

2021 SCA ANNUAL MEETING PRELIMINARY SCHEDULE

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*Note: **Only primary authors will appear on this preliminary schedule.** The full schedule will be posted shortly
Please note that student events and a few other are yet been added to the schedule.*

[Program Overview](#)

Thursday, March 04, 2021

WORKSHOPS

Obsidian Hydration Dating Workshop

8:00 AM - 10:00 AM, Thursday, March 04, 2021

Organizer: Alexander K. 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 use your laptop with Excel.

Rock Art Conservation Management for Site Stewards and Managers

8:00 AM - 12:00 PM, Thursday, March 04, 2021

Organizer: 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 learn how to 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. Participants will, additionally, learn about methods used to collect conservation management data and how it can be used to make better-informed decisions by site managers.

Foraging Theory and Practice, Part I

8:00 AM - 12:00 PM, Thursday, March 04, 2021

Organizer: 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. Explores application of the foraging models most amenable to application to the archaeological and ethnographic record. Participants may sign up for morning and afternoon, morning only, or afternoon only. You must have a PC to obtain full benefit. Working knowledge of Microsoft Excel highly useful.

Morning Session: Rational choice theory, foraging costs and benefits, diet breadth, front vs. back loaded resources

Foraging Theory and Practice, Part II

1:00 PM - 5:00 PM, Thursday, March 04, 2021

Organizer: 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. Explores application of the foraging models most amenable to application to the

archaeological and ethnographic record. Participants may sign up for morning and afternoon, morning only, or afternoon only. You must have a PC to obtain full benefit. Working knowledge of Microsoft Excel highly useful.

Afternoon session: Linear programming, marginal value theorem, field processing, technological investment (including newest, unpublished models).

Using 21st Century Technology for Non-Intrusive Rock Art Documentation

1:00 PM - 3:00 PM, Thursday, March 04, 2021

Organizer: Jeremy Freeman

Advances in technology have resulted in a metamorphosis in archaeological methods with an increasing emphasis on non-invasive, non-destructive techniques. Modern technology is allowing researchers to adapt new analytical methods without compromising the integrity of the archaeological evidence. This is particularly true in rock art research that has experienced an increased push for non-intrusive documentation. In this workshop participants will learn about some of the technologies available to researchers to document rock art non-destructively using modern technology. Participants will learn about collecting and storing data, creating high resolution imagery and virtual 3D models, creating digital renderings of figures and panels, deducing super-positioning and sequences of figure placement, collecting objective color data, assessing chemical composition of paint, and collecting geospatial data.

Friday, March 05, 2021

Inside Out: Reflecting On Our Community

8:15 AM - 12:00 PM, Friday, March 05, 2021

Organizer/Participants: Cross Michelle, Castro Gregg, Byrd Brian, Sunseri Charlotte K., Wooten Kimberly, Rissolo Dominique, Fong Kelly

Who are we as California Archaeologists? Why do we do what we do? What does it mean and how can we reflect on the larger benefit of what we do to society and the cultures we study? What does it mean to be an archaeologist and how is that changing? 2021 seems like no better time than to reflect on the work we do in light of the numerous factors that impact our profession on a day-to-day basis. Whether it is how we respond to the hazardous conditions in the field, gender and racial biases and inequalities in our profession, how our work informs and effects the study of topics such as climate change or wildfires, descendant community perspectives on our practice and what we can learn from each other, how we communicate what we do to the public, the toll the work we do takes on us and our families, our mental and financial well-being in this profession, how COVID-19 has impacted our industry, and how technology and changes to environmental laws and practices will change our work in the future. We explore themes and topics that stop and make us consider ourselves and our profession from the inside, out.

Women in California Archaeology Committee Meeting

12:00 PM - 1:00 PM, Friday, March 05, 2021

Coalition for Diversity in California Archaeology Committee Meeting

12:00 PM - 1:00 PM, Friday, March 05, 2021

California Maritime Archaeology Committee Meeting

12:00 PM - 1:00 PM, Friday, March 05, 2021

The Archaeological Investigation of Landscape and Seascape Stewardship Practices on the Santa Cruz Coast

1:15 PM - 5:00 PM, Friday, March 05, 2021

Organizer(s)/Participant(s): Lightfoot Kent G., Lopez Valentin, Nelson Peter A., Gonzalez Ariadna, Hylkema Mark G., Cuthrell Rob Q., Apodaca Alec J., Grone Michael A., Sanchez Gabriel M., Gifford-Gonzalez Diane, Fine Paul, Sigona Alexi, Sigona Alexi, Lightfoot Kent G., Lightfoot Kent G., Lightfoot Kent G., Lightfoot Kent G.

The purpose of this symposium is to present the results of recent archaeological research conducted along the Santa Cruz coast by a collaborative team of scholars from the Amah Mutsun Tribal Band, California Department of Parks and Recreation, and the University of California campuses at Berkeley and Santa Cruz. The research team employed a low-

impact, eco-archaeological approach to study indigenous landscape and seascape stewardship practices in ancient and historic times. Building upon previous work conducted at Quiroste Valley in Año Nuevo State Park, the goal of this new study was to broaden the temporal dimension and geographic scale of the study of indigenous relationships with the environment along the Central California coast. The symposium describes the findings from our investigation of Middle Holocene, Late Holocene, and Historic age sites in evaluating questions concerning the timing, development, and scale of Indigenous stewardship practices on the Central California Coast.

Diaspora, Place, and Mobility: The Archaeology of California's East Asian Migrant Communities

1:15 PM - 2:45 PM, Friday, March 05, 2021

Organizer(s)/Participant(s): Heffner Sarah C., Fong Kelly, Ng Laura, Lau-Ozawa Koji, Snead James E.

Many of California's late nineteenth- and early twentieth-century migrants with ancestral roots in China, Korea, and Japan lived in or near ethnic enclaves that no longer exist, but archaeological investigations of these communities have provided valuable information about the daily lives of people who contributed much of their labor to the building of the state. Although these migrants have often been left out of dominant historical narratives, the archaeology of immigrant groups helps reclaim these histories. In addition, archaeological research on these sites has made important contributions to studies of labor, citizenship, institutional confinement, and racialization. This symposium focuses on current research trends on the archaeology of immigrant communities; papers will focus on one or more of the following themes: 1) the recognition of these immigrant groups as diasporic—with ties to home countries and communities with a shared ethnic identity; 2) the use of artifact assemblages to better understand migrants' mobility patterns, connections to local places, and diasporic linkages; and 3) engagement with descendant communities through oral histories and archaeological outreach. Based on these trends, the future of archaeological research on East Asian and other immigrant communities will be diasporic, transnational, multi-sited, and inclusive of stakeholders.

Data Recovery Excavations at Sec he, CA-RIV-162, an Early Site in the Coachella Valley

1:30 PM - 4:15 PM, Friday, March 05, 2021

Organizer(s)/Participant(s): Kremkau Scott H., Padilla Lacy A., Helm Melissa, Sunell Scott D., Canoff Alyssa, Burnor Luke A., Hinojosa Marlen, (Hicok) Feeney Hannah, Garcia Patricia

Between July and November 2018, the Agua Caliente Band of Cahuilla Indians and Statistical Research Inc., conducted data recovery excavations at CA-RIV-162, located on the Agua Caliente Indian Reservation, in downtown Palm Springs, California. The site is at the location of the Agua Caliente Mineral Hot Spring, called Sec he in the Cahuilla language. This hot spring was a focus of Cahuilla society for generations. The data recovery excavations focused on a deeply buried part of the site which contained intact archaeological deposits. A series of radiocarbon dates showed that the portion of the site excavated here was occupied from approximately 7,300 to 8,400 cal B.P., making it the oldest site in the Coachella Valley by several millennia. This symposium discusses the results of the data recovery excavations, and the collaboration between the Agua Caliente and Statistical Research, Inc. using an indigenous archaeological perspective on a large scale data recovery project.

Recent Research in Behavioral Ecologically-Focused Experimental Archaeology

1:15 PM - 4:15 PM, Friday, March 05, 2021

Organizer(s)/Participant(s): Bakhtiary Roshanne S., Tushingham Shannon, Coddling Brian F., Magargal Kate E., Crawford Kristina, Greenwald Alexandra M., Kuypers Martijn, Palazzolo Kyle M., Smith Kevin N.

This symposium showcases recent and ongoing experimental archaeology research that leverages archaeological and ethnographic data to test hypotheses about ancient human behavior and generate data useful in the development of human behavioral ecology models. Foci include raw material procurement and transport, tool manufacture and technological investment, foraging behavior and food storage, and technological mediation of maternal foraging efficiency.

Uncovering the Indigenous Past at Mission La Purísima Concepción

1:15 PM - 3:15 PM, Friday, March 05, 2021

Organizer(s)/Participant(s): Brown Kaitlin M., Ixta Itzamara, Willoughby Lindsey M., Meyer Marirose A., Rotella Brianna M., Barbier Brian J., Costello Julia

Recent excavations at Mission La Purísima State Historic Park focused on the area of the Chumash Family Apartments. The project's goals were to collect data on indigenous life under successive waves of colonialism, teach UCSB students archaeological methods, work with the Santa Ynez Band of Chumash Indians, and engage with the public by calling attention to the Native space in the mission landscape. This symposium highlights and interprets the data recovered from this project and contextualizes these findings in light of recent theoretical approaches to colonialism, the broader landscape, and the subaltern narrative within the mission today.

Coalition for Diversity in California Archaeology Happy Hour

5:00 pm -6:00 pm

Saturday, March 06, 2021

Archaeology & Natural Disasters

8:15 AM - 9:45 AM, Saturday, March 06, 2021

Organizer(s)/Participant(s): Bright Lisa N., Buitenhuis Connor B., Petrey Whitney R., Nolte Monica, Newland Mike, Gassaway Linn

In recent years natural (and manmade) disasters have been increasing in severity and frequency. Fire, flood, debris flows, earthquakes, and climate change are just a few of the issues impacting the protection and management of archaeological resources state wide. This session promotes data sharing and communication amongst researchers, agencies, and cultural resource management firms and lays out the challenges and best practices involved in natural disaster response.

Ducks, Deer, Bears, Oh My! - Papers in Honor of Dwight D. Simons

8:15 AM - 11:15 AM, Saturday, March 06, 2021

Organizer(s)/Participant(s): Beasley Melanie M., Wake Thomas A., Broughton Jack, Tushingam Shannon, Bartelink Eric J., Cole Kasey E., DeGeorgey Alexander L.

Dwight Simons is the "Grandfather" of California zooarchaeology. Over his 50 year career he analyzed faunal remains from some of the most important archaeological sites in California, mentored generations of students, contributed to hundreds of archaeological projects, and published extensively. In 2013, the Society of California Archaeology presented him the Martin A. Baumhoff Special Achievement Award. This session honors Dwight's contributions to the field of California archaeology through the lens of zooarchaeology and field ecology. At the end of the invited talks, we open the floor to attendees to share their thoughts and stories of Dwight to honor his memory.

Born a Slave, Died a Pioneer: Nathan 'Nate' Harrison and the Historical Archaeology of Legend

8:15 AM - 11:00 AM, Saturday, March 06, 2021

Organizer(s)/Participant(s): Mallios Seth W., Turner James J., Bastide Jamie L., Farnsworth Shannon M., Galeana Natalia, Alexander Haley M., Isola Katherine A., Ebuon Bill, Grone Michael A., Discussant Discussant

Few people in the history of the United States embody ideals of the American Dream more than legendary San Diego pioneer Nathan Harrison (ca. 1833-1920). His is a story with prominent themes of overcoming staggering obstacles, forging something-from-nothing, and evincing gritty perseverance. In a lifetime of hard-won progress, Harrison survived the horrors of slavery in the Antebellum South, endured the mania of the California Gold Rush, and prospered in the rugged chaos of the Wild West. This session uses recent discoveries from archaeological excavations at the Nathan Harrison cabin site to offer new insights and perspectives into this most American biography. These artifacts and the concurrent analyses help to address historical mysteries concerning Harrison's mixed legacy and dual identities while also providing a fresh glimpse of everyday life in San Diego during the Civil War, Reconstruction, the Gilded Age, and the Progressive Era. Since the existing documentary records concerning Harrison are rife with contradiction, invention, and revision, the papers presented here endeavor to contextualize the mythmaking and identity politics of the last two centuries with scientifically determined spatial, temporal, and formal realities in the ground.

Student Session Presentations

8:15 AM - 9:45 AM, Saturday, March 06, 2021

Organizer(s)/Participant(s): Farrell Jenna, Jones Kara M., Ralston Candice E., Ruiz Walter (Gray Wolf), Santy Jenna K., Morales Jessica

Student Presentation Symposium

Mission Santa Clara de Thamien (Asis): An Archaeology of Scales

9:00 AM - 11:30 AM, Saturday, March 06, 2021

Organizer(s)/Participant(s): Hylkema Linda J., Peelo Sarah M., Kroot Matthew V., Hylkema Mark G., Phillip Ryan C., Boone Cristie M., Reddy Seetha N., Noe Sarah J.

Scale matters when reconstructing past landscapes. Recent archaeological investigations at Mission Santa Clara have uniquely recovered information about this colonial landscape at both a very broad and a microscale. This range of scales in theoretical view, methodology, subject matter, and interpretation has the potential to transform the story told about these complex Spanish colonial institutions and how they affected, influenced, and shaped the daily lives of indigenous peoples negotiating social, economic, and ethnic differences. For example, the description changes if the focus is on understanding this mission within a global system of colonialism, compared to focusing on local perspectives of diversity and meaning. We observe how the narrative varies when one investigates this colonial space broadly as a large, native landscape, but also narrowly as a discrete Mission Quadrangle. Coarse methods such as open area exposures provide a unique lens through which to understand daily life, compared to that used when examining fish bones, micro glass beads, seeds, and obsidian flakes recovered from 1/16 wet screened mesh. Dialog, tension, and visibility created by examining the archaeology at multiple scales increases our ability to understand both the structural and specific narratives about daily life in a California mission.

Part I: NAPC Community Roundtable, Collaboration and Consultation

10:15 AM - 11:45 AM, Saturday, March 06, 2021

Organizer(s)/Participant(s): Gregg Castro and William Madrigal

In this first of two sessions in the annual NAPC Conference Symposium, we will be leading a forum discussion of the current state and latest best practices in the area of Collaboration and Consultation with tribal communities by federal, state and local agencies, as well as various forms of private consultation. It will include the impacts of recent legislation that has affected changes in processes in CEQA and other related legal guidelines. Experienced members of various tribal communities will share examples of what does and does not work in regards to communicative procedures and collaboration projects with tribal subject matters on the various aspects of indigenous culture and heritage preservation.

Keynote Speaker: Chip Colwell

12:00 PM - 1:00 PM, Saturday, March 06, 2021

Organizer(s)/Participant(s):

Chip Colwell is confirmed as our 2021 Keynote speaker. Dr. Colwell's essays and editorials have appeared in *The New York Times*, *The Atlantic*, *The Guardian*, among other magazines and newspapers, while his research has been covered by such outlets as the BBC, National Geographic, and Forbes. His book *Plundered Skulls and Stolen Spirits: Inside the Fight to Reclaim Native America's Culture* received enthusiastic reviews in the *Wall Street Journal*, *Science*, *New Scientist*, and elsewhere. It has received six prizes, including the 2020 Society for Historical Archaeology James Deetz Book Award and the 2019 National Council on Public History Book Award.

The Best of What's Left: The Rock Art Legacy of Rick Bury (1946-2019)

1:15 PM - 4:30 PM, Saturday, March 06, 2021

Organizer(s)/Participant(s): Bury Carol, Johnson John R., Robinson David W., Hyder William D., Ryan Christopher, Imwalle Mike, Marymor Amy, Marymor Leigh, Robinson David W.

Rick Bury dedicated his photographic efforts to preserving outstanding images of the surviving rock art of the American West. For more than thirty years he contributed to documentation projects on which he was the principal investigator. He also lent his time and expertise to supporting the work of other researchers. His project partners and those with whom he collaborated have come together to highlight Rick's contributions to their own work, featuring selections from his portfolio.

Archaeology of the Central and Southern Sierra Nevada

1:15 PM - 4:15 PM, Saturday, March 06, 2021

Organizer(s)/Participant(s): Ruzicka Denise, Armstrong Matthew, Rubenstein Emily, Stevens Nathan E., Martin Erik, Dyste Diana, Irwin Jeffrey, Binning Jeanne Day, West Crystal

The archaeology of the central and southern Sierra Nevada continues to advance through a range of projects and research efforts involving federal and state agencies, cultural resource management firms, utility companies, universities and land stewards. This symposium highlights current research and recent investigations extending from the Stanislaus National Forest to the Sequoia National Forest. Topics include edge modified flake technology in Yosemite National Park, the distribution of brown ware pottery in the Sierra National Forest, ethnohistoric Native American village names and settlement patterns in Squaw Valley, Late Prehistoric Mono and Miwuk land use and settlement patterns in Crane Flat and Dinkey Creek, historic properties in Crane Valley and the McKenzie Preserve, as well as insights into Archaic Period cultures from recent excavations.

Part II: NAPC Community Roundtable, Repatriation Issues and Successes

1:15 PM - 4:15 PM, Saturday, March 06, 2021

Organizer(s)/Participant(s): Gregg Castro and William Madrigal. Further details pending.

In the second session, NAPC and Native community members will lead a discussion on the very crucial and difficult subject of Repatriation. This is especially appropriate for this region of California where a wide spectrum of examples of repatriation are available as discussion topics for analysis, critique and idea generation. Forum members and audience will engage in the respectful discussion of the many facets of this exceedingly crucial aspect of culture that is at the heart of California Indigenous community preservation and cultural protection work.

After the Smoke Clears: Post-Fire Collaborative Archaeology and Recovery in the Santa Monica Mountains

1:30 PM - 3:45 PM, Saturday, March 06, 2021

Organizer(s)/Participant(s): Knight Al, Tejada Barbara S., Kulaga Nicole D., Stansell Ann C., Delaney Colleen M., Willard Jade F., Kinkella Andrew

The destructive 2018 Woolsey Fire is the latest in a series of wildfires that have affected the Santa Monica Mountains National Recreation Area. These serial-fires are smoke signals from Mother Nature, a harbinger of a new way of life in the Golden State. The largest wildfire in the recorded history of the mountains ignited on November 8, 2018 in Woolsey Canyon. It spread rapidly to the Pacific Ocean, ultimately burning just under 97,000 acres of a patchwork of National Parks, State Parks, conservancies, local open space, and private land before being contained on November 22, 2018. Existing partnerships and new collaboration amongst federal and state land managers, Native American communities, colleges/universities, and other local stakeholders have helped to address the post-fire assessment, stabilization, and treatment of cultural resources. As wildfires are becoming more frequent, understanding their direct and indirect impacts to cultural resources is essential to protecting them. The paper presentations in this fire archaeology symposium highlight current regional recovery efforts taking place in the Santa Monica Mountains, illustrating the challenges and opportunities in rebuilding resilience and preparing for a life where fire is a season.

Maximizing Curated Collections

1:30 PM - 3:30 PM, Saturday, March 06, 2021

Organizer(s)/Participant(s): Goeman-Shulsky Sedonna S., Bancroft Kathy, Gusick Amy E., Clayburn Rosie, Snead James E., Zavalla Nakia, Kennedy-Richardson Karimah, Herrmann Myra

Innumerable California cultural heritage collections exist inside museums and repositories, but often languish without sufficient resources to care them or to allow them to be more useful to educators, researchers, and descendent community members. Knowing that funding, time, and expertise are the main reasons previously expressed, this forum looks to discuss low impact ways to support repositories and improve access and care. Participants will offer their experiences and thoughts on these topics as well as strategize with the audience on potential solutions and regional collaborations.

SCA Business Meeting

3:30 PM - 5:00 PM, Saturday, March 06, 2021

General Session Presentations

8:30 AM - 9:45 AM, Saturday, March 06, 2021

Participant(s): Hall Mark, Hedges Alicia, Foster John W., Zarco Navarro Jesús F., Fisher Jacob L.