriott City Center. In the SCA’s continuing effort to enhance health and safety protocols, we will be using the GalaBid app to bid directly from our phones. You will need to register to bid and you can start bidding now.

**To Register via browser**

2. Click on the “Register” button
3. Enter your details and click “Register”
4. You will then receive an email with a verification link. Clicking the link will take you to the GalaBid auction site where you can log in. You are now ready to take part in the auction.

You do not have to attend the Silent Auction to bid on some items. Just check the restrictions to see if the item must be picked up at the Annual Meeting.
**JOB FAIR AND RESUME TUNE-UP**

**Saturday, March 18**  
**CSUEB’s Oakland Center Campus, 12:00 p.m. to 5:00 p.m.**

The C. E. Smith Museum at California State University, East Bay (CSUEB), and the Archaeological Research Facility at the University of California Berkeley are co-sponsoring a CRM Job Fair at the SCA meeting this year. The event will draw prospective job candidates at various levels of experience and from diverse backgrounds to meet with CRM and agency representatives in exploration of employment options. Professional volunteers will also be available for students and others to workshop their resumes. The event will be held at CSUEB’s Oakland Center campus. Firms that will be participating in this event include:

- AECOM  
- Alta Archaeological Consulting, LLC  
- Applied EarthWorks, Inc.  
- California Department of Parks and Recreation  
- California Department of Transportation  
- Cogstone Resource Management  
- Cultural Resources Facility, Cal Poly Humboldt  
- Dokken Engineering  
- Dudek  
- Environmental Science Associates  
- Far Western Anthropological Research Group  
- HELIX Environmental Planning  
- Kleinfelder  
- Montrose Environmental  
- Pacific Legacy, Inc.  
- PaleoWest  
- Rincon Consultants  
- Sonoma State University  
- Stantec  
- SWCA, Inc.  
- The Great Basin Institute  
- Transcon Environmental, Inc.  
- U.S. Army Corps of Engineers Planning Division, Environmental Resources Branch

**FOODWAYS EXHIBIT**

**Saturday, March 18**  
**CSUEB’s Oakland Center Campus, 12:00 p.m. to 5:00 p.m.**

This interactive pop-up exhibit showcases cultural variation in foodways worldwide, past and present, with an eye toward food justice and food sovereignty, especially in the Americas. It was developed and will be hosted by a group of 20 undergraduate students from California State University, East Bay, working under Dr. Albert Gonzalez. The exhibit is as much archaeological as ethnographic and culinary, and its mission is to facilitate guests’ understanding of past human foodways against current struggles for nutritious, accessible, and culturally empowering food. As no such exhibit would be complete without food, snacks will be provided to conference attendees on a first-come first-served basis.

(Preregistration required)

**LET’S DO LUNCH!**

**Saturday, March 18**  
**12:00 p.m. (meet in the registration area at 11:45 a.m.)**

Let’s Do Lunch pairs students with experienced professionals for lunch, providing students an opportunity to 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 the SCA 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 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.

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### Student Mixer

**Saturday, March 18**  
Atrium at East 1, 4:00 p.m. to 6:00 p.m.

The Student Affairs Committee has organized its annual Student Mixer at the 2023 SCA Annual Meeting. Along with Let’s Do Lunch, the goal of the Student Mixer is to provide students an opportunity to network with professionals and academics in the California archaeological community. Students, please attend 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 to provide advice to the next generation of California archaeologists.

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### Awards Banquet

*(Preregistration required)*  
**Saturday, March 18**  
East 1, 6:00 p.m. to 10:00 p.m.

The Elem Xemfo (Elem Dance Group) from the Elem Pomo Nation in Lake County, California, will provide a dance demonstration at the beginning of the Annual Banquet. Dance leader Robert Geary has coordinated with his troop and they are excited about this opportunity. One might question the appropriateness of having what is considered by many to be a sacred activity at a secular event, but Mr. Geary notes that the group dances at a wide variety of venues and has specific dances appropriate for secular events. The traditional, spiritual dances are reserved for other situations. To be clear, this is not a performance for entertainment, but rather a demonstration to educate the audience on how the Elem dancers have retained their cultural traditions in the face of much difficulty. The music and dance are an expression of cultural resilience; their willingness to share this with us should not be undervalued. The Far Western Foundation is sponsoring this event.

Out of respect for our Pomo guests, the SCA Executive Board asks everyone to refrain from drinking alcohol while the dancers are on stage. The Marriott’s banquet bar will be closed during the demonstration. Members will likely arrive with cocktails in hand, and we will request they put down any alcoholic drinks for the 30- to 45-minute demonstration. The emphasis is on voluntary cooperation out of respect for the SCA’s invited guests. Those who cannot maintain respectful behavior are welcome to excuse themselves. Awards presentations will follow the banquet. All meeting attendees are welcome to view the demonstration and awards, but we hope you will join us for the dinner. NO VIDEOGRAPHY or PHOTOGRAPHY of the Elem Pomo Dance Group are allowed.
WORKSHOPS

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

WORKSHOP: FORAGING THEORY AND PRACTICE I

(Preregistration required)
Thursday, March 16
Grand Ballroom Salon A, 9:00 a.m. to 12:00 p.m.
Instructor: Robert L. Bettinger, Distinguished Professor Emeritus, UC Davis

This workshop will introduce the theoretical foundation of foraging theory, beginning with the concept of rational choice and definition of costs and benefits. It explores the application of the foraging models most amenable to application to the archaeological and ethnographic records. Participants may sign up for morning and afternoon, morning only, or afternoon only sessions. Costs cover flash drives programmed with spreadsheets to execute applications of all models covered. You must bring a laptop to obtain the full benefit of the workshop. Working knowledge of Microsoft Excel is highly useful.

Morning Session
- Rational choice theory
- Foraging costs and benefits
- Diet breadth
- Front- vs. back-loaded resources

WORKSHOP: CONSTRUCTION COMPLIANCE MONITORING

(Preregistration required)
Thursday, March 16
Grand Ballroom Salon B, 9:00 a.m. to 12:00 p.m.
Instructors: Dustin Swenson, Tony Overly, Monica Strauss, and Sara Dietler

In the face of rapid growth and infrastructure development in the next several years, archaeological monitoring will be a vital compliance tool to ensure adequate site protection. This workshop provides a broad overview of the construction compliance workspace to understand the various aspects of complex, multi-subcontractor construction projects and how archaeological monitoring fits into the general compliance framework. It is intended to be equally valuable for entry-level monitors and others with construction project experience. The workshop is not a technical “how to identify archaeological features in the field” but rather covers practical solutions and problem-solving for field personnel in typical compliance situations through formal presentations, real world scenarios, and group discussion. ESA archaeologists and environmental compliance experts will guide you through the way archaeological monitoring is used within the California Environmental Quality Act and Section 106 of the National Historic Preservation Act. Additional topics include what kinds of communication can be expected on construction sites, what challenges or hazards may be encountered, and how archaeological monitoring fills an integral role and last line of defense of resource protection.
**WORKSHOP: INTRODUCTION TO COMPARATIVE OSTEOLOGY I**

*(Preregistration required)*  
**Thursday, March 16**  
Grand Ballroom Salon F, 9:00 a.m. to 12:00 p.m.  
Instructors: Samantha Schell and Sophie Minnig  
**WARNING: CLASS INCLUDES DEPICTIONS OF HUMAN REMAINS**

Encountering human or non-human bone in the field is something many of us experience. This hands-on workshop is designed to help archaeologists and monitors get acquainted with basic osteological identification methods. The workshop will use comparative materials to focus on identifying human versus non-human bone. This course is a basic introduction to the skeleton and features that can be useful for differentiating human from other mammal bone.

**WORKSHOP: HISTORIC PLASTICS IN THE ARCHAEOLOGICAL RECORD I**

*(Preregistration required)*  
**Thursday, March 16**  
Grand Ballroom Salon G, 9:00 a.m. to 11:30 a.m.  
Instructors: Kimberly Wooten and Julia Huddleson, Historical Archaeologists, California Department of Transportation, Cultural Studies Office

As ubiquitous as plastic may seem in the archaeological record, plastic artifacts are quickly moving into the period of historic significance. A basic understanding of this material type will be increasingly important for recording and evaluating archaeological sites. This workshop will give an overview of the history and development of plastics, followed by hands-on training with plastic artifacts from the early 1900s through the modern era, with a focus on domestic sites. In many ways, plastics can be seen as a hallmark of the Anthropocene, and the last 30 minutes will be a guided discussion of contemporary plastics archaeology, with time focused on individual solutions to the current plastic pollution crisis. A thumb drive of plastic reference materials will be included with the workshop fee.

**WORKSHOP: FORAGING THEORY AND PRACTICE II**

*(Preregistration required)*  
**Thursday, March 16**  
Grand Ballroom Salon A, 1:00 p.m. to 5:00 p.m.  
Instructor: Robert L. Bettinger, Distinguished Professor Emeritus, UC Davis

This workshop will introduce the theoretical foundation of foraging theory, beginning with the concept of rational choice and definition of costs and benefits. It explores application of the foraging models most amenable to application to the archaeological and ethnographic records. Participants may sign up for morning and afternoon, morning only, or afternoon only sessions. Costs cover flash drives programmed with spreadsheets to execute applications of all models covered. You must bring a laptop to obtain the full benefit of the workshop. Working knowledge of Microsoft Excel is highly useful.

Afternoon Session  
- Linear programming  
- Marginal value theorem  
- Field processing  
- Technological investment (including newest, unpublished models)
WORKSHOP: UNDERWATER CULTURAL HERITAGE RESOURCES AWARENESS

(Preregistration required)
Thursday, March 16
Grand Ballroom Salon B, 1:00 p.m. to 5:00 p.m.
Instructors: Amy Gusick, Dave Ball, Denise Jaffke, and Marco Meniketti

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.

I. Introduction and Advisory Council on Underwater Archaeology/CMAC Welcome
II. Introduction to Maritime Archaeology
III. U.S. and California Legislation
IV. Introduction to Underwater Survey
V. Qualifications and Reporting
V. Interpretation, Outreach, and Advocational Efforts

WORKSHOP: OBSIDIAN HYDRATION DATING

(Preregistration required)
Thursday, March 16
Grand Ballroom Salon C, 1:00 p.m. to 5:00 p.m.
Instructor: Alexander Rogers

The goal of this workshop is to provide insight into the theory and methods of obsidian hydration dating (OHD). It should help enable the archaeologist to perform OHD analyses, and enable 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. Mathematics will be kept to a minimum, but cannot be avoided entirely. Electronic copies of key references will be provided.

WORKSHOP: INTRODUCTION TO COMPARATIVE OSTEOLOGY II

(Preregistration required)
Thursday, March 16
Grand Ballroom Salon F, 1:00 p.m. to 4:00 p.m.
Instructors: Samantha Schell and Sophie Minnig
WARNING: CLASS INCLUDES DEPICTIONS OF HUMAN REMAINS
Encountering human or non-human bone in the field is something many of us experience. This hands-on workshop is designed to help archaeologists and monitors get acquainted with basic osteological identification methods. The workshop will use comparative materials to focus on identifying human versus non-human bone. This course is a basic introduction to the skeleton and features that can be useful for differentiating human from other mammal bone.

**WORKSHOP: HISTORIC PLASTICS IN THE ARCHAEOLOGICAL RECORD II**

*(Preregistration required)*

Thursday, March 16  
Grand Ballroom Salon G, 1:00 p.m. to 3:30 p.m.  
Instructors: Kimberly Wooten and Julia Huddleson

As ubiquitous as plastic may seem in the archaeological record, plastic artifacts are quickly moving into the period of historic significance. A basic understanding of this material type will be increasingly important for recording and evaluating archaeological sites. This workshop will give an overview of the history and development of plastics, followed by hands-on training with plastic artifacts from the early 1900s through to the modern era with a focus on domestic sites. In many ways, plastic can be seen as a hallmark of the Anthropocene, and the last 30 minutes will be a guided discussion of contemporary plastic archaeology, with time focused on individual solutions to the current plastic pollution crisis. A thumb drive of plastic reference materials will be included with the workshop fee.
## SCHEDULE AT A GLANCE

### THURSDAY, MARCH 16, ALL DAY

**SCA Board Meeting**  
Uptown Room, 9:00 a.m. to 3:00 p.m.

**Utility Meeting**  
Closed Meeting, Room 208, 10:00 a.m. to 3:00 p.m.

**Native American Hospitality Suite**  
Suite 409, hours will be included in the registration packet, at the Native American Programs Committee (NAPC) table in the atrium, and on the suite door.

### THURSDAY, MARCH 16, MORNING

**Workshop: Foraging Theory and Practice I**  
Grand Ballroom Salon A, 8:00 a.m. to 12:00 p.m.  
Instructor: Robert L. Bettinger, Distinguished Professor Emeritus, UC Davis

**Workshop: Construction Compliance Monitoring**  
Grand Ballroom Salon B, 8:30 a.m. to 12:00 p.m.  
Instructors: Dustin Swenson, Tony Overly, Monica Strauss, and Sara Dietler

**Workshop: Introduction to Comparative Osteology**  
WARNING: CLASS INCLUDES DEPICTIONS OF HUMAN REMAINS  
Grand Ballroom Salon F, 9:00 a.m. to 12:00 p.m.  
Instructors: Samantha Schell and Sophie Minnig

**Workshop: Plastics Identification**  
Grand Ballroom Salon G, 9:00 a.m. to 11:30 a.m.  
Instructors: Kimberly Wooten and Julia Huddleson

### THURSDAY, MARCH 16, AFTERNOON-EVENING

**Registration**  
Grand Ballroom Atrium, 1:00 p.m. to 5:00 p.m.

**Workshop: Foraging Theory and Practice II**  
Grand Ballroom Salon A, 1:00 p.m. to 5:00 p.m.  
Instructor: Robert L. Bettinger, Distinguished Professor Emeritus, UC Davis

**Workshop: Obsidian Hydration Dating**  
Grand Ballroom Salon B, 1:00 p.m. to 5:00 p.m.  
Instructors: Alexander (Sandy) Rogers, MA, MS, RPA

**Workshop: Underwater Cultural Heritage Resources Awareness**  
Grand Ballroom Salon C, 1:00 p.m. to 5:00 p.m.  
Instructors: Amy Gusick, Dave Ball, Denise Jaffke, and Marco Meniketti
Workshop: Introduction to Comparative Osteology
WARNING: CLASS INCLUDES DEPICTIONS OF HUMAN REMAINS
Grand Ballroom Salon F, 1:00 p.m. to 4:00 p.m.
Instructors: Samantha Schell and Sophie Minnig

Workshop: Plastics Identification
Grand Ballroom Salon G, 1:00 p.m. to 3:30 p.m.
Instructors: Kimberly Wooten and Julia Huddleson

Welcome Reception and Poster Signing
Skyline Room, 21st Floor, 4:00 p.m. - 7:00 p.m.

FRIDAY, MARCH 17, ALL DAY

Registration
Grand Ballroom Atrium, 8:00 a.m. to 5:00 p.m.

Book Room
East 2, 8:00 a.m. to 5:00 p.m.

Childcare Suite
Suite 418, 8:00 a.m. to 5:00 p.m.

Oral History Booth
Uptown Room, 10:00 a.m. to 5:00 p.m.

Native American Hospitality Suite
Suite 409, hours will be included in the registration packet, at the NAPC table in the atrium, and on the suite door.

FRIDAY, MARCH 17, MORNING

Plenary Session: Connecting People With the Past
East 1, 8:30 a.m. to 11:45 p.m.
Organizer: Anmarie Medin

FRIDAY, MARCH 17, AFTERNOON-EVENING

Bennyhoff Committee Meeting
Room 208, 11:30 a.m. to 12:30 p.m.
Chair: Pat Mikkelsen

California Maritime Archaeology Committee
Grand Ballroom Salon B, 12:00 p.m. to 2:00 p.m.
Chair: Tricia Dodds

Ethics Bowl
Junior Ballroom Salon 4, 12:00 p.m. to 2:00 p.m.

California Archaeological Site Stewardship Program
Room 210, 12:00 p.m. to 1:00 p.m.
Chairs: Beth and Chris Padon
Friends of Bill W. Meeting
Closed Meeting, Room 210, 5:00 p.m. to 6:00 p.m.

Symposium 1: The Anthropological Studies Center is Turning 50
East 1, 1:00 p.m. to 4:30 p.m.
Organizer: Mark Selverston

Symposium 2: Issues Impacting Submerged Cultural Resources in California
Grand Ballroom B, 2:30 p.m. to 4:30 p.m.
Organizer: Amanda Evans

Symposium 3: The “New” Public Archaeology: Expanding Our Understanding of Community Engagement and Social Impact Through Archaeological Practice in California
Grand Ballroom C, 1:00 p.m. to 4:15 p.m.
Organizer: Kaitlin M. Brown

General Session 1
PLEASE NOTE: ALL PAPERS IN THIS SESSION DISCUSS HUMAN REMAINS
Junior Ballroom 1, 1:30 p.m. to 2:15 p.m.

Forum 1: CalNAGPRA, Repatriation, and Anthropology
Room 208, 2:00 p.m. to 5:00 p.m.
PLEASE NOTE: THIS FORUM DISCUSSES HUMAN REMAINS

Symposium 4: Advances in California Archaeology and the Application of Stable Isotopes
PLEASE NOTE: ALL PAPERS IN THIS SESSION DISCUSS HUMAN REMAINS
Junior Ballroom 1, 3:15 p.m. to 4:15 p.m.
Organizers: Jessica Morales, Diana Malarchik, and Marcela Barron

Poster Session 1. Current Archaeometric Methods in California History and Prehistory
PLEASE NOTE: SOME POSTERS IN THIS SESSION DISCUSS HUMAN REMAINS
Junior Ballroom 2/3, 3:00 p.m. to 5:00 p.m.

Silent Auction
Peony Restaurant, 388 9th Street, Suite 288, Oakland, 6:00 p.m. to 9:00 p.m.

Registration
Grand Ballroom Atrium, 8:00 a.m. to 5:00 p.m.

Book Room
East 2, 8:00 a.m. to 5:00 p.m.

Childcare Suite
Suite 418, 8:00 a.m. to 5:00 p.m.

Oral History Booth
Uptown Room, 10:00 a.m. to 5:00 p.m.

Job Fair and Resume Tune-Up
CSUEB’s Oakland Center Campus, 12:00 p.m. to 5:00 p.m.
Native American Hospitality Suite
Suite 409, hours will be included in the registration packet, at the NAPC table in the atrium, and on the suite door.

SUNDAY, MARCH 18, MORNING

Symposium 5a: Vocalizing the Voices of the Ancestors: Sunol Valley Archaeological Investigations, Southeast San Francisco Bay Area, Part 1: Research Syntheses of Sunol Valley Archaeological Investigations
PLEASE NOTE: SOME PAPERS IN THIS SESSION DISCUSS HUMAN REMAINS
East 1, 9:00 a.m. to 12:00 p.m.
Organizers: Brian F. Byrd and Monica V. Arellano

Forum 2: Tribal Goals for Section 106 Consultation
Grand Ballroom A, 9:00 a.m. to 11:00 a.m.
Organizers: United Auburn Indian Community and Office of Historic Preservation

Symposium 6: PG&E’s Commitment to Cultural Resources
Grand Ballroom B, 8:30 a.m. to 12:00 p.m.
Organizers: Matthew Armstrong and Starla Lane

General Session 2: Science! Using New and Old Technology to Connect Us to the Past
Grand Ballroom C, 8:30 a.m. to 10:45 p.m.

General Session 3: Food! Subsistence, Foraging, and Foodways
Grand Ballroom F, 8:30 a.m. to 12:00 p.m.

Forum 3: California Indian Heritage Center Project
Grand Ballroom H, 9:00 a.m. to 12:00 p.m.

Forum 4: Public Archaeology of the San Francisco Bay Area
Room 208, 9:00 a.m. to 11:00 a.m.
Organizer: Kari Jones

General Session 4: Historical Archaeology
Grand Ballroom G, 9:00 a.m. to 11:30 a.m.

Symposium 7: Stories on the Front Porch: Papers in Honor of Dr. Margie Purser
Junior Ballroom, Salon 1, 8:15 a.m. to 12:00 p.m.
Organizers: Alexis Boutin and Ben Harris

POSTER SESSION 2
Junior Ballroom Salon 2/3, 8:15 a.m. to 10:00 a.m.

POSTER SESSION 3
Junior Ballroom Salon 2/3, 10:15 a.m. to 12:00 p.m.

Forum 5: Stopping the Curation Flood: Alternative Mitigation Measures and Why They Matter
Room 211, 9:00 a.m. to 11:00 a.m.
Organizers: Wendy Giddens Teeter and Buffy McQuillen

Curation Committee Meeting
Room 211, 11:15 a.m. to 12:00 p.m.
Organizer: Wendy Giddens Teeter
SATURDAY, MARCH 18, AFTERNOON-EVENING

Let's Do Lunch
Offsite, 11:45 a.m. to 1:00 p.m.

Women in California Archaeology Open Forum
Grand Ballroom A, 12:00 p.m. to 1:00 p.m.
Organizers: Kaely Colligan, Kaitlin Brown, and Annamarie Guerrero

Symposium 5b: Vocalizing the Voices of the Ancestors: Sunol Valley Archaeological Investigations, Southeast San Francisco Bay Area, Part 2: Public Outreach – Showing and Discussion of the PBS Documentary Film *Time Has Many Voices*
East 1, 1:00 p.m. to 3:00 p.m.
Organizers: Brian F. Byrd and Monica V. Arellano

Forum 6: Powering Preservation: A Discussion of Challenges and Approaches to Cultural Resources Management Among California Utilities
Grand Ballroom B, 1:00 p.m. to 4:00 p.m.
Organizers: Bronwynn Lloyd and Sophie Minnig

General Session 5: Lithic Technology
Grand Ballroom C, 1:30 p.m. to 3:15 p.m.

General Session 6: Present-Day Issues and Advances
Grand Ballroom F, 1:30 p.m. to 4:30 p.m.

General Session 7: Landscape and Networks
Grand Ballroom G, 1:30 p.m. to 4:00 p.m.

Symposium 8: Before the Bay: A Deeply Buried Cultural Site Beneath the City of San Francisco
Grand Ballroom H, 1:00 p.m. to 3:15 p.m.
Organizers: AECOM (Karen Gardner)

Symposium 9: Breathing New Life into Legacy Collections at CSUN: From NARC to Now
Junior Ballroom, Salon 1, 1:00 p.m. to 3:15 p.m.
Organizers: Sarah Bertman and Heather Seiden

Annual NAPC Forum: Shellmounds of the Bay Area
Room 208, 1:00 p.m. to 4:00 p.m.
Organizer: Gregg Castro, NAPC Chair

Poster Session 4
Junior Ballroom Salon 2/3, 1:30 p.m. to 3:00 p.m.

Poster Session 5
Junior Ballroom Salon 2/3, 3:15 p.m. to 4:45 p.m.

Forum 7a: Pathways to Equity and Inclusion in Archaeology - Round Table (Closed)
Room 211, 1:15 p.m. to 2:45 p.m.

Forum 7b - CDCA Open Forum: Equality and Inclusion
Room 211, 2:45 p.m. to 3:45 p.m.

CDCA Leadership Meeting (Closed)
Room 211, 3:45 p.m. to 4:45 p.m.
SCA Business Meeting  
Junior Ballroom, Salon 1, 4:00 p.m. to 5:00 p.m.

CalTHPO Meeting (Closed)  
Room 210, 2:00 p.m. to 4:00 p.m.

Awards Banquet  
East 1, 6:00 p.m. to 10:00 p.m.

SUNDAY, MARCH 19, ALL MORNING

Book Room  
East 2, 8:00 a.m. to 12:00 p.m.

SCA Executive Board Meeting  
Offsite, 11:00 a.m. to 12:30 p.m.

Field Trips  
1. USS Hornet, Sea, Air, and Space Museum. 10:00 a.m. to 12:00 p.m.  
2. Coyote Hills Tour. 9:30 a.m. to 12:00 p.m.  
3. Women in Archaeology Panel. 12:00 p.m. to 5:00 p.m.
FRIDAY, MARCH 17, MORNING

Plenary Session: Connecting People With the Past
East 1, 8:30 a.m. to 11:45 a.m.
Organizer: Anmarie Medin

The SCA’s mission statement says that the organization is dedicated to the research, understanding, interpretation, and conservation of the heritage of California, but what does that mean in practice? We spend lots of time on fieldwork and writing reports, but how much of that actually gets beyond the gray literature out to a larger audience? If we truly want to build appreciation for the heritage of California, we need to engage with the general public to explain how archaeology is more than “being Indiana Jones” or finding gold. The last several national presidential elections have resulted in shifts in federal policies that have had major implications for archaeological and cultural resources. Building interest in archaeology has the potential to carry forward into building political support for preservation. But how does the average archaeologist connect with audiences? These panelists all bring skills in connecting with varied audiences, from children to racial minorities to differently abled people. They will share stories of how they connect to lay audiences to build appreciation for California’s heritage. Hopefully, their examples will inspire SCA members to expand their interpretation efforts and tap into their creativity.

8:30  Introductory Remarks and Blessing
     Traditional Welcome and Blessing: Corinna Gould, Spokeswoman and Tribal Chair of the Confederated Villages of Lisjan/Ohlone
     Safety Comments: Maggie Trumbly, SCA Treasurer
     Opening Remarks: Anmarie Medin, SCA President

9:20  It’s Elementary: Archaeology Education for School-Aged Children
     Emily Anderson

9:35  Archaeology is for Everyone: A Grassroots Effort to Normalize a Change in Archaeology’s Complexion
     Dana L. Cota

9:50  A View from the Other Side
     Beth Armstrong

10:00 Break

10:15  Diving with a Purpose: Changing the Field from the Outside
     Ayana Flewellen

10:30  Virtual Adventurer: Creating Immersive Heritage Experiences for California State Park visitors
     Leslie L. Hartzell

10:45  Seize Every Opportunity
     Tammara Norton

11:00  More Than Just a Rock: Restoring Íⁿ’zhúje’waxóbe to the Kaw Nation
     James Pepper Henry (Kaw Nation)

11:15  Panel Discussion (30 minutes)

FRIDAY, MARCH 17, AFTERNOON

California Maritime Archaeology Committee
Grand Ballroom Salon B, 12:00 p.m. to 2:00 p.m.
Chair: Tricia Dodds
The California Maritime Archaeology Committee advocates for the protection of maritime cultural resources, including prehistoric and historic resources in California’s lakes, rivers, reservoirs, and coastal areas, through continued developments in maritime archaeological method and theory. This meeting will review current projects focused on underwater work and provide updates. The meeting will also focus on the promotion of public outreach of maritime archaeology through social media and the development of professional standards and guidelines for survey, testing, and research. This is an open meeting to all colleagues interested in maritime archaeology.

**Ethics Bowl**
Junior Ballroom Salon 4, 12:00 p.m. to 2:00 p.m.
Chairs: Amira Ainis and Brendon Greenaway

The Ethics Bowl is based on actual events that raise ethical issues about archaeological practice and research. These are sometimes related to field research where issues of ethical concern have occurred. Issues surrounding museum collections are another good source for cases, but cases may be based on any aspect of archaeological practice in California. There is usually a primary ethical issue that is the focus of the case, but may have several issues. All cases are published beforehand and all participating teams are expected to read, research, and discuss them, and even to conduct mock competitions as a means of preparation. A good deal of preparation by the teams is advisable, resulting in a significant learning opportunity for the team members in terms of ethics and judgment. We see this as a great way to help prepare future California archaeological professionals to make sound ethical decisions in archaeological practice.

**Symposium 1: The Anthropological Studies Center is Turning 50**
East 1, 1:00 p.m. to 4:30 p.m.
Organizer: Mark Selverston

From its inception by David Fredrickson in 1974, the Anthropological Studies Center (ASC) has conducted cultural resources management (CRM) projects through Sonoma State University for nearly 50 years. A core tenet of the ASC was that CRM projects would fund not only a staff of professional archaeologists, but also a facility to appropriately store archaeological collections, outreach efforts to the public, hands-on educational opportunities for students at Sonoma State, educational opportunities for other researchers and local schools, and form collaborations with descendant communities and California Indian Tribes. As the 50th anniversary approaches, this forum/symposium will look back and reflect on past projects, internships, classes, collaborations, and experiences that the ASC was able to bring to the CRM community of California. Please join ASC alumni and staff as we celebrate past projects and events and how they shaped both individuals’ careers and California archaeology. Bring your own stories and memories as audience participation will be encouraged at various occasions during this dynamic retrospective.

1:00  *ASC Paleo Period Introduction*  
John Holson

1:05  *What Led to the ASC*  
Thomas King

1:20  *The Lab: 1974-1984*  
Greg White

1:35  *Reminiscences*  
Kathy Dowdall and Otis Parish

1:45  *From the Eel River to Pacific Legacy: Enduring Lessons Learned at Sonoma State University*  
John Holson

1:55  *Before the ASC* (followed by guitar jam)  
Richard Hughes
2:10  Break (with slide show)
2:25  **ASC Archaic Period Introduction**
     Mark Selverston
2:30  **The Cypress Freeway Replacement Project: What We Got Right and What We Didn’t**
     Mary and Adrian Praetzellis
2:45  **The Place of the Sonoma State ASC in the History of California Archaeology**
     Terry L. Jones
3:00  **How to Do CRM with People**
     Jennifer Darcangelo
3:10  **His-Story of Serendipity**
     Jack Meyer
3:20  Break (with slide show/video)
3:35  **ASC Emergent Period Introduction**
     Thomas Whitley
3:40  **A Darn Good Education**
     Anmarie Medin
3:50  TBD
     Jessica Tudor Elliot
4:05  **From a Clearinghouse in the Basement, to a Center Overlooking Sonoma Mountain: A Look Back at the Evolutionary Role of the Northwest Information Center in the Management of Our Statewide Inventory**
     Bryan Much
4:15  **Spam and Beans: A Look Back at 50 Years of Student Training and Research Excellence at the Anthropological Studies Center, and Some Observations on the Future of the Center and CRM**
     Michael Newland

**Symposium 2: Issues Impacting Submerged Cultural Resources in California**
Grand Ballroom B, 2:30 p.m. to 4:30 p.m.
Organizer: Amanda Evans

The papers in this session will highlight and discuss regulatory, technological, and social issues impacting the study and management of submerged cultural resources within California state waters. These issues are playing an increasingly important role in the long-term preservation and management of submerged cultural resources across the nation. Recent legislative efforts expanding infrastructure and offshore renewable energy development are expected to increase the demand for regulatory review along the California coast, and these same issues will be critical to protecting California’s unique maritime heritage.

2:30  **The Right Tools for the Job: Evaluating Whether Best Practices Address Stakeholder Interests in Underwater Archaeology**
     Amanda Evans
2:45  **BOEM Pacific Region Updates on Offshore Archaeology**
     Bert Ho and Dave Ball
3:00  **Best Practices and Logistical Feasibility: Future Preservation and Management of Submerged Heritage in California**
     Lynn Dodd and Jackson Fitzgerald
3:15  Break
3:30  **Lake Tahoe’s Underwater Resources: Previous Work, and New Direction**
     Denise Jaffke, William Bloomer, and D. Craig Young
3:45  **Maritime Heritage Management Within the National Marine Sanctuary System**
     Hans Van Tilburg
4:00  The Drake Landing Site Controversy Revisited: XRF Analysis of Sixteenth Century Chinese Ceramics from Pt. Reyes, California
Marco Meniketti

Symposium 3: The “New” Public Archaeology: Expanding Our Understanding of Community Engagement and Social Impact Through Archaeological Practice in California
Grand Ballroom C, 1:00 p.m. to 4:15 p.m.
Organizer: Kaitlin M. Brown

As a discipline that has moved beyond casually participating in public-facing outreach in K-12 settings, public archaeology is emerging into a broader ranging field that critically engages with theory and scholarship. It incorporates various specialties, from Indigenous archaeology to student-centered fieldwork and stakeholder-led programs. Among all these diverse approaches, one commonality is a commitment to an archaeological practice that engages with the present day. This symposium explores how archaeologists working in California practice public archaeology, emphasizing their role in understanding impacts to local communities and responsibilities to broader social issues.

1:00  The Old, “New,” and Future of Public Archaeology
Kaitlin M. Brown

1:15  Public Archaeology at Public Universities: Community Engagement Meets Risk Assessment and Institutional Review
James E. Snead

1:30  Saving CI: Cultural Heritage at CSU Channel Islands
Colleen M. Delaney

1:45  Public Archaeology as Public Memory: Collaborative Approaches to Honoring Native Presence at Mission Santa Clara
Lee M. Panich, Charlene Nijmeh, and Monica V. Arellano

2:00  Break

2:15  Indigenous Archaeology from the Grey Space: Rethinking Temporal Invisibility in the Archives
Nathan Acebo

2:30  Public and Community-Based Archaeologies in Spanish Colonial California
GeorgeAnn DeAntoni

2:45  Protecting Our Most Valued Cultural Resources: What Does Public Archaeology Mean for State Parks in Greater Los Angeles?
Barbara S. Tejada

3:00  Constructing Context Before, During, and After Internment: Exploring Japanese American Incarceration and the Historic 20th Century Redman-Hirahara Farmstead
Jacob Stone

3:15  Break

3:30  The Forgotten Frontier: Utilizing African American Archaeology in the Comparative Analysis of Two Late-Nineteenth Century Los Angeles Homesteads
Madison Baker and Austin Ringelstein

3:45  “We Are Still Here”: Past, Present, and Future at an African American Homestead in the Santa Monica Mountains
Austin Ringelstein

4:00  Discussant: Shannon Tushingham

General Session 1
PLEASE NOTE: ALL PAPERS IN THIS SESSION DISCUSS HUMAN REMAINS
Junior Ballroom 1, 1:30 p.m. to 2:15 p.m.
1:30  Opening Barrel 13: Reconstructing Provenience of a 19th-Century Excavation on Pimu Catalina Island, California, Through a Shell and Glass Bead Analysis  
Melanie Radtkey

1:45  A Comparison of Dental Microsectioning Methods for Isotopic Weaning Reconstruction in a Pre-Contact Californian Context  
Erin A. Boyle

2:00  Temporal Patterns of Probable Anemia in the San Francisco Bay Area: Perspectives on Childhood Experiences Among the Muwekma Ohlone  
Eric Bartelink, Alan Leventhal, and Monica Arellano

Forum 1: CalNAGPRA, Repatriation, and Anthropology
PLEASE NOTE: THIS FORUM DISCUSSES HUMAN REMAINS
Room 208, 2:00 p.m. to 5:00 p.m.
A discussion of best practices for repatriation in California with an emphasis on creating processes that respect the sovereignty of Tribes, address and heal trauma in the repatriation process, identify and remove barriers to repatriation as an outcome, and explores the new ethical framework of repatriation. Note: There will be discussion of Tribal Ancestors (human remains) because of the nature/topic of the symposium.
Panel:
Nakia Zavalla, Tribal Historic Preservation Officer and Culture Director, Santa Ynez Band of Chumash Indians  
Laverne Bill, Cultural Resources Manager, Paskenta Band of Nomlaki Indians  
Pattie Garcia, Director of Historic Preservation, Agua Caliente Band of Cahuilla Indians  
Shasta Gaughen, PhD, Environmental Director/Tribal Historic Preservation Officer, Pala Band of Mission Indians  
Robert Geary, Resources Director/Tribal Historic Preservation Officer, Habematolel Pomo of Upper Lake  
Anthony Burris, Cultural Committee Member, Ione Band of Miwok Indians  
Melodi McAdams, Tribal Heritage Manager, United Auburn Indian Community of the Auburn Rancheria  
Creed Stedman, Tribal Historic Preservation Committee Member and Tribal Heritage Assistant, United Auburn Indian Community of the Auburn Rancheria and University of California, Berkeley, Native American Advisory Committee

Symposium 4: Advances in California Archaeology and the Application of Stable Isotopes
PLEASE NOTE: ALL PAPERS IN THIS SESSION DISCUSS HUMAN REMAINS
Junior Ballroom 1, 3:15 p.m. to 4:15 p.m.
Organizers: Jessica Morales, Diana Malarchik, and Marcela Barron
This session highlights the use of stable isotope analysis in prehistoric and historic California archaeology. Case studies include the use of stable isotopes to reconstruct paleoenvironments, seasonality, age of weaning, mobility, and subsistence practices, including the feeding ecology of various taxa. We aim to not only showcase the application of stable carbon, nitrogen, oxygen, sulfur, and strontium isotopes in California archaeology, but also emphasize the importance of collaboration between archaeologists, Native American communities, and cultural resource management companies to conduct these various studies when applicable, but always with the utmost respect to the peoples we study.

3:15  Changes in Women’s Labor and Decreased Age of Weaning in 19th Century Immigrants: New Stable Isotope Data from Individuals Buried in San Francisco, California  
Diana Malarchik, Jelmer W. Eerkens, Nikoletta Karapanos, Aja Sutton, and Tom Ostrander
3:30  Teenage Diets among Males and Females at an Ancestral Ohlone Site in San Jose, California
      Kamil Rochon, Sophia Lindemuth, Jelmer W. Eerkens, Monica V. Arellano, and Alan Leventhal

3:45  CA-ALA-695/H and the Meganos Aspect from a Chronological and Isotopic Perspective
      Edgar Huerta, Jelmer Eerkens, Christina Alonso, and Ramona Garibay

4:00  Insights Into Middle Period Isotopic Biographies and Weaning Patterns Within San Mateo County
      Daniel Goring, Michelle Zimmer, Chris Canzonieri, and Jelmer Eerkens

Poster Session 1: Current Archaeometric Methods in California History and Prehistory

PLEASE NOTE: SOME POSTERS IN THIS SESSION, MARKED WITH DOUBLE ASTERISKS, DISCUSS HUMAN REMAINS
Junior Ballroom 2/3, 3:00 p.m. to 5:00 p.m.
Organizer: Jill Eubanks

The following posters bring together student research projects at UC Davis, conducted in collaboration with several Tribal organizations and CRM firms. Posters focus on the use of both traditional and archaeometric analytical techniques to extend our knowledge of human activities in the past. Topics covered include dietary and paleoenvironmental reconstruction, life histories, and historical ecology.

Using Historic Death Records to Better Understand Archaeological Data
Katharina Lenz and Diana Malarchik

Stable Isotope Analysis of Avian Species Recovered from the East Bay Archaeological Site, CA-ALA-554
Yiran Su, Jill Eubanks, Jelmer Eerkens, and Ramona Garibay

Stable Isotope Analysis of Deer Remains from Alameda County
Brooke Morey, Jill Eubanks, Jelmer Eerkens, and Ramona Garibay

Historical Ecology of Fisheries in the California Delta
Dalenn Dearman, Jelmer Eerkens, Ken Gobalet, Chris Canzonieri, and Jason Miszaniec

Investigating Cooperative Seasonal Hunting in the Western Great Basin Using Stable Isotopes in Pronghorn Remains
Andrea Levinson, Jelmer Eerkens, Randy Haas, Eric Dillingham, and Jessica Morales

**A Comparison of Male and Female Childhood Diet at a Middle Period Site in San Jose, California
Sophia Lindemuth, Kamil Rochon, Jelmer W. Eerkens, Monica V. Arellano, and Alan Leventhal

**Clam Harvesting Seasonality and Fish Bone Isotopes at a Disturbed Midden Site in San Francisco, California
Moonylly Winokur, Jelmer Eerkens, Alex DeGeorgey, and Jason Miszaniec

**Newly Discovered Site CA-SCL-001070/H Reveals Glimpse into Early California Indians Living in the Santa Clara Valley
Stephanie Bertagnole and Josie Twigg
Symposium 5a: Vocalizing the Voices of the Ancestors: Sunol Valley Archaeological Investigations, Southeast San Francisco Bay Area, Part 1: Research Syntheses of Sunol Valley Archaeological Investigations

PLEASE NOTE: SOME PAPERS IN THIS SESSION DISCUSS HUMAN REMAINS

East 1, 9:00 a.m. to 12:00 p.m.
Organizers: Brian F. Byrd and Monica V. Arellano

This symposium synthesizes results of recent archaeological mitigation projects at three Native American settlements spanning a 2,500-year period of occupation of the Sunol Valley. All three projects were community-based archaeological investigations led by the Muwekma Ohlone Tribe and joined by an interdisciplinary team of researchers with consistent investigative approaches, field methods, and analytical techniques. The symposium has two parts, morning and afternoon sessions. Part 1 highlights important research results, with particular emphasis on the ancestral Ohlone site of Síi Tu'upentak (CA-ALA-565/H), organized into four themes, each having several short talks and a question/answer period. This format provides an opportunity for discussion between the researchers and the audience in a topic-centered manner.

### THEME 1: PLACING THE STUDY IN CONTEXT (9:00 a.m. to 9:42 a.m.)

9:00  Summary of Sites, Fieldwork and Results: Ancestral Ohlone Settlements of the Sunol Valley – A 2,500-Year-Long Diachronic Perspective
Brian F. Byrd

9:08  Collaborative Studies and Analytical Decision-Making: Doing Collaborative, Community-Based Archaeology in the Sunol Valley
Monica V. Arellano

9:16  Muwekma Ohlone Ethnohistory: Ethnohistory, Historic Ties, and Tribal Stewardship of the Síi Tu'upentak “Place of the Water Round House Site” (CA-ALA-565/H)
Alan Leventhal

9:24  Geoarchaeology: Natural and Cultural Stratigraphy of Síi Tu'upentak
Philip Kajjankoski

9:32  Q & A
Laurel Engbring and Brian F. Byrd

### THEME 2: LIFE AT SUNOL (9:42 a.m. to 10:32 a.m.)

9:42  Archaeobotanical Trends: Plant Remains from Sunol Valley
Eric Wohlgemuth

9:50  Faunal Trends and Deer Seasonality
Adrian Whitaker, Jill Eubanks, and Kenneth Gobalet

Laurel Engbring and Brian F. Byrd

10:06  Regional Trade and Exchange Networks as Reflected from Sunol Valley
Lucas R. Martindale Johnson and Brian F. Byrd

10:14  Historic Archaeology of the Sunol Adobe and Rancho: Archaeology of Mexican and American Periods Households at the Suntol Rancho, Alameda County, California
Douglas E. Ross
10:22  Q & A  
Brian F. Byrd

10:32  Break

**Theme 3: Life History of Ancestors**

10:47  **Osteological and Health Patterns: Skeletal Pathology at CA-ALA-565/H with Possible Causations**  
Dave Grant and Diane DiGiuseppe

11:00  **Dietary and Weaning Patterns: Two Thousand Years of Diet and Weaning in Sunol: The Stable Isotope View**  
Jelmer Eerkens

11:08  **Infant Mortality Patterns: Sex-Biased Differences in Infant Mortality and Life Expectancy at Sii Túupentak, an Ancestral Ohlone Village in Central California (ca. 540-145 cal BP)**  
Tammy Buonasera, Jelmer Eerkens, Brian Byrd, Laurel Engbring, Monica Arellano, Alan Leventhal, and Glendon Parker

11:16  Q & A  
Laurel Engbring

**Theme 4: Unique Social Insights from the Study of Ancestors**

11:26  **Strontium Residential Patterns: Mobility and Residence at Sii Túupentak Through Strontium Isotope Analysis**  
Laura Harold

11:34  **Tobacco Use Trends: Gender and Ritual Plant Use at Sii Túupentak: Collaborative Research Reveals Women’s Tobacco Use and Expertise in California**  
Shannon Tushingham

11:42  **Paleogenomic Results: Paleogenomic Analysis of Ohlone Ancestors**  
Ripan S. Malhi

11:50  Q & A  
Brian F. Byrd

**Forum 2: Tribal Goals for Section 106 Consultation**

Grand Ballroom A, 9:00 a.m. to 11:00 a.m.
Organizers: United Auburn Indian Community (UAIC) and Office of Historic Preservation (OHP)

36 CFR Part 800.16(f) defines consultation as the process of seeking, discussing, and considering the views of other participants, and, where feasible, seeking agreement with them regarding matters arising in the Section 106 process. Tribes are sovereign nations and should be respected and recognized as such. Tribal consultation must constitute more than a notification, focusing on discussions, coordination, and collaboration. Tribes must be able to have an impact on decisions as to whether and how a project will move forward to constitute meaningful consultation, taking into consideration the Tribal goals of Section 106 including identification, preservation, and restoration. This forum will present perspectives from UAIC and OHP and will leave time for audience questions and answers.

**Symposium 6: PG&E’s Commitment to Cultural Resources**

Grand Ballroom B, 8:30 a.m. to 12:00 p.m.
Organizers: Matthew Armstrong and Starla Lane

Both in support of Section 106 undertakings and CEQA projects and as a good steward, PG&E promotes analysis, understanding, and preservation of cultural resources. This symposium presents information on multiple cultural resources studies done in support of PG&E projects throughout California.

8:30  **Pacific Gas and Electric’s Creative Mitigation**  
Jennifer Darcangelo, Leslie Sakowicz, and Eric Wohlgemuth
8:45  Programmatic Approaches to Cultural Resource Management for Utility Infrastructure on Agency Lands
      Mike Taggart

9:00  Recent Underwater Archaeological Surveys at Angel Island: A Template for Future Work
      Denise Jaffke, Courtney Higgins, Bronwynn Lloyd, Walt Holm, John Clauss, and Ken Kramer

9:15  Results of a Cultural Resources Study for the Angel Island Submarine Cable Replacement Project, Marin County, California
      Mike Lenzi, Kruger Frank, Robert Fitzgerald, Bronwynn Lloyd, and Kate Green

9:30  Break

      Justin Wisely, Christophe Descantes, Sharon Waechter, and Sarah Heffner

10:00 The Stairway of Power: Creative Mitigation for Significant Infrastructure
      Maureen McCoy and Kathleen Forrest

10:15 Documentary Film: Towers of Power
      Kathleen Forrest and Maureen McCoy

10:45 Break

11:00 PG&E’s Cultural Review Process: In-Person Office Hours (60 minutes)
      Starla Lane

General Session 2: Science! Using New and Old Technology to Connect Us to the Past
Grand Ballroom C, 8:30 a.m. to 10:45 a.m.

8:30  A Data Analysis Framework for Stable Isotope Sclerochronology and the Interpretation of Shell-Bearing Archaeological Sites
      Jordan Brown

8:45  Macroscopic and Geochemical Characterization of Monterey Chert at CA-SLO-797 and CA-SLO-1760
      David Gronquist, Hector Neff, and Chad Jackson

9:00  A Comparative Analysis of Archaeological Methods: Low Impact and High Impact Archaeology in Santa Cruz, California
      John Yunker, Alec Apodaca, Nicholas Laluk, and Kent Lightfoot

9:15  Napa Glass Mountain and Environs: What the Glass Fire of 2020 Revealed
      Tom Origer

9:30  Break

9:45  Post Fire Survey in Mendocino and Humboldt County West Side Data
      Nick Angeloff, Rianna Bowen, Michael McDermott, and Mark Castro

10:00 Testing for Significance of Bedrock Mortar Sites with Starch Grain Analysis
      Gloria Howat Brown, Jessica Neal, and Justin Wisely

10:15 Identification, Quantification, and Allometric Studies of Harvested Sea Urchin (Strongylocentrotus purpuratus and Mesocentrotus franciscanus) on California’s Channel Islands
      Amira F. Ainis

10:30 Maternal Foraging Energetics in an Acorn Subsistence Economy
      Alexandra Greenwald, Alexandra Niclou, Gregory Burns, Hayley Kievan, Abby Baka, A. Ja’net Baide, and Cara Ocobock

General Session 3: Food! Subsistence, Foraging, and Foodways
Grand Ballroom F, 8:30 a.m. to 12:00 p.m.

8:30  The P-NP Kinematics of Ecological Succession or the Predictive Dynamics of Foraging
      John Lopez
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<td>Long-Term Perspectives on Human-Environment Interactions Among Island Tongva</td>
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<td>9:00</td>
<td>An Eco-Archaeological Analysis of an Ancient Village site in the Santa Cruz Mountains: Settlement, Subsistence, and Land Management Practices Over the Past 1,000 Years</td>
<td>Makenna Brown and Kent Lightfoot</td>
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<td>Revisiting the Alpine Zone: Preliminary Zooarchaeological Analysis of Crooked Creek Cave</td>
<td>George P. Ellis and Jacob L. Fisher</td>
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<td>9:45</td>
<td>Isotopic Analyses of Fauna from CA-ALA-11</td>
<td>Alyson Caine, Jelmer Eerkens, Josie Twigg, and Caitlin Jean Hannah</td>
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<td>10:00</td>
<td>Freshwater Gastropods: Snacks or Staples? 6,000 Years of Supplemental Diet in the Upper Sacramento Valley</td>
<td>Kristina Crawford</td>
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<td>10:15</td>
<td>Starch Grain Residue Analysis of Bedrock Milling Features: A New Approach to Identifying Taskscapes</td>
<td>Doshia Dodd</td>
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<td>10:30</td>
<td>A Review of Paleobotanical Data from Camp Roberts</td>
<td>Ethan Bertrand</td>
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<td>11:00</td>
<td>The Butterfly Effect: Technology and Plant Use in Late Owens Valley Prehistory</td>
<td>Jenna Santy</td>
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<td>11:15</td>
<td>An Examination of Late Holocene Marine Mammal Hunting on Santa Rosa Island</td>
<td>Summer A. Hagerty and Christopher S. Jazwa</td>
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<td>11:30</td>
<td>Late Holocene Size Variation of Mytilus californianus Remains from Shelter Cove (CA-HUM-182), Northern California</td>
<td>Hayley T. Kievman, Kurt M. Wilson, Roxanne Lois F. Lamson, Arthur Gyumushyan, Brian F. Codding, and Alexandra M. Greenwald</td>
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<td>11:45</td>
<td>Situating Spanish and Indigenous Foodways Within Mission Santa Clara</td>
<td>Sarah Noe</td>
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**Forum 3: California Indian Heritage Center Project**

Grand Ballroom H, 9:00 a.m. to 12:00 p.m.

The vision of the California Indian Heritage Center (CIHC) is to honor the diversity and history of California Indian peoples’ cultural and tribal traditions, nurture contemporary expressions, and facilitate research and education, for California, the nation, and the world. The CIHC will enhance public understanding of traditional and spiritual beliefs, practices, and contributions to promote dialogue between generations. It will provide educational opportunities to research and understand California’s Indian history, cultures, and the impact of contemporary issues. The Center will partner with tribal communities, regional cultural centers, and museums to create a statewide perspective on California’s diverse Indian cultural legacy. Once complete, the 51-acre CIHC site — at the confluence of the American and Sacramento rivers in west Sacramento — will draw visitors from across California, the nation, and the world to this center of statewide significance for cultural preservation, learning, exchange, land stewardship based on Native American values, and a place to engage all visitors in celebrating the living cultures of California tribe communities.

To develop the CIHC, a thoughtful and comprehensive community outreach process has begun to engage California tribes and Native American people across the state. This community outreach is critical for gathering feedback to properly represent a collective perspective of insight that will guide the design of the future Center. CIHC Outreach Team members will attend the 2023 SCA Annual Meeting for this purpose. Bringing archaeology into dialogue with California Native American culture and history is a valuable contribution,
and feedback will be sought during a listening session with members of the CIHC Design and Outreach Team, who will include Brian Fagerstrom, Lisa Jelliffe, Dennis Hendricks, James Pepper Henry, Al Roberts, Deborah Lucking, and others. Please come by to talk with us to learn more about this endeavor.

**Forum 4: Public Archaeology of the San Francisco Bay Area**
Room 208, 9:00 a.m. to 11:00 a.m.
Organizer: Kari Jones

Public archaeology is well established in the San Francisco Bay Area. Efforts to share archaeological research with the public and involve communities in the co-creation of research are embedded in the work of many. In this forum, participants from across the Bay Area will share some of their recent projects and discuss the best methods for connecting people with cultural heritage. Professionals from parks, government agencies, universities, non-profit organizations, and museums are included on the panel to try to capture the diversity of work within the Bay Area and beyond. Critical questions to be considered include: What works when engaging the public? How do we make space for and represent multiple perspectives on the past? What are the main challenges of this work? What are the drawbacks of sharing research with the public and how can we address those ethically? How do we involve communities in research from project planning to execution? How do we better engage diverse audiences?

**General Session 4: Historical Archaeology**
Grand Ballroom G, 9:00 a.m. to 11:30 a.m.

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<tr>
<th>Time</th>
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<tr>
<td>9:00</td>
<td><strong>Preliminary Findings from Investigations at a Late Victorian House Site on Stanford University Lands</strong></td>
<td>Garrett Trask</td>
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<td>9:15</td>
<td><strong>Hidden Agricultural Landscapes: Chinese Farms in the San Bernardino Valley</strong></td>
<td>Laura W. Ng</td>
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<td>9:30</td>
<td><strong>An Overview of Tablewares from 19th-Century Sites in the San Francisco Bay Area</strong></td>
<td>Mark Walker</td>
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<td>9:45</td>
<td><strong>We Hit the Mother Lode! Survey and Site Recording in the Central Sierra Foothills</strong></td>
<td>Shauna Mundt</td>
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<td>10:00</td>
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<td>10:15</td>
<td><strong>The Sacramento City Garbage Crematory Faunal Assemblage: An Introduction</strong></td>
<td>Rachel Davies</td>
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<td>10:30</td>
<td><strong>Stitching a Community: Merchant and Worker Agency in the Chinese Garment Industry</strong></td>
<td>Sandra Massey Konzak and Dana Ogo Shew</td>
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<td>10:45</td>
<td><strong>The Mission San Fernando Water System in the 21st Century</strong></td>
<td>Marc A. Beherec</td>
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**Symposium 7: Stories on the Front Porch: Papers in Honor of Dr. Margie Purser**
Junior Ballroom, Salon 1, 8:15 a.m. to 12:00 p.m.
Organizers: Alexis Boutin and Ben Harris

Dr. Margaret Purser recently retired from Sonoma State University after more than 30 years in the Anthropology Department and Cultural Resources Management Master’s Program. During Margie’s career, she taught thousands of students, supervised dozens of M.A. theses, and trained an entire generation of cultural heritage professionals. Her research is impressively wide-ranging, employing methods from material culture studies, folklore/folklife, historical archaeology, oral history, and GIS to document and explore cultural landscapes, memory communities, and heritage maps in California, the American West, and the Pacific, both on land and underwater. Margie’s goal at Sonoma State was “to build something,” and the papers in this session by her colleagues and students will discuss how they have implemented her teachings.
and emulated her models in their professional practice, thereby reshaping the future of historical archaeology and cultural heritage and resources management.

8:15  From the End of a Shovel to Roaming Redwood Forests: The Influence of Dr. Margie Purser on My Approach to Cultural Resource Management Within Government Agencies  
Ben Harris

8:30  Mothering and Mentoring  
Jennifer Darcangelo and Seana L. S. Gause

8:45  Dr. Purser’s Influence Continues Through the ASC Internships  
Samantha F. Dollinger

9:00  By Way of Levuka, As Not Every Path Forward Is Straight: A Former Graduate Student’s Reflection on the Impact of a Professor  
Bryan Much

9:15  Break

9:30  Exploring Life and Death at the Sonoma Developmental Center, 1890s-1960s: An Interdisciplinary, Community-Based Project  
Alexis T. Boutin, Benjamin Smith, Rene Rodriguez, Serena Chan, Cynthia Aczel, Charlotte Jion, and Lydia Ruybal

9:45  What’s a Nice Precontact California Archaeologist Like You Doing in a Historical Archaeological Project Like This? Kashia, Coast Miwok, Alaska Native, and European Interactions in the Greater Metini/Colonies Ross Neighborhood  
Sandra E. Hollimon

10:00  Margaret Purser’s Influence on the Study of Fort Ross  
Glenn J. Farris and Kent G. Lightfoot

10:15  Towards a Socially Just Heritage Management: TCL Methods, a Kashaya Pomo Example  
Katherine M. Dowdall and Otis O. Parrish

10:30  “We Know Our History”: Reframing Significance and Integrity Through a Heritage Lens in the Greater Area of Annapolis, California  
Nicholas Radtkey

10:45  Break

11:00  Places that Matter: Geospatial Tools for Management of Public Lands Using Ethnography, Ethnohistory, and Direct Tribal Engagement  
Evan Tudor Elliott and Christopher Lloyd

11:15  The Sacramento-San Joaquin Delta as Tribal Cultural Resource  
Michael Newland, Susan Lassell, Jena Rogers, Anecita Agustinez, and Kristina Reese

11:30  Lessons in the Landscape: A Tribute to Dr. Margie Purser  
Noelle Shaver

11:45  Discussion Comments for the “Front Porch” Session  
Margaret Purser

**Poster Session 2**
Junior Ballroom Salon 2/3, 8:15 a.m. to 10:00 a.m.

*How to Get Started in GIS in Archaeology*  
Aleck Tan

*Remote Sensing and Geophysics as Low Impact Methodologies*  
Louis Curson-Mayorga, Jun Sunseri, Rebecca Allen, Matthew Moore, and Shelby Medina
Teaching Community-Accountable Archaeology: Pedagogy and Practice
Nicholas C. Laluk, Jun Sunseri, Tanya Bertone, Justin Limoges, Shelby Medina, Louis Curson-Mayorga, and Madeleine Strait

California Tribal Unilateral Apprenticeship Program (CTUAP)
John Pryor and Michael Youngblood

Mitigating Cultural Resources Projects on Both Sides of the Border: An Archaeological Regulatory Comparison Between the United States and Mexico
Gregorio Pacheco

Righting Past Wrongs: Re-naming Derogatory Place Names in Northern California
Matthew Padilla

Addressing Offensive Language and Inviting Advocacy on Public Lands
Amy Girado

Hornos: Detection with Remote Sensing Technologies
Nicole Matthews, Louis Curson-Mayorga, Shelby Medina, and Jun Sunseri

Let’s Make a Data Story: How to Create a Public-Facing Archaeology Data-Driven Narrative
Paulina F. Przystupa and L. Meghan Dennis

Poster Session 3
Junior Ballroom Salon 2/3, 10:15 a.m. to 12:00 p.m.

Celadon, Salt, and Self: Creating a Comparative Collection of Historic Ceramics for Student Research
Ajeng McCunney and Brianna Hartley

The Pioneer Shell Company: Oyster Shell Harvesting of the San Francisco Bay
R. Scott Baxter

Farmhands and Fancy Glass: An Analysis of Glass Artifacts at the Los Peñasquitos Bunkhouse, San Diego County, California
Sue Hagen

Ferrous Labor: The Legacy of Chinese Workers in the U.S Technological Revolution
Marco A. Ramos Barajas

Documenting the Desert Training Center/CA-AZ Maneuver Area
Chris Dalu and Tiffany Arend

UC Berkeley Field School in Oakland’s Fruitvale District: Community Archaeology for a New Generation of Professionals
Nicholas Tripcevich

3D Artifact Scanning for Learning and Outreach at Santa Clara University
Lee Panich, Audrey Bland, Reilly Duncan, Shobha Joneja, and Natalie Brauser

A Comparative Study on How Global Archaeological Research with Indigenous Communities Can Inform California CRM
Paige Kohler

Forum 5: Stopping the Curation Flood: Alternative Mitigation Measures and Why They Matter
Room 211, 9:00 a.m. to 11:00 a.m.
Organizers: Wendy Giddens Teeter and Buffy McQuillen
State and federal land use and planning documents often mention the preference for avoidance or preservation in place for valued tribal and cultural resources when development is being proposed, but too often it is ground disturbance and data recovery that are the default. This occurs especially during the CEQA process. Efforts to change the focus from excavation to avoidance, catch and release, or reburial of collections on site are met with resistance, citing register eligibility requirements, city/county ordinances, and/or future research questions. Seldom asked are: how do the related cultural communities/Tribes feel about taking cultural items from the land, has a curation facility confirmed space and desire for this collection, how likely will this collection be used in future research or is the detailed field documentation created enough for future questions? This forum will present perspectives from Tribes, universities, museums, and CRM firms on the impact of non-collection mitigation measures. This forum will consider the curation crisis, CalNAGPRA/NAGPRA requirements, and research potential, and will also leave time for audience questions and answers. Panelists will include Buffy McQuillen, Matthew Moore, Michael Newland, Shelby Medina, Wendy Teeter, Travis Armstrong, and Edgar Alvarez.

**Saturday, March 18, Afternoon**

**Curation Committee Meeting**  
Room 211, 11:15 a.m. to 12:00 p.m.  
Organizer: Wendy Giddens Teeter

**Women in California Archaeology Open Meeting**  
Grand Ballroom A, 12:00 p.m. to 1:00 p.m.  
Organizers: Kaely Colligan, Kaitlin Brown, and Annamarie Guerrero

The Women in California Archaeology (WCA) invite you to join us for a round table forum to discuss WCA future plans for the Annual Meeting. In particular, we would like to hear about your experiences and continued challenges of the impacts of the COVID-19 pandemic on California archaeology. This open meeting welcomes everyone to participate and comment on the WCA and what we do.

**Symposium 5b: Vocalizing the Voices of the Ancestors: Sunol Valley Archaeological Investigations, Southeast San Francisco Bay Area, Part 2: Public Outreach – Showing and Discussion of the PBS Documentary Film *Time Has Many Voices***  
East 1, 1:00 p.m. to 3:00 p.m.  
Organizers: Brian F. Byrd and Monica V. Arellano

This symposium synthesizes results of recent archaeological mitigation projects at three Native American settlements spanning a 2,500-year period of occupation of the Sunol Valley. All three projects were community-based archaeological investigations led by the Muwekma Ohlone Tribe joined by the same interdisciplinary team of researchers with consistent investigative approaches, field methods, and analytical techniques. The symposium has two parts, a morning and afternoon session. This is Part 2, which shifts away from the technical and specialized archaeological results and discusses the public outreach and interpretive mitigation work done at the site of Síi Túupentak. This entailed the production of a documentary film focused on the Muwekma Ohlone and their ancestors, highlighting the Tribe’s perspective on overall project goals, and the nature of their involvement. This includes an introduction, a showing of the PBS film *Time Has Many Voices*, and then a panel discussion with questions provided by the audience and the moderator.

1:00 Introduction of the film with Executive Producer/Principal Archaeologist Brian F. Byrd, Associate Producer Monica V. Arellano, and Filmmaker Phil Gross

1:15 Film: *Time Has Many Voices* (46 minutes)

2:35 Panel Discussion and Q&A
Forum 6: Powering Preservation: A Discussion of Challenges and Approaches to Cultural Resources Management Among California Utilities
Grand Ballroom B, 1:00 p.m. to 4:00 p.m.
Organizers: Bronwynn Lloyd and Sophie Minnig

This forum explores the past, present, and future of cultural resources management among some of California’s largest utilities. Panelists made up of representatives from Pacific Gas and Electric Company, Southern California Edison, and San Diego Gas and Electric will discuss the history and development of in-house cultural resources programs; current strategies and approaches in the wake of climate change and public safety; and looking towards the future. Panelists will discuss the ways in which we build off successes and learn from mistakes. The goal is to increase awareness and convey the work public and private utilities are doing to meet growing demands around public safety and energy consumption, while complying with federal and state laws and preserving cultural heritage. This is an opportunity to hear diverse perspectives and have your questions answered. Audience participation is welcome.

General Session 5: Lithic Technology
Grand Ballroom C, 1:30 p.m. to 3:15 p.m.

1:30  Trends in Prehistoric Toolstone Use in the Upper Mojave Desert of Eastern California
      Alexander Rogers and Robert M. Yohe II
1:45  Obsidian Pebbles from the Napa River
      Tom Origer
2:00  Not Like Other Drills: Bead Drill Technological Strategies in San Luis Obispo County, California
      Emma Frances Cook and Ethan Bertrand
2:15  Break
2:30  What Makes a Good Drill? Assessing Material Quality and Modeling Chert Quarry Attractiveness on Santa Cruz Island, California
      Pete Banke
2:45  Sexual Division of Labor in the Late Prehistoric Interval: An Exploration of Women’s Flaked Stone Tool Manufacture and Use in the Central Sierra Nevada
      Katherine Holst
3:00  Characterizing the Island Paleocoastal Tradition: New Insights from CA-SRI-512, CA-SMI-678, and CA-SMI-679 on California’s Channel Islands
      Kevin N. Smith, Jon M. Erlandson, Torben C. Rick, and Nicolas Zwyns

General Session 6: Present-Day Issues and Advances
Grand Ballroom F, 1:30 p.m. to 4:30 p.m.

1:30  Expanding Field School Possibilities by Staying Local
      Samuel Connell
1:45  The Role of Nontraditional Learning Resources in the Education of Contemporary Archaeologist
      Heather McDaniel McDevitt and Andrew Kinkella
2:00  Using California Zooarchaeology to Inform Future Conservation Practices
      Thomas A. Wake
2:15  What’s In a Name? Rebranding and Redefining the Sulanharas Creek Pattern in Northern California
      Elliot Helmer, Adie Whitaker, and Bill Hildebrandt
2:30  Break
2:45  *Echoes of the Maiduan Past: Why Bear Swallowed the Red-Hot Rock*
Makoto Kowta

3:00  *The Chumash Community at Saticoy*
John R. Johnson

3:15  *The Historical Context of Tribal Consultation*
Heather McDaniel McDevitt, Eleanor Fishburn, and Linda Kry

3:30  Break

3:45  *Pass Through Territory and Other Myths About the Archaeology of Edwards Air Force Base*
Jeffrey L. Baker

4:00  *An Update to the Yosemite National Park Predictive Model Using MaxEnt*
Gregory Burns and David Neiss

4:15  *Mutual Distrust or Mutual Helping? Individual Autonomy, the Collective Good, and the Anthropological Construction of Native California Anarchism*
Elliot Helmer

**General Session 7: Landscape and Networks**
Grand Ballroom G, 1:30 p.m. to 4:00 p.m.

1:30  *Identifying Archaeological Signatures of Indigenous Agriculture: A Case Study on Lower Rock Creek*
Jerome King, Greg Haverstock, and Bridget Wall

1:45  *Persistent Agricultural Practices Among the Paiute of Kwinaba (Round Valley), California*
Gregory J. Haverstock

2:00  *Morphological and Stable Isotope Insights into Ancient Cultivation of Goosefoot in Owens Valley, California*
Angela Arpaia Armstrong-Ingram

2:15  *Site Patterns and Post-Depositional Factors in the Honey Lake Basin*
Ross Owen, Adam Giacinto, Nicholas Hanten, and William Burns

2:30  *Agent-Based Mobility Modeling of the Pacheco Pass and the Diablo Uplands*
Christopher Peske

2:45  Break

3:00  *Further Evidence of Trans-Holocene Occupation at the Calleguas Creek Watershed*
Deborah V. Roman

3:15  *Archaeological Investigations at 30 Locations Along the San Francisco Peninsula: Results from the Caltrain Electrification Project*
Ryan Brady, Sarah Brewer, and Julie Royer

3:30  *Prehistoric Land Use and Mobility in Hermit Valley, Alpine County, California*
Juliana Wilder

3:45  *Trans-Cascadian Trade Networks in Northern California*
Jeremy D. McFarland

**Symposium 8: Before the Bay: A Deeply Buried Cultural Site Beneath the City of San Francisco (CA-SFR-220)**
Grand Ballroom H, 1:00 p.m. to 3:15 p.m.
Organizers: AECOM (Karen Gardner)

In 2018, AECOM conducted geoarchaeological testing along the former Mission Bay waterfront in San Francisco, California, and discovered a thin cultural shell midden lens at 41.6 feet (12.7 meters) below the surface, at the point of terrestrial contact below the Young Bay Mud. Given the depth and location of the site, when data recovery of archaeological materials was initiated in 2020, work was limited to the extraction of
additional Geoprobe cores within and around the site boundary. This site is now characterized as a shell midden approximately 7.7 feet (2.4 meters) thick and was assigned the trinomial of CA-SFR-220. The cultural deposit predates bay inundation at this location, and radiocarbon dating of charcoal places it between 7832 ± 103 cal BP and 7301 ± 121 cal BP, making it one of the oldest sites ever identified along San Francisco Bay. By presenting the results of a series of technical studies, including geoarchaeological modeling, lithic analysis, pollen analysis, macrobotanical analysis, shell identification, and faunal identification, the presenters at this session will reconstruct the local environment, site use, and significance of this unique early Middle Holocene site. A question-and-answer period will follow the presentations.

1:00  *Placing CA-SFR-220 in Context: An Introduction to the Identification of a 7,500-Year-Old Buried Site*  
Jennifer Redmond

1:15  *The Geomorphic and Geoarchaeological Context of CA-SFR-220*  
Jay Rehor and Kathleen Kubal

1:30  *Plants from the Deep: Plant Food and Fuel Remains at SFR-220*  
Eric Wohlgemuth

1:45  *Shellfish at CA-SFR-220*  
Jill Eubanks

2:00  Break

2:15  *The Faunal Collection of CA-SFR-220: Piecing Together Site Use, Diet, and Environment from ~7,500 B.P.*  
Karen Gardner and Ken Gobalet

2:30  *The Curious Case of the Flightless Duck: Potential Remains of Chendytes lawi Recovered from CA-SFR-220*  
Mark Hale and Karen Gardner

2:45  *Panel Discussion* (30 minutes)  
Allison Vanderslice, City of San Francisco’s Environmental Planning Division; Tricia Brand, CCA’s Vice President of Diversity, Equity, Inclusion, and Belonging; and all of our presenters

**Symposium 9: Breathing New Life into Legacy Collections at CSUN: From NARC to Now**  
Junior Ballroom, Salon 1a, 1:00 p.m. to 3:15 p.m.  
Organizers: Sarah Bertman and Heather Seiden

The issue of legacy collections/legacy data is a central focus of public archaeology in the 21st century. In particular, the potential relevance of this material for contemporary scholarship and education makes it an essential resource. However, working with legacy collections can be problematic for students, particularly due to the common “time gap” between excavation and analysis, making it challenging to establish context and trace the narrative for the excavation. For example, archaeological collections in the repository at California State University Northridge (CSUN) have been assembled over 50 years, spanning several different institutional regimes, regulatory frameworks, and student circumstances. This session will explore how CSUN graduate students utilize these collections using new methodologies, technologies, and theoretical frameworks through the CSUN Archaeological Research Institute (formerly known as the Northridge Archaeological Research Center [NARC]). By returning to these collections, they help students better understand best practices in archaeology while paying homage to the various regimes that have helped shape the archaeological scholarship at CSUN and breathe new life into these legacy collections.

1:00  *Fort Tejon Legacy Collection*  
Cameron Beach

1:15  *The House on Plummer Street: A Brief History of Early Archaeology at CSUN*  
Sarah E. Bertman

1:30  *Ancient Fisheries of Eel Point (CA-SCLI-43), San Clemente Island*  
Christopher Mayo
1:45  From A to Zzyzx: A Preliminary Analysis of Ceramics from the Cronese Basin  
Heather Seiden

2:00  Break

2:15  NARC in the Valley: Re-examining CSUN’s Investigations at El Escorpión and Burro Flats  
Max Bieber

2:30  Archaeological Stewardship at the Alice Ballard Site: Collaborative Efforts by NPS and CSUN  
Mahnoor Rahman

2:45  Discussant: Alan Garfinkel

3:00  Discussant: Jeanne Day Binning

**Annual NAPC Forum: Shellmounds of the Bay Area**  
Room 208, 1:00 p.m. to 4:00 p.m.  
Organizer: Gregg Castro, NAPC Chair

Shellmounds are a unique feature of the San Francisco Bay Area and are of special interest to the Ohlone tribal communities of this region. We will have presentations and discussions of shellmounds of the area and how they are an integral part of the culture of Ohlone communities up to present-day efforts on preservation and interpretation, in collaboration with cultural resource allies and agencies.

**Poster Session 4**  
Junior Ballroom, Salon 2/3, 1:30 p.m. to 3:00 p.m.

*Current Understandings of Crescents from the Great Basin and California’s Channel Islands*  
Shelby Saper, Christopher Jazwa, Geoffrey Smith, and Jon Erlandson

*Groundstone Analysis CA-SBA-7, the Chumash Ethnohistoric Village of Mishopshnow*  
John Connor Wilcox, Heather McDaniel McDevitt, and Micah Hale

*A New Synthetic Context and Research Design for Prehistoric Ceramics in Southeastern California*  
Tiffany Arend, Gregory Haynes, and Karen Harry

*A Pilot Study to Determine Protein Residue on Low-Fired Ceramic Sherds*  
Joanne M Mack, John Fagan, Mark E. Swisher, and Cam Walker

*Bedrock Mortars Unplugged: Evidence of Bedrock Mortar Manufacturing at Two Rock Shelters in Butte County*  
Kyle Palazzolo

*Examination of Northern Paiute Lithic Technology and Land Use Strategies at Wagontire Springs Cave*  
Allison Arneal, John C. Fitch, Robert F. Rehrman, and Matthew O’Brien

*Emergence of Wealth Inequality Among Ancestral Puebloan Farmers*  
Roxanne Lois F. Lamson, Kurt M. Wilson, Hayley T. Kievman, Kenneth Blake Vernon, Peter M. Yaworsky, and Brian F. Codding

*On the Surface: An Intensive Survey of 100 Miles of Transmission Line Through a Culturally Rich Landscape Near the Colorado River*  
Elliot D’Antin and Lauren DeOliveira

**Poster Session 5**  
Junior Ballroom, Salon 2/3, 3:15 p.m. to 4:45 p.m.

*Analysis of Mammalian Archaeofaunal Remains from Souza Mound (CA-SAC-42), Sacramento, California*  
Jacob L. Fisher, Sean Savage, and Patrick Shaw

*Picking Up the Pieces: Assessing Alternative Methods for Reconstructing Abalone Shell Size from Archaeological Fragments*  
Zoe Levit and Terry Jones
Beyond the Shell: A Film on the Ecology and Culture of a Scarce Marine Resource  
Alexandria M. Firenzi, Stacey Jones, Daniel Bruns, and Brian Brazeal

When the Tides Change: Coastal Archaeology Soil Deposition and Human Collaboration  
Molly (M. J.) Laitinen

Interpreting Settlement in the Estero Bay During Gaps in Radiocarbon Data at the Morro Bay Estuary  
Kaya Wiggins

Red Abalone (Haliotis rufescens) Shells and Shell Features on the Central California Mainland: Preliminary Findings from CA-SLO-58  
Cal Poly Archaeology Program (John Vilarino, Alex Amundsen, Rachel Burgess, Chris Civilkas, Lexxie Crocker, Jackie Deng, Jack Ellis, Nate Howard, Christina Hornbaker, Kate Knox, Zoe Levit, Bridget Parry, Eliot Waters, and Terry L. Jones)

A Prehistoric Cliff Hanger: Erosion of Cultural Resources on the California Central Coast, San Luis Obispo County  
Justin Tidd and Rachel Burgess

Forum 7a: Pathways to Equity and Inclusion in Archaeology - Round Table (Closed)  
Room 211, 1:15 p.m. to 2:45 p.m.

This forum is open only to Black, Indigenous, People of Color (BIPOC) self-identified archaeologists (inclusive of all POC students, LGBTQ+, and folks with disabilities) to discuss pragmatic solutions to three predetermined topics: challenges in the field and profession, hiring and promotions, and defining career pathways (graduate schools, jobs, mentorship, and guidance). The Coalition for Diversity in California Archaeology (CDCA) leadership will lead the discussion on each of these topics. The intention of this round table is to have a safe space for people who identify as BIPOC to share, advocate, seek mentorship, and have a place to listen, share, and learn. Subsequent to the round table, there will be a CDCA open meeting so that other archaeologist at the conference can both hear why there is a need for substantive change in archaeology and what they can do to make this change happen.

Forum 7b: CDCA Open Forum: Equality and Inclusion in Archaeology – Round Table (Closed)  
Room 211, 2:45 p.m. to 3:45 p.m.

This is a CDCA open meeting where BIPOC archaeologists can share with other archaeologists why there is a need for substantive change in archaeology and what they can do to make this change happen.
SUNDAY, MARCH 19, ALL MORNING

SCA Executive Board Meeting
Offsite, 11:00 a.m. to 12:30 p.m.

Field Trips

USS Hornet, Sea, Air, and Space Museum. 10:00 a.m. to 12:00 p.m. Limited to 25 participants.
The USS Hornet is a Smithsonian affiliated museum located aboard a historic WWII warship and aircraft carrier in Alameda. The ship served for 18 months during WWII and accomplished an impressive number of combat missions. In the 1960s, the ship was sent to retrieve the Apollo 11 and 12 Moon Landing Pacific Ocean capsule landings. Today, the museum manages WWII naval collections, space program collections, and serves as a living history education museum for the public. We have arranged for this docent-led tour to begin with a special behind the scenes collections visit not normally offered to the public, followed by an exploration of the ship and its exciting history.

There is plenty of free parking at the facility and a cafe on ship where food can be purchased a la carte after the tour, if desired. Closed toe shoes are required and a flashlight is recommended. Ship spaces can be narrow so keep bags on the small side. Tour duration: 2 hours. Price: $16 adults; $14 military/senior; $8 Youth. Please bring cash. Tip is not included in pricing.

Coyote Hills Tour. 9:30 a.m. to 12:00 p.m. Limited to 25 participants.
The East Bay area’s original inhabitants were the ancestors of the Ohlone Indigenous Peoples, whose skills enabled them to live well off the land’s natural bounty. Before contact, tule elk roamed the land, condors soared overhead, and sea otters and fish were abundant in the Bay. At Coyote Hills Regional Park, some of this rich wetland is preserved, along with 2,000-year-old Tuibun Ohlone Indian shellmound sites with fascinating archaeological resources. Coyote Hills Regional Park was dedicated in 1967. The park comprises 1,266 acres of marshland and rolling grassland hills. The park’s rich and varied history also includes mission and settler ranching and farming activities, salt production, a duck hunting club, a dairy, rock quarrying, a military NIKE missile site, and a biosonar research facility. Tour participants will be given a guided tour of the park’s historic areas, learn about our current programs with Indigenous Peoples’ participation, as well as the unique ecology and history of the region. The Coyote Hills field trip will be led by Christopher Sulots, the Coyote Hills Supervising Naturalist, and East Bay Regional Park District Cultural Services Coordinator, Annamarie Guerrero.

Women in Archaeology. 12:00 p.m. to 5:00 p.m. No limit on participants.
As part of Women’s History Month, the Exploratorium at Pier 15 (Kanbar Forum), Green Street, San Francisco, is delighted to host Gregg Castro (t’rowt’raahl Salinan/rumsien & ramaytush Ohlone), the SCA’s Native American Programs Committee Chair and Culture Director of the Association of Ramaytush Ohlone (ARO) in gathering together a special panel discussion to conclude the SCA Annual Meeting. The panel is called “Women in Archaeology” and will be a focused discussion on the experiences of women of varied careers in the field of archaeology. SCA members are responsible for their own transportation and admission. Adult tickets $39.95; youth tickets (4-17) $29.95 (no discounts).
VENUE MAP

FIRST FLOOR MEETING ROOMS

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