

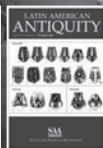
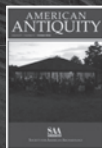
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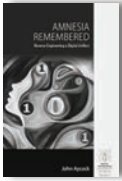
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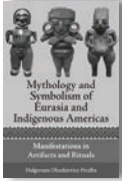
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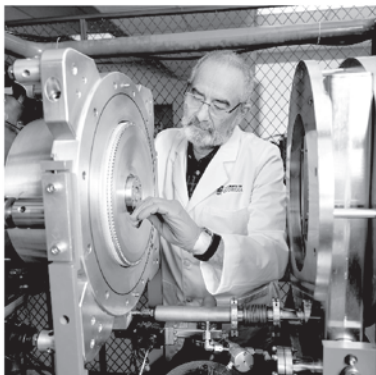
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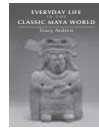
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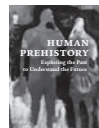
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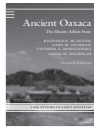
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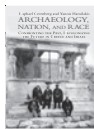
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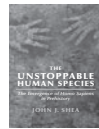
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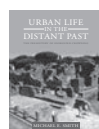
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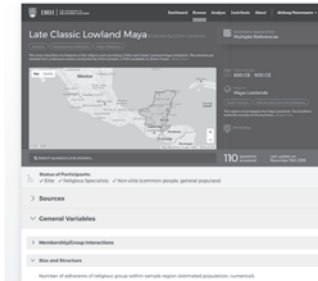
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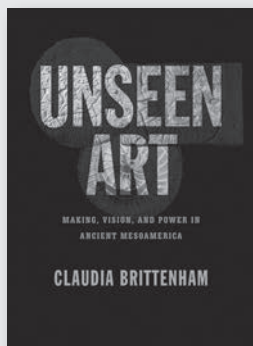
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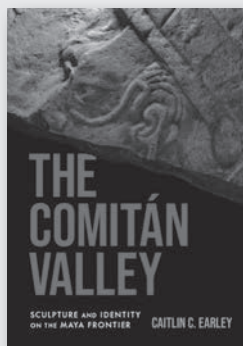
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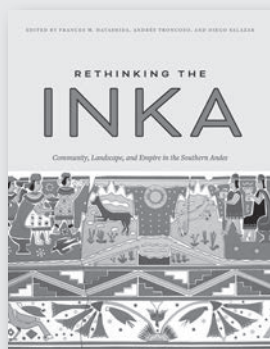
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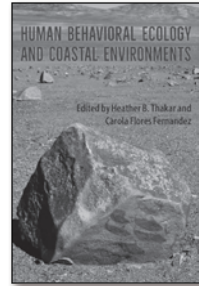
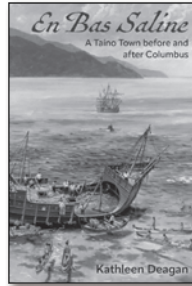
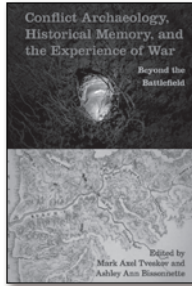
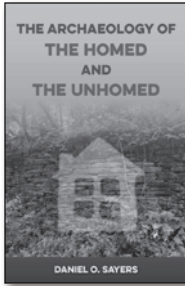
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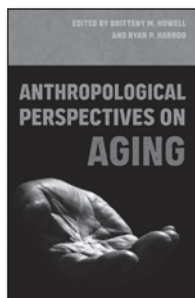
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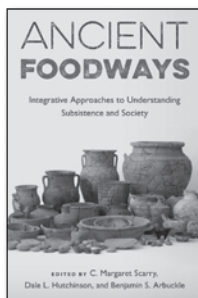
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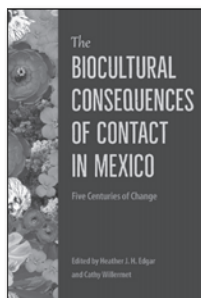
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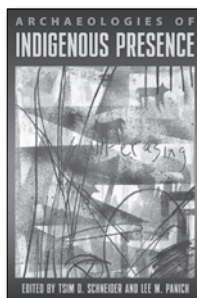
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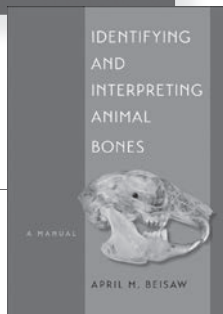
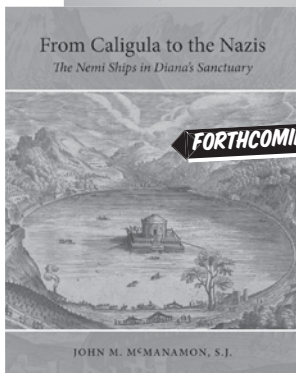
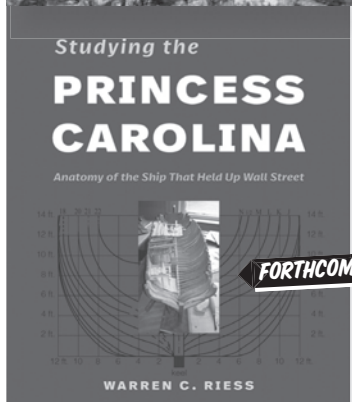
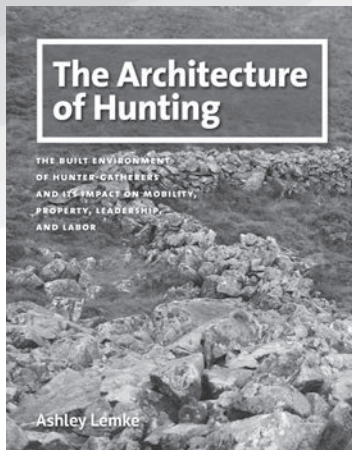
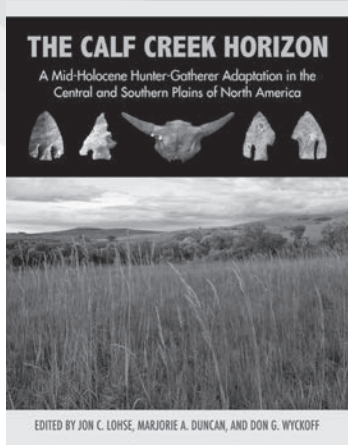
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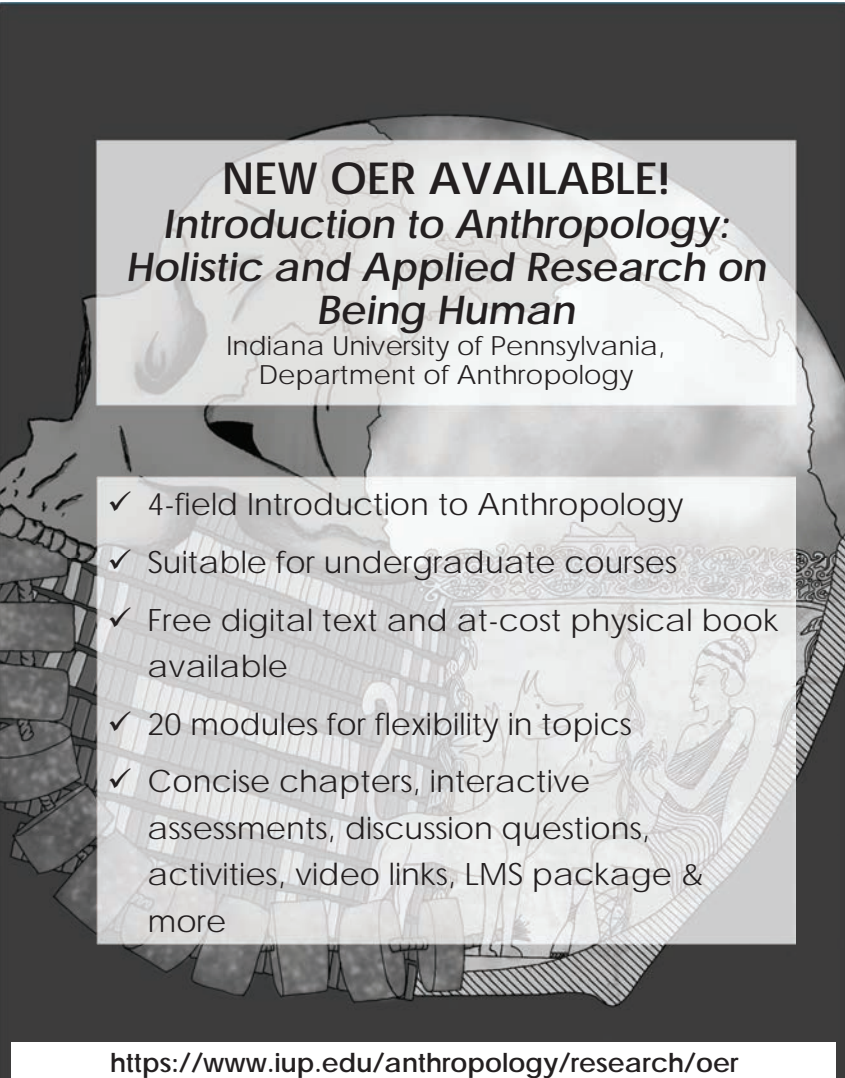
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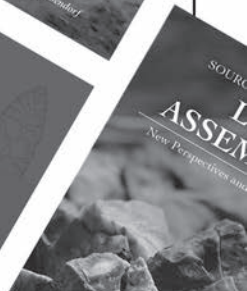
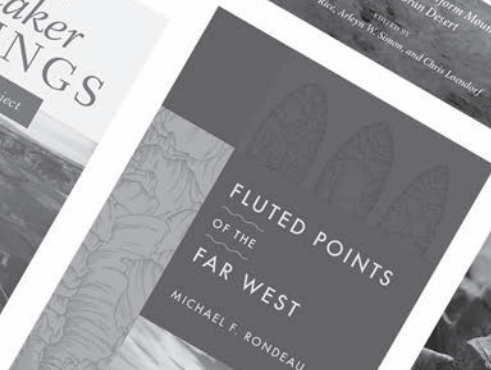
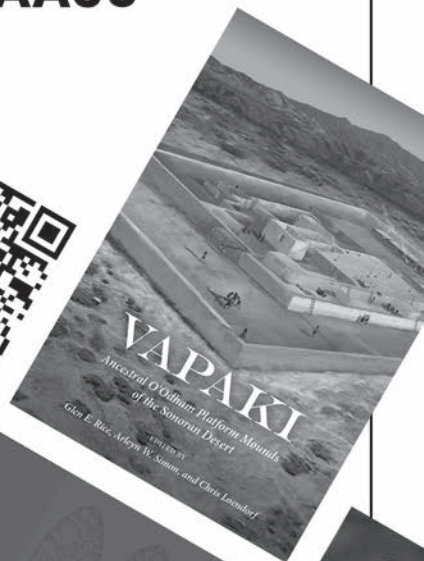
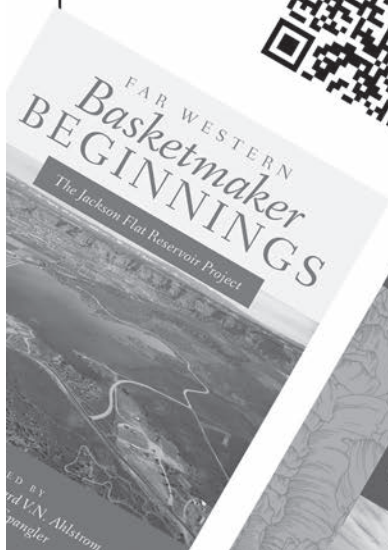
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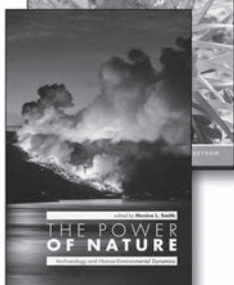
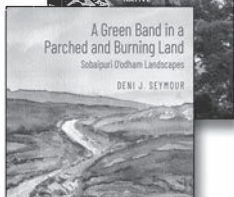
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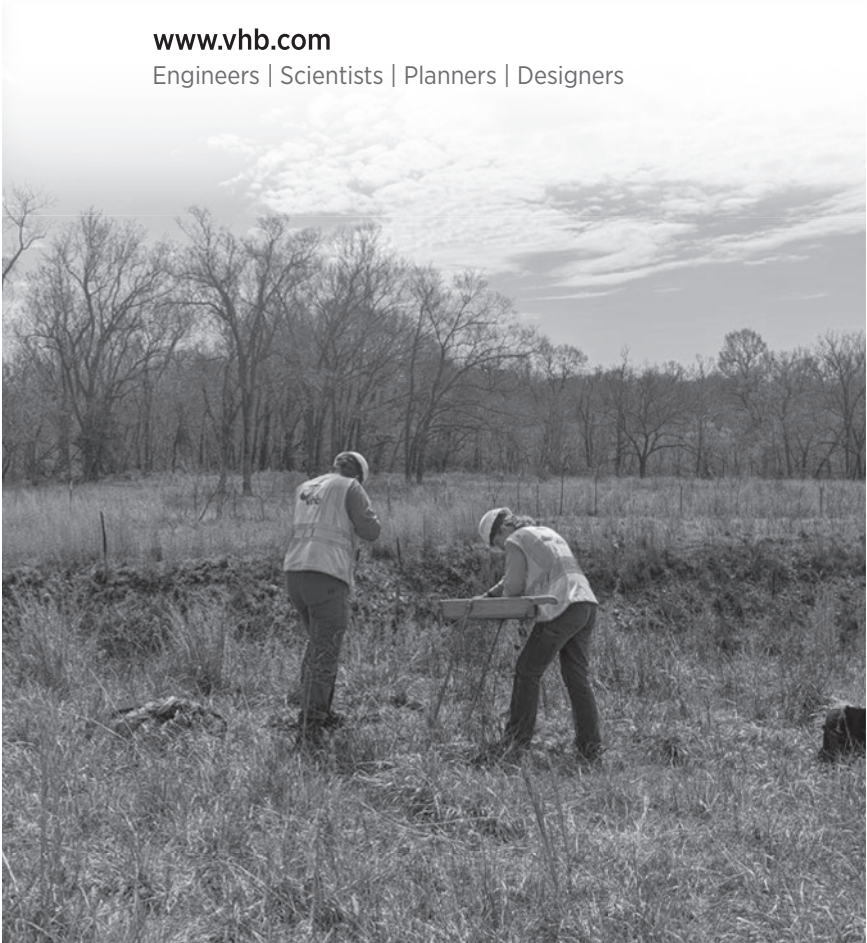


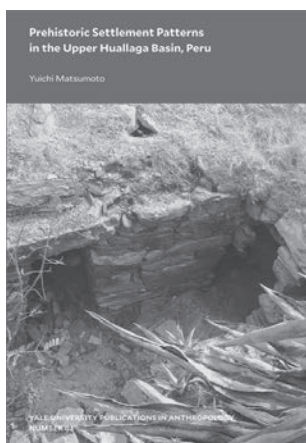
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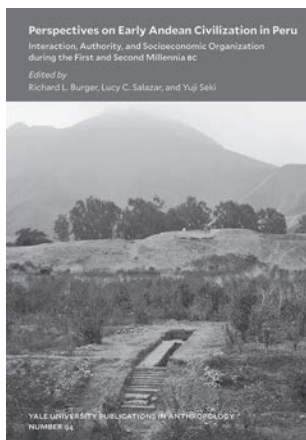




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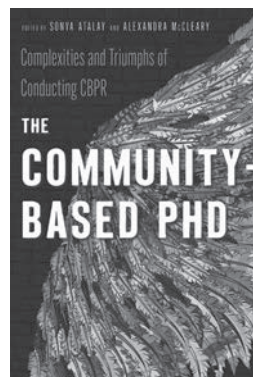
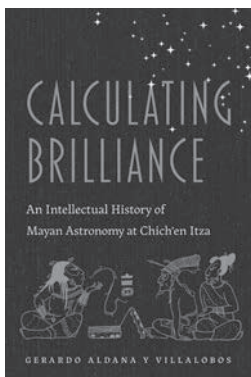
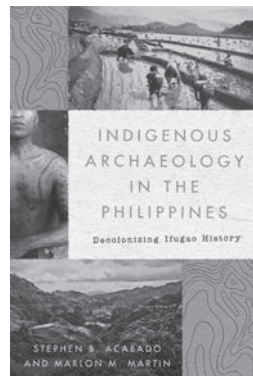
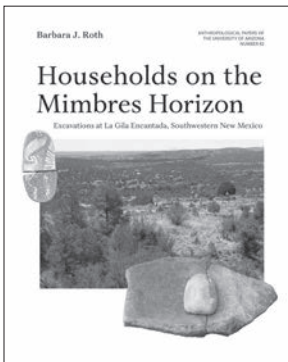
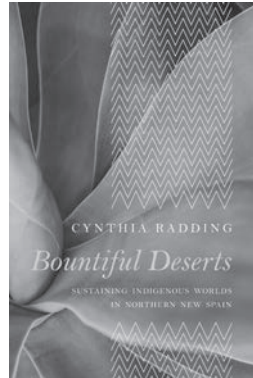
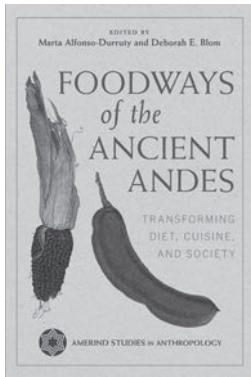
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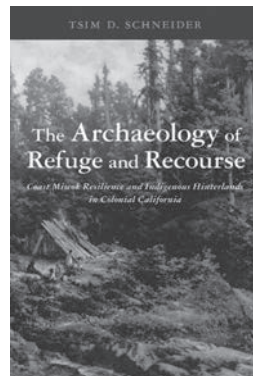
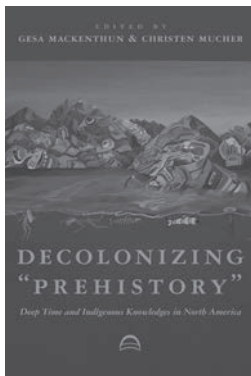
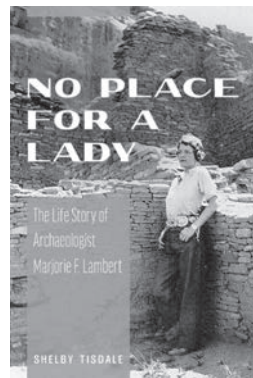
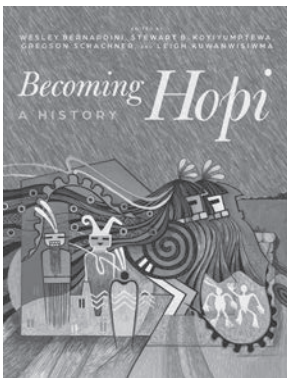
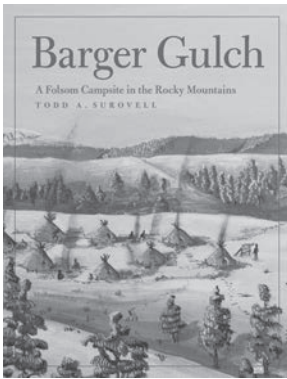
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Program of the 88th Annual Meeting

March 29–April 2, 2023
Portland, Oregon



SOCIETY FOR AMERICAN ARCHAEOLOGY

THE ANNUAL MEETING of the Society for American Archaeology provides a forum for the dissemination of knowledge and discussion. The views expressed at the sessions are solely those of the speakers and the Society does not endorse, approve, or censor them. Descriptions of events and titles are those of the organizers, not the Society.

Program of the 88th Annual Meeting
Published by the
Society for American Archaeology
1990 K Street NW, Suite 401
Washington, DC 20006 USA
Tel: +1 (202) 789 8200
Email: headquarters@saa.org
Website: <https://www.saa.org>

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Land Acknowledgment

Authored by the 2023 Local Advisory Committee in consultation with the SAA Committee on Native American Relations

Welcome to our community, in the place we now call Portland, which is located in the traditional and ancestral homelands of the Multnomah, Claw-wewallah, and Clackamas Chinookan peoples and Tualatin Kalapuya. These and other Indigenous tribes and bands have resided on lands throughout Oregon and the Northwest since time immemorial and continue to be a vibrant part of Oregon today. Portland is home to those original stewards and a diverse and resilient Native American community, the ninth-largest urban Indigenous population in the country. We recognize the preexisting and continued sovereignty of the federally recognized tribes who have ties to Portland and thank them for continuing to share their traditional ecological knowledge and perspective on how we might care for one another and the land, so it can take care of us.

We acknowledge that this land was stolen from the Indigenous people who lived and still live here, and we reflect on the Euro-American displacement, removal, and genocide of the people who call this place home. Yet acknowledgment without commitment to explicit actions falls short of our personal, institutional, and professional responsibilities. We challenge ourselves—the SAA community—to support Indigenous communities by taking action in our work and in our personal lives. Action can take a variety of forms, such as challenging stereotypes of Indigenous peoples, demanding and providing accurate history education, educating ourselves about Tribal issues, or pressuring government officials to support programs that provide some measure of redress for previous systematic harmful policies. Giving your support to entities directly working to address some of the impacts of colonization is one way SAA members can act. The Local Advisory Committee and the Committee on Native American Relations identified a few such organizations, which include the Native American Youth and Family Center of Portland; Native American Rights Fund; Association of Tribal Archives, Libraries, and Museums; and National Association of Tribal Historic Preservation Officers.

While you are in attendance at these meetings, we charge you to learn about the local Native American community of our region. Attend any of the scheduled field trips, which will offer a Native perspective on the region. Visit with Tribal representatives from the area who will be sharing their perspectives at the designated area of the Exhibit Hall or at other venues at the meeting.

We hope you will take these ideas home with you and learn about current and historical Indigenous communities where you reside.

Meeting Safety Policy and Code of Conduct at SAA Events

I. Principles

Background

This policy (“Policy”) defines a code of conduct for attendees of the SAA Annual Meeting and other SAA events and mandates response to incidents of misconduct in activities sponsored by the SAA. This Policy will be reviewed and updated, as needed, every three years unless events and situations necessitate earlier action.

Everyone is entitled to a safe and harassment-free experience when participating in SAA activities. The SAA understands that participation at its events is an important part of career development and affirms the values of respect, equity, multicultural pluralism, and nondiscrimination at these gatherings. Harassment harms the individual. Harassment also damages the SAA community by discouraging participation in SAA events and compromising the exchange of ideas that is at the center of the SAA’s mission to promote and stimulate interest and research in the archaeology of the Americas and beyond.

Because of the importance of the meeting to career development and concerns at the Society about inclusion of marginalized groups in the Society’s events, the SAA has elected in this Policy to give priority to survivors of harassment and assault and to ensure their ability to participate freely in SAA events.

Scope

This policy applies to all meeting attendees at the SAA Annual Meeting and any SAA events, which includes the conference rooms and organized sessions of the SAA, workshops, excursions, receptions, webinars, and SAA committee, task force, and interest group meetings.* Although reportable incidents are **not** limited to those occurring at the Annual Meeting and SAA events, any expulsions or restrictions are limited to areas under SAA control. For example, the SAA can bar or exclude an individual from conference sessions, exposition halls, SAA meetings, or social events; however, the SAA’s ability to restrict individuals from spaces accessible to the general public is limited.

* SAA committee, task force, and interest group meetings take place in various venues; the Policy will apply, regardless of venue, for all committee, task force, and interest group meetings that are formally convened. The Policy will not apply to SAA events that are open to the public.

Attendee Health and Safety

When any event participant discloses or reports an incident of misconduct, the SAA's first immediate priority will be the health, safety, and well-being of the attendee. Except in emergency situations, where the venue policy and procedure take precedence, the SAA Executive Director and SAA President, in consultation with legal counsel and hotel/convention center security, will determine whether the involvement of local law enforcement is necessary or prudent.

II. Code of Conduct

SAA meeting participants involved in SAA activities and events are expected to conform to the principles and provisions of this policy and to the SAA Principles of Archaeological Ethics.

The following behaviors are prohibited at the SAA Annual Meeting and SAA events:

- Harassment of any kind, including sexual harassment, sexual assault, and coercion
- Physical or verbal abuse, including bullying
- Unwelcome comments and/or exclusionary behaviors related to an individual's age, sex, gender identity and expression, perceived sexual identity, appearance or body size, military status, ethnicity, individual lifestyle, marital status, sexual orientation, physical or cognitive abilities, political affiliation, race, religion, or nationality
- Intimidation, stalking, or following

Any attendee who is required by their employer or by a legal process to refrain from certain behaviors or from contact with certain individuals is expected to adhere to those restrictions while participating in all SAA activities. Violation of employer requirements and/or legal restrictions will constitute a violation of this Code of Conduct if disclosed or reported.

Prohibition against Retaliation

Retaliation is when someone penalizes another person for

- Reporting, or expressing an intent to report, what the person believes in good faith to be assault, harassment, or any conduct prohibited by the SAA as stated herein
- Assisting another in reporting assault or harassment, or any conduct prohibited by the SAA
- Participating in any SAA inquiry, review, or investigation pertaining to misconduct

- Having previously reported assault, harassment, or misconduct, and/or having participated in an inquiry, review, or investigation, whether the potential violation occurred at SAA or elsewhere

SAA strictly prohibits retaliation to ensure that SAA event participants feel comfortable coming forward with their concerns without fear of reprisal. Any person who engages in retaliation in violation of this Policy will be subject to barring or expulsion from SAA events, possible termination of membership, or other disciplinary action.

III. Ombuds at the SAA Annual Meeting

Section III on the selection and role of the Ombuds is available online at the complete policy: <https://www.saa.org/annual-meeting/meeting-policies/meeting-safety-policy>

To read about and meet the 2023 ombuds, please go to page 11.

IV. Disclosure and Reporting at the SAA Annual Meeting

SAA encourages reporting of any conduct in violation of the Code of Conduct in Section II above, regardless of the identity of the offender. While SAA encourages individuals to firmly and promptly notify the offender that the behavior is unwelcome, SAA also recognizes that power and status disparities between the offender and the recipient of the offensive conduct may make such a confrontation problematic. Consequently, such direct communication is not a requirement or prerequisite for filing a complaint.

Ombuds Visit

Any meeting attendee may reach out to the SAA Meeting Ombuds. This is an independent, informal, and confidential process that enables attendees to discuss any matter of discomfort or distress. The topic of concern may have occurred at an SAA event or elsewhere, or at any point in the past. Connecting with the Ombuds does not require identifying the individual against whom the report is being made (“Subject Individual”*) nor naming the Attendee to the Subject Individual(s) or to the SAA.

Ombuds visits are intended to explore creatively the range of legal, institutional, policy, and personal options and to discuss with the visitor benefits

* For the purposes of this Policy, “Subject Individual” refers to anyone against whom a report is being made, regardless of SAA membership status.

and disadvantages in order to help the individual identify solution(s) that best support them.

While high-level data about the overall categories and types of issues will be shared with the Board by the Ombuds (in the interest of improving the meeting in the future), the Ombuds will adhere to their obligation of confidentiality (unless the individual consents to disclosure), and no specific or identifying information will be shared with the SAA.

Visiting an Ombuds is not mutually exclusive with other processes (e.g., disclosure or report.)

Disclosure and Report

Any SAA member or participant at the SAA Annual Meeting (“Attendee”) may submit a disclosure or a report (as defined below) to the SAA President or Executive Director. Reports and disclosures can be made orally or in writing. There may be circumstances, particularly with Reports, where an oral report may need some written documentation. The SAA President and Executive Director will be the primary point of contact for the Attendee. Attendees may report incidents with or without identifying the Subject Individual. For purposes of this Policy, the following definitions shall apply:

Disclosure (hereinafter “Disclosure” or “Disclosures”) occurs when an Attendee notifies the SAA of a violation of the Code of Conduct or other misconduct and requests assistance from the SAA to enable the Attendee’s continued safe participation in SAA activities. The violation may have occurred at an SAA event or elsewhere, or at any point in the past. Disclosure does not require further investigation or identifying the Subject Individual(s). Disclosure does not require naming the Attendee to the Subject Individual(s). A Disclosure may be made to the SAA President or Executive Director.

The Attendee’s identity shall remain anonymous, unless the Attendee elects to be identified.

In cases where a Disclosure is made without identification of the Subject Individual, actions that may be taken will be limited to making accommodations for the Attendee, such as arranging for escorts to, from, and during SAA events at the Annual Meeting.

Reporting (hereinafter “Report” or “Reports”) occurs when an Attendee notifies the SAA of a violation of the Code of Conduct,

and requests that the SAA review the matter and take action against the Subject Individual to enable the Attendee's continued safe participation in SAA activities. A Report may be made to the SAA President or Executive Director.

Reporting requires that an Attendee identify the Subject Individual. A Report will require a description of the alleged incident of misconduct from the Attendee and may be strengthened by statements from any witnesses to the incident.

The SAA President and Executive Director may provide the Subject Individual with a description of the incident and request a timely response. The SAA President and Executive Director will reiterate the non-retaliation provision of the Code of Conduct to the Subject Individual.

Disclosures and Reports under this Policy may be made orally or in writing. To assist Attendees, a form for submission of a written Disclosure or Report is attached to this Policy as **Appendix A**, and all Attendees are encouraged to use this form. The Attendee may designate a third party to represent them when submitting a Disclosure or Report, provided the third party can present written proof or confirmation of such designation to ensure such third party is authorized to speak on the Attendee's behalf (e.g., signed letter/affidavit). Individuals who are submitting Reports on behalf of other SAA members or individuals should use the form and note that it is on another person's behalf.

Role of the Ombuds

Attendees who submit a Disclosure or Report will be encouraged to speak with the SAA Ombuds at the Annual Meeting as well. The Ombuds will explore with the Attendee ways to stay safe and ways to participate as fully as possible in the meeting. If a formal report has not been submitted by the Attendee (in cases where a Disclosure has been made), the Ombuds may discuss the option of filing a Report with the SAA as outlined in this Policy; a complaint with the Subject Individuals' employing institution or local law enforcement; or a grievance with the Register of Professional Archaeologists or another adjudicating body; along with exploring local, institutional, legal, and interpersonal options.

The Ombuds may, if appropriate, mediate or otherwise assist the Attendee and Subject Individual in reaching a resolution, particularly in cases of misunderstandings, if the parties agree to that process.

Actions

THE SAA PRESIDENT AND EXECUTIVE DIRECTOR, IN CONSULTATION WITH SAA LEGAL COUNSEL, SHALL BE EMPOWERED WITH THE DISCRETION TO TAKE ACTION AT THE SAA ANNUAL MEETING.

Actions may include, but are not restricted to, the following:

- Providing access to escorts to, from, and during events for the Attendee
- Removing the Subject Individual from the Annual Meeting
- Requiring the Subject Individual to modify and/or restrict his or her behavior and activity at the SAA Annual Meeting
- Other reasonable steps, consistent with the nature of the alleged misconduct

The SAA President and Executive Director will complete a written memo, summarizing the facts obtained and the resolution. The Attendee and Subject Individual will receive a copy. **There may be circumstances in which identities shall be left out or redacted from the memo.**

The SAA President and Executive Director shall be responsible for prompt updating to the Attendee about the actions taken. The SAA President and Executive Director will be responsible for notifying the Subject Individual about actions the SAA is taking.

The SAA President and Executive Director's memo shall be sent to the Findings Verification Committee referenced in Section V below for further review and determination of whether or not the Subject Individual should be barred from future SAA Annual Meetings or events.

Sections disclosing and reporting prior to the meeting, privacy and education and communication are all available online at <https://www.saa.org/annual-meeting/meeting-policies/meeting-safety-policy>.

Information on Ombuds

How to Contact the Ombuds

Ombuds email: saaombuds@gmail.com
Ombuds phone: (949) 293-7515

The ombuds will be available for face-to-face meetings at the annual meeting in room C127 in the Oregon Convention Center (*please note that the office will be closed for 30 minutes for lunch*):

Wednesday, March 29: 2:00 p.m.–10:00 p.m.

Thursday, March 30: 8:00 a.m.–6:00 p.m.

Friday, March 31: 8:00 a.m.–6:30 p.m.

Saturday, April 1: 8:00 a.m.–5:00 p.m.

Sunday, April 2: 8:00 a.m.–12:00 p.m.

Meet the 2023 Annual Meeting Ombuds

Kathleen, International Ombudsman Association, certified mediator

Kathleen Canul has over 20 years of experience serving as an ombuds in higher education. She has provided conflict management and alternative dispute resolution services to several professional organizations and is currently the director of Ombuds Services at the University of California, Los Angeles. She is a certified mediator and member of the International Ombudsman Association. She also offers trainings on workplace conflict, communication, diversity, and inclusion. She earned an MS and PhD in clinical psychology from Washington State University and is a licensed psychologist, former psychology instructor, and member of the American Psychological Association. Ella habla inglés y español fluido.

Contact the Ombuds / Contacta el Ombuds

Phone/Teléfono: (949) 293-7515, or in their office / o en la oficina (Room C127, Oregon Convention Center)

E-mail: saaombuds@gmail.com

www.saa.org/ombuds



Annual Business Meeting and Awards Presentation

Friday, March 31, 2023

The Annual Business Meeting will take place in Ballroom 204 (OCC).

5:00 p.m. **Call to Order**

Call for Approval of Minutes of the 2022 Annual Business Meeting

Brief Remarks

President Dan Sandweiss, PhD, RPA

Written Reports and Brief Highlights

Treasurer Kimberly Redman

Secretary Kelley Hays-Gilpin

Executive Director Oona Schmid

Presentation of Awards

Presidential Recognition Awards

Gene S. Stuart Award

2022 Archaeology Celebration Poster Contest Awards

Student Poster Award

Student Paper Award

Ethics Bowl Trophy

Scholarships and Fellowships

Dissertation Award

Charles Stanish SAA Annual Meeting Travel Award (El Premio Anual
Anual Charles Stanish para asistir a la Reunión Anual de la SAA)

Book Awards

Lifetime Achievement Award

Award for Excellence in Archaeological Analysis

Award for Excellence in Cultural Resource Management

Award for Excellence in Curation and Collections Management

Award for Excellence in Collections-based Research and
Education

Excellence in Public Archaeology Programming Award

Outstanding Public Archaeology Initiative Award

Distinguished Achievement in Public Archaeology Award

Binford Family Award for Teaching Scientific Reasoning in
Archaeology
Robert S. Peabody Institute of Archaeology Award for Archaeology
and Education
Crabtree Award
Fryxell Award for Interdisciplinary Research

New Business
Ceremonial Resolutions

6:30 p.m. **Adjournment**

A Farewell to Deb Nichols

Please join fellow SAA members in the Ballroom Lobby from **6:45 p.m. to 8:15 p.m.** in raising a glass to remember our immediate past president, Deb Nichols, an exemplary peer, mentor, and friend.

As president of the SAA, Deb championed commitments to inclusivity and professionalization by establishing Meeting Access Grants. Her family will endow these grants in her memory, and those wishing to remember Deb may consider contributing to the Deborah L. Nichols Meeting Access Grants endowment through donations to the SAA so designated. Proceeds from the fund will support meeting grants in her name.

Light refreshments courtesy of Arizona State University (School of Human Evolution & Social Change and Teotihuacan Research Laboratory), and Purdue University Laboratory for Computational Anthropology and Anthroinformatics.

2023 Award Recipients

Each SAA award recipient is selected by a dedicated and knowledgeable award committee—one for each award—made up of SAA member volunteers. Presidential Recognition Awards are bestowed by the SAA president to honor exemplary service to the Society. The Board of Directors wishes to thank the award committees for their hard work and excellent selections, and to encourage any members who have an interest in a particular award to volunteer to serve on a future committee.

Presidential Recognition Award

Recipient: Deborah L. Nichols

For her lifelong dedication to archaeology and her selfless, effective, and inspiring leadership of the Society for American Archaeology, we are both proud and sad to present this posthumous award to Deborah L. Nichols as a token of our love and esteem.

Presidential Recognition Award

Recipient: Jim Bruseth

For his selfless dedication to serving the SAA as treasurer, for stepping up twice to fill urgent openings on the board, and for sharing his expertise in finance and investment to the good of the Society.

Presidential Recognition Award

Recipient: Virginia L. Butler and Shelby L. R. Anderson

For their proactive, engaged leadership of the 2023 Annual Meeting Local Advisory Committee.

Presidential Recognition Award

Recipient: Emily Dylla

For her thoughtful, diligent work and careful attention to ethical issues as chair of the 2023 Annual Meeting Program Committee.

Presidential Recognition Award

Recipient: Christopher A. Pool

For his outstanding, successful leadership—not once, but twice—of the Task Force on the Latin American Antiquity Co-Editors Search.

Gene S. Stuart Award

Recipient: Jude Isabella

Jude Isabella's multimedia journalism about Native people in coastal South America highlighted the modern impact of archaeological narrative construction and amplified the voices of Indigenous stakeholders. Isabella's

piece “Declared Extinct, the Yaghan Rise in the Land of Fire” published in *Hakai Magazine* is an outstanding example of engaging and responsible writing about archaeology.

2022 Archaeology Celebration Poster Contest Awards

Recipients: 1st Place: Wyoming; 2nd Place: Tennessee; 3rd Place: California

Dienje Kenyon Memorial Fellowship

Recipients: Christine Conlan and Sylvia Wemanya

Christine Conlan earned a Dienje Kenyon Memorial Fellowship through her innovative use of zooarchaeological, ZooMS, and aDNA techniques to study the impact of human hunting on Caribbean species. Her work on sea turtles and Curacao deer will not only shed light on their past interactions with humans but also provide important data for understanding the factors that affect the resilience of these vulnerable animals. (Simon Fraser University)

Sylvia Wemanya earned a Dienje Kenyon Memorial Fellowship for pioneering new approaches to the zooarchaeology of Kenya. Her work on the long history of fishing in East Africa, and how human foodways changed or persisted with the introduction of pastoralism, will shed important new light on the early Holocene in the region. (Rice University)

Fred Plog Memorial Fellowship

Recipient: Caitlin Wichlacz

Caitlin Wichlacz earned the Fred Plog Memorial Fellowship for research on provenance and production technologies of polychrome ceramics of the “Salado phenomenon” in the US Southwest as they relate to broader Classic period Hohokam ceramic practices. In her Phoenix basin case study of Salado assemblages, Wichlacz engages legacy collections and new research and brings together multiple lines of evidence, including compositional analyses of ceramics, morphometric analyses of whole vessel profiles, attribute analyses of ceramic sherd collections, and spatial analyses of excavated assemblages. This work reassesses previous explanatory models of the practical and social meanings of engagement with Salado materials and practices at the local and regional scale, which variously included discussions of identity, economics and politics, religious changes, migration and communities of practice, and social movements. Wichlacz further engages topics related to cultural identity and migration, which contribute to the determination of cultural affiliation under NAGPRA. (Arizona State University)

Paul Goldberg Award

Recipient: Chloé Stevens

For her project using geoarchaeological techniques to investigate submerged

Holocene assemblages, we proudly present the 2023 Paul Goldberg Award for master's research in Earth science and archaeology to Chloé Stevens. (Florida State University)

Douglas C. Kellogg Fellowship for Geoarchaeological Research

Recipient: Alana Pengilley

For her project using provenience analysis to investigate the economic system of the Maya lowlands, we proudly present the 2023 Douglas C. Kellogg Fellowship for doctoral research in Earth science and archaeology to Alana Pengilley. (University of Texas at Austin)

Dissertation Award

Recipient: Wing Tung Jada Ko

Dr. Ko's dissertation is exceptional and creatively conveyed an important topic with personal touches, making this complex work enjoyable to read. Dr. Ko combined traditional and innovative zooarchaeological approaches with inclusive cognitive, historical, and ethnographic analyses of a dynamic period within the history of eastern Central China. The result is a theoretically sophisticated study that illustrates a broad range of knowledge on human-animal interactions that is deftly put into a context of social memory and practice. Its implications extend beyond the field of archaeology into conservation and ecological studies and boldly veers into the philosophy of how past cultures and modern communities conceptualize the "natural" world and important symbolic animal species. The committee believes this to be an excellent addition to the subfield of zooarchaeology, but it also significantly contributes to how archaeologists and researchers in related fields consider ways that past cultures engaged with nonhuman aspects of their ecosystems. (Harvard University)

Charles Stanish SAA Annual Meeting Travel Award (El Premio Anual Charles Stanish para asistir a la Reunión Anual de la SAA)

Recipient: Oscar Arias Espinoza

Book Award—Scholarly

Recipients: Frances M. Hayashida, Andrés Troncoso, and Diego Salazar (editors)

Rethinking the Inka: Community, Landscape, and Empire in the Southern Andes (University of Texas Press)

With extraordinary careers focused on the study of the Inkas in South America, Frances M. Hayashida, Andrés Troncoso, and Diego Salazar have used an interdisciplinary research perspective to enrich the archaeology of that region. Their outstanding study of the southern part of the Inka Empire reveals an economic, political, and ideological complexity in which

archaeology plays a decisive role in their explanations. Hayashida, Troncoso, and Salazar clearly demonstrate in the book *Rethinking the Inka* that archaeology provides another interpretation that goes beyond historical and ethnographic sources traditionally utilized in the studies of the Inka empire. Furthermore, the book is an excellent example of the way in which an empire effectively operates and this is an important contribution for those who, using an archaeological perspective either in the New or the Old World, analyze complex political systems such as empires.

Book Award—Popular

Recipients: Nan A. Rothschild, Amanda Sutphin, H. Arthur Bankoff, and Jessica Striebel MacLean

Buried Beneath the City: An Archaeological History of New York (Columbia University Press)

With extraordinary careers focused on the study of the archaeology of New York City, Rothschild, Sutphin, Bankoff, and Striebel MacLean have used an interdisciplinary research perspective to enrich the archaeology of that urban center by authoring the book *Buried Beneath the City*. Archaeological and historical data evidence different moments of occupation of that city, and these moments reveal distinctive sociocultural processes that New York experienced before European contact, the colony, and the nineteenth century. Considering the grandeur of New York, its busy cityscape, and the intricate underground system, archaeology can still reveal valuable moments from the past that gradually helped shape New York. The archaeological analysis carried out by these scholars shows that archaeology not only can produce an interpretation of the past but can narrate this past in an alternative way..

Lifetime Achievement Award

Recipient: Timothy Earle

Timothy Earle has earned the 2023 SAA Lifetime Achievement Award for his diverse body of distinguished scholarship, mentorship of numerous students, and intensive fieldwork and collaboration with international and national colleagues. He has worked diligently to connect academic research agendas with cultural resource management priorities to create long-standing, deep, and productive relationships in which ideas and data can flow freely. He is widely recognized for his significant contributions in archaeological theory building, especially studies of political economy. His long-term research on chiefdoms generated some of archaeology's standard nomenclature, such as the concepts of staple finance and wealth finance that illustrate the different ways in which people leverage environments and human energy to achieve political results. His capacity for institutional-level development within archaeology, his ability to clearly communicate complex

ideas, and his service to both the SAA and the AAA can be credited for keeping Anthropology a four-field discipline.

Award for Excellence in Archaeological Analysis

Recipient: Dale R. Croes and Ed Carriere

The collaborative partnership of Dale R. Croes (Washington State University) and Ed Carriere (Suquamish Elder and Master Basketmaker) has earned the SAA's Award for Excellence in Archaeological Analysis. Their work with basketry from Northwest Coast wet sites, described in their 2018 book *Re-Awakening Ancient Salish Sea Basketry: Fifty Years of Basketry Studies in Culture and Science*, is a model for combining archaeological data with generational technological knowledge and for real engagement with descendant and scientific communities.

Award for Excellence in Cultural Resource Management

Recipient: Sarah Schlanger

We are thrilled to award Dr. Sarah Schlanger with this year's Award for Excellence in Cultural Resource Management! As noted by her nominator, Dr. Schlanger is an innovative and insightful scientist and land manager. She thinks and acts at a landscape scale in her research and preservation work. Through work on the Dolores Archaeological Project, in the New Mexico Office of Archaeological Studies, as director of the Museum of New Mexico, and in multiple positions with the Bureau of Land Management (BLM), Dr. Schlanger has made substantial contributions to understanding the land and peoples of the US Southwest. She has also contributed to a national discussion of the importance of cultural resources management. Dr. Schlanger has published almost 50 works, which have been cited more than 900 times. In addition, she has dedicated significant volunteer time to professional service. Dr. Schlanger is dedicated and has made significant contributions reflecting excellence in cultural resources management..

Award for Excellence in Curation and Collections Management

Recipient: The Digital Archaeological Record (tDAR)

The Digital Archaeological Record (tDAR) has earned the SAA's Award for Excellence in Curation and Collections Management for their groundbreaking contributions and innovations in the area of archaeological data preservation. Among these contributions are the archiving of 425,900 resources, included within which are nearly 5,000 individual collections. This includes a staggering 16,202 documents, 20,259 images, and 2,042 datasets representing contributions from across the globe. The development of this resource, now in its second decade, has facilitated unprecedented awareness of and access to archaeological datasets, and supported the research of students and professionals alike. Moreover, the core tenets of tDAR are

fundamentally aligned with the Ethical Principles of the SAA, including but not limited to Principle 4 (Public Education and Outreach), Principle 6 (Public Reporting and Publication), and Principle 7 (Records and Preservation). This award recognizes both the achievements and enduring legacy of tDAR.

Award for Excellence in Collections-based Research and Education

Recipient: Arkansas Archeological Collections Initiative (AACI)

(The Arkansas Archeological Survey wishes to dedicate this award to the memory of our dear friend and colleague, Teka McGlothlin.)

The Arkansas Archeological Survey's Arkansas Archeological Collections Initiative (AACI) has earned the SAA's Award for Excellence in Collections-based Research and Education for their collaborative and comprehensive program, which is commendable in its dedication to inclusivity rather than exclusivity in the field of collections management. The AACI is notable for its well-rounded approach not only to programming but to people, counting partnerships with museums, Tribal Nations, descendant communities, state agencies, and community organizations among its achievements. Furthermore, programming developed through the AACI is profoundly collaborative; 3D scanning has been used as a tool for both community engagement and public access, while the AACI's relationship with Tribal Nations has resulted in both past and future opportunities for partnership in archival preservation and cooperative archaeological fieldwork. This award recognizes the achievements of the AACI to date, as well as the immense potential demonstrated for future collaborations and projects.

Excellence in Public Archaeology Programming Award

Recipient: University of Iowa Office of the State Archaeologist Education and Outreach Program

The University of Iowa Office of the State Archaeologist Education and Outreach Program is a robust, ongoing program with a multi-decade history of collaborative success. Since 2019, the Education and Outreach Program has been administratively delivered by the Office of the State Archaeologist's Strategic Initiatives staff, directed by Elizabeth Reetz. The Office of the State Archaeologist works with partners at the federal, state, university, and local levels to promote best practices in archaeological engagement, outreach, and education, reaching an average of 5,200 Iowans each year and in-person presentations conducted in at least 25 counties annually. Specific highlights of the program include a partnership with the University of Iowa to develop the initiative Connected for Life: Object-based Digital Programming to Foster Active Minds for Senior Living Communities, and producing creative mitigation for FEMA that included developing Web-based educational materials based on a collaborative discovery process including Tribal representatives.

Outstanding Public Archaeology Initiative Award

Recipient: The Massachusetts Archaeological Society (MAS) and the Robert S. Peabody Institute for Archaeology (RSP)

The Massachusetts Archaeological Society and the Robert S. Peabody Institute have earned the Outstanding Public Archaeology Initiative Award for their live presentation and video series “Diggin’ In: Digital Conversations with Archaeologists.” The series consisted of five seasons, with 49 total episodes. These were broadcast live over Zoom reaching an initial audience of 350 over Zoom for the live program, then 7,000 views on YouTube. The program’s goals were to connect the public to research by emerging or underrepresented scholars in archaeology and spotlight innovative or marginalized research topics, themes, and methodologies. The focus of “Diggin’ In” on these critical aspects of archaeology helped to generate media coverage of these themes. This initiative demonstrates the critical role archaeologists can play in communicating contemporary themes in archaeology to the public.

Distinguished Achievement in Public Archaeology Award

Recipient: Dr. A. Gwynn Henderson

Dr. A. Gwynn Henderson has earned the SAA’s Distinguished Achievement in Public Archaeology Award for her career-long commitment to public archaeology and archaeology education. Dr. Henderson began working in public archaeology and archaeology education in the late 1980s as staff archaeologist and coordinator for the Kentucky Archaeological Registry and Kentucky Archaeology Education Network at the University of Kentucky. She later became the senior staff archaeologist and education coordinator for the Kentucky Archaeological Survey. This award recognizes Dr. Henderson’s outstanding contributions to public archaeology. Highlights of Dr. Henderson’s innumerable contributions to the field of public archaeology include creating the Kentucky Archaeological Registry, a preservation program that works with landowners to protect archaeological sites on private property. She also has worked with others to organize Living Archaeology Weekend, Kentucky’s largest public archaeology event. She has led efforts to create digital learning resources, including the Kentucky Heritage video series, and multiple place-based lessons focused on Kentucky archaeology.

Binford Family Award for Teaching Scientific Reasoning in Archaeology

Recipient: Ayana Omilade Flewellen

Ayana Omilade Flewellen is awarded the Binford Family Award for Teaching Scientific Reasoning in Archaeology for distinguishing themselves as a leading voice in the archaeology of our moment, reshaping the discipline into

a force for social justice. They are inspiring a new generation of students to not simply rethink archaeology but to rethink what scientific and critical reasoning mean in a discipline where they have long been synonymous with appropriation and colonization. Dr. Flewellen draws from Black feminist philosophies to interrupt archaeological traditions and ask critical questions about historical relations of power and the power of relations—the relations of object to interpreter, author to subject, person to place, and each human's connection to past, present, and future. This characterizes Dr. Flewellen's work inside and outside the classroom, including co-founding and leadership of the Society of Black Archaeologists, work with Diving With a Purpose, critical research projects, and public programming..

Robert S. Peabody Institute of Archaeology Award for Archaeology and Education

Recipient: Pima Community College Centre for Archaeological Field Training

Pima Community College Centre for Archaeological Field Training has earned the Robert S. Peabody Institute of Archaeology Award for Archaeology and Education for their long-term commitment to archaeology education. Through the Pima Community College Archaeology Centre's certificate program, which includes a Southwest Prehistory pathway, a Field Methods pathway, and a GIS and Technology pathway, students learn the fundamentals of archaeological methods, ethics, and technology while attending community college and earning a certification at affordable rates. Pima Community College's programs provide an important career pathway for prospective archaeologists in a time when there are increasing demands for CRM professionals. Importantly, the program provides a career pathway for local students that does not require a four-year university education. PCC's Archaeology Program, and the unique educational services it provides, exemplify what should be replicated across the country to provide affordable, equitable, and accessible education to students thinking about careers in archaeology.

Crabtree Award

Recipient: Darlene L. Brinkerhoff

Since the 1980s, Darlene Brinkerhoff has been a dedicated avocational archaeologist who has been very active as a volunteer in the Little Colorado River Valley and beyond, working with agency and academic archaeologists on a variety of projects. Her particular passion is preserving the cultural resources in the region, in particular finding, recording, and interpreting the rock art found there. In addition to working as a survey and excavation crew member, she has been a volunteer in the Arizona Site Stewards program, monitoring sites to ensure that they are secure. Further, she started and has

sustained the Homol'ovi Chapter of the Arizona Archaeological Society and participates in outreach events to schools and civic groups.

Fryxell Award for Interdisciplinary Research

Recipient: Timothy Beach

Timothy Beach earned the Fryxell Award in the Earth Sciences for his work as an accomplished geoarchaeologist focused on the reconstruction of land-use, agriculture, and human-environmental interaction using interdisciplinary methods. Tropical and subtropical soils are relatively understudied, especially within archaeological contexts, and Tim paved the way in bringing together methods to successfully reconstruct past environmental and human changes using these soilscapes. He is widely published in the fields of geoarchaeology, geomorphology, geography, and allied disciplines. His work applies new and innovative geoarchaeological techniques on soils and sediments in the Maya Lowlands of Guatemala, Belize, and Mexico. He has also contributed to the geoarchaeology of other regions spanning different latitudes and landscapes such as Italy, Turkey, Colombia, Peru, China, Iceland, and Puerto Rico. In these endeavors, Tim interacted with and invested in local communities and provided the opportunity to junior scholars and graduate students to contribute to these works.

The SAA's 89th Annual Meeting in 2024!

Plan now to attend the SAA 89th Annual Meeting in New Orleans, Louisiana, April 17–21, 2024. Submission guidelines for those who wish to submit papers, posters, or sessions for consideration can be found at

www.saa.org/annual-meeting/submissions

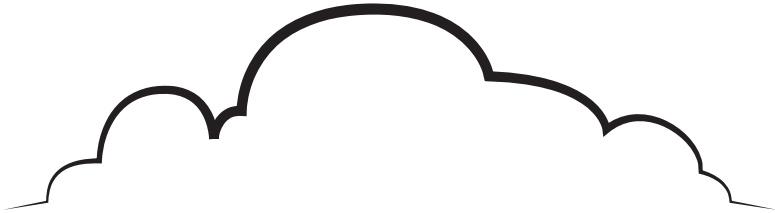
The submission system for the SAA 89th Annual Meeting in New Orleans will open on May 1, 2023.

New for 2024! Submissions about archaeology of the southeastern United States will be considered for the “Southeast Session Series.” The SAA will schedule these events sequentially so that there is a minimum of overlap.



SOCIETY FOR AMERICAN ARCHAEOLOGY

ANNUAL MEETING APP



In the SAA 88th Annual Meeting app you can

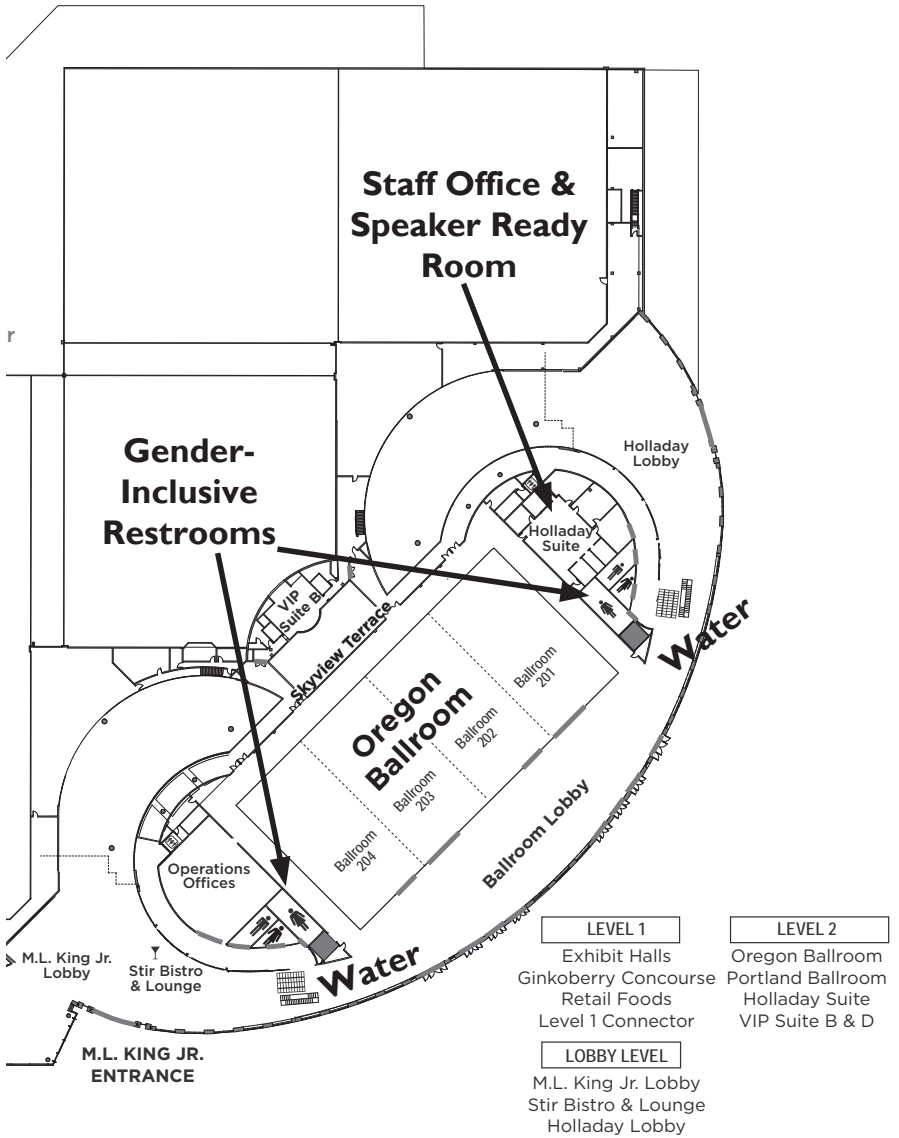
- Create your session schedule
- Read all session and paper abstracts
- Browse presentations by presenter name
- Access maps for the Oregon Convention Center and the Hyatt Regency Portland
- Receive local Portland information that will only be available on the app
- View an up-to-date list of all exhibitors
- Receive important real-time notices

The annual meeting app is the single source for up-to-date information about the annual meeting.





Oregon Convention Center Level I



Oregon Convention Center Level 2

Meeting Organizers, SAA Board of Directors, and SAA Staff

Program Committee Chair

Emily Dylla
Texas Historical Commission

Program Assistant

Gwendolyn Ruth Jones

Committee Members

Mikayla Lane Absher
Sarah I. Baitzel
Amy Anne Borgens
Matthew T. Boulanger
Karen Brunso
Gina M. Buckley
Lauren Bussiere
Rachel Cajigas
Allison M. Casaly
Molly Casperson
Julissa A. Collazo López
Mackenzie J. Cory
Jordan A. Dalton
Emily L. Dawson
GeorgeAnn DeAntoni
Maia C. Dedrick
Eve Harene Dewan
Catherine Dickson
Stacy Drake
Julia E. Earle
Claire Ebert
James Tait Elder III
Matthew Elverson
Suzanne Eskenazi
Alejandro J. Figueroa
Steve Filoromo
David A. Gadsby
Rolando L. Garza
Whitney A. Goodwin
Sarah R. Graff
Dennis Griffin
Anya Gruber

Matthew C. Guebard
Yanlong Guo
Neha Gupta
Attila Gyucha
Martin Handly
Lucy Harrington
Thomas C. Hart
David C. Harvey
Blair E. Heidkamp
Elizabeth Hora
Meghan Howey
John Duncan Hurt
Catherine L. Jalbert
Jamie Kennedy
Carla E. Klehm
Lisa M. Krussow
Christopher LaMack
Ashley Lemke
Maureece J. Levin
Angelina J. Locker
Ginessa J. Mahar
Paul Shawn Marceaux
Damien B. Marken
Maria M. Martinez
Lindi J. Masur
Hannah V. Mattson
Weston C. McCool
Madeleine McLeester
Patricia Neuhoff-Malorzo
Reno Nims
Kofi Nutor
Gabriela Oré Menéndez
Alana Pengilley
Matthew Picarelli-Kombert
Michael J. Retter
Chelsea Rose
Lillian Salamone
Lara Mercedes Sánchez-Morales
Aryn G. N. Schriener
Eric Austin Schroeder

Carol A. Schultze
Tara Skipton
Andrew D. Somerville
Debora C. Trein
Cameron Walker
V. Camille Westmont
Adam S. Wiewel
Katherine Wilson

**Local Advisory Committee
Chair**

Virginia L. Butler

Committee Co-Chair

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Committee Members

Bradley S. Bowden
Julia Cleary
Briecce R. Edwards
Aaron Hood-Foster
Anna A. Neuzil
Virginia Park

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Elizabeth Pruitt
Manager, Education and Outreach

Amy Rutledge
Manager, Communications and
Fundraising

Emma Sunseri
Coordinator, Membership Services

Cheng Zhang
Manager, Information Services

General Information

MEETING ROOM LOCATIONS

Meeting events will be in both the Oregon Convention Center (OCC) and the Hyatt Regency Portland (H).

ABSTRACTS

The abstracts are available at <https://www.saa.org/annual-meeting/programs/abstract> and via the Annual Meeting Mobile App.

ACCESSIBILITY REQUEST

Attendees can request accessibility accommodations when they register for the meeting. If attendees register for the meeting and forget to make a request or if an attendee has a new request, contact us by e-mail at meetings@saa.org.

ANNUAL BUSINESS MEETING AND AWARDS PRESENTATION

The Society's Annual Business Meeting and Awards Presentation will be held at 5:00 p.m. on Friday in Ballroom 204 (OCC). All meeting attendees are welcome.

ANNUAL MEETING APP

The Meeting App allows you to find your sessions with pinpoint location mapping and locate meeting information at your fingertips. The scheduler tool will help you plan your trip, and notifications will keep you up-to-date with the latest information. To access and download the app, go to <https://www.saa.org/annual-meeting/meeting-app>.

ANTI-HARASSMENT POLICY

The SAA is dedicated to providing a harassment-free meeting experience for everyone, regardless of sex, gender, identity and expression, sexual orientation, disability, physical appearance, ethnicity, religion, or age. SAA meeting participants involved in SAA activities and events are expected to conform to the Meeting Safety Policy and to the SAA Principles of Archaeological Ethics. To help clarify the advance reporting process and other aspects of the Meeting Safety Policy, we hope you will use the FAQ.

BADGE USE

Badge use is mandatory due to meeting logistics. Attendees are asked to display their badges to attend meeting events. Badge checkers will be monitoring access to all SAA meeting space. Thank you in advance for your cooperation.

CONCESSIONS

Snacks, sandwiches, and soft drinks will be available for purchase in Exhibit Hall A (OCC).

Food trucks will be available in front of the convention center; check the Annual Meeting App for more details.

COVID AND SAFETY PRECAUTIONS

Because information is rapidly changing, we encourage all meeting attendees to review the information at <https://www.saa.org/>

annual-meeting/meeting-policies/covid-policy. SAA staff will update this web page with the most current details. Complimentary individually wrapped masks are available at the SAA booth in the Exhibit Hall and the SAA registration desk.

CULTURAL RESOURCE MANAGEMENT CAREER (CRM) EXPO

Sponsored by the American Cultural Resources Association (ACRA) and the SAA, the CRM Expo will be held on Saturday, April 1, from 12:00 p.m. to 3:00 p.m. in Exhibit Hall A (OCC). Representatives from CRM firms and programs will be available to chat informally and individually with expo attendees about their organizations, career paths available, etc. A complete list of expo exhibitors is provided on page 251.

DAILY DIGEST

Staff will prepare a daily email update that will be sent to meeting registrants with the information that was formerly in the on-site update (Wi-Fi details, last-minute program changes, special events occurring that day, etc.).

EMERGENCY INFORMATION CARD

An Emergency Information Card is included on your badge and ticket sheet. Please fill out this card completely and tuck it behind your badge in your badge holder so that should this information be required, it will be readily accessible. Thank you.

EQUITY SUMMIT (Open to any SAA Committee and Task Force members)

Over the last few years, it has become apparent that many SAA Task Forces, Interest Groups, and Committees are working on projects focused on DEI initiatives. This panel will be an opportunity for representatives from committees to present and discuss their various programs in order to facilitate collaboration across subgroups.

EXCURSIONS

All excursions required advance registration and are listed here:

Wednesday, March 29:

9:00 a.m.–3:00 p.m.

* Willamette Valley Archaeology and the Chachalu Museum and Cultural Center at Grand Ronde

Thursday, March 30:

8:00 a.m.–5:00 p.m.

* Tribes, Archaeology, and Resource Management in the Columbia River Gorge

Friday, March 31:

1:00 p.m. without lunch or

11:30 a.m. with lunch—4:00 p.m.

Portland Chinatown Tour

Saturday, April 1: 9:00 a.m.–12:00 p.m.

* Decolonizing Fort Vancouver

Saturday, April 1: 6:00 p.m.–9:00 p.m.

“Keep Portland Beered” Pub Crawl

Excursions marked with an asterisk

* will have bus transportation.

All excursions will meet in the Holladay Lobby. Please arrive 15 minutes before departure time to check in. The bus or tour will be leaving promptly at the time listed on the program and tickets. Please bring your signed waiver in order to participate.

EXHIBITS

The SAA Annual Meeting Exhibit Hall, in Exhibit Hall A (OCC), provides an exciting array of products and services for you to review—you'll find technology, field equipment, publications, archaeological services, and more! All the tools and information you are looking for will be on display Thursday, March 30, 9:00 a.m.–6:00 p.m.; Friday, March 31, 9:00 a.m.–5:00 p.m.; and Saturday, April 1, 9:00 a.m.–3:00 p.m. Stop by the SAA's booth (407) and check out our lounge.

FIRST AID

We will have EMTs on-site during session hours. First aid is located in the pre-function A Lobby in the OCC. EMTs may be contacted by picking up any house phone in the OCC and dialing 7575.

GENDER-INCLUSIVE RESTROOMS

The OCC has three gender-inclusive restrooms. One is located near A101 on Level 1, and two are located on Level 2, one by Ballroom 204 and one by Ballroom 201. There are also two gender-inclusive restrooms at the Hyatt, one each on level 1 and level 2.

HUMAN REMAINS

The SAA recognizes that images of human remains have the potential to be offensive and unsettling to some members of our community and those communities with whom we work. We ask that presenters please disclose at the beginning of their presentations such images in an effort to create a more respectful environment for all.

IMMEDIATE FAMILY MEMBER PASSES (FORMERLY KNOWN AS GUEST BADGES)

The SAA is supporting Immediate Family Member Passes for **immediate family members who are non-archaeologists** and who need access to the meeting venue as guests of a registered meeting attendee. Immediate Family Member Pass holders are not “meeting attendees.” Immediate Family Member Pass badges will be available both through the advance and on-site registration processes. It is strongly encouraged that registrations be completed before March 1, 2023. Whether the Immediate Family Member Pass is purchased through advance registration or during on-site registration, guests will need to check-in at the OCC with their main registrants and show photo ID and proof of vaccination. If an Immediate Family Member Pass has been purchased with an advance registration, you will save time and hassle if you upload proof of vaccination through 42chat, the third-party vendor. Accompanied children 12 years of age or

under are not required to display a guest badge, but all children over 6 months will be required to show proof of vaccination. Unaccompanied children may not attend the annual meeting.

INTEREST GROUP FAIR

Organizers and representatives from Interest Groups will staff tables in the Exhibit Hall from 4:00 p.m. to 6:00 p.m. on Thursday, March 30, during Posters After Hours, to meet with members and share information about their groups. This will be a great opportunity to learn more about archaeology and meet with your colleagues!

LOST AND FOUND

Sometimes you just forget where you set your phone, or you leave your coat on the back of a chair. Lost and found items are tagged, cataloged, and stored for 30 days. After that, unclaimed items are donated.

If you've lost something, call the OCC Welcome Concierge at 503-731-7800 or email a detailed description to GuestExperience@oregoncc.org. If you've found an item, it can be turned in to any staff member or at the OCC Welcome Desk located in the MLK Jr. Lobby.

Please provide a detailed description of the item you lost. If you happen to have a photo of your missing item, it will help us identify it.

MEETING SAFETY VOLUNTEERS

It is our ultimate goal to create a safe and inclusive space for

attendees at the 2023 annual meeting in Portland. Following the recommendations of the Task Force on Sexual and Anti-Harassment Policies and Procedures, the SAA Board created the Committee on Meeting Safety in October 2019. As part of its work, the Committee on Meeting Safety will provide a Safety Volunteer Program at the Portland meeting. Further information about services provided and contact methods will be made available on the SAA's website (<https://www.saa.org/annualmeeting/safety-committee>) and in the Daily Digest, and we will use the hashtag #SAAsafe on social media. The Committee on Meeting Safety can be contacted at saasafemeeting@gmail.com.

MENTORING

We offer the following opportunities for mentoring:

- Thursday: 4:00 p.m.–5:00 p.m.: Student Diversity Networking Program coffee and conversation in Willamette 7 (H)
- Thursday: 5:30 p.m.–7:00 p.m.: Women's Networking Reception in Deschutes C (H)

NEW MEMBER AND FIRST-TIME ATTENDEE MEETING ORIENTATION

Come and get the scoop on how to navigate the annual meeting from 5:30 p.m. to 6:00 p.m. on Wednesday in Willamette 9 (H)—what not to miss and how not to miss it. Ask questions and then join us for the Opening Session / President's Forum kickoff. We would like to welcome

you to Portland at this brief but info-packed session! See you there!

OFFICE

The office is located in the Holladay Suites, level 2 at the OCC. Office hours are Wednesday, 2:00 p.m.–8:00 p.m.; Thursday, 7:00 a.m.–5:00 p.m.; Friday, 7:00 a.m.–4:00 p.m.; Saturday, 7:00 a.m.–4:00 p.m.; and Sunday, 7:00 a.m. to 8:00 a.m.

Please note that SAA staff will not be available on Monday or Tuesday to distribute advance registration materials.

OMBUDS

For the 2023 annual meeting, the SAA has chosen an ombuds to serve as an informal, independent, neutral, and confidential resource for meeting attendees. The ombuds can assist meeting attendees with determining options to address issues such as harassment, free speech, academic integrity, conflicts of interest, safety, diversity, or any other concern related to the SAA annual meeting. The ombuds will be available for face-to-face meetings in Room C127 of the OCC. For more information on the ombuds, please visit page 11.

You can contact the ombuds using the following information:

Email: saaombuds@gmail.com

Phone: (949) 293-7515

OPENING SESSION / PRESIDENT'S FORUM

The Opening Session / President's Forum, "Climate Change and the Transformation of Archaeological Practice," will be held on Wednesday,

March 29, in Ballroom 201 (OCC) at 6:30 p.m..

POSTERS AFTER HOURS

The SAA will host the Posters After Hours session on Thursday, March 30, from 4:00 p.m. to 6:00 p.m. in Exhibit Hall A (OCC). This session will feature 100 posters. With a relaxed atmosphere and a cash bar, this session serves as the perfect venue to connect with colleagues and discuss current research.

POSTER SESSIONS

Poster sessions will be conducted in Exhibit Hall A (OCC) on Thursday, Friday, and Saturday. Each poster session runs for two hours and contains a wide array of research. Authors and space assignments are listed in this program and the Meeting App. Please check this program or app for the schedule.

PRONOUNS

Attendee badges will include pronouns. If you did not add pronouns to your member record and would like these printed on your badge, please visit the on-site registration desk.

QUIET ROOM

There will be a quiet room available in C128 of the OCC from 8:00 a.m. to 6:00 p.m. Thursday through Saturday. Feel free to use this room to prepare for your presentation, read in-between sessions, or enjoy a few minutes of quiet during the meeting. The quiet room is intended to be a space away from the noise of the annual meeting. Please do not

use your cell phone or have loud conversations in this space.

REGISTRATION

From Wednesday to Saturday, registration is located at the Exhibit Hall B (OCC). Registration hours: Wednesday, 2:00 p.m.–8:00 p.m.; Thursday, 7:00 a.m.–5:00 p.m.; Friday, 7:00 a.m.–4:00 p.m.; Saturday, 7:00 a.m.–4:00 p.m. Sunday registration is in the staff office in the Holladay Suites, 7:00 a.m.–8:00 a.m. Individuals who registered by March 1, 2023, can pick up their registration materials at the Advance Registration counters. Individuals who have not registered in advance should report to the On-Site Registration desk. On-site registrants are required to present photo identification and proof of vaccination in order to pick up registration materials.

A badge is required for admission to meeting sessions, workshops, excursions, and exhibits. A \$5 fee will be charged to replace a badge.

RIBBONS

Ribbons are located at registration (Exhibit Hall B [OCC]) and the SAA Booth (Exhibit Hall A booth 407 [OCC]).

SESSION CHAIRS

Please maintain the established schedule in fairness to persons planning to attend specific presentations; please pause for the period allotted in the program if a scheduled speaker fails to appear; you can review the Daily Digest for any late withdrawals in your session. **It is very important that all session**

chairs end sessions at their scheduled times. Rooms are reused for multiple sessions.

Please make sure pointers and other materials provided by AV or the SAA remain in designated session room.

SILENT AUCTION

Visit the Native American Scholarships (NAS) Silent Auction Booth 627 in Exhibit Hall A (OCC) and support the Arthur C. Parker Scholarship. The bidding ends Friday at 4:30 p.m. Alternately, the NAS booth is offering the option to forgo the bidding and buy the item at the suggested “Buy It Now!” price.

SMOKING AND STRONG SCENTS

Smoking is prohibited. Given the number of attendees expected in Portland, the SAA requests participants be aware of the effects of strong synthetic fragrances or chemicals. If possible, please refrain from using perfume, cologne, or other heavily scented products when attending conference events to help make these proceedings accessible to all participants, including those for whom these products pose health risks.

SOCIAL MEDIA

Continue the discussions online using the hashtag #SAA2023Portland.

SPEAKER READY ROOM

For presenters who wish to check a presentation, an LCD projector and screen will be available in the

Speaker Ready Room in Holladay Suite 2 (OCC). The Speaker Ready Room will be open on Wednesday from 2:00 p.m. to 8:00 p.m., on Thursday from 7:00 a.m. to 5:00 p.m., and on Friday and Saturday from 7:00 a.m. to 6:00 p.m.

STUDENT WELCOME RECEPTION—ALL STUDENT ATTENDEES

All student attendees are invited to attend a reception hosted by the SAA's Board of Directors and the SAA's publishing partner, Cambridge University Press, in cooperation with the SAA Student Affairs Committee. From 9:00 p.m. to 10:30 p.m. on March 29 in Deschutes Ballroom B (H), meet SAA leadership, network with colleagues, and learn more about the SAA. Enjoy some food, friends, and more. Don't forget to preregister for this free event!

SUSTAINABILITY

Help us make an impact during the annual meeting. The OCC is LEED Platinum certified, and we ask attendees to help us reduce waste. During the meeting we will be using materials that can be reused (for example, signage) and all unconsumed food will be composted. We ask that attendees help us in the following ways:

- Attendees are asked to recycle when possible. The OCC has recycling bins throughout the convention center to help us recycle and reduce waste.
- Reuse a water bottle! The OCC has water bottle filling stations throughout the

convention center. Attendees are encouraged to bring their own reusable water bottles to reduce waste.

- Attendees can opt to use the annual meeting app instead of taking a print program.
- Attendees who use the program during the meeting and do not wish to take it home can drop it off at the SAA booth to be reused or recycled.
- Attendees are asked to recycle their badge in the bins near the Exhibit Hall.

WOMEN'S NETWORKING RECEPTION

The Women in Archaeology Interest Group (WAIG) and the Committee on the Status of Women in Archaeology (COSWA) invite you to attend their annual Women's Networking Reception. Come meet the COSWA board and mingle with fellow students and colleagues! The reception will be held on Thursday from 5:30 p.m. to 7:00 p.m. in Deschutes Ballroom C (H); the WAIG Business Meeting will follow from 7:00 p.m. to 7:30 p.m. in Deschutes Ballroom C (H).

WI-FI

Attendees will have access to Wi-Fi while they are in the meeting space at the OCC. **We advise participants to make sure that their presentations are accessible off-line.** The Wi-Fi connection can be unreliable and will not be strong enough to stream videos or run a session or a presentation.

Featured Sessions

Opening Session / President's

Forum: Climate Change and the Transformation of the Archaeological Practice

(Featuring a Welcome from the Confederated Tribes of Grand Ronde)

Moderators: Carole Nash and Heather Wholey

Participants: Tim Kohler, Karen Brunso, Desiree Martinez, David Anderson, Alvaro Montenegro, William Belcher, and Kimberly Wooten

Date: Wednesday, March 29

Time: 6:30 p.m.–8:30 p.m.

Location: Ballroom 201 (OCC)

Abstract: Cultural heritage resources and the community values and scientific information they represent are being damaged or destroyed by the many impacts of climate change. Climate change threatens environments, economies, and communities, and the critical linkages to intangible cultural heritage, such as sense of place, identity, and history. The practice of archaeology is transforming in response to this reality, reframing work environments, methods, and partnerships. This forum explores (1) how archaeologists are developing new methods, including fieldwork adaptation, worker safety, mitigation strategies, curation, and digital preservation; (2) collaborative relationships with descendant and local communities that document, preserve, or mitigate against the loss of cultural heritage to support the transmission of cultural knowledge, tradition, and sovereignty; and

(3) necessary political, financial, and industry support for the conditions that climate change poses.

Back to the Future: The National Historic Preservation Act and the SAA/NPS Airlie House

Seminars Revisited Parts I & 2

Moderator: John Douglass

Participants: Karen Brunso, Dan Sandweiss, John Welch, Allyson Brooks, Josh Torres, Kimberly Redman, and William White

Date: Thursday, March 30

Times: 8:00 a.m.–10:00 a.m. / 10:15 a.m.–12:15 p.m.

Location: Ballroom 202 (OCC)

Abstract: The NHPA of 1966 set the course for archaeology in the United States. The SAA and National Park Service's 1977 *The Management of Archaeological Resources: The Airlie House Report* brought cultural resource management to the forefront and continues to do so. However, as we enter the third decade of the twenty-first century, archaeology is facing new challenges not foreseen in the Airlie House report. In recent years, the profession has changed, guided by technological innovations and social issues such as climate change, environmental justice, the rights of Indigenous and descendant communities, and Traditional Ecological Knowledge. These changes and innovations are affecting how archaeology is practiced today. Furthermore, necessary changes to professional training and a projected shortfall in workforce capacity pose additional challenges. We have urgent

work to do to ensure that the federal archaeology program and the discipline reflect and are responsive to these changes. This forum seeks to engage in open dialogue on major topics affecting our profession in the coming decades.

Faking It and Making It: Engaging with Pop Culture Threats to Archaeology

Moderators: John Hoopes and Flint Dibble

Participants: David S. Anderson, Kenneth Feder, Nicholas Grabill, Chelsea Rose, Marijke Stoll, Kurlay Tlapoyawa, Anna Goldfield, William Farley, and Daniel Fallu

Date: Thursday, March 30

Time: 1:00 p.m.–3:00 p.m.

Location: Ballroom 203 (OCC)

Abstract: With the popularity of TV series such as *Ancient Aliens* and *Ancient Apocalypse* and websites and discussion groups such as Ancient Origins, pseudoarchaeology has an ongoing influence on the world. Whether directly or indirectly, it affects our reputations, employment, salaries, teaching, research, and public engagement. Its effects have intensified with general anti-science and conspiracy-theory rhetoric, dangerously reinforcing racism, nationalist extremism, and white supremacy. Pseudoarchaeology proliferates in blogs, social media, podcasts, online videos, and documentary films, but these are also significant public forums. Ongoing interaction through classroom teaching and academic publications and outreach in the context of nonacademic employment are not enough. While

archaeologists are well-positioned to address popular misconceptions, it is essential to understand how to weather the hassles, risks, and dangers of malicious actors. This forum brings together a range of experienced archaeologists from a variety of backgrounds to discuss hazards, resources, and strategies for effective engagement with the public.

Revision to the SAA's Principles of Archaeological Ethics: Membership Input

Sponsored by the SAA Board

Moderator: Jeffrey Altschul

Participants: Sandra Lopez Varela, Arlen Chase, Katherine Chiou, Angela Neller, Daniel Perez, and Claire Smith

Date: Friday, March 31

Time: 8:00 a.m.–10:00 a.m.

Location: Ballroom 201 (OCC)

Abstract: This forum is designed to solicit comments from the membership, including international members, on a draft revision of SAA's Principles of Archaeological Ethics. The draft revision was emailed to all members prior to the annual meeting, and copies will be available at the forum. Comments received at the forum as well as those received by the SAA will be considered to craft the final version of the draft principles to be submitted for approval to the SAA Board of Directors. The effort to revise the ethical principles began in 2018 and has involved the work of three successive task forces. This draft represents the first major revision to the principles since they were adopted in 1996.

MEETING SERVICES: HOURS OF OPERATION

	Wednesday	Thursday	Friday	Saturday	Sunday
Registration	2:00 p.m.– 8:00 p.m.	7:00 a.m.– 5:00 p.m.	7:00 a.m.– 4:00 p.m.	7:00 a.m.– 4:00 p.m.	7:00 a.m.– 8:00 a.m.
	<i>Exhibit Hall B (OCC)</i>	<i>Exhibit Hall B (OCC)</i>	<i>Exhibit Hall B (OCC)</i>	<i>Exhibit Hall B (OCC)</i>	<i>Holladay Suite (OCC)</i>
Speaker Ready Room	2:00 p.m.– 8:00 p.m.	7:00 a.m.– 5:00 p.m.	7:00 a.m.– 6:00 p.m.	7:00 a.m.– 6:00 p.m.	
	<i>Holladay Suite 2, level 2 (OCC)</i>	<i>Holladay Suite 2, level 2 (OCC)</i>	<i>Holladay Suite 2, level 2 (OCC)</i>	<i>Holladay Suite 2, level 2 (OCC)</i>	
Ombuds Available <i>(please note that office will be closed for 30 min- utes for lunch)</i>	2:00 p.m.– 10:00 p.m.	8:00 a.m.– 6:00 p.m.	8:00 a.m.– 6:30 p.m.	8:00 a.m.– 5:00 p.m.	8:00 a.m.– 12:00 p.m.
	<i>C127 (OCC)</i>	<i>C127 (OCC)</i>	<i>C127 (OCC)</i>	<i>C127 (OCC)</i>	<i>C127 (OCC)</i>
Exhibit Hall		9:00 a.m.– 6:00 p.m.	9:00 a.m.– 5:00 p.m.	9:00 a.m.– 3:00 p.m.	
		<i>Exhibit Hall A (OCC)</i>	<i>Exhibit Hall A (OCC)</i>	<i>Exhibit Hall A (OCC)</i>	
Events in the Exhibit Hall		Interest Group Fair & Posters After Hours 4:00 p.m.– 6:00 p.m.		CRM Expo 12:00 p.m.– 3:00 p.m.	

Request a Meeting Safety Volunteer / Pide ayuda a una persona voluntaria durante el congreso

E-mail: saasafemeeting@gmail.com

<https://www.saa.org/safe>



Information on Session Formats

The sessions that make up the bulk of the program fall within seven categories:

General Session—Consists of posters and contributed papers (15 minutes), each submitted individually by its author(s). Presentations are grouped together by the program chair around a particular theme, usually geographic or methodological. Session chairs are designated by the Program Committee chair.

Symposium—A group of 15-minute presentations on a well-defined theme submitted together by a chair. Also includes poster presentations submitted as a group and organized around a single theme.

Poster Session—Consists of a group of posters. Posters are especially encouraged and are particularly effective for presentations communicating quantitative data. All poster sessions are two hours in duration.

Electronic Symposium—A discussion format in which the organizer posts the papers on the web at least one month before the meeting. No papers are read at electronic symposium as it is assumed that attendees will have read the material beforehand. Generally a few minutes' summary of the papers is the introduction to the two-hour discussion session.

Forum—An interactive format organized around a tightly focused theme. Formal presentations are kept to a minimum to encourage discussion between presenters and audience. Forums are two hours.

Debate—A format designed to encourage debate and discussion of current issues. A debate consists of a moderator and discussants representing at least two different perspectives. No papers are listed with the session. Debate sessions may have no fewer than four discussants and no more than six discussants. Debates are two hours long.

Lightning Round—Analogous to a forum format (there will be a moderator, perhaps a co-moderator, and discussants). Each lightning round will be organized around a topic or an area. The second hour will be for discussion in groups with individual presenters or discussion with the group as a whole. Each lightning round will be two hours long with the first hour consisting of three-minute presentations (with three slides maximum; 10–15 discussants).

Any of these sessions are open to all registered attendees. Sessions may be “sponsored” and/or “invited.” The designation “sponsored” indicates the support of an SAA committee or interest group, or an organization outside the SAA. The designation “invited” reflects a special status and role within the meeting, as defined by the Program Committee chair.

All sponsored and invited sessions are subject to review by the Program Committee, as are all other submissions, and are subject to the three-role rule. Because numerous groups wish to sponsor sessions, the Program Committee must balance such requests with other program goals; as a result, in some circumstances, requests for sponsored sessions may be rejected. The only exceptions to the review process and three-role rule are the opening and plenary sessions.

Meeting Room Locations

Meeting events will be in both the Oregon Convention Center and the Hyatt Regency Portland, but note that **all symposia, general sessions, poster sessions, forums, and lightning rounds are being held in the Oregon Convention Center.**

Join Us at Posters After Hours!

This poster session will feature 100 posters. With a relaxed atmosphere and a cash bar, this session serves as the perfect venue to connect with colleagues and discuss current research. Posters After Hours will take place in Exhibit Hall A (OCC) on Thursday, March 30, 4:00 p.m.–6:00 p.m.!

First-Ever Interest Group Fair!

Organizers and representatives from your favorite interest groups will staff tables in Exhibit Hall A (OCC) from 4:00 p.m. to 6:00 p.m., during Posters After Hours, to meet with members and share information about their interest groups. This will be a great opportunity to learn more about archaeology and meet with your colleagues!

Wednesday ■ March 29, 2023

SAA BOARD MEETING

Room: Willamette 4, Hyatt Regency

Time: 9:00 a.m.–5:00 p.m.

FIRST-TIME ATTENDEES MEETING ORIENTATION

Room: Willamette 9, Hyatt Regency

Time: 5:30 p.m.–6:00 p.m.

[1] OPENING SESSION

**FORUM ■ CLIMATE CHANGE AND THE TRANSFORMATION OF
ARCHAEOLOGICAL PRACTICE**

(President's Forum)

Room: Ballroom 201

Time: 6:30 p.m.–8:30 p.m.

Moderators: Carole Nash and Heather Wholey

Participants:

Carole Nash—Discussant

Heather Wholey—Discussant

David G. Anderson—Discussant

Desiree Martinez—Discussant

Alvaro Montenegro—Discussant

William Belcher—Discussant

Kimberly Wooten—Discussant

Karen Brunso—Discussant

Tim Kohler—Discussant

STUDENT WELCOME RECEPTION

Room: Deschutes B, Hyatt Regency

Time: 9:00 p.m.–10:00 p.m.

Thursday Morning ■ March 30, 2023

**BOARD OF DIRECTORS AND INTEREST GROUP ORGANIZER BREAKFAST
(BY INVITATION ONLY)**

Room: Deschutes B, Hyatt Regency

Time: 7:00 a.m.–8:00 a.m.

ETHICS BOWL PRELIMINARY ROUNDS (ROUND 1)

Room: Willamette 6, Hyatt Regency

Time: 7:00 a.m.–12:00 p.m.

ETHICS BOWL PRELIMINARY ROUNDS (ROUND 2)

Room: Willamette 7, Hyatt Regency

Time: 7:00 a.m.–12:00 p.m.

**[2] SYMPOSIUM ■ RECENT ADVANCES IN MATERIAL SOURCING AND
PROVENIENCE STUDIES IN AFRICA**

(Sponsored by the Society of Africanist Archaeologists)

Room: C123

Time: 8:00 a.m.–9:00 a.m.

Chair: Benjamin Smith

Participants:

- 8:00 Sydney James, Husna Mashaka, Sarah Mollel, Julius Ogutu and Kathryn Ranhorn—GIS-Based Approaches to Obsidian Studies in Eastern Africa
- 8:15 Benjamin Smith, Lucas Johnson and Steven Brandt—Imports and Outcrops: Characterizing the Baantu Obsidian Source and Artifacts from Mochena Borago Rockshelter, Wolaita, Ethiopia, Using Portable X-Ray Fluorescence
- 8:30 Brandi MacDonald, Elizabeth Velliky, Jorg Linstatder, Lisa Ehlers and Gregor Donatus Bader—Geochemical Insights on Earth Mineral Pigment Provisioning and Use in Stone Age Eswatini
- 8:45 Stanley Ambrose—Strontium Isoscape Biogeochemistry, Human Developmental Biology, and Residential Biography

**[3] SYMPOSIUM ■ ISOTOPE STUDIES IN THE OLD AND NEW WORLDS
PART I**

Room: A107

Time: 8:00 a.m.–9:15 a.m.

Chair: Gina Buckley

Participants:

- 8:00 Petr Kvetina, Sylva Drtikolova-Kaupova, Ivana Jarosova, Zdenek Tvrdy and Frantisek Trampota—Neolithic Dietary Practices: Comparison of Stable Isotopes and Dental Microwear
- 8:15 Gina Buckley, Sergio Gómez Chávez, Ruben Cabrera Castro, Fred

- Longstaffe and Spencer Seman—New Isotopic Research from the La Ventilla Neighborhood of Teotihuacan: Demography, Migration, and Diet of Two Socioeconomic Groups
- 8:30 Jessica Cardoso, Benjamin Fuller, Pauline Méjean, Andre Strauss and Klervia Jaouen—Using Traditional and Nontraditional Isotopic Tracers of Diet and Mobility of Brazilian Shell Mound Populations (ca. 8000–1000 years BP)
- 8:45 Chad Rankle, Hector Neff, Gina Buckley, Andrea Cucina and Virginie Renson—Evaluating Prehistoric Migration in Pacific Coastal Nicaragua through the Analysis of Strontium Isotope Ratios
- 9:00 Celeste Gagnon, Bethany Turner, Richard Sutter and Gabriel Prieto—The People of the Land and the People of the Sea: Tracing Residence and Relationships between Littoral and Chaupiyunga Populations in the Moche Valley during the Early Intermediate Period

[4] FORUM ■ BACK TO THE FUTURE: THE NATIONAL HISTORIC PRESERVATION ACT AND THE SAA/NPS AIRLIE HOUSE SEMINARS REVISITED PART I

(Sponsored by the SAA President)

Room: Ballroom 202

Time: 8:00 a.m.–10:00 a.m.

Moderator: John Douglass

Participants:

Karen Brunso—Discussant
 Dan Sandweiss—Discussant
 John Welch—Discussant
 Allyson Brooks—Discussant
 Josh Torres—Discussant
 Kimberly Redman—Discussant
 William White—Discussant

[5] FORUM ■ FACING CHALLENGES: ZOOARCHAEOLOGY IN A CHANGING WORLD

(Sponsored by the Zooarchaeology Interest Group)

Room: Ballroom 201

Time: 8:00 a.m.–10:00 a.m.

Moderators: Diana Carvajal Contreras, Susan Monge and María Martínez-Polanco

Participants:

Amelia Sánchez Mosquera—Discussant
 Alejandro Figueroa—Discussant
 Maria Gutierrez—Discussant
 Alice Diaz—Discussant
 Susan Monge—Discussant

José Capriles—Discussant
 María Martínez-Polanco—Discussant

[6] SYMPOSIUM ■ RECENT RESEARCH ON GLASS BEADS AND ORNAMENTS IN NORTH AMERICA

Room: B112

Time: 8:00 a.m.–10:00 a.m.

Chair: Alison Carter

Participants:

- 8:00 Alicia Hawkins and Heather Walder—Investigating Sixteenth- and Seventeenth-Century Wendat Local Interactions Using Glass Bead Chemistry
- 8:15 Sire Pro and Tom Tandberg—Comparisons and Connections between Nineteenth- and Twentieth-Century Glass Bead Assemblages in Paugvik, AK, and Beatty Curve, OR
- 8:30 Robert Cromwell, Christopher DeCorse and Douglas Wilson—The Trade Bead Assemblage from the Chinook Middle Village at the Station Camp Site: Western Terminus of the Lewis and Clark Expedition, Pacific County, Washington
- 8:45 Michele Hoferitza—Compositional Analysis of Prosser Molded Beads Found in Southeast Idaho
- 9:00 Kaitlin LaGrasta—Horizons of Color, Shape, and Size: A Stratigraphic Analysis of Glass Beads in Fur Trade-Era Onöndowa'ga: (Seneca) Towns
- 9:15 Matthew LoBiondo—Why These Beads? Color Symbolism and Colonialism in the Mohawk Valley
- 9:30 Steve Filoromo, Paul Jackson and Kenny Pearce—Personal Practice: Adornment and Personal Goods from the St. Amelia Plantation (165J80), St. James Parish, Louisiana
- 9:45 Questions and Answers

[7] SYMPOSIUM ■ THE ARCHAEOLOGIES OF INDUSTRY

Room: Ballroom 203

Time: 8:00 a.m.–10:00 a.m.

Chair: Erin Schwartz

Participants:

- 8:00 Chelsea Rose and Tiah Edmunson-Morton—We Can Brew It! Rethinking the Demographics of Early Oregon Breweries
- 8:15 F. Scott Worman and Elizabeth Sobel—Factories, Families, and Farms: Placing the Phenix Town Site in Context
- 8:30 Kristina McDonough—The Economies of Twentieth-Century Blacksmith Shops in Idaho
- 8:45 Hunter Crosby—The Tree Army in the Desert: Documenting Civilian Conservation Corps Sites in Petrified Forest National Park

- 9:00 Hannah Russell—On Our Honor: Exploring Washington State's Historical Use of Honor Camps in the Yacolt State Forest
- 9:15 Carl Drexler—Caddo and Settler Salt Production at the Holman Springs Site (3SV29), Sevier County, Arkansas
- 9:30 Matthew Diederich—Hold My Beer! Archaeological Evidence of Alcohol Consumption at the Former Umatilla Chemical Weapons Depot
- 9:45 Erin Schwartz—Before and After (and After): Alteration, Abandonment, and Reuse of Industrial Plantation Housing

[8] SYMPOSIUM ■ ARCHAOMETRY AND COMPOSITIONAL ANALYSIS STUDIES PART I

Room: B117

Time: 8:00 a.m.—10:00 a.m.

Chair: John Samuelsen

Participants:

- 8:00 Randy Haas, Eric Dillingham, Debbie Lundy, Nicholas Tripcevich and Mikayla Rosario—The Strength of Deep Ties: Obsidian Provenance Suggests Long-Distance Cooperation over Six Millennia in Numu Territory
- 8:15 Mario Zimmermann and Shannon Tushingam—A Review of the Archaeological Evidence for Smoking across the Americas and Africa
- 8:30 John Samuelsen, Elizabeth Horton and Adriana Potra—Testing the Geographical Sourcing of Rivercane Using Pb/Sr Isotopes and Trace Elements in Arkansas and Oklahoma
- 8:45 Jonah Augustine and Brandi MacDonald—XRF and Raman Spectroscopic Analysis of Pigments Used in Middle Horizon Polychrome Ceramics from Cochabamba, Bolivia
- 9:00 Zuzana Chovanec—Archaeology and Organic Residue Analysis: Formulations, Considerations, and Interpretations in Researching Psychoactive Substances
- 9:15 John Dudgeon, Charles Speer, Beau Craner and Rebecca Hazard—Thermal Analysis as a Means to Understand Prehistoric Heat Treatment and Performance Differences in Toolstone
- 9:30 Judith Trujillo—Archaeometric Studies of Rock Paintings in Colombia, South America: Geochemical and Mineralogical Characterization
- 9:45 Lane Fargher and Ricardo Antorcha-Pedemonte—An Archaeo-geochemical Perspective on Ancient Maya Land Use and Climate Change: The Case of Lagunas de Yalahau, Yucatan, Mexico

[9] SYMPOSIUM ■ RITUALS AND BELIEFS: INTERPRETATIONS OF IDEOLOGY THROUGH MATERIAL CULTURE

Room: A108 & A109

Time: 8:00 a.m.—10:15 a.m.

Chair: Kalei Oliver

Participants:

- 8:00 Nathan Lawres and Matthew Sanger—A Glaring Absence: The Need for Native Philosophy in Ontological Archaeologies
- 8:15 Alberto Ortiz Brito, Arlina Morales Guillen and Daira Hernandez Bellido—Contesting Social Memory in Tres Zapotes and Its Hinterland during the Epi-Olmec Period: Preliminary Results of the Proyecto Arqueologico NESTEPE-RANCHO COBATA
- 8:30 Kaitlin Ahern—Caches, Memory, and Ritual at the Maya City of Cival
- 8:45 Madeleine Fyles—More than Kindling: Algarrobo Posts and Social Memory on the Peruvian North Coast
- 9:00 Cherra Wyllie—Pieces of Bone and Pieces of Clay: Tableaus and Caches in Classic Period South-Central Veracruz
- 9:15 Kalei Oliver and Rebecca Bria—Hilltops and Libations: A New Pattern of Recuay Ritual Space and Practice in the Northern Callejon de Huaylas Valley, Peru
- 9:30 Oscar Arias Espinoza—Renovar para construir: La renovación del templo en Chavín de Huántar durante el Periodo Formativo (1100–450 aC)
- 9:45 Kim Ruf—Expressions of Ideology and the Consolidation of Social Complexity through Jade and Jadeite Material Culture in Precolumbian Costa Rica
- 10:00 George Micheletti—Analyzing Periphery Ritual Practice through Time to Identify Intra-polity Relationships at the Ancient Maya Center of Pacbitun

[10] SYMPOSIUM ■ ADAPTATION, NEGOTIATION, AND POWER: RECENT STUDIES IN CONTACT AND COLONIALISM PART I

Room: B118 & B119

Time: 8:00 a.m.–10:30 a.m.

Chair: Kofi Nutor

Participants:

- 8:00 Sahar Monrreal—Images of Race in the Colonies: The Material Culture of Food, Foodways, and Early Twentieth-Century American Imperialism
- 8:15 Daniel Pullen—Taking the Palace out of Palatial Control
- 8:30 Douglas Ross and Bridget Wall—Combating the Ongoing Erasure of Native Americans from Late Nineteenth- and Twentieth-Century Archaeological Landscapes
- 8:45 Ellen Hsieh—The Religious Network in the Early Spanish Colonialism in Asia: A Comparative Study of Seventeenth-Century Church Sites in Archaeological Contexts
- 9:00 Ana Navas-Méndez, Daniel Pierce, Mary Ownby, Brandi MacDonald and Michael Glascock—Communities of Practice and Panamanian Majolica Production
- 9:15 Valda Black and Danielle Kurin—Bioarchaeology of Imperial Relations: Chanka and Inca Interactions at Sondor
- 9:30 Kofi Nutor—The Landscapes, Memories, and Identities of Atlantic Slavery at Peki, Ghana

- 9:45 Kirstine Møller—Colonial Households and Homes: Changes in Kalaallit Architecture, 1750–1900
- 10:00 Kaitlin Brown, Brian Barbier and Gina Mosqueda-Lucas—The Reorganization of Shell Bead Production in California during the Historic Period
- 10:15 Kelton Sheridan—Examining Indigenous Persistence and Survivance: Historical Archaeology at Mission Espada

[11] SYMPOSIUM ■ THE MOVEMENT OF PEOPLE AND IDEAS IN EASTERN MESOAMERICA DURING THE NINTH AND TENTH CENTURIES CE: A MULTIDISCIPLINARY APPROACH PART I

Room: B116

Time: 8:00 a.m.–11:00 a.m.

Chair: Vera Tiesler

Participants:

- 8:00 Stephen Houston—Foreign Intimacies: Terminal Classic Shells, Novel Identities, and Gathered Elites
- 8:15 Yasmine Flynn-Arajdal, Christina Halperin, Carolyn Freiwald, Katherine Miller Wolf and Miriam Salas—Embodied Identities and Moving Bodies: The Archaeology and Bioarchaeology of Ninth-Century Cultural Contacts from the Perspective of K'anwitznal (Ucanal), Guatemala
- 8:30 Jaroslav Zralka—Dynamics of Growth and Transformation during the Terminal Classic: An Archaeological View from Nakum, Petén, Guatemala
- 8:45 Mara Reyes, Lilian Corzo and Rocio Albarrán—Entre montañas y ríos: La población del sureste de Petén tras el colapso maya (800 aC al 1000 dC)
- 9:00 Cristina Vidal-Lorenzo and Gaspar Muñoz Cosme—Cultural Transmission between the Southeastern Petén and Puuc Regions: The Frieze from La Blanca and the Origin of the Mosaic Technique
- 9:15 Simon Martin—After the Crisis: Epigraphic Data on Political and Cultural Developments in the Maya Lowlands 800–1000 CE
- 9:30 Andrew D. Turner—Molding a New Order: Ideological Transitions and Gulf Coast-Maya Lowland Interaction, AD 800–1000
- 9:45 Arturo Pascual Soto—Comercio y cultura en El Tajín de los primeros años del Epiclásico
- 10:00 Jaime Awe, Claire Ebert and Julie Hoggarth—Yucatec and Gulf Coast Influences in Terminal Classic Western Belize: Examining the Evidence and Processes for Change
- 10:15 Jim Aimers and Elizabeth Graham—Stylistic and Cultural Change at a Cosmopolitan Site: The Early Postclassic Period Pottery of Lamanai and Northern Belize
- 10:30 Eleanor Harrison-Buck—Materializing the Maya Collapse and Shifting Alliances during the Ninth and Tenth Centuries: Circular Shrines and Other “Mexicanized” Traits in Belize and Beyond
- 10:45 Questions and Answers

[12] SYMPOSIUM ■ POLITICAL ECONOMIES ON THE ANDEAN COAST**Room:** B115**Time:** 8:00 a.m.–11:00 a.m.**Chairs:** Jordan Dalton and Gabriela Cervantes Quequezana**Participants:**

- 8:00 Benjamin Carter—The Diverse Impacts of *Spondylus* along the Coast of South America
- 8:15 Florencio Delgado Espinoza—Exchange Competition in Coastal Ecuador during the Late Integration Period
- 8:30 Andrea González Lombardi—Local and Imperial Powers at the Huancabamba Depression: The Alto Piura Case
- 8:45 Izumi Shimada—Sicán Political Economy: Converting Regional Productivity to Interregional Prestige Economy and Religious Eminence
- 9:00 Gabriela Cervantes Quequezana—Political Economy in the Multicentric Sicán City, Peru
- 9:15 Luisa Diaz Arriola—Intercambio a larga distancia del area cultural Ychsma con la costa norte y el Ecuador entre los 900 y 1532 dC
- 9:30 Giancarlo Marccone—Lima Culture: Bridging Domestic and Political Economy
- 9:45 Rodrigo Areche Espinola—The Storage Systems in the South Coast Region: The Case of the Cañete Valley
- 10:00 Jordan Dalton—The Use of Balances in Late Andean Prehistory: Merchants or Bureaucrats?
- 10:15 Leonor Adán, Mauricio Uribe and Simón Urbina—Las sociedades prehispánicas de la costa de Tarapacá en el contexto del Colesuyu (950-1540 dC)
- 10:30 Frances Hayashida—Discussant
- 10:45 Kenneth Hirth—Discussant

[13] SYMPOSIUM ■ TECHNOLOGICAL TRANSITIONS IN PREHISPANIC AND COLONIAL METALLURGY: RECENT AND ONGOING RESEARCH AT THE ARCHAEOLOGICAL SITE OF JICALÁN VIEJO, IN CENTRAL MICHOACÁN, WEST MEXICO**Room:** B111**Time:** 8:00 a.m.–11:45 a.m.**Chairs:** Blanca Maldonado and Hans Roskamp**Participants:**

- 8:00 Blanca Maldonado—Discussant
- 8:15 Néstor Corona, Mario Retiz-García, Hans Roskamp and Blanca Maldonado—Damage on the Jicalán Viejo Complex by Land Use from 1970 to 2021: A Modern Mapping Assessment
- 8:30 Gerardo Cifuentes, Yosselin Angeles, Andres Tejero and Mario Retiz-García—Near-Surface Geophysics in Jicalán, Mexico

- 8:45 Berenice Pedroza, Luis Velázquez-Maldonado, Fernando May, Blanca Maldonado and David Larreina-García—Análisis morfológico y químico de escorias de cobre del sitio Jicalán Viejo, en el Occidente de México
- 9:00 Andres Francisco Sanchez Guerrero, Blanca Maldonado, David Larreina-García, Luis Velázquez-Maldonado and Fernando May—Archaeometallurgy and Productive Processes: Understanding Copper Smelting Production in the Prehispanic and Colonial Site of Jicalán, Michoacán, Mexico
- 9:15 Luis Velázquez-Maldonado, Berenice Pedroza, David Larreina-García, Mario Retiz-García and Blanca Maldonado—Acumulación de metales y procesos tecnológicos vinculados a las escorias presentes en el sitio arqueológico de Jicalán Viejo
- 9:30 David Larreina-García and Blanca Maldonado—Extracting Copper from Sulphidic Ores: The Jicalán Viejo Smelting Site
- 9:45 Jose May-Crespo, David Larreina-García, Blanca Maldonado, Luis Ramón Velázquez-Maldonado and Mario Retiz-García—Una perspectiva sobre el empleo del barro cocido en el beneficio del cobre: Caso de Jicalán Viejo, Michoacán
- 10:00 Diana Patricia Castro Montes and Blanca Maldonado—Traces of Prehispanic Primary Smelting in Present Traditional Copper Work from Santa Clara del Cobre, Mexico: Historical and Ethnographical Evidence
- 10:15 Gabriela Domínguez-Vázquez, Dulce María Bocanegra-Ramírez and Isabel Israde-Alcántara—The Effect of Prehispanic Metallurgy on the Environment of a Tropical Rain Forest in Jicalán, Michoacán, Mexico
- 10:30 Edith Ortiz-Díaz—Prehispanic and Colonial Technology Transition in Metallurgy Gold Work in Oaxaca: A Comparative Study
- 10:45 Johan García Zaldua—Spanish Empire Dynamics, Early Globalization, and Copper Production in Early Colonial Mexico (1522–1648)
- 11:00 Hans Roskamp—The Metallurgists from Jicalán in the Colonial Period: An Ethnohistorical Approach
- 11:15 Helen Pollard—Discussant
- 11:30 Questions and Answers

[14] SYMPOSIUM ■ ARCHAEOLOGICAL CONGRESS: MULTIVOCAL CONVERSATIONS FURTHERING THE WORLD ARCHAEOLOGICAL CONGRESS AGENDA

Room: Ballroom 204

Time: 8:00 a.m.–12:00 p.m.

Chairs: Claire Smith, K Pyburn and Dru McGill

Participants:

- 8:00 Paul Everill—Archaeology and Well-Being Delivered through Authentic and Meaningful Participation
- 8:15 Krysta Ryzewski, Tareq Ramadan and Aaron Sims—Civil Rights Heritage Preservation and the Malcolm X House: Archaeology in the Service of a Grassroots Movement

- 8:30 Christopher Matthews, Emma Gilheany, Megan Hicks and Eric Johnson—
Against the Alienability of Archaeology
- 8:45 Sandra Lopez Varela—Being an Expert Witness in Mexico's Heritage
Management Process: Requirements and Issues
- 9:00 Peter Biehl and Johannes Mueller—Climate Change and Archaeology
- 9:15 Martin Porr—Indigenous Archaeologies across the Global South:
Confronting World-Building and World-Destroying Capacities and
Realities
- 9:30 Ranjan Datta and William Marion—Decolonizing Archaeology: Learning
from Indigenous Land and Water Epistemology
- 9:45 Sara Gonzalez, Briece Edwards, Yoli Ngandali and Ian Kretzler—Doing
Archaeology in a Good Way: Reflections with and from Grand Ronde
- 10:00 Laura Kelvin and Lisa Rankin—The Individual and Collective Journeys of
Community-Based Archaeology Participants
- 10:15 Karin Larkin, Fawn-Amber Montoya and Robert Butero—Long-Term
Collaboration and Advocacy around the Ludlow Massacre
- 10:30 Claire Smith, Kellie Pollard, Anita Painter, Maria Ortiz and Andrew
Coe—Turnaround Archaeology: Reorienting Archaeology So Its Main
Purpose Is the Pursuit of Social Good
- 10:45 Suzie Thomas—Discussant
- 11:00 Peter Schmidt—Discussant
- 11:15 Margaret Conkey—Discussant
- 11:30 Dorothy Lippert—Discussant
- 11:45 Stephen Loring—Discussant

**[15] SYMPOSIUM ■ ARCHAEOLOGY OF ALASKA, THE GATEWAY TO THE
AMERICAS**

Room: A103 & A104

Time: 8:00 a.m.–12:00 p.m.

Chairs: Julie Esdale and Ian Buvit

Participants:

- 8:00 Jennifer Kielhofer, Jessica Tierney, Joshua Reuther, Ben Potter and
Charles Holmes—Adding to the Paleoenvironmental Framework for
Early Settlement of Interior Alaska: New Perspectives on Local Changes
in Vegetation and Hydrology from Plant Wax N-Alkanes
- 8:15 Charles Holmes, Ben Potter and Joshua Reuther—Assessment of the
Archaeological Record for the Tanana Valley, Alaska, and a New Cultural
Synthesis
- 8:30 Ben Potter, Carrin Halffman, Holly McKinney, Joshua Reuther and Bruce
Finney—Freshwater and Anadromous Fishing in Ice Age Beringia
- 8:45 Lauren Norman, Rolfe Mandel, Lauriane Bourgeon, Caroline Kisielinski
and Justin Holcomb—Bluefish Caves Revisited: Testing a Potential Pre-
Clovis Site in Eastern Beringia
- 9:00 Kelly Graf, Nathan Shelley, Julie Esdale and Ted Goebel—Site

- Stratigraphy and Radiocarbon Dating at the Shég' Xdaltth'í' Site in Central Alaska
- 9:15 Ted Goebel, Angela Gore, Jeffrey Rasic and Kelly Graf—Late Pleistocene Technological Organization at Shég' Xdaltth'í', Central Alaska
- 9:30 Brian Wygal, Kathryn Krasinski, Charles Holmes, Barbara Crass and Jessica Metcalfe—Archaeological Recovery of Late Pleistocene Hair and Environmental DNA from Interior Alaska
- 9:45 John White, Auréade Henry, Stephen Kuehn, Michael Loso and Jeffrey Rasic—Terminal Pleistocene Human Occupations in the North Pacific Basin of Alaska: Results and Implications of Test Excavation at Nataeł Na'
- 10:00 Kate Yeske, Thomas Allen, Robert Bowman and Holly McKinney—The Hess Creek Site and Implications for Livengood and Yukon River Archaeology
- 10:15 Julie Esdale, Ian Buvit, Lindsay Doyle and Whitney McLaren—Sixty Years of Research at the Donnelly Ridge Site
- 10:30 Ian Buvit and Julie Esdale—Technological Origins of the Denali Complex
- 10:45 François Lanoë, Joshua Reuther and Gerad Smith—The Porcupine Tail Site Complex and the Concentration of the Archaeological Record on Isolated Hills of Interior Alaska
- 11:00 Briana Doering—Discussant
- 11:15 Barbara Crass, Charles Holmes, Josh Reuther, Gerad Smith and François Lanoë—The Carpenter Quarry Site: A Unique Salvage Excavation Strategy
- 11:30 Hilary Hilmer and Dougless Skinner—Ethnoarchaeological Exploration of the Western Brooks Range, Alaska
- 11:45 Questions and Answers

[16] SYMPOSIUM ■ LIVING LANDSCAPES: DISASTER, MEMORY, AND CHANGE IN DYNAMIC ENVIRONMENTS

Room: C125 & C126

Time: 8:00 a.m.–12:00 p.m.

Chairs: Megan LeBlanc and Amanda Brock Morales

Participants:

- 8:00 Amanda Brock Morales—Memories of Disaster and Monumental Places in the Callejon de Huaylas, Peru
- 8:15 Megan LeBlanc—The Tacahuay Legacy: Landscape Modification and Reuse on the South Coast of Peru
- 8:30 Carla Klehm, V. Camille Westmont and Kaitlyn Davis—Remote Sensing and Dynamic, Unique Landscape Perspectives
- 8:45 Josefina Vasquez Pazmino—Mountaintops of Chilla, El Oro (Ecuador)
- 9:00 Kristina Douglass and Tanabelo Rasolondrainy—Social Memory and Sustainability in Dynamic Landscapes
- 9:15 Junko Habu—Jomon Landscape Practice and Ecological Resilience in Prehistoric Japan

- 9:30 Amy Cromartie and Sebastien Joannin—Entangled Biodiverse Landscapes: Human and Environmental Dynamics in the Mountain Steppes of Armenia
- 9:45 Mark Howe—Falcon Dam and the Archaeological Landscape Today
- 10:00 Sophia Perdikaris and Edith Gonzalez—Cultural Heritage Landscapes Post-disaster in Barbuda, Lesser Antilles
- 10:15 David Witt, Catherine Landis and Neil Patterson, Jr.—Management and Memory Work: How Site Management Practices Affect the (Re-)Presentation of Archaeological Landscapes in Western New York
- 10:30 Adam Birge—Ghosts and Cyborgs of Landscape Pasts, Presents, and Futures: A Case Study from Sajama, Bolivia
- 10:45 Jessica Christie—Kahalu’u and Keauhou on Hawai’i Island as Living, Dynamic Landscapes
- 11:00 Kellam Throgmorton—Changes in the Temporality of the Landscape during the Chacoan Period in the American Southwest
- 11:15 Isabel Rivera-Collazo—“Temporal, temporal, allá viene el temporal”: Memory, Disaster, and Change in Puerto Rico
- 11:30 Andrew Roddick—Discussant
- 11:45 Questions and Answers

[17] SYMPOSIUM ■ 2023 FRYXELL AWARD SYMPOSIUM: PAPERS IN HONOR OF TIMOTHY BEACH PART I

(Sponsored by the Fryxell Award Committee)

Room: B113

Time: 8:00 a.m.–12:00 p.m.

Chairs: Samantha Krause and Duncan Cook

Participants:

- 8:00 Fred Valdez—Interdisciplinary Research in Maya Archaeology: Interests from the PfBAP
- 8:15 Arlen Chase, Diane Chase and Adrian Chase—Interpreting the Past: How Transdisciplinary Research Advances the Field of Maya Archaeology
- 8:30 Sheryl Luzzadder-Beach, Timothy Beach, Nicholas Dunning, Duncan Cook and Samantha Krause—Soil Carbon Persistence and Influence in the Early Anthropocene of the Maya Lowlands
- 8:45 Keith Prufer, Megan Walsh, Nadia Neff, Amy Thompson and Douglas Kennett—Wetland Maize Farming by 6000 BP Gave Way to Upland Farming with the Rise of Ancient Maya Settlements and Political Centers
- 9:00 Thomas Guderjan and Colleen Hanratty—Large-Scale, Upland, Landscape Modification and the Implications for Classic Maya Population Density and Land Tenure in Northwestern Belize
- 9:15 Nicholas Dunning, Jeffrey Brewer, Christopher Carr, Kathryn Reese-Taylor and Armando Anaya Hernández—How to Build a Better Reservoir: Evolving Ancient Maya Strategies
- 9:30 David Lentz, Atasta Flores Esquivel, Kathryn Reese-Taylor, Armando Anaya Hernández and Nicholas Dunning—Discovery of a Late Preclassic

- Ceremonial Bundle at the Ancient Maya Center of Yaxnohcah Using Environmental DNA Analysis
- 9:45 Clifford Brown, Hector Neff, Michael Glascock, Sofia Feliciano and Andrew Terentis—Geochemistry and Provenance of Late Formative Pottery from Chinandega, Nicaragua
- 10:00 Marisol Cortes-Rincon, Kristen Harrison, Amanda Zetz, Raylene Borrego and Hannah Vizcarra—A GIS and Remote Sensing Approach to Settlement Patterns, Cultural Landscape, and Utilization of Natural Resources in the Hinterlands: Dos Hombres to Gran Cacao Archaeology Project
- 10:15 Daniela Triadan and Takeshi Inomata—Creating a New World: Large-Scale Landscape Modifications at Aguada Fenix, Mexico
- 10:30 Marieka Brouwer Burg, Eleanor Harrison-Buck and Samantha Krause—Problematizing Past Human-Landscape Interactions in the Lower Belize River Watershed: An Interdisciplinary Approach
- 10:45 Elizabeth Graham, Francesca Glanville-Wallis, Daniel Evans, Julia Stegemann and Simon Turner—“Down to Earth”: The Primacy of the Terrestrial
- 11:00 Scott Hutson—Discussant
- 11:15 Charles Golden—Discussant
- 11:30 Duncan Cook, Larissa Schneider, Timothy Beach, Sheryl Luzzadder-Beach and Nicholas Dunning—Environmental Legacy of Precolumbian Maya Mercury: Using the Present to Understand the Past
- 11:45 Duncan Cook—Discussant

[18] SYMPOSIUM ■ PUBLIC LANDS, PUBLIC SITES: RESEARCH, ENGAGEMENT, AND COLLABORATION

(Sponsored by the Public Archaeology Interest Group)

Room: C120 & C121

Time: 8:00 a.m.–12:00 p.m.

Chairs: Stephanie Sperling, Angela Jaillet-Wentling and Joe Baker

Participants:

- 8:00 Joel Dukes—A Poet, a President, and Public Engagement: Archaeological Investigations at Longfellow House (Washington’s Headquarters National Historic Site, Cambridge, MA)
- 8:15 Anya Gruber, Amy Fedchenko and Mikala Hardie—Bringing Archaeology to You: Insights from the Roving Exhibit and Archaeology Laboratory
- 8:30 Bernard Means—Beyond the Borders: Using 3D Public Archaeology to Democratize the Past at US National Parks
- 8:45 Jesse Gunnels—Military Land Management
- 9:00 Charles McLeod—Secrets of Two Historic Montana Homesteads
- 9:15 Katherine Peresolak—Stewardship and the Efforts to Preserve the Carroll Cabin
- 9:30 Amanda Telep—An Investigation into the Archaeological Resources of Irishtown Gap Hollow

- 9:45 Ross Owen and Roy Brubaker—Archaeology and Forestry Perspectives on the Management of Rhyolite Quarries on Pennsylvania State Forest Lands
- 10:00 Niels Rinehart—Walking a Trail Like Reading a Book
- 10:15 Joan Schneider—California and Mongolia “Sister Parks” Have Common Goals: How Did That Happen?
- 10:30 Angela Jaillet-Wentling and Katherine Peresolak—Tackling Hard Histories in Penn’s Woods: Exploratory Archaeology of Two Segregated CCC Camps
- 10:45 Stephanie Sperling—Making Archaeology Relevant and Inclusive in a Local Park System
- 11:00 Jonathan Burns and Amanda Rasmussen—It Takes a Village to Raise a Fort: The Fort Halifax Rediscovery Project
- 11:15 Megan Shaeffer, Charlotte Gintert and Maeve Marino—Every Site Is a Microcosm: A Tale of Cultural Resource Management, Public Parks, and an NRHP Site
- 11:30 Joe Baker—Discussant
- 11:45 Questions and Answers

[19] SYMPOSIUM ■ DEDICATION, COLLABORATION, AND VISION PART I: PAPERS IN HONOR OF TOM D. DILLEHAY

Room: C124

Time: 8:15 a.m.–11:45 a.m.

Chair: Carla Hernández Garavito

Participants:

- 8:15 Kary Stackelbeck and Greg Maggard—Dillehay’s Legacy: Modeling Interdisciplinary and International Scholarship in Archaeology of the Americas
- 8:30 John Arnn—Tom Dillehay, Texas, and Identity
- 8:45 Jack Rossen—Two Long-Term Tom Dillehay Projects: Monte Verde, Zana, and the Processes of Archaeological Debate and Criticism
- 9:00 John Warner—New Interpretations from the Site of Jatanca (JE-279), Jequetepeque Valley, Peru
- 9:15 Jose Iriarte—Circular Worlds: Comparison and Reflections on the Earthen Architecture of Lowland South American Circular Villages
- 9:30 David Pollack and A. Gwynn Henderson—Insights into Central Kentucky Adena Moundbuilding Drawn from Tom Dillehay’s Research on Mapuche Moundbuilders of Southern Chile
- 9:45 A. Gwynn Henderson, David Pollack and Benjamin Barnes—“What Was Our Ancestors’ Pottery Like?” Exploring Ceramic Heritage with the Shawnee Tribe
- 10:00 Jacob Sauer and Teresa Franco—De la Costa a la Cordillera: Long-Term Cultural Developments in Chile
- 10:15 Rebecca Bria and Brian McCray—Scale, Interaction, and Society: Constituting Social Boundaries in the Northern Peruvian Andes

- 10:30 Kasia Szremski and Carla Hernández Garavito—Interactions, Geopolitical Mastery, and Empire: What Local-Level Political Machinations Tell Us about Imperial Strategy during the Late Prehispanic Period
- 10:45 Edward Swenson—Andean Philosophies, Social Theory, and the Use of Analogies in the Interpretation of Andean Built Environments
- 11:00 Carla Hernández Garavito—Discussant
- 11:15 Questions and Answers
- 11:30 Steven Wernke—Discussant

[20] SYMPOSIUM ■ SUBSISTENCE CROPS AND ANIMALS AS A PROXY FOR HUMAN CULTURAL PRACTICE

Room: C122

Time: 8:30 a.m.–12:00 p.m.

Chairs: Miguel Vallebueno-Estrada and Kelly Swarts

Participants:

- 8:30 Emily McClung de Tapia, Guillermo Acosta-Ochoa, Diana Martínez-Yrizar, Carmen Cristina Adriano-Morán and Jorge Ezra Cruz-Palma—Lakescapes/Landscapes in the Prehispanic Basin of Mexico: Recent Evidence for Early Subsistence Adaptations
- 8:45 Natasha Lyons, Chelsey Armstrong, Tanja Hoffmann, Roma Leon and Michael Blake—Investigating the Principles of “Good Farming”: A Comparison of Traditional Agrarianism and Indigenous Land Use and Cultivation
- 9:00 Andrew Somerville, Isabel Casar and Pedro Morales—The Adoption of Agriculture in the Tehuacan Valley, Mexico: Stable Isotope Data for 10,000 Years of Environmental and Dietary Change
- 9:15 Bruce Benz—Was *Setaria* Domesticated in Tehuacan?
- 9:30 Miguel Vallebueno-Estrada, Krisztian Nemeth, Bruce Benz, Michael Blake and Kelly Swarts—Maize Adaptation to Changing Environments
- 9:45 Kelly Swarts, Miguel Vallebueno-Estrada, Lisa Huckell, Hernan Burbano and Bruce Huckell—Spread of Maize into Temperate North America
- 10:00 Jennifer Watling, Tiago Hermenegildo, Thiago Kater and Fabian Menges—Preliminary Insights into the Biocultural Trajectory of Maize in Southwestern Amazonia
- 10:15 Dorian Fuller—Unentangling Hotspots and Episodes in Pre-domestication Cultivation of Cereals: Examples from West and East Asia
- 10:30 Frank Winchell—The Location for the Origin of Domesticated Sorghum in Africa: A Brief Review of Some Cultures in the Sahara, Nile, and Sahel
- 10:45 S. Yoshi Maezumi, Sarah Elliott, Mark Robinson and Jose Iriarte—Indigenous Land Use and Cultural Burning in the Amazon Rainforest Ecotone
- 11:00 Miguel Vallebueno-Estrada—Discussant
- 11:15 Emily McClung de Tapia—Discussant

- 11:30 Dorian Fuller—Discussant
 11:45 Kelly Swarts—Discussant

[21] SYMPOSIUM ■ ARCHAEOLOGICAL STUDIES OF LITHICS PART I

Room: B114

Time: 8:30 a.m.–12:00 p.m.

Chair: Ryan Brady

Participants:

- 8:30 Robert Rowe, Jennifer Pelache and Bradley Byrnes—The Lone Spruce Site, a High-Altitude Seasonal Camp of the Upper Colorado River Basin
- 8:45 Alexander Rogers and Robert Yohe II—Trends in Prehistoric Toolstone Use in the Upper Mojave Desert of Eastern California
- 9:00 Ryan Brady, Julie Royer, Loukas Barton, Micah Hale and Brad Comeau—Toolstone Acquisition in the Interior of California's South-Central Coast: Raw Material Extraction in the Mid- to Late Holocene
- 9:15 Jordan Pratt—Stemmed Points and Pluvial Lakes: Assessing the Manufacture and Distribution of Western Stemmed Points in the Harney Basin, Oregon
- 9:30 Shelby Saper, Richard Rosencrance, Katelyn McDonough, Geoffrey Smith and Dennis Jenkins—Assessing Typology of Pre-Mazama Corner-Notched Points in the Great Basin
- 9:45 Armando Falucci and Diego Lombao—Measuring Reduction Intensity in Laminar Cores: An Experimental Approach and Archaeological Application
- 10:00 Renata Araujo, Mercedes Okumura and Astolfo Araujo—Geometric Morphometrics on the Spot: When Artifact Shape Tells Us More of Prehistoric Lithic Variability in São Paulo State, Brazil
- 10:15 Justin Carlson, David Pollack, David Breetzke, Deborah Parrish and Heather Byerly—Middle Archaic Mobility and Resource Utilization in the Cumberland Plateau of Southeastern Kentucky
- 10:30 Leticia Correa and Astolfo Araujo—When Technological Analysis Becomes a Setback: The Case of the Points in the Interior of São Paulo State, Brazil
- 10:45 Océane Spinelli Sanchez, Laurine Travers, Alain Chauvet, Michel Brenet and Anne Delagnes—Sampling Vein Quartz: An Adapted Fieldwork Protocol Combining Structural Geology and Archaeology
- 11:00 Jeremy Beller, Mark Collard and Amer al-Soulimann—The Late Acheulean of the Azraq Basin, Jordan, and Its Implications for Hominin Dispersals into the Levant
- 11:15 Jenna Anderson and Sonia Harmand—Early Middle Pleistocene Flake Production Methods at Nadung'a Site Complex, West Turkana, Kenya
- 11:30 David Rafael McCormick Alcorta—Society's Cutting-Edge Crafters: Lithic Commodity Production at Cotzumalhuapa
- 11:45 Simon Sherman—Nondestructive Provenance of the Watson Brake (16OUI75) Lithics

COALITION FOR ARCHAEOLOGICAL SYNTHESIS**Room:** Willamette 4, Hyatt Regency**Time:** 9:00 a.m. –10:00 a.m.**SAA BIOARCHAEOLOGY MENTORING EVENT (BY INVITATION ONLY)****Room:** Deschutes B, Hyatt Regency**Time:** 9:00 a.m.–11:00 a.m.**[22] SYMPOSIUM ■ THINKING BIG IN THE ANDES: PAPERS IN HONOR OF CHARLES STANISH****Room:** A105**Time:** 9:00 a.m.–12:00 p.m.**Chair:** Elizabeth Arkush**Participants:**

- 9:00 Elizabeth Klarich and Elizabeth Arkush—Breathtaking Landscapes, Big Questions, and Fabulous Feasts: Celebrating the Contributions of Dr. Charles Stanish
- 9:15 Patrick Ryan Williams—The Religious Nature of Defended Sites: Chip's insights at Cerro Baul
- 9:30 Henry Tantaleán—Science Never Stops! Una Década de Arqueología en Chincha con Chip Stanish
- 9:45 Christine Bergmann and Alexis Rodriguez Yabar—From Pozuelo to Paracas: An Approach to the Processes of Formation and Social Complexity in Early Societies in the Chincha Valley
- 10:00 Jacob Bongers, Nathan Nakatsuka, Colleen O'Shea, Thomas Harper and Lars Fehren-Schmitz—A Multidisciplinary Approach to Inca Resettlement in the Andes
- 10:15 Kristine Martirosyan-Olshansky and Alan Farahani—Woven Traces: Evidence of Basketry from Masis Blur (Armenia)
- 10:30 Brett Kaufman—Archaeology of the Town Square and the Emergence of Democracy in the Phoenician Mediterranean
- 10:45 Colleen Zori—Do Not Be Distracted by the Talking Dog: Aspirational Status Display by Medieval Elites at San Giuliano (Lazio Province, Italy)
- 11:00 Larry Coben—Homenaje a Clavos: Reflections on My and Other's Use of the Work of Charles Stanish
- 11:15 Carol Schultze—CARI-Peru Past and Future
- 11:30 Chapurukha Kusimba—Forty Years of Community Archaeology, Archaeology of Listening, and Working Together in the L. Titicaca Basin
- 11:45 Charles Stanish—Discussant

[23] SYMPOSIUM ■ MULTISPECIES FRAMEWORKS IN ARCHAEOLOGICAL INTERPRETATION: HUMAN-NONHUMAN INTERACTIONS IN THE PAST PART I

(Sponsored by the American Anthropological Association [AAA] Archaeological Division)

Room: A106

Time: 9:15 a.m.–12:00 p.m.

Chair: Lindi Masur

Participants:

- 9:15 Lindi Masur—Discussant
- 9:30 Nicolas Delsol—Following Human-Cattle Assemblage Itineraries: A Non-anthropocentric Perspective on Past Human-Animal Interactions
- 9:45 Traci Ardren—Wild Fruits and Connective Linkages in Precolumbian South Florida
- 10:00 Wade Campbell—Early Navajo Social Organization and the Diné-Dibé-Tł'oh Relationship circa AD 1750
- 10:15 Maia Dedrick and Luke Auld-Thomas—There Are Holes in Our Argument: Karst Landforms and Multispecies Flourishing in Northeastern Yucatan, Mexico
- 10:30 Questions and Answers
- 10:45 Morgan Windle—Exploring (In)Visible Impacts of Multispecies Living among Hunter-Fisher-Herders in Boreal North Asia
- 11:00 Elliot Helmer—Shellscapes and Kinscapes: A Social Network Analysis of the Southern Northwest Coast
- 11:15 Molly Carney—Weaving Kin Studies and Multispecies Frameworks into Collaborative Paleoethnobotanical Research
- 11:30 Aleksa Alaica—Entangled Human and Nonhuman Life Histories: A Glance into the Perceived Value of Camelid Identity from the Central Andes
- 11:45 Nerissa Russell—Discussant

[24] SYMPOSIUM ■ BEYOND “BARBARIANS”: DIMENSIONS OF MILITARY ORGANIZATION AT THE BLEEDING EDGE OF THE PREMODERN STATE

Room: C123

Time: 9:30 a.m.–12:00 p.m.

Chairs: Jennifer Birch and Ben Raffield

Participants:

- 9:30 Jennifer Birch and Ben Raffield—Why Are We Thinking “Beyond Barbarians”? Interrogating Dimensions of Military Organization in Non-State Societies
- 9:45 Ben Raffield—Predatory Polities: Viking Raiding Fleets in Ninth-Century Europe
- 10:00 Ted Gragson—Military Encounters between Vascones and Barbarians in Francia and Iberia between the End of Roman Rule and the Eleventh Century

- 10:15 Bryan Hanks, Gideon Shelach-Lavi, William Honeychurch, Chunag Amartuvshin and Marc Berman—Frontier Dynamics in the Eastern Eurasian Steppe: Examining the Unique Characteristics of Long Wall Construction and Associated Defensive Features through Archaeological Geophysics
- 10:30 Darryl Wilkinson—Hillfort Horizons: Rethinking Violence and Egalitarianism during the Andean Late Intermediate Period
- 10:45 Douglas Bamforth—Warrior Art, Osteological Evidence of Violence, and Colonial-Era Changes in Warfare and Male Status on the Western Great Plains
- 11:00 James Brooks and Catherine Cameron—Comparative Multiethnic Predation in Borderland Context
- 11:15 Ronald Williamson and Jennifer Birch—Northern Iroquoian Conflict: From Coercive Adoption to Community Destruction in a Matter of Decades
- 11:30 Thomas Leppard and Sarah Murray—Violence as a Contested Asset and Dynamics of Warrior Ideology at State Edges: Thugs and Harmony?
- 11:45 Paul Roscoe—Discussant

[25] SYMPOSIUM ■ USING SPACE, MAKING PLACE: LANDSCAPE ARCHAEOLOGIES PART I

Room: A107

Time: 9:45 a.m.–12:00 p.m.

Chair: Rocío López

Participants:

- 9:45 Frederic Dillingham, Bryan Hockett and Isabelle Guerrero—The Tunna' Nosi' Kaiva' Gwaa Archaeological District: Prehistoric Communal Hunting and Pine Nut Harvesting
- 10:00 Rocío López—Preliminary Geoarchaeological Analysis of the Colina Da Monte Site (Rocha, Uruguay)
- 10:15 Natalia Moragas, Maria Torras Freixa and Alessandra Pecci—“Las tomas de posesion”: A Useful Instrument to Understand Early Colonial Archaeological Landscape in the Teotihuacan Valley
- 10:30 Jim Railey—LA 38326: An Unusual Late Formative Site in Southeastern New Mexico
- 10:45 Charlotte Robinson, Neil Duncan and John Walker—Palisades, Ponds, and House Gardens: Phytolith Analysis on the Functionality and Importance of a Ring Ditch in Llanos de Mojos, Southwestern Amazonia
- 11:00 Ronald Towner and Stephen Uzzle—Landscape Dendroarchaeology: 150 Years of Human/Environment Interaction in the Cebolla Creek Drainage of Western New Mexico, USA
- 11:15 Chantel White, Carlotta Di Lallo, Laura Heale, Sabrina Ross and Nathan Arrington—A Tale of Two Landscapes: Agricultural Evidence from a Classical/Hellenistic City and a Nearby Hellenistic Farmstead, Greece
- 11:30 Cody Dalpra—Cultural Landscapes and Site Location: An Application of Ethnographic Viewshed Analysis at the Old Town Mimbres Mogollon Site

- 11:45 Yufeng Sun, Yonggang Sun, Petra Vaiglova and Xinyi Liu—Agricultural Labor Organizations and Management Strategies in the Prehistoric Erdaojingzi Site, Inner Mongolia, China

[26] POSTER SESSION ■ ARCHITECTURE AND URBAN ARCHAEOLOGY

Room: Exhibit Hall A

Time: 10:00 a.m.–12:00 p.m.

Participants:

- 26-a Juan Sereno-Urbe—Architectural Conservation at Cueltajuchitlán, an Archaeological Site in Northern Guerrero, Mexico
- 26-b Michael Smith—Urban Life in the Distant Past: A New Approach to Early Urbanism
- 26-c Nadia Waski and Zachary Nason—Urban Archaeology at the Harrison Avenue Residences: A “Glimpse” into Immigrant Communities in Nineteenth-Century Boston, Massachusetts
- 26-d Sarah Baitzel, Ian Youth, Dan Rosenburg and Arturo Rivera I.—Tent City and Midden Islands: Spatial Organization and Domestic Architecture at the Eleventh-Century Los Batanes (Southern Peru)
- 26-e David Carballo, Daniela Hernández Sariñana, Gabriel Vicencio, Edith Dominguez and Santino Rivero—The Southern Neighborhood Center at the Tlajinga District, Teotihuacan
- 26-f Xóchitl Martínez Martínez—Los tableros doble escapularios de las unidades residenciales del Conjunto Monumental de Atzompa
- 26-g Miguel Angel Galvan Benitez—El manejo del agua en Monte Albán-Atzompa

[27] POSTER SESSION ■ VARIED APPROACHES TO CERAMIC ANALYSIS AROUND THE WORLD

Room: Exhibit Hall A

Time: 10:00 a.m.–12:00 p.m.

Participants:

- 27-a Brittany Fullen—Sacrificing SAIS: Ceramic Offerings from Huari, Peru
- 27-b Sarah Kerchusky—Ceramics from Zorropata, a Middle Horizon Las Trancas Habitation Site in Nasca, Peru
- 27-c Lars Boyd—A Reclassification of the High Plains Upper Republican Ceramics from Buick Campsite: Buick Collared and Buick Straight
- 27-d Anna Semon—Documenting Miniature Ceramic Vessels in the Chaco Collection at the American Museum of Natural History
- 27-e Harley Biggs, Steven Hackenberger and Karisa Terry—Interpreting Lesser Antillean Island Domestic and Ritual Practices through Household and Ceramic Analysis at the Goddard Site, Barbados
- 27-f Jill Zuckerman and Tristan O'Donnell—Investigating Southern New England Native American Ceramic Traditions: How Form and Function Can Connect the Past to the Present

- 27-g Rudolf Cesaretti—Refining the Regional Ceramic Chronology of the Postclassic Basin of Mexico to Account for Spatial-Temporal Variability
- 27-h Amanda Dobrov and Kari Schleher—A Clean Break: A Departure from Standard Typologies through an Investigation of Pottery Temper at Joshua Tree National Park
- 27-i Maren Moffatt, Brian Codding, Kenneth Vernon and Simon Brewer—Classification of Fremont Ceramics Using a Neural Network
- 27-j Julia Coverdale—What's the Deal with Corrugated Whitewares? An Analysis of the Corrugated Whitewares from the Haynie Site
- 27-k Yazmin Martínez Martínez—La producción cerámica en Atzompa
- 27-l Emilee Witte, Emily Schach and Donna Nash—Ceramics Crossing Temporal and Cultural Boundaries in the Moquegua Valley
- 27-m James Davenport—The Llamitas of Wiñaymarka: Individual Potters, Communities of Practice, and the Organization of Production for Pacajes Pottery in the Southern Titicaca Basin, Bolivia
- 27-n Karisa Terry—The Foundational Element of Mobile Land-Use Systems in the Initial Late Pleistocene–Early Holocene Adoption of Ceramic Vessels in the Transbaikal Region, Siberia
- 27-o Caelie Butler, Tammy Buonasera and Shelby Anderson—An Experimental Study of Arctic Ceramic Cooking Vessel Performance

[28] POSTER SESSION ■ ARTS AND CRAFTS: ARTISTIC EXPRESSION, ICONOGRAPHY, AND CRAFT PRODUCTION

Room: Exhibit Hall A

Time: 10:00 a.m.–12:00 p.m.

Participants:

- 28-a James Crandall and Timothy Galowicz—An Overview of Painted Rock Representation in the Utcubamba Basin, Eastern Peru
- 28-b Gregory Haynes, Megan Stueve, David Page and Lisa Cipolla—Results of the Fort Hunter Liggett Rock Art Investigation Project in Monterey County, California
- 28-c India Pruette—An Experimental Archaeological Approach to Persian Period Mortaria Construction through the Lens of Tell el-Hesi
- 28-d Claire Chanteraud, Brandi MacDonald, Diego Garate, Hélène Salomon and Iñaki Intxaurbe—Taste for Color in Basque Land during the Paleolithic: New Approach for Description of Social Organization during the Gravettian
- 28-e Radoslaw Palonka, Boleslaw Zych, Vincent MacMillan, Katarzyna Ciomek and Jakub Sliwa—Digital Documentation of Ancestral Pueblo Architecture and Rock Art in SW Colorado, USA: Heritage Management, Education, and Visualization
- 28-f Xuewei Zhang, Jiaqi Wang and Chunxue Wang—Stone Armor 2,200 Years Ago: Large-Scale Specialized Workshop in Early China
- 28-g Tia Watkins, Rosamund Fitzmaurice, Christophe Helmke, Jaroslaw Zralka and Jaime Awe—Regional Spheres of Gameplay: A Preliminary Comparative

- 28-h Analysis of Patolli, a Mesoamerican Board Game
Madison Drew—An Analysis of Mimbres Ornament Assemblages from the Maxwell Museum of Anthropology and the Museum of Indian Arts and Culture
- 28-i Liv Winnicki—In the Groove: Alternative Functions for Sharpening Grooves in the Pueblo Southwest
- 28-j Yeonju Shin—Mayan Cosmology Depicted in Ancient Murals: Understanding Gender, Death, and Religious Pedagogy in Mayan Civilization during Classical and Preclassical Era
- 28-k Gabriela Saldaña, Tia Watkins, Emma Messenger, Rosamund Fitzmaurice and Jaime Awe—Iconographic Themes among Classic Maya Graffiti: A Comparative Case Study from Xunantunich, Belize
- 28-l Arturo Rivera I. and Sarah Baitzel—Bag-Loading Tradition for Building Precincts in Los Batanes, Sama, Peru
- 28-m Jennifer Singletary and José Peña—Analyzing Prehispanic Textile Technology at the Site of Santo Domingo. Huarmey Valley, Peru
- 28-n Emily Schach and Jane Buikstra—Textile Coca Containers from Chiribaya Alta, Peru
- 28-o Judyta Bak, Angela Lucia Rojas Bergna and Juan Carlos La Rosa—A Bioarchaeological Study of a Weaver Mummy from Hualmay, Peru

[29] POSTER SESSION ■ WHAT'S ON THE MENU? PART I: ISOTOPE ANALYSIS

Room: Exhibit Hall A

Time: 10:00 a.m.–12:00 p.m.

Participants:

- 29-a Valentina Martinoia Zamolo, Mario Novak, Dragana Rajkovic, Goran Tomac and Michael Richards—Social Inequality in the Middle-Late Neolithic? Stable Isotope Analysis of the Individuals from Beli Manastir-Popova Zemlja (Slavonia, Croatia)
- 29-b Miranda LaZar, Joshua Reuther, Scott Shirar, Liza Mack and Nicole Misarti—Cultural and Ecological Relationships between the Unangax̂ and Seabirds on Sanak Island, AK
- 29-c Michael Scott, Adam Boethius, Rebecca Macdonald, Michael Richards and Amy Styring—Using Compound Specific Isotope Analysis of Amino Acids to Distinguish Aquatic and Terrestrial Diets of Early Holocene Hunter-Gatherers in Southern Sweden
- 29-d Alyssa Bolster, Natasha Vang and Tiffany Tung—Diet and Foodways in the Wari Imperial Hinterlands: Stable Isotope Analysis of the La Real Burial Population (600–1000 CE), Arequipa, Peru
- 29-e Marcos de la Rosa-Martinez, Alexandra Greenwald, Deborah Blom and Kelly Knudson—Stable Isotope Measurements of Weaning Age and Early Childhood Diet in the Ancient Andes: Variation in Early Life Experiences in Tiwanaku Society

- 29-f Sen You, Long Wang, John Olsen, Ying Guan and Quanchao Zhang—Starch Remains from Human Teeth Reveal the Bronze and Early Iron Ages Vegetal Diet of Xinjiang, Northwest China
- 29-g Madeline Mackie, Briana Doering, Fox Nelson, Molly Herron and Carlton Shield Chief Gover—New Context from an Old Site: Collections Research on the Colby Mammoth Clovis Site
- 29-h Nour Khachemoune, Aurora Allhouse, Kristine Richter and Christina Warinner—Animal Management of the Late Classic Maya at Copán, Honduras, Using Stable Isotope Analysis
- 29-i Megan Savoy—An Exploration into Ancient Human Diet Using Stable Isotopes from Helminth Eggs
- 29-j Sabrina Nino, Sophia Stevenson and Beth Scaffidi—Comparing Short-Term Dietary Variability throughout Early Life between Trophy and Non-trophy Head Individuals from Uraca, Arequipa, Peru
- 29-k Caitlin Conly and Mark Schurr—Life and Adaptation during the Little Ice Age in Midwestern Agricultural Villages: Evidence through Stable Isotopes
- 29-l Damon Tarrant, Laura Yazedjian and Michael Richards—Application of Dietary Isotopes to Estimate Temporal Context of Unidentified Remains in British Columbia Canada
- 29-m Adrián González Gómez de Agüero, Julia McCuaig, Francesca Fernandini and Paul Szpak—Can I See the Menu, Please? Isotopic Baselines and Human Diet in the Andes
- 29-n Lucia Diaz, Sarah Baitzel, Arturo Rivera I. and Xinyi Liu—Reconstructing Multiregional Pastoral Strategies in the South-Central Andes

[30] POSTER SESSION ■ THE ARCHAEOLOGY OF CONFLICTS AND THEIR AFTERMATH

Room: Exhibit Hall A

Time: 10:00 a.m.–12:00 p.m.

Participants:

- 30-a Larra Diboyan—Cultural Genocide and Usurpation of Armenian Places by Azerbaijani Authorities in Disputed Territories
- 30-b Jeremy Brunette and Jonathan Stark—Revisiting the Sentinels: An Analysis of Data Recovery Potential from the Razed Manhattan Project Built Environment, Los Alamos National Laboratory, New Mexico
- 30-c Samuel Neunzig—The Beginning of the Bow
- 30-d Alyssa Henss—The Weaknesses of a Colonial Mindset: A Study of Indigenous Spirituality during the Maya Caste War
- 30-e Aubree Gabbard and Emily Sharp—A Bioarchaeological Approach to Demographic Patterns and Preadult Deaths in the Andean Late Intermediate Period
- 30-f Megan Brown and Bonnie Clark—Early Childhood and Agency: An Archaeological Analysis of Residential Blocks with Preschools at the Granada Relocation Center (Amache)

- 30-g Katherine Gaddis, Ariel Gruenthal-Rankin, Marissa Ramsier and Arkadiusz Koperkiewicz—Disability, Impairment, and Care: An Analysis of Trauma Patterns from Beżawki, Medieval Prussia
- 30-h Hayden Bassett, Damian Koropeczyk, Kate Harrell, William Welsh and Madeleine Gunter-Bassett—Documenting Damage to Cultural Property in Ukraine

[31] FORUM ■ BACK TO THE FUTURE: THE NATIONAL HISTORIC PRESERVATION ACT AND THE SAA/NPS AIRLIE HOUSE SEMINARS REVISITED PART II

(Sponsored by the SAA President)

Room: Ballroom 202

Time: 10:15 a.m.–12:15 p.m.

Moderator: John Douglass

Participants:

- Allyson Brooks—Discussant
- Dan Sandweiss—Discussant
- John Welch—Discussant
- Karen Brunso—Discussant
- Josh Torres—Discussant
- Kimberly Redman—Discussant
- William White—Discussant

[32] FORUM ■ CONNECTING THROUGH A FRAMEWORK ON THE RIGHTS OF INDIGENOUS PEOPLES

Room: Ballroom 201

Time: 10:15 a.m.–12:15 p.m.

Moderator: Angela Neller

Participants:

- Lourdes Henebry-DeLeon—Discussant
- Jacqueline Cook—Discussant
- Amanda Roberts Thompson—Discussant
- RaeLynn Butler—Discussant
- Deana Dartt—Discussant

[33] SYMPOSIUM ■ VARIABILITY: A REASSESSMENT OF ITS MEANING, AFFORDED RANGE, AND THE RELATION TO PROCESS

Room: B112

Time: 10:15 a.m.–12:15 p.m.

Chair: Zeljko Rezek

Participants:

- 10:15 Jonathan Reeves, Levi Raskin, Matthew Douglass and David Braun—Establishing Baselines for Stone Tool Variation Across the Early

- Pleistocene: A Least Effort Approach
- 10:30 Joao Marreiros, Ivan Calandra, Lisa Schunk, Walter Gneisinger and Eduardo Paixao—The Role of Artifact Functional Analysis in Understanding Variation in the Archaeological Record: Assessments from Studies on Tool Design and Use
- 10:45 Heather Smith—Paleoindian Lifeways Set in Stone: Studying Variation in Fluted-Point Assemblages
- 11:00 Elena Enderova—The Meaning of a Sample of Teeth Pendants from the Paleolithic Bacho Kiro Cave in Bulgaria (Exc. 1971–1975)
- 11:15 Ahmed Nassr and Zeljko Rezek—The Relationship between Knapping Technology and Stone Use in the MSA Landscape of Northern Butana in Sudan
- 11:30 Ismael Sánchez-Morales—Variability of Clovis Lithic Assemblages from El Fin del Mundo and the San Pedro River Valley
- 11:45 Matthew Barrett and Simon Holdaway—Simulating Lithic Assemblage Composition and Its Relationship to Mobility
- 12:00 Questions and Answers

[34] Symposium ■ The Maya Wall Paintings of Chajul (Guatemala)

Room: Ballroom 203

Time: 10:15 a.m.–12:15 p.m.

Chair: Jaroslav Zralka

Participants:

- 10:15 Arkadiusz Maciej and Marcin Blaszczyk—Architecture and Conservation Works at Chajul
- 10:30 Katarzyna Radnicka-Dominiak—The Maya Wall Paintings of Chajul (Guatemala): Iconography
- 10:45 Boleslaw Zych, Dorota Bojkowska and Juan Luis Velásquez—Chajul and the Ixil Region during Prehispanic Times
- 11:00 Victor Castillo—A Historical Perspective on Population Patterns and Settlement Layout at Chajul, Guatemala, AD 1530–1821
- 11:15 Mark Howell and Igor Sarmientos—Music Instruments in the Chajul Murals
- 11:30 Igor Sarmientos—A Preliminary Archaeomusicological and Ethnomusicological Interpretation of the Murals of San Gaspar Chajul
- 11:45 Monika Banach and Mark Howell—“This is the true history of the people of Chajul”: Selected Aspects of the Narratives and Music of the Tz’unun Dance
- 12:00 María Luisa Vázquez de Ágredos Pascual, Cristina Vidal-Lorenzo, Patricia Horcajada Campos and Núria Feliú Beltrán—Prehispanic Colors to Re-create New Images and Stories: Materiality and Technology of Color in the Colonial Houses of Chajul, Guatemala

WORKSHOP: GO FIGURE: SUBMITTING PUBLICATION-READY ARTWORK THAT WORKS (BY REGISTRATION ONLY)

Room: Columbia I, Hyatt Regency

Time: 10:30 a.m.–12:00 p.m.

COMMITTEE ON REPATRIATION MEETING

Room: Willamette 3, Hyatt Regency

Time: 10:30 a.m.–12:00 p.m.

[35] SYMPOSIUM ■ PACIFIC MARITIME HISTORY: SHIPS AND SHIPWRECKS

Room: A108 & A109

Time: 10:30 a.m.–12:00 p.m.

Chair: Scott Williams

Participants:

- 10:30 Melissa Darby—Looking for the Golden Hind’s Landfall
- 10:45 Drew Wendeborn—Discovery and Survey of Seventeenth-Century Shipwreck Timbers Near Manzanita, Oregon
- 11:00 Scott Williams—Analysis of Recovered Hull Elements from the Manila Galleon Santo Cristo de Burgos of 1693
- 11:15 Christopher Dewey—The Underwater Search for the Remains of the Spanish Manila Galleon Santo Cristo de Burgos
- 11:30 Nicholas Mead—Terrestrial Survey for the Beeswax Wreck of the Oregon Coast
- 11:45 Peter Mills—Large Things Forgotten: The Hawaiian Monarchy’s Sailing Fleet, 1790–1840

[36] SYMPOSIUM ■ THE ARCHAEOLOGY OF TROPICAL MONTANE CLOUD FORESTS

Room: B117

Time: 10:45 a.m.–12:00 p.m.

Chairs: Lauren Pratt and Venicia Slotten

Participants:

- 10:45 Lauren Pratt—Human-Environment Interactions and the Hunter-Gatherers of Chachapoyas, Peru
- 11:00 Arlen Talaverano Sanchez and Daniela Raillard Arias—Landscapes and Ecologies of Chachapoya Ancestral Sites: Preliminary Results from the MAPA-SACHA Project
- 11:15 Estanislao Pazmiño—Clouds for Water, Forest for Healing: Prehispanic Cultural Dynamics in the Cloud Forests of the Northern Andes
- 11:30 Ryan Hechler and Will Pratt—Running Down That Hill: Inka Imperial Problems in the Tropical Montane Cloud Forests of Ecuador
- 11:45 Venicia Slotten—Botanical Resources in Ancient Costa Rican Cloud Forests

- [37] SYMPOSIUM ■ THE SECOND-OLDEST SITES IN THE PACIFIC NORTHWEST**
Room: B118 & B119
Time: 11:00 a.m.—12:00 p.m.
Chair: Eva Hulse

Participants:

- 11:00 Terry Ozburn—Evidence for Pleistocene Horse Hunting on the Columbia Plateau from the Rock Island Overlook Site
 11:15 Amanda Taylor, Steven Moses, Robert Kopperl and Charlotte Beck—Beyond Paleoarchaic Lithic Procurement at the Bear Creek Site
 11:30 Kenneth Reid—Reservoir-Corrected Musselshell Dates for the Cascade Phase on the Lower Snake River
 11:45 Eva Hulse, Jason Cowan and Kristen Heasley—Dating the Oldest Sites in the Portland Basin

Thursday Afternoon ■ March 30, 2023

HERITAGE VALUES INTEREST GROUP MEETING

Room: Willamette 4, Hyatt Regency
Time: 12:00 p.m.—1:00 p.m.

JOINT COMMITTEE ON REPATRIATION AND COMMITTEE ON NATIVE AMERICAN RELATIONS MEETING

Room: Willamette 3, Hyatt Regency
Time: 12:00 p.m.—1:30 p.m.

WORKSHOP: EXPLORING POWER DYNAMICS, RESPONSIBILITY, AND ACCOUNTABILITY IN ARCHAEOLOGICAL PRACTICE (BY REGISTRATION ONLY)

Room: Willamette 5, Hyatt Regency
Time: 1:00 p.m.—3:00 p.m.

- [38] FORUM ■ DIALOGUES ON COLLABORATIVE ARCHAEOLOGY IN US NATIONAL PARKS**
Room: Ballroom 202
Time: 1:00 p.m.—3:00 p.m.
Moderators: Bonnie Clark and Teresa Moyer

Participants:

- Jeffery Burton—Discussant
 Mary Farrell—Discussant
 April Kamp-Whittaker—Discussant
 Michael Seibert—Discussant
 Shina DuVall—Discussant
 Bonnie Newsom—Discussant

[39] FORUM ■ ARCHAEOLOGICAL CONGRESS PART II: THE IMPORTANCE OF BEING EARNEST

Room: Ballroom 204

Time: 1:00 p.m.–3:00 p.m.

Moderator: K Pyburn

Participants:

- Dru McGill—Discussant
- George Nicholas—Discussant
- Filiberto Penados—Discussant
- Peter Schmidt—Discussant
- Peter Nelson—Discussant
- Stephen Loring—Discussant
- Suzie Thomas—Discussant
- Edward Gonzalez-Tennant—Discussant
- Peter Biehl—Discussant
- Koji Mizoguchi—Discussant
- Michael Wilcox—Discussant

[40] FORUM ■ FAKING IT AND MAKING IT: ENGAGING WITH POP CULTURE THREATS TO ARCHAEOLOGY

Room: Ballroom 203

Time: 1:00 p.m.–3:00 p.m.

Moderators: John Hoopes and Flint Dibble

Participants:

- David S. Anderson—Discussant
- Kenneth Feder—Discussant
- Nicholas Grabill—Discussant
- Chelsea Rose—Discussant
- Marijke Stoll—Discussant
- Kurly Tlapoyawa—Discussant
- Anna Goldfield—Discussant
- William Farley—Discussant
- Daniel Fallu—Discussant

[41] POSTER SESSION ■ ROCK HARD SCIENCE: LITHICS ANALYSIS PART I

Room: Exhibit Hall A

Time: 1:00 p.m.–3:00 p.m.

Participants:

- 41-a Felicia Avendano and Mika Woods—A Comparison of Changing Reduction Sequences of Obsidian from the Grandad Site in the Central Sierra, California
- 41-b Jaron Davidson, John Carpenter, Guadalupe Sánchez and Matthew Pales—Early Agricultural Use of Ground Stone in Southern Sonora
- 41-c Kyle Freund, Daron Duke, Jennifer DeGraffenried, Nate Nelson and D.

- Craig Young—The Fluted Point Component of the Old River Bed Delta, Utah
- 41-d Jacob Arnzen—From Flovis to Closom: An Evaluation of Fluted Point Morphologies
- 41-e J. Anne Melton, Emily Liu, Jeff Calder and Katrina Yezzi-Woodley—You've Got Tools: Evaluating Comparability Among 3D Lithic Angle Measurement Tools
- 41-f Bailey Goodling, Alicia Fritz, Jingyu Liang and John Murray—An Assemblage-Level Comparison of Silcrete Flake Attributes across Three Methods of Heat Treatment: Preliminary Results from Actualistic Experiments
- 41-g Megan Harris—No Knapping in the Shelter: Lithic Analysis from the Chuchuwayha Rock Shelter, Similkameen Valley, British Columbia
- 41-h Levi Raskin, Jonathan Reeves, Matthew Douglass and David Braun—Least-Effort Knapping as a Baseline to Study Social Transmission in the Early Stone Age
- 41-i Paris Franklin—Small Things Brought Together: Analyzing the Microdebitage of Experimental Lithic Assemblages
- 41-j Cindy Hsin-yee Huang, John Murray, Sydney James, Nicolas Hansen and Jonathan Paige—Quality Control: The Impact of Raw Material Quality on Inter-analyst Variation and Interpretation of Lithic Assemblages
- 41-k Bruce Huckell, Nadine Navarro, Christopher Merriman, Joseph Birkmann and Steven Shackley—Blue Canyon, a Clovis Quarry/Workshop and Camp in Central New Mexico
- 41-l Jiaqi Wang, Xuewei Zhang, Chunxue Wang and Lishuang Sheng—A Preliminary Report of the 2021 Excavation at the Taiziling Locality in Jizhou County, Tianjin City

[42] POSTER SESSION ■ ROCK HARD SCIENCE: LITHICS ANALYSIS PART II

Room: Exhibit Hall A

Time: 1:00 p.m.–3:00 p.m.

Participants:

- 42-a Jennifer Cullison—A History Cast in Stone: Geochemical Chert Sourcing Using Portable X-Ray Fluorescence (PXRF) in Southern Ontario
- 42-b Christopher Noll—An Evaluation of Olcott Biface Production
- 42-c Allison Sabo, Daniel Koski-Karell and William Pestle—¿Por Qué (No) Los Dos? Investigating Simultaneous Blade and Flake Industries at the Ortiz Site, Cabo Rojo, Puerto Rico
- 42-d Sean Stcherbinine—Overview of Excavations at Three Olcott Sites in Western Washington, USA
- 42-e Kristopher Montgomery—A Macroscopic Lithic Analysis of South Mountain Metarhyolite Quarries: A Focus on Intersite and Intrasite Assemblage Comparisons of the Green Cabin Site (36AD0569), South Mountain, Pennsylvania

- 42-f Corinne Watts—New Stones, New Uses: Sillimanite Ground Stone Tools from Central Iberia (5000–2500 BCE)
- 42-g Garrett Toombs—If It Looks Like a Scraper? Identifying Artifact Function through Experimental Archaeology
- 42-h Maria Isabel Guevara-Duque—Obsidian: Status Marker or Household Item? The Use of Obsidian throughout Time in Manabi, Ecuador
- 42-i Angela Gore—Exploring Toolstone Provisioning on the Nenana Valley Lithic Landscape
- 42-j Peter Banke, Christopher Jazwa and Jennifer Perry—Outcrops, Toolstone Distribution, and Source Profiles of Chert Quarries on Santa Cruz Island, CA
- 42-k Noella Wyatt—Tryon Creek (35-WA-288) Projectile Point/Base Comparisons through Strata/Levels
- 42-l Neil Hauser and Teri Hauser—Investigation of Contracting Stem Points from the Great Basin and Northern Colorado Plateau

[43] POSTER SESSION ■ WHAT'S ON THE MENU? PART II: BOTANICAL ANALYSIS

Room: Exhibit Hall A

Time: 1:00 p.m.–3:00 p.m.

Participants:

- 43-a Trever Duarte and Jon Tulchin—Archaeobotany of Ka'ūpūlehu
- 43-b Trevor Lamb—Food, Fuel, or Fluke? The Interpretive Potential of Microbotanical Remains Recovered from Burnt Residues on Koniag Pottery from the Malriik Site (KOD-405), Kodiak Island, Alaska
- 43-c Amethyst Owen—Oneota Subsistence Patterns: Wild Versus Domesticated
- 43-d Jacob Haffner, Keith Prufer, Hannah Mattson, Cecil Lewis and Colleagues et al.—Mass Spectrometry Database of Archaeologically Relevant Plants for Organic Residue Analysis
- 43-e David Rhode—Plant Use at Bonneville Estates Rockshelter, Nevada
- 43-f Anna Chitwood and Dana Bardolph—Paleoethnobotanical Analysis of a Classic Taino Ritual Site at Cinnamon Bay, St. John (AD 1000–1490)
- 43-g Kathryn Kemp—The Four Corners Potato: A Starch Granule Analysis of Ground Stone Artifacts from 5MT3873, Cortez, Colorado
- 43-h Taryn Johnson, Bryan Hockett and Anna Linderholm—A Comparison of DNA Metabarcoding and Macroremains Analysis for Dietary Reconstruction using Coprolites from Bonneville Estates Rockshelter, Nevada
- 43-i Kimberly Batres, Neil Duncan, Lana Williams, Brigitte Kovacevich and Michael Callaghan—A Paleoethnobotanical Analysis of Ceramic Residues from Caches and Burials at the Lowland Maya Site of Holtun, Guatemala
- 43-j Cinthia Campos—A Paleoethnobotanical Analysis of the Trincheras Tradition: Community, Identity, and Foodways
- 43-k Geoffrey Hedges-Knyrim—The Agricultural Economy of the Iron Age

- Southern Levant: Contrasting Preliminary Archaeobotanical Data from Tel Abel Beth Maacah and Khirbat al-Balu'a
- 43-l R. J. Sinensky and Alan Farahani—Measurements of Archaeobotanical Diversity and Richness Using Combined Macrobotanical and Microbotanical Data: Methodological and Theoretical Considerations
- 43-m Jennie Deo Shaw and Joyce LeCompte—Of Elderberries and Alder: Collaborations on the Paleoethnobotany of the Pacific Northwest

[44] POSTER SESSION ■ IT'S NOT ALL ANCIENT HISTORY: MUSEUMS RESEARCH AND HISTORICAL ARCHAEOLOGY

Room: Exhibit Hall A

Time: 1:00 p.m.–3:00 p.m.

Participants:

- 44-a Bethany Mathews—Washington Women's Homesteading, 1862–1949: Developing a Historic Context of Women's Homesteading Experiences
- 44-b Emily Swett—Excavating the Archives: A Reanalysis of Artifacts Recovered from Catclaw Cave
- 44-c Joanne Gallagher—Exploring Exhibit Spaces, Content, and the Visitor Experience: An Analysis of Southwestern Archaeological Exhibits
- 44-d Fox Nelson, Briana Doering, Megan Reel and Madeline Mackie—The Curation Crisis and the Bones of the Colby Mammoth Site
- 44-e Anthony Graesch and Makena Lurie—End-of-Life Purges of Massive Domestic Assemblages: Staging Archaeological Interventions and Reanimating the Social Lives of Discarded Belongings
- 44-f Bethanny Prascik, Bryan Hill II and Olivia Jones—"Fresh" from the Field: Utilizing Legacy Collections for Undergraduate Research and Training
- 44-g Tess Kelley—Documenting Indigeneity in the Peabody Museum's Ainu Collections
- 44-h William Whitehead, Curtis Edson and David Prall—Digital Conservation Efforts at Cathedral Rock, United States Air Force Academy
- 44-i Brian McKee, Katherine Cera, Serafín Gomez Luna and Fernando Zuleta—La Iglesia de Osicala: A Church on the Northeastern Frontier of Colonial El Salvador
- 44-j Christopher Donnermeyer, Brittney Cardarella and Bobby Saunters—The Bridal Veil Lumbering Company: Indications of Advancing Technologies and Improved Residential Conditions at Camp A
- 44-k Charlotte Ives, Colin Quinn, Lacey Carpenter and Hannah Lau—Identity through Ornamentation: An Iconographic Analysis of Nineteenth-Century Ceramic Tableware from Central New York
- 44-l Jordan Cerone and Heather Fusco—A Comparative Analysis of Nineteenth- and Early Twentieth-Century Ceramics in Gettysburg, Pennsylvania
- 44-m Eric Jones, Annabelle Lewis and Gabby Cruz—Wealth, Status, and Agricultural Production at a Mid-Nineteenth-Century Farmstead in Upstate New York

[45] POSTER SESSION ■ MIGRATION, MOVEMENT, AND TRADE NETWORKS**Room:** Exhibit Hall A**Time:** 1:00 p.m.–3:00 p.m.**Participants:**

- 45-a Jess Beck, Horia Ciugudean, Colin Quinn and Claes Uhnér—Isotopic Analyses of Diet in Late Prehistoric Southwestern Transylvania
- 45-b Abigail Peeples—Chasing Trail: Documentation and Management of Precontact Trails within Lake Mead NRA
- 45-c Sara Polk, Jeremy Wilson and Broxton Bird—Space, Time, and Climate in the North American Midcontinent: Settlement Patterns and Paleoclimatic Variability through the Mid- to Late Holocene
- 45-d Emily Jonsson and Caitlin Stewart—Settlement Patterns and Land Use on the Shivwits Plateau: Insights from a Cultural Resources Inventory on the Grand Canyon-Parashant National Monument
- 45-e Briggs Buchanan and Mark Collard—Documenting Cultural Innovation, Adoption, and Stability among the Southern Athapaskans
- 45-f Ian Roa, Ashley Sharpe, Claire Ebert and Julie Hoggarth—⁸⁶Sr/⁸⁷Sr Evidence for the Role of Animals in Ritual Economies among the Ancient Maya in the Belize River Valley
- 45-g Monica Warner and Nicholas Herrmann—Interpreting Precolumbian Mobility in Eastern Honduras Using Strontium and Oxygen Isotope Assignment Models
- 45-h Hollie McDonald, Lacy Hazelwood and Meradeth Snow—Children of Casas Grandes: A Molecular Examination of Subadults at Convento and Paquimé
- 45-i Hannah Pytleski, Eileen Murphy and J. Marla Toyne—Investigating Mobility through Oxygen Stable Isotopes from the Medieval Cemetery at Kilroot, County Antrim, Northern Ireland
- 45-j Laura Bossio—A Multifaceted Approach to Understand the Late Prehistoric Transition in the Maumee River Valley of Northwestern Ohio
- 45-k Fiona Haverland and Scott Van Keuren—Modeling Ceramic Transport with GIS in East-Central Arizona
- 45-l Steven Rospopo, Linda Wheelbarger and Nicholas Jew—Middle San Juan Ancestral Puebloan Communities of Practice-Connections and Networking in the US Southwest
- 45-m Micah Smith, Tim Gibbs and Tim Roberts—Juntando La Junta: Bringing Together Ceramics Research in the La Junta Region of West Texas
- 45-n Robert Leachman, Justin Jennings, Christine Giuntini, Joanne Pillsbury and Beth Scaffidi—Stable Isotope Analysis ($\delta^{13}C/\delta^{15}N$) of Archaeological Feathers from Corral Redondo, Arequipa, Peru

**[46] SYMPOSIUM ■ USING SPACE, MAKING PLACE: LANDSCAPE
ARCHAEOLOGIES PART II**

Room: B111

Time: 1:00 p.m.–3:00 p.m.

Chair: Charles Andrews

Participants:

- 1:00 Peter Siegel, Emlen Meyers and John Jones—Discoveries in Southeastern Bolivia Shed Light on Indigenous Cultural Dynamics of South America
- 1:15 Charlotte Goudge—Seasonal Visibility and the Panoptic Plantation: Exploring the Use of “Fertile” Landscapes and 3D GIS Visualization Technologies on Plantationscapes
- 1:30 Kara Jones—Fishing Features in the Mojave Desert and Beyond: Implications at Ivanpah Dry Lake, NV
- 1:45 Lucas Bond Reis, Thiago Umberto Pereira, Lucas Bueno, Julia Reis Cordeiro and Simon-Pierre Gilson—Unveiling Laklãnō-Xokleng Stories: The Southern Je Archaeological Context in the Upper Itajaí Valley (Santa Catarina State, Brazil)
- 2:00 Charles Andrews—Theorizing the Intersection of Space and Power: Lessons from the Landscape Archaeology of the US Southwest
- 2:15 Bailey Raab and Dana Bardolph—Women Bleed Red: Rendering Women’s Spaces Visible in the Archaeological Record
- 2:30 Chiamaka Mangut—A Survey of Hilltop Settlement in Northern Jos Plateau, Nigeria: A Preliminary Report
- 2:45 Daniel Hampson—Living on the Spine of the World: Placemaking at Early Community Centers, Rincon, UT

**[47] SYMPOSIUM ■ RECENT RESEARCH ON THE PALEOLITHIC IN THE
MEDITERRANEAN REGION**

Room: B117

Time: 1:00 p.m.–3:15 p.m.

Chairs: Rory Becker and Ivor Karavanic

Participants:

- 1:00 Marko Banda—Middle Paleolithic Land Use in the Northern Adriatic: Preliminary Data from the Open-Air Site of Campanož (Croatia)
- 1:15 Rory Becker, Ivor Jankovic, Darko Komšo, Siniša Radovic and James Ahern—Upper Paleolithic Movement and Trade as Represented at the Abri Kontija 002 Rockshelter Site
- 1:30 Ivor Jankovic, Darko Komšo, Siniša Radovic, James Ahern and Rory Becker—Recent Insights and Research on Paleolithic of Istria: Examples from Romuald’s Cave
- 1:45 James Ahern, Ivor Jankovic, Darko Komšo, Siniša Radovic and Rory Becker—Insights into the Late Upper Paleolithic of the Northern Adriatic from Ljubičeva Cave, Istria

- 2:00 Ivor Karavanic—Submerged Paleolithic of the Eastern Adriatic: Research Results, Problems, and Perspectives
- 2:15 Joana Belmiro, Jovan Galfi, Nuno Bicho, Xavier Terradas and João Cascalheira—A Diachronic Perspective of Chert Provisioning and Use: The Middle and Upper Paleolithic of Southwesternmost Iberia
- 2:30 Milena Carvalho, Grace Ellis, Michael Benedetti and Jonathan Haws—Neanderthals and Early Modern Humans in Western Iberia: Diet and Ecology at Lapa do Picareiro (Central Portugal)
- 2:45 Geoffrey Clark and Michael Neeley—From Individual to Collective Burial in the Mesolithic of Iberia
- 3:00 Fred Smith—Discussant

[48] SYMPOSIUM ■ ISOTOPIC AND ANIMAL ADNA ANALYSES IN THE SOUTHWEST/NORTHWEST

Room: A107

Time: 1:00 p.m.–3:30 p.m.

Chair: Patrick Lyons

Participants:

- 1:00 Cyler Conrad, Jonathan Dombrosky, Abigail Judkins, Jacqueline Kocer and Emily Lena Jones—Hydrogen and Oxygen ($\delta^2\text{H}$ and $\delta^{18}\text{O}$) Isotopes and the Study of Human-Turkey Relationships in the Northern US Southwest
- 1:15 Karen Schollmeyer, Jeffrey Ferguson, Jacques Burlot, Joan Brenner Coltrain and Virginie Renson—Turkey Provisioning, Exchange, and the Isotopic Zooarchaeology of Social Transformations in the Mesa Verde Region
- 1:30 Amanda Semanko, Martin Welker and Frank Ramos—Integrating Isotopic and Paleopathological Perspectives on Prehistoric Turkey Management at Turkey Creek Pueblo
- 1:45 Sean Dolan, Christopher Schwartz and Patricia Gilman—Eleventh-Century Aviculture in the Mimbres Valley: An Archaeology of the Human Experience Approach
- 2:00 Richard George, Christopher Schwartz, Stephen Plog, Patricia Gilman and Douglas Kennett—Scarlet Macaw Avicultural Dynamics in Southern Arizona
- 2:15 Nicole Mathwich—Embodied Political Ecology in Colonial Livestock: Using Tooth Enamel Serial Sampling to Understand Seasonal Herd Management in Colonial Arizona
- 2:30 Andrew Krug, Matthew Pailes, John Carpenter and Guadalupe Sánchez—Sclerochemistry in Northwest Mexico: Evaluating Marine Shell Conveyance through Stable Isotope Analysis
- 2:45 Nicholas Kessler, Dakota Larrick, Christopher Baisan, Jeffery Dean and Ronald Towner—Prospects for Dendrochronology and Isotopic (^{14}C) “Wiggle-Matching” in the Southwest/Northwest
- 3:00 Emily Lena Jones—Discussant
- 3:15 Brian Kemp—Discussant

[49] SYMPOSIUM ■ ONE IF BY LAND, TWO IF BY SEA: UNDERWATER, ISLAND, AND SHORELINE ARCHAEOLOGIES PART I

Room: B112

Time: 1:00 p.m.–3:30 p.m.

Chair: Matt O'Mansky

Participants:

- 1:00 Dennis Griffin—Archaeology in the Bering Sea: Results from 25 Years of Periodic Archaeological Research on St. Matthew and Hall Islands, the Most Remote Area within Alaska
- 1:15 John Peterson, James Bayman, Andrea Jalandoni, Maria Kottermair and Ashley Meredith—A Pattern of Islands: Ethnography, Remote Sensing, and Community Archaeology in Kosrae and Pohnpei, Micronesia
- 1:30 Rachel Cajigas, Elliot Blair and Matthew Sanger—Geophysical and Archaeological Explorations of the Center of the Creighton Island Shell Ring (9MC87), Georgia, USA
- 1:45 Donald Holly, Christopher Wolff and Amanda Samuels—Excavations at Inspector Island, Newfoundland, Canada
- 2:00 Matthew Schneider—In Search of the Spanish Wells: Freshwater Resources and the Florida Keys
- 2:15 Marco Meniketti—California's Enduring Mystery: The Drake Landing Site Controversy Revisited
- 2:30 Reno Nims—Local Trajectories, Regional Patterns, and Human Ecodynamics in Northern Māori Fisheries
- 2:45 Kathryn Grossman and Tate Paulette—Society against the State in Prehistoric Cyprus? Exploring the Politics of Village Life
- 3:00 Matt O'Mansky, David Parker, Ronald Madeline, Caleb Self and Samuel Witham—Five Centuries of Post-occupation Formation Processes: Excavations at the Dim Bay Site, Bahamas
- 3:15 Matthew Newton—The Paleo Suwannee Project: Offshore Research in the Eastern Gulf of Mexico

[50] SYMPOSIUM ■ ARCHAEOLOGIES OF SEEING, HEARING, EXPERIENCING

Room: B113

Time: 1:00 p.m.–3:45 p.m.

Chair: Marc Levine

Participants:

- 1:00 Kristy Primeau—Landscape as Performance Space: Interaudibility within Chaco Canyon
- 1:15 Sam Challis and Andrew Skinner—The Art of Survival: Mitigating the Impacts of PTSD and Combat Stress through the Manipulation of Moral Status and Identity in the Colonial-Era Rock Art of Southern Africa
- 1:30 Russell Greaves and Karen Kramer—Ethnoarchaeology of Pro-sociality: Frequent All-Night Dances May Help Foster Hunter-Gatherer Cooperation in Impoverished Environments

- 1:45 Jenny Ni—Horse Warriors and Warrior Horses: Considering Horse Subjectivity in Plains Indigenous Societies
- 2:00 Katherine Peterson—A Linguistic Approach to Architecture: Geosemiotics and Performativity of the Built Environment
- 2:15 Danny Zborover and Alex Badillo—Petroglyphs in Context: Documenting and Interpreting the Chillihuay Archaeological Complex, Southern Peru
- 2:30 Jessica Weinmeister—Why So Blue? Color Symbolism in Ancestral Pueblo Lithics
- 2:45 Mario Millones—Emotions Underground: Facial Expression in the Andean Past through the Portrait Vessels (Huacos Retratos, a Heterodox Approach to the Emotions of the Past)
- 3:00 Zach Chase—Sight Formation Processes: Archaeology of Cultural and Sociohistorical Extromission and “Seeing Together”
- 3:15 Mark Collard, Jonathan Harding and Dennis Sandgathe—Drivers of Clothing Variability among Ethnographically Documented Hunter-Gatherers: A Cross-Cultural Test of Competing Hypotheses
- 3:30 Marc Levine and Alex Badillo—What Happened on Monte Albán’s Main Plaza? Insights from a Socio-Spatial-Sensory Analysis

[51] SYMPOSIUM ■ MULTISPECIES FRAMEWORKS IN ARCHAEOLOGICAL INTERPRETATION: HUMAN-NONHUMAN INTERACTIONS IN THE PAST PART II

(Sponsored by the American Anthropological Association [AAA] Archaeological Division)

Room: A106

Time: 1:00 p.m.–4:00 p.m.

Chair: Aleksa Alaica

Participants:

- 1:00 Aleksa Alaica—Discussant
- 1:15 Christopher Schwartz—Scarlet Macaws and Place Making in the US Southwest and Mexican Northwest
- 1:30 Lindi Masur—Multispecies Entanglements in Great Lakes Agricultural Landscapes: A Case Study from the Late Woodland Arkona Cluster Sites, Ontario
- 1:45 Akshay Sarathi—Discussant
- 2:00 Amanda Logan—Racism, Climate Change, and More-Than-Human Agency in Tropical West Africa
- 2:15 Questions and Answers
- 2:30 John Marston—People-Plant Relationships in Long-Generation Arboreal Fruit Cultivation
- 2:45 Nawa Sugiyama—Corporal Animal Forms as Ritualized Bodies in Burial 5, Moon Pyramid, Teotihuacan
- 3:00 S. Margaret Spivey-Faulkner—Members of the Community: Animal Sculptures as Kin

- 3:15 Jiajing Wang and Laura Ng—An Intimate Bond: New Evidence for Human-Pig Relationships in Chinese Diaspora Communities
- 3:30 Nora Zariñán—Rethinking Our Concepts to Rethink Our Data: Interpreting the Material Culture of Northwest Mexico in Light of Indigenous Theory
- 3:45 Christine Hastorf—Discussant

[52] SYMPOSIUM ■ THE ROLE OF WOMEN IN MESOAMERICAN RITUAL

Room: B118 & B119

Time: 1:00 p.m.—4:00 p.m.

Chairs: Cameron McNeil and Jacob Welch

Participants:

- 1:00 Carolyn Tate—A Midwife's Memorial: La Venta "Tomb" C
- 1:15 Jacob Welch—Birthing Dynasties and Raising Suns: Royal Women and Preclassic Maya Ritual
- 1:30 Claudia Garcia-Des Lauriers—Women and Ritual at Teotihuacan, Mexico
- 1:45 Maria Elena Vega-Villalobos, Ana García Barrios and Alejandra Martínez de Velasco—Las mujeres en los rituales de final de periodo durante el Clásico maya (250-900 dC)
- 2:00 Alejandro Garay Herrera—Rituals of Maya Royal Women in Classic Period Inscriptions
- 2:15 Cameron McNeil, Edy Barrios, Mauricio Díaz García, Agapito Carballo and Samuel Pinto—Pib Naah y la Partería: Birth Rituals and Midwifery at Río Amarillo, Copan, Honduras
- 2:30 Charles Cheek—Women's Dress in Ritual and Non-ritual Contexts
- 2:45 Aj Xol Ch'ok Hector Rolando and Mauricio Díaz García—Dueñas de la memoria, guardianas de la historia: Mujeres Mayas, ritualidad y arqueología en el altiplano del territorio guatemalteco
- 3:00 Frauke Sachse—Xmucane and Her Granddaughters: Maya Women as Creators of Time
- 3:15 Allen Christenson—"Grandmother of Light, Mistress of Shaping": Midwife Deities in Highland Maya Ritual
- 3:30 Traci Ardren—Discussant
- 3:45 Questions and Answers

[53] SYMPOSIUM ■ NORTHEAST ASIAN PREHISTORIC HUNTER-GATHER LIFEWAYS: MULTIDISCIPLINARY, INDIVIDUAL LIFE HISTORY

APPROACH

Room: C122

Time: 1:00 p.m.—4:00 p.m.

Chairs: Corrie Hyland and Karolina Werens

Participants:

- 1:00 Andrzej Weber—Discussant

- 1:15 Andrzej Weber and Olga Goriunova—Early Bronze Age Cemeteries on Lake Baikal, Siberia: Their History and Patterns of Use
- 1:30 Corrie Hyland, Rick Schulting, Amy Styring and Andrzej Weber—Radiocarbon Dates and Freshwater Resource Use within Prehistoric Diets
- 1:45 Ian Scharlotta—Expanding Individual Life Histories to Large-Scale Dietary Comparisons of Early Neolithic Cemetery Populations at Lokomotiv and Shamanka II, Cis-Baikla, Siberia
- 2:00 Jennifer Laughton—Bite into This: Interproximal Wear Facets in Middle-Holocene Hunter-Gatherers
- 2:15 Karolina Werens, Rick Schulting, John Pouncett, Andrzej Weber and Christophe Snoeck—A Multi-isotope Approach to Hunter-Gatherer Mobility and Microregional Connectivity in Middle Holocene Cis-Baikal, Southern Siberia
- 2:30 Questions and Answers
- 2:45 Rick Schulting, Lucy Koster, Andrea Czermak, Gunita Zarina and Ilga Zagorska—Linking Life and Death at the Early–Mid-Holocene Hunter-Gatherer Cemetery of Zvejnieki, Latvia, Northern Europe
- 3:00 Angela Lieverse, Rick Schulting, Vladimir Bazaliiskii, Artur Kharinskii and Andrzej Weber—Hunter-Gatherer Violence in the Middle Holocene Baikal Region: A Probable Massacre at Shamanka II
- 3:15 Ruairidh Macleod, Rick Schulting, Angela Lieverse, Andrzej Weber and Eske Willerslev—Ancient Genomics of Hunter-Gatherers at Lake Baikal: Shamanka II Case Study
- 3:30 Yucheng Wang, Bianca De Sanctis, Ruairidh Macleod, Pavel Tarasov and Eske Willerslev—Sediment Environmental DNA (eDNA) Analysis of Lake Ochaul
- 3:45 Robert Bettinger—Discussant

[54] SYMPOSIUM ■ 2023 FRYXELL AWARD SYMPOSIUM: PAPERS IN HONOR OF TIMOTHY BEACH PART II

(Sponsored by the Fryxell Award Committee and the Geoarchaeology Specialty Group)

Room: B115

Time: 1:00 p.m.–4:15 p.m.

Chair: Will Pratt

Participants:

- 1:00 Samantha Krause, Tripti Bhattacharya, Sheryl Luzzadder-Beach and Timothy Beach—The Anthropogenic Wetlands of Northwestern Belize: Decades of Research and New Horizons for Study
- 1:15 Rolfe Mandel—Searching for the Early Archaeological Record in the Big Bend Region of Southwest Texas: A Lithostratigraphic Approach
- 1:30 Arlene Rosen, Jennifer Farquhar and Tserendagva Yadmaa—Continuity and Change on the Gobi Frontier: Geoarchaeology of Human Adaptations to Desertification in Southern Mongolia

- 1:45 Leila Character, Timothy Beach, Takeshi Inomata, Thomas Garrison and Sheryl Luzzadder-Beach—Broadscale Machine Learning Model for Archaeological Feature Detection in the Maya Area
- 2:00 Lara Sánchez-Morales and Timothy Beach—Revisiting the Laguna Tortuguero Paleoenvironmental Record in Puerto Rico: New Data for an Old Record
- 2:15 Byron Smith, Lara Sánchez-Morales, Samantha Krause, Timothy Beach and Sheryl Luzzadder-Beach—Buried Soils and Human-Environment Interactions within the Three Rivers Region of Northwest Belize
- 2:30 Will Pratt, David Brown, Steve Athens and Ryan Hechler—A Thousand Years of Wetland Management at Hacienda Zuleta in the Ecuadorian Andes
- 2:45 Sara Eshleman, Juan Carlos Fernandez Diaz and Ben Snider—Exploring the Effect of Ancient Landscape Modifications on Current Vegetation Structure in the Rio Bravo Conservation Area, Belize
- 3:00 Jonathan Flood, Timothy Beach, Sheryl Luzzadder-Beach and Alex Walthall—Morgantina’s Lost Port: Geoarchaeological Insights into the Paleohydrology of Central Sicily
- 3:15 Colin Doyle, Timothy Beach and Sheryl Luzzadder-Beach—Reconstructing the Ancient Maya Wetland Fields of the Central Rio Bravo, Belize
- 3:30 Mark Brenner—Drought and Cultural Instability
- 3:45 Carlos Cordova, Guillermo Acosta-Ochoa, Luis Morett-Alatorre, Kurt Wogau and Tamara Cruz y Cruz—Exploring Long-Term Environmental Dynamics and Human Transformation of Aquatic Spaces in Lake Texcoco, Mexico
- 4:00 Gregory Knapp—Discussant

[55] SYMPOSIUM ■ MUTUALLY BENEFICIAL: TECHNOLOGIES IN ARCHAEOLOGICAL APPLICATION AND ARCHAEOLOGIES IN TECHNOLOGICAL APPLICATION PART I

Room: B114

Time: 1:00 p.m.–4:15 p.m.

Chair: Luke Stroth

Participants:

- 1:00 Luke Stroth—3D Models of Small Artifacts: A Visual Workflow of the Structure-from-Motion Photography of Pottery Sherds and Vessels
- 1:15 Sara Zaia—The Land of Fantastic Treasures and How to Get There: Modeling Routes to Punt
- 1:30 Ruth Musser-Lopez—Hot Spots of Cobblestone Tool Reduction Incidents and Potential Chronological Staging of the Technology along California’s Lower Colorado River Shorelines
- 1:45 Hannah Vizcarra, Amanda Zetz, Marisol Cortes-Rincon, Raylene Borrego and Kristen Harrison—3D Visualization of Cultural and Archaeological Features in the Dos Hombres to Gran Cacao Archaeology Project

- 2:00 Stefanie Wai and Christopher Wai—Defensive or Ritual Networks? A Preliminary Geospatial Analysis of Cerro Prieto Espinal in the Jequetepeque Valley, Peru
- 2:15 Jesse Casana, Madeleine McLeester, Nathaniel Kitchel, Jonathan Alperstein and Carolin Ferwerda—Archaeological Remote Sensing at Damariscove Island and Colonial Pemaquid, Coastal Maine
- 2:30 J. Christopher Gillam, Nicolas Zwyns, Masami Izuho, Byambaa Gunchinsuren and Brent Woodfill—Falconing the Paleolithic: High-Resolution Aerial Mapping of Northern Mongolian Upper Paleolithic Sites and Landscapes
- 2:45 James Zimmer-Dauphinee, Steven Wernke, Parker VanValkenburgh and Grecia Roque—Trans-regional Agricultural Deintensification: An AI-Assisted Survey of Agricultural Infrastructure in the South-Central Andes
- 3:00 Charles Rainville—How a Lake Okeechobee Basin Archaeological Complex Is Preserved through Wetland Restoration
- 3:15 Justin Walsh, Alice Gorman, Shawn Graham and Chantal Brousseau—Archaeology in Outer Space: The Sampling Quadrangle Assemblages Research Experiment (SQuARE) on the International Space Station
- 3:30 Corey Hoover—Land-Use Change and Its Impact on Archaeological Sites in the Nepeña Valley, Peru
- 3:45 Gregory Burns—Reconsidering the Ideal Despotic Distribution on Agricultural Frontiers
- 4:00 Daniela Klokler, Bruno Silva and Beatriz Trindade—Archaeogaming and Shell Mounds

[56] SYMPOSIUM ■ PLEISTOCENE LANDSCAPES AND HOMININ BEHAVIOR IN THE ARMENIAN HIGHLANDS

Room: C120 & C121

Time: 1:00 p.m.—4:30 p.m.

Chairs: Jayson Gill and Tanner Kovach

Participants:

- 1:00 Yannick Raczynski-Henk—Early Steps into the Paleolithic Research of the Armenian Highlands
- 1:15 Jenni Sherriff, Boris Gasparyan, Katie Preece, Mark Sier and Keith Wilkinson—Early Pleistocene Hominin Expansion and Landscape Evolution in the Armenian Highlands
- 1:30 Daniel Adler, Keith Wilkinson, Jenni Sherriff, Mark Sier and Boris Gasparyan—The Early–Middle Pleistocene Settlement of Northern Armenia
- 1:45 Hayk Haydosyan, Artur Petrosyan, Dimitri Arakelyan, Phil Glauberman and Boris Gasparyan—The Paleolithic Archaeology of Shirak Province (Armenia)
- 2:00 Boris Gasparyan, Keith Wilkinson, Ellery Frahm, Jenni Sherriff and Daniel Adler—Nor Geghi-I and the Process of Late Middle Pleistocene Technological Evolution in the Armenia Highlands

- 2:15 Phil Glauberman and Boris Gasparyan—Middle Paleolithic Land Use and Behavior in the Armenian Highlands: A Preliminary Synthesis
- 2:30 Jayson Gill, Daniel Adler, Jenni Sherriff, Keith Wilkinson and Hayk Haydosyan—Ptghavan-4: A Middle Paleolithic Open-Air Site in the Debed River Gorge, Armenia
- 2:45 Tanner Kovach, Yannick Raczynski-Henk, Ellery Frahm, Artur Petrosyan and Daniel Adler—Organization of Technology at Solak-I, an Upper Paleolithic Open-Air Site in the Armenian Highlands
- 3:00 Andrew Kandel, Boris Gasparyan, Angela Bruch, Anneke ter Schure and Sanne Boessenkool—Sedimentary Ancient DNA Metabarcoding for the Recognition of Human Plant Use at Aghitu-3 Cave, Armenia
- 3:15 Sebastien Joannin and Amy Cromartie—Quaternary Vegetation and Climate in the Lesser Caucasus, an Update
- 3:30 Johan Jarl and Angela Bruch—Phytolith Assemblages as a Proxy for Paleoenvironmental Reconstruction in the Southern Caucasus
- 3:45 Charles Egeland—Discussant
- 4:00 Nicholas Conard—Discussant
- 4:15 Questions and Answers

[57] SYMPOSIUM ■ UNSETTLING INFRASTRUCTURE: THEORIZING INFRASTRUCTURE AND BIOPOLITICAL ECOLOGIES IN A MORE-THAN-HUMAN WORLD

Room: A108 & A109

Time: 1:00 p.m.–4:30 p.m.

Chairs: Zev Cossin and Amanda Butler

Participants:

- 1:00 Jeannie Larmon—Environmental Justice and the Water Temple at Cara Blanca, Belize
- 1:15 Amanda Butler—Unsettling Infrastructure: The Feral Qualities of Water in an Archaeological Tale of Railroads and Pipelines
- 1:30 Paul Sando—Fadeaway Environments and How Infrastructure Change Creates Ghost Towns and Societal Remnants
- 1:45 Michael Betsinger—“On the Road to Moorhead”: Contextualizing the Infrastructure of Transient Workers and Moorhead Saloons along the Minnesota and North Dakota Border
- 2:00 Samuel Connell, Chad Gifford and Daniel Cearley—Castle Ballintober, Roscommon, Ireland: Nothing but Tractors and Cows
- 2:15 Zev Cossin—Unsettling Infrastructures that Settle: From the Andean Hacienda to a Minnesota Railway
- 2:30 Questions and Answers
- 2:45 Scotti Norman—Ideological Infrastructures and Biopolitical Ecology: Investigating Colonial-Era Entanglements of New Food and Religious Systems (Sixteenth Century, Ayacucho, Peru)

- 3:00 Daniela Balanzategui, Barbarita Lara and Genesis Delgado—Geographies of Black Cimarronaje in the Northern Andes of Ecuador
- 3:15 Jorge Flores—Salt-Making at Santa Catalinas de Salinas: Ecological Stress in the Northern Ecuadorian Highlands from the Eighteenth to the Twentieth Century
- 3:30 Fernando Astudillo and Paúl Rosero—Digital Archaeology and Virtual Reality Models of the Penal Colonies in the Galápagos Islands (1860–1959)
- 3:45 Justin Mohammadi, Stefan Woehlke and Olivia Meoni—The Role of Infrastructures in the Production of Multigenerational Inequality in a Historic Black Community: The Case of North Brentwood, Maryland
- 4:00 Matthew Palus—Washington’s Board of Public Works and the Burial of Black Georgetown
- 4:15 Daniel Sayers—Discussant

[58] SYMPOSIUM ■ THE MOVEMENT OF PEOPLE AND IDEAS IN EASTERN MESOAMERICA DURING THE NINTH AND TENTH CENTURIES CE: A MULTIDISCIPLINARY APPROACH PART II

Room: B116

Time: 1:00 p.m.–4:30 p.m.

Chair: Simon Martin

Participants:

- 1:00 Claudia Brittenham—The Art of Interconnection: Chichen Itza and the Gulf Coast
- 1:15 Virginia Miller—Reexamining the Chacmool, One More Time
- 1:30 Allan Ortega and Vera Tiesler—Comparing Demographic Shifts versus Permanence across the Maya Lowlands: A Multiproxy Approach to the Centuries Surrounding the “Maya Collapse”
- 1:45 Hemmamuthé Goudiaby and Jaqueline García Basto—Dusk and Dawn: Change and Continuity in Funerary Programs in the Maya Lowlands during the Ninth and Tenth Centuries CE
- 2:00 Raúl López and Gloria Hernández—Reappraising Mobility during the Ninth and Tenth Centuries CE among Lowland Maya Populations: A Bioarchaeological and Isotopic Approach
- 2:15 Chloé Andrieu and Charlotte Arnaud—Looking at the Blind Spot of the Maya Collapse: Highlands Occupation during the Ninth and Tenth Centuries
- 2:30 Jakob Sedig, Esther Brielle, Roslyn Curry, David Reich and Vera Tiesler—Examining the Maya Collapse through Ancient DNA
- 2:45 William Fowler—The Toltec Diaspora as Political Action
- 3:00 Vera Tiesler—In the Wake of Collapse: Eastern Mesoamerican Body Modifications and Identities during the Ninth and Tenth Centuries CE
- 3:15 Nelda Issa Marengo Camacho, Judith Ruiz and Carlos Serrano Sánchez—Alimento para las deidades: Nuevas prácticas sacrificiales y post sacrificiales en los centros mesoamericanos del Epiclásico y Posclásico inicial

- 3:30 Questions and Answers
 3:45 Christopher Beekman—Discussant
 4:00 Andrew Scherer—Discussant
 4:15 Mary Miller—Discussant

[59] SYMPOSIUM ■ ANDEAN AND AMAZONIAN CERAMICS: ADVANCES IN TECHNOLOGICAL STUDIES

Room: A103 & A104

Time: 1:00 p.m.—4:30 p.m.

Chairs: Alicia Espinosa and Isabelle Druc

Participants:

- 1:00 Isabelle Druc—Introduction to the Session with a Review of Past Ceramic Technological Studies in the Andes and the Amazon
- 1:15 Francisco Pugliese, Thiago Kater, Marcony Alves, Kelly Brandão and Eduardo Neves—The Origin of the Amazonian Ceramic Diversity Seen from the Monte Castelo Shell Mound
- 1:30 Thiago Kater, Silvana Zuse, Fernando Ozorio de Almeida, Richard Burger and Eduardo Góes Neves—Petrographic and Technological Analysis of Ancient Polychrome Ceramics from Upper Madeira River, Amazonia
- 1:45 Marcony Alves—Precolonial Ceramic Tradition and Cariban Language Family in Amazonia: Do They Match?
- 2:00 Natalia Lozada Mendieta—Reconstructing Technological Traditions and Interaction in the Precolonial Middle Orinoco: Ceramics in Mono- and Multiethnic Communities in the Amazon Basin (AD 1000–1500)
- 2:15 Tamara Bray and Catherine Lara—Exploring Interethnic Relations in Southern Ecuador through a Comparative Study of Ceramic Production Technologies in the Late Precolumbian Era
- 2:30 Gabriel Prieto—Preliminary Results of an Integrated Approach for the Study of Ceramic Vessels of Fishing Communities in Prehispanic Huanchaco, North Coast of Peru
- 2:45 Alicia Espinosa—Castillo Decorated Ceramics as Boundary Objects: A Reappraisal of the Tradición Norcosteña from Ceramic Technology (North Coast of Peru, Early Intermediate Period)
- 3:00 Carla Jaimes Betancourt—Surviving Traditions: Pottery with Freshwater Tree Sponge Spicules (Cauixi) in the Great Tectonic Lakes of Exaltation of the Llanos de Moxos, Bolivia
- 3:15 Ester Echenique and Florencia Avila—Constructing Technical Identity among Past and Present Potters' Communities in the Talina Valley, Southern Bolivia
- 3:30 Andrea Martínez-Carrasco, Patrick Quinn, Bill Silla and Silvia Amicone—State Control of Production and Distribution of Inka-Style Pottery in the Southern Border of Tawantinsuyu (Inka State)
- 3:45 Mauricio Uribe, Camila Riera-Soto, Javiera Gajardo and Mariela Torres—Advances in Technological Studies of Northern Chile Ceramics:

Petrography and Geochemistry of Fabrics and Paintings (Iluga Túmulos, Tarapacá)

4:00 Brenda Bowser—Discussant

4:15 Maria Masucci—Discussant

[60] SYMPOSIUM ■ ESSENTIAL CONTRIBUTIONS FROM AFRICAN TO GLOBAL ARCHAEOLOGY

Room: C125 & C126

Time: 1:00 p.m.—4:45 p.m.

Chairs: Stephen Dueppen, Akin Ogundiran and Willeke Wendrich

Participants:

1:00 Willeke Wendrich—Essential Contributions from African to Global Archaeology: Introduction

1:15 Akin Ogundiran—Women in the Nexus of State Power in the Oyo Empire

1:30 Barbara Mills, Sarah Herr and Matt Peeples—Reimagining the African Internal Frontier Model: Implications from the Puebloan Southwest

1:45 Olanrewaju Lasisi—Indigenous Hermeneutics and the Contribution of Africa to Skyscape Archaeology

2:00 Zoë Crossland—The Signs of the Dead: Theorizing Ancestrality via Semiotics

2:15 Lisa Lucero—African Archaeology and the Ancestral Maya World

2:30 Stephen Dueppen—Ancestor Shrines, Diversity, and Distributed Power in West Africa: Understanding the Strength of Flexibility and Cooperation in Sociopolitical Histories

2:45 Abidemi Babalola—The Stimuli of Technological Inventions

3:00 Victoria Olajide—Human Agency and Theory in West Africa: Understanding Early Forest Agriculture Dynamics during the Neolithic

3:15 Helina Woldekiros and A. Catherine D’Andrea—Archaeological and Biometric Perspectives on the Diversity and Origin of African Chickens

3:30 Peter Schmidt—North American Provincialism and Outdated Archaeological Curricula: The Bane of Global Archaeology

3:45 Justin Jennings—Out of Africa, or How Earlier Forms of African Governance Can Save the World

4:00 Lane Fargher—Discussant

4:15 Kristina Douglass—Discussant

4:30 Questions and Answers

[61] SYMPOSIUM ■ DEDICATION, COLLABORATION, AND VISION PART II: PAPERS IN HONOR OF TOM D. DILLEHAY

Room: C124

Time: 1:00 p.m.—4:45 p.m.

Chair: Rebecca Bria

Participants:

- 1:00 Calogero Santoro, Paula Ugalde, Daniela Osorio and Katherine Herrera—The Long-Term Trajectory of Tom Dalton Dillehay in Chile
- 1:15 Gustavo Politis—The Peopling of Southern Cone: A View from the Other Side of the Andes
- 1:30 Silvia Gonzalez and Samuel Rennie—Paleoindians from Mexico: What Do They Tell Us about the Early Peopling of the Americas?
- 1:45 Dolores Piperno—Tom Dillehay's Contributions to Agricultural Origins and Development
- 2:00 Augusto Oyuela-Caycedo—The Ahistorical Shell Middens at the Northern Tip of South America
- 2:15 Carla Hernández Garavito and Peter Kaulicke—Some Remarks on Early Social Complexity in the Central Andes
- 2:30 Patricia Netherly—Recovering Social and Political Structures on the Precolumbian North Coast of Peru
- 2:45 Ramiro Matos, Jose Alejandro Beltran-Caballero and Ricardo Mar—Architecture and Urban Planning of Inka Cusco
- 3:00 Rebecca Bria—Discussant
- 3:15 J. M. Adovasio—Discussant
- 3:30 Alan Kolata—Discussant
- 3:45 Kenneth Hirth—Discussant
- 4:00 Norman Yoffee—Discussant
- 4:15 Tom Dillehay—Discussant
- 4:30 Questions and Answers

[62] SYMPOSIUM ■ FUTURE DIRECTIONS FOR ARCHAEOLOGY AND HERITAGE RESEARCH IN THE WILLAMETTE VALLEY, OREGON

Room: A105

Time: 1:00 p.m.–5:00 p.m.

Chairs: Shelby Anderson, Molly Casperson and Jaime Kennedy

Participants:

- 1:00 Molly Casperson—A Flood of Support: Collaborative Cultural Resources Management at the Willamette Valley Project, US Army Corps of Engineers
- 1:15 Mackenzie Keith, Maxwell Schwid, Laurel Stratton Garvin, Molly Casperson and Rose Wallick—Geomorphic Framework Development for Willamette Valley Reservoirs to Support Cultural Resources Management
- 1:30 JD Lancaster, Teresa Wriston, Molly Casperson, Loren Davis and Jillian Maloney—Geoarchaeological Investigations in the Upper Willamette Valley and Western Cascade Mountains, Oregon
- 1:45 Briece Edwards, Greg Archuleta, Chris Rempel and Cheryl Pouley—It's All About Context: How Culturally Informed Landscape Understandings Expand Knowledge of Archaeological Site Interpretation
- 2:00 James Fitty, Jillian Maloney, Molly Casperson, Teresa Wriston and

- Shannon Klotsko—High-Resolution Geophysical Characterization of Geology and Acoustic Water Column Signatures in Willamette Valley Reservoirs, Oregon, USA
- 2:15 Tia Cody and Shelby Anderson—Lidar Predictive Modeling of Kalapuya Mound Sites in the Calapooia Watershed, Oregon
- 2:30 Bob Reinhardt—Finding Old Detroit: Recovering and Interpreting the Histories of Communities Displaced by River Development Projects
- 2:45 David Lewis—Researching Traditional Environments of the Kalapuyans
- 3:00 Michael Coughlan, Kelly Derr, James Johnston, David Lewis and Bart Johnson—Precontact Indigenous Fire Stewardship: From the Valley to the Forest
- 3:15 Michael Lewis and Yoli Ngandali—Does That Belong in a Museum? Conceptualizing Western Oregon Stone Bowls as Potential Funerary Objects
- 3:30 Yoli Ngandali and Michael Lewis—Digital Approaches to Willamette Valley Ground Stone Bowls
- 3:45 Paul Baxter—Cascadia Cave, the Excavations
- 4:00 Andrew Boehm, Chris Widga and Daniel Gilmour—Updating the Late Pleistocene Record of the Willamette Valley, Oregon
- 4:15 Tom Connolly—Discussant
- 4:30 David Lewis—Discussant
- 4:45 Virginia Butler—Discussant

COMMITTEE ON NATIVE AMERICAN RELATIONS MEETING

Room: Willamette 3, Hyatt Regency

Time: 1:30 p.m.–3:00 p.m.

FUNDRAISING COMMITTEE MEETING

Room: Holladay Boardroom A, Oregon Convention Center

Time: 2:00 p.m.–3:00 p.m.

[63] SYMPOSIUM ■ NOT-SO-ODD BEDFELLOWS: CLIMATE CHANGE AND ARCHAEOLOGY

Room: C123

Time: 2:30 p.m.–5:00 p.m.

Chair: Peri Johnson

Participants:

- 2:30 Kelsey Pennanen, Peter Dawson and Christian Thomas—Aerial Mapping Approaches for Long-Term Monitoring of Heritage Landscapes Impacted by Climate Change
- 2:45 R.G. Matson—Leaving Knowledge Behind: A Feasible Role for Archaeology in the Age of Climate Warming?
- 3:00 Christine Halling, Ryan Seidemann and Frank Willis—Tracking the Dead:

- Archaeological, GIS, and Geomorphological Approaches to Recovering Caskets and Human Remains after Hurricane Ida
- 3:15 Peri Johnson and Ömür Harmansah—When It Rains Now, It Is a Disaster: Heritage Landscapes during Climate Change
- 3:30 Adrian Espinosa-Valdor—City of Miami's Historic Preservation Challenges: Sea-Level Rise and Coastal Real Estate Trends
- 3:45 Matthew Howland—Modeling the Impact of Anthropogenic Sea-Level Rise and Storm Surge on Coastal Archaeological Sites
- 4:00 Jeremy McFarland—A Chronological Multisite Analysis of Shellfish Gathering Strategies in the King Range National Conservation Area, Northwest California
- 4:15 Youri Van Den Hurk, Sean Desjardins, Emily Ruiz Puerta, Anne Karin Hufthammer and James Barrett—Diverging Harvesting Strategies of Atlantic Walruses: An Intercontinental Comparison
- 4:30 Elizabeth Scharf—Statistical Comparison of Vegetation Trends from Pollen Records in the US Southeast
- 4:45 Benjamin Vining, Daniel Cont and Augusto Bazan—Beyond Coarse Correlations: Climate, Chronology, and Culture in Chicama, Peru

PREHISTORIC QUARRY AND EARLY MINES INTEREST GROUP MEETING

Room: Willamette 4, Hyatt Regency

Time: 3:00 p.m.–4:30 p.m.

ETHICS BOWL

Room: Ballroom 201, Oregon Convention Center

Time: 3:00 p.m.–5:00 p.m.

[64] SYMPOSIUM ■ IN FLUX: SETTLEMENT PATTERN STUDIES IN ARCHAEOLOGY PART I

Room: Ballroom 202

Time: 3:15 p.m.–5:00 p.m.

Chair: Anthony Krus

Participants:

- 3:15 Daniel Busch and Nick Angeloff—Linguistic Prehistory and Migration in Northwest California in Light of Recent Paleoindian Evidence
- 3:30 Xanti Ceballos Pesina—The Distribution of Early Ceremonial Complexes beyond the Maya and Olmec Areas Examined through the Analysis of Low-Resolution Lidar Data
- 3:45 Anthony Krus, Edmond Boudreaux III, Charles Cobb and Brad Lieb—Big Data for Late Mississippian Depopulation: A View of Vacant Quarter Chronologies from the Canadian Archaeological Radiocarbon Database

- 4:00 Jean-Baptiste Le Moine, Christina Halperin, Jose Luis Garrido Lopez and Ryan Mongelluzzo—K'anwitznal: Six Years of Cartography at the Site of Ucanal, Guatemala
- 4:15 Erica Bradley, Geoffrey Smith and Kenneth Nussear—Using Predictive Modeling to Evaluate Changes in Great Basin Paleoindian Settlement Systems through Time
- 4:30 Dominic Pollard—Peaks Above, Plains Below: The Deeper Context of Settlement Patterning in Late Bronze Age and Early Iron Age Crete
- 4:45 G. Van Kollias—Reorienting Frontiers and Borderlands: Recent Research on the Usumacinta River

[65] SYMPOSIUM ■ EDUCATION, ETHICS, AND ENDLESS SHELVES: STUDIES IN ARCHAEOLOGICAL COLLECTIONS, CURATION, AND MUSEUMS PART I

Room: Ballroom 204

Time: 3:15 p.m.–5:00 p.m.

Chair: Kathryn MacFarland

Participants:

- 3:15 Tiziana Gallo and Craig Cipolla—Challenging Birdstone Typologies: A Southern Ontario Legacy Collection Revisited
- 3:30 Ian Taylor—Victorian Values: North American Archaeology at the British Museum during the Nineteenth Century
- 3:45 Kathryn MacFarland and Katherine Dungan—This Is the Way: Moving toward Best Practices in Collection and Data Submission to Archaeological Repositories
- 4:00 Gelenia Trinidad-Rivera—Interweaved Stories of Resistance: A 1985 Ethnographic Collection in Puerto Rico
- 4:15 Adrienne Lazizzera and Matthew Nowakowski—Sustainable Curation for Federal Land Managers
- 4:30 Mario Martínez Lara—Las bodegas de Cacaxtla, Tlaxcala, México, un proceso de conservación y catalogación arqueológica
- 4:45 Jamie Ross and Catherine Jalbert—Reviving Collections “At Rest”: Examining Recent Efforts to Promote Collections Research at CFAR

[66] SYMPOSIUM ■ TRACKING POPULATIONS, RESOURCES, AND KNOWLEDGE ACROSS SPACE AND TIME PART I

Room: Ballroom 203

Time: 3:15 p.m.–5:00 p.m.

Chair: John Murray

Participants:

- 3:15 Peng Peng—On the Origins of Metalworking in China: Technology and Art
- 3:30 John Murray, Jacob Harris, Andrew Zipkin, Nicolas Hansen and Bailey Goodling—Silcrete Heat Treatment Technology during the MIS 5/4 Transition at Pinnacle Point 5-6 and Vleesbaai, South Africa

- 3:45 Vaclav Hrnčir—The Wooden Club: The Oldest Weapon or Myth?
 4:00 Ernesto Arredondo and Arthur Demarest—Semetabaj and Its Role in Commercial and Ideological Interaction in the Guatemalan Highlands and Beyond
 4:15 Alejandro Rey de Castro and Augusto Oyuela-Caycedo—San Jacinto and the Origins of Pottery Making in the Americas: A Technological Perspective
 4:30 Damon Mullen, Karl Reinhard, Alvaro Montenegro and John Hawdon—Prehistoric Hookworm and the Peopling of the Americas: Enhancing Theories Based on Paleoclimate Models and Pathogens
 4:45 Carl Wendt and Kenneth Peters—Olmec Asphalt Trade Revealed by Combined Biomarker and Chemometric Analysis

[67] SYMPOSIUM ■ POPULATIONS OF EARLY MEDIEVAL CHINA: DEVELOPING ANTHROPOLOGICAL APPROACHES TO HISTORICAL ARCHAEOLOGY IN CHINA

Room: A107

Time: 3:45 p.m.–5:00 p.m.

Chair: Francesca Monteith

Participants:

- 3:45 Liya Tang, Hui Zhou and Zhiyou Wang—Agricultural Practices of the Qin People from the Warring States Period to the Qin Dynasty: A Case from the Matengkong Site in Guanzhong Basin, China
 4:00 Marcella Festa—Preliminary Faunal Analysis of Yishengci, Nanyang, Henan Province
 4:15 Francesca Monteith, Chun Yu and Gaomin Qin—Searching for Cities: Problems and Solution in Tracing Han Dynasty Settlements in Nanyang and Ankang, China
 4:30 Yusheng Li—Review on Archaeological Studies of Sogdian Tombs in China
 4:45 Chun Yu—Regionalization of Chinese Buddhist Carving in the Fifth through Seventh Centuries: Localization of Practice in the Place and Face of the Buddha

[68] SYMPOSIUM ■ ARCHAEOLOGICAL STUDIES OF HUMAN-ENVIRONMENT RELATIONSHIPS PART I

Room: B111

Time: 3:45 p.m.–5:00 p.m.

Chair: Ian Beggen

Participants:

- 3:45 Alexandria Mitchem—Historical Ecologies of Botanical Gardens: Archaeobotany at Bartram's Garden (Philadelphia, PA)
 4:00 Sean Hixon, Alejandra Domic, Kristina Douglass, Patrick Roberts and Douglas Kennett—Cut-Marked Bone of Drought-Tolerant Extinct

- Mega fauna Deposited with Traces of Fire, Human Foraging, and Introduced Animals in SW Madagascar
- 4:15 Ian Beggen—Preliminary Investigations of Mobile Forager Landscape Learning Processes in Central Western Patagonia, Chile
- 4:30 Yiyi Tang, John Marston and Xiangming Fang—Early Millet Cultivation, Subsistence Diversity, and Wild Plant Use at Neolithic Anle, Lower Yangtze of China
- 4:45 James Daniels, Hector Neff and Heather Thakar—Reaping the Rewards of Incipient Agriculture from the Land to the Sea and the Mangroves In Between

STUDENT DIVERSITY NETWORKING PROGRAM COFFEE AND CONVERSATION HOUR

Room: Willamette 7, Hyatt Regency

Time: 4:00 p.m.–5:00 p.m.

INTEREST GROUP FAIR

Room: Exhibit Hall A, Oregon Convention Center

Time: 4:00 p.m.–6:00 p.m.

POSTERS AFTER HOURS

Room: Exhibit Hall A, Oregon Convention Center

Time: 4:00 p.m.–6:00 p.m.

SAA PRESS ASSOCIATE EDITORS MEETING

Room: Deschutes A & B, Hyatt Regency

Time: 4:00 p.m.–6:00 p.m.

INVESTMENT AND FINANCE COMMITTEE MEETING

Room: Deschutes A & B, Hyatt Regency

Time: 4:00 p.m.–6:00 p.m.

ARCHIVE COMMITTEE MEETING

Room: Deschutes A & B, Hyatt Regency

Time: 4:00 p.m.–6:00 p.m.

COMMITTEE ON THE AMERICAS MEETING

Room: Deschutes A & B, Hyatt Regency

Time: 4:00 p.m.–6:00 p.m.

COMMITTEE ON THE STATUS OF WOMEN IN ARCHAEOLOGY MEETING

Room: Deschutes A & B, Hyatt Regency

Time: 4:00 p.m.–6:00 p.m.

BYLAWS COMMITTEE MEETING

Room: Deschutes A & B, Hyatt Regency

Time: 4:00 p.m.–6:00 p.m.

PUBLIC EDUCATION COMMITTEE MEETING

Room: Deschutes A & B, Hyatt Regency

Time: 4:00 p.m.–6:00 p.m.

COMMITTEE ON CURRICULUM MEETING

Room: Deschutes A & B, Hyatt Regency

Time: 4:00 p.m.–6:00 p.m.

SAA ETHICS COMMITTEE MEETING

Room: Deschutes A & B, Hyatt Regency

Time: 4:00 p.m.–6:00 p.m.

MINORITY SCHOLARSHIPS COMMITTEE MEETING

Room: Deschutes A & B, Hyatt Regency

Time: 4:00 p.m.–6:00 p.m.

**ANNUAL BUSINESS MEETING OF THE AWARDS FOR EXCELLENCE IN
CURATION, COLLECTIONS MANAGEMENT, AND COLLECTIONS-BASED
RESEARCH AND EDUCATION**

Room: Deschutes A & B, Hyatt Regency

Time: 4:00 p.m.–6:00 p.m.

MATTHEW TOBIN CAPPETTA SCHOLARSHIP COMMITTEE MEETING

Room: Deschutes A & B, Hyatt Regency

Time: 4:00 p.m.–6:00 p.m.

REPATRIATION INTEREST GROUP MEETING

Room: Deschutes A & B, Hyatt Regency

Time: 4:00 p.m.–6:00 p.m.

CRABTREE AWARD COMMITTEE MEETING

Room: Deschutes A & B, Hyatt Regency

Time: 4:00 p.m.–6:00 p.m.

HISTORY OF ARCHAEOLOGY INTEREST GROUP MEETING

Room: Deschutes A & B, Hyatt Regency

Time: 4:00 p.m.–6:00 p.m.

MEETING ACCESS GRANTS COMMITTEE MEETING

Room: Deschutes A & B, Hyatt Regency

Time: 4:00 p.m.–6:00 p.m.

GOVERNMENT AFFAIRS COMMITTEE MEETING**Room:** Deschutes A & B, Hyatt Regency**Time:** 4:00 p.m.–6:00 p.m.**NATIVE AMERICAN SCHOLARSHIPS COMMITTEE MEETING****Room:** Deschutes A & B, Hyatt Regency**Time:** 4:00 p.m.–6:00 p.m.**[69] POSTER SESSION ■ DIGITAL ARCHAEOLOGY IN 3D:
PHOTOGRAMMETRY AND OTHER 3D MODELING TECHNIQUES****Room:** Exhibit Hall A**Time:** 4:00 p.m.–6:00 p.m.**Participants:**

- 69-a John High and Jesse Casana—Importance of U-2 Aerial Imagery of Iron Age Cities in the Middle East
- 69-b Patrick Mullins, Brendon Murray, William Feltz, Matthew Ballance and Brian Billman—Integrating Aerial Kite and Drone Imagery into the Moche Valley Settlement Database (MVSD)
- 69-c Justin Garnett—3D Printing for Lithic Artifact Replication: Assessing Affordable Options
- 69-d Rosa María Varillas—Preliminary Survey of Puerto Inka
- 69-e Esteban Rangel and Susan Kuzminsky—Exploring Cranial Vault Modification in the Andes Using 3D Imaging Methods
- 69-f Michael Graves, Katherine Peck, Jesse Casana, Carolin Ferwerda and Jonathan Alperstein—High-Precision Photogrammetry Mapping of the South Kohala Agricultural Field System, Hawai'i Island
- 69-g Ted Parsons—Recent Developments in Small and Low-Cost 3D Scanning Systems
- 69-h Sara Borsodi, Lydia Luncz, David Braun and Jonathan Reeves—Inferring Behavior from Damage Patterns: Bipolar Knapping and Nutcracking
- 69-i Donald Gaylord—Spatial Sampling and Interpretation of Building Sites at Liberty Hall
- 69-j Jessica Ratcliffe—Demarcating Space and Creating Place: Examining the Processes for Creating Sacred Landscapes by the Ancient Maya of Western Belize
- 69-k Dustin Hawks, Briecce Edwards, Jeremy Johnson and Michael Lewis—Technology Compilation in View
- 69-l Leszek Pawłowicz—Methods for High-Resolution Visualization of 3D Surfaces
- 69-m Thomas Landvatter and Brandon Olson—Investigating Imperialism on Early Hellenistic Cyprus: Excavations at Pyla-Vigla, 2019 and 2022

[70] POSTER SESSION ■ FRIENDS NOT FOOD: HUMAN AND ANIMAL INTERACTIONS BEYOND HUMAN DIET PART I

Room: Exhibit Hall A

Time: 4:00 p.m.–6:00 p.m.

Participants:

- 70-a Blake Georgoules—A Faunal Analysis of 10 Years of Excavation of the Rancho Penasquitos Adobe Site: SDI-5220/SDI-8125H
- 70-b Hailin Liu, Xin Yu and Chunxue Wang—A Study on the Animal Remains Unearthed from the Jirentaigoukou Site in Nilka, Xinjiang, China
- 70-c McKenna Waite and Suzanne Pilaar Birch—Stable Isotope Signatures in Modern Elk Teeth and Their Relevance for Paleoclimate Reconstruction
- 70-d Kimberly Sheets—A Contextual Analysis of the Homol’ovi I Fauna
- 70-e Ruoyu Zhu, Sarah Kennedy, Arturo Rivera I. and Sarah Baitzel—Camelid Variation and Subsistence Diversity: Insights from Osteometric Analysis and Zooarchaeological Assemblages at the Eleventh-Century CE Site of Los Batanes (Sama, Peru)
- 70-f Michelle LeFebvre, Virginia Harvey, Susan deFrance, Christina Giovas and Michael Buckley—Collagen Fingerprinting (ZooMS) and Caribbean Archaeological Fish Assemblages: Methodological Implications for Historical Fisheries Baselines and Conservation Applications
- 70-g Milena Guzman Garcia, Sintia Santisteban, Michelle Watanave and Aldo Watanave—Identifying Use and Consumption Patterns through a Quantitative, Qualitative, and Comparative Analysis of Mollusks at Huaca Menocucho, Moche Valley, Peru
- 70-h Marcela Demyan, Carey Garland, Brett Parbus and Victor Thompson—Comparing Late Archaic Oyster Paleobiology and Volumetric Data from Different Sites along the South Atlantic Coast of Georgia
- 70-i Victoria Greening, Ludovic Slimak, Jason Lewis and Svenya Drees—Fast Fashion? Pelt Procurement in the Late Pleistocene at le Grand Abri aux Puces, France
- 70-j Patrick Lubinski, Karisa Terry, James Feathers, Karl Lillquist and Patrick McCutcheon—Is the Wenas Creek Mammoth Site Anthropogenic?

[71] POSTER SESSION ■ FRIENDS NOT FOOD: HUMAN AND ANIMAL INTERACTIONS BEYOND HUMAN DIET PART II

Room: Exhibit Hall A

Time: 4:00 p.m.–6:00 p.m.

Participants:

- 71-a Sebastian Millien, Kristine Korzow Richter, Richard Meadow and Christina Warinner—ZooMSing to Harappan Animal Husbandry: Taxonomic Identification Using Peptide Mass Fingerprinting of Indus Valley Civilization Faunal Remains

- 71-b Seth Bruck, Todd Braje, Torben Rick, Emma Elliott Smith and Lain Graham—Zooarchaeological Investigations of a Cultural Keystone Place at Point Conception, Southern California
- 71-c Christopher Jazwa, Amira Ainis, Ryan Anderson, Karim Bulhusen Muñoz and Harumi Fujita—A Preliminary Chronology of Settlement and Subsistence Patterns in Cabo Pulmo National Park, Baja California Sur, Mexico
- 71-d Brooke Priest, Anna Coppola, Magen Hodapp and Chrissina Burke—Kind of a Pig Deal: The Taphonomic Effects of Chemically Enhanced Fertilizer on Adult Pig Bones
- 71-e Aleta Baxley, Rhododendron O'Boyle, Rachel Pinkman and Alexandra Ritter—Use of Faunal Analysis to Examine Seismic Disturbance at 45WH10 in Birch Bay, Washington
- 71-f Lauren Malone, Gerald Schroedl and Anneke Janzen—ZooMS Analysis of Sea Turtle Bone Disks from Brimstone Hill Fortress, St. Kitts, West Indies
- 71-g Donald Blakeslee—The Quivira Connections
- 71-h Steven Holen and Kathleen Holen—Human-Induced Percussion Technology: A Synthesis of Bone Modification as Archaeological Evidence
- 71-i Hope Loiselle, Logan Kistler, Michael McGowen, Mike Etnier and Ben Fitzhugh—Marine Mammal Hunting in the Kuril Islands: Zooarchaeological and Genetic Insights
- 71-j Chelsea Reedy—Food and Fortitude: A Story of Life within Presidio San Sabá as Told through Zooarchaeological Analysis
- 71-k Paul Pluta, Brittany Cummings, Jessica Whelpley, Megan LeBlanc and Gustav Paulay—Toward a Holistic Understanding of Marine Ecosystems in the South Central Andes: An Interdisciplinary Marine Invertebrate Biodiversity/Zooarchaeological Survey
- 71-l Melanie Cootsona—Mapping Bison: Oral Traditions from Picuris Pueblo, NM, on Bison Procurement

[72] POSTER SESSION ■ TO THE RESCUE ARCHAEOLOGY: CRM AND HERITAGE MANAGEMENT

Room: Exhibit Hall A

Time: 4:00 p.m.–6:00 p.m.

Participants:

- 72-a Mary Burdette—Native American Narratives in Museum Interpretation: Case Studies in Illinois
- 72-b Ali Livesay—"Glowing" Reviews: Results from the First UNM Field School at Los Alamos National Laboratory
- 72-c Jocelyn Palombo—The Battle of the Boxes: The Importance of Updating Previously Curated Collections to Expand Knowledge and Create Space
- 72-d Courtney Besaw—Small-Scale Agriculture and Localized Food Processing: Overview of a Post-Emancipation Communal Sugar (and Mango) Processing Platform on Providencia Island, Colombia

- 72-e Pamela Pascali, Kirsten Green Mink and Jaime Awe—Archaeo-tourism and Heritage Policies: What Works, What Doesn't, and How to Move Forward—Case Studies from Belize and the United States
- 72-f Summer Peltzer, Kaley Kelly, Ryan Arp and Christopher Schwartz—Ground Stone Analysis from West Phoenix Basin Hohokam Village Sites
- 72-g Leobardo Pacheco Arias—Management in the World Heritage Site Prehistoric Caves of Yagul and Mitla in Oaxaca, Mexico
- 72-h Jay Franklin, Lauren Franklin, Brian McKee, Andrew Lack and Mitchell Keur—Late Preclassic and Late Classic Period Archaeology in the Upper Reaches of Queen Creek, Superior, Arizona
- 72-i Emma Holm—Managing Multiple Heritages: A Case Study of the Ohanapecosh Area, Mount Rainier National Park
- 72-j Cheryl Pouley, Michael Lewis, Christopher Bailey, Briece Edwards and Greg Archuleta—Improving the D Average: Contextualizing Archaeological Assessments of Eligibility for the National Register of Historic Places
- 72-k Robert Sattler—Tanana Chiefs Conference: CRM in a Tribal Consortium, Interior Alaska
- 72-l Joseph Haefner, Steven Sarich and Benjamin Johnson—Preliminary Results of Metal Detector Survey at Fort Lancaster, Texas
- 72-m Phillip Daily and Virginia Butler—Incorporating Indigenous Views into Cultural Resource Risk Assessments: A Case Study from Sauvie Island, Oregon
- 72-n William Welsh and Hayden Bassett—The US Army's "Monuments Men and Women" in the Protection of Cultural Property during Natural Disaster

[73] POSTER SESSION ■ GIS AND SPATIAL ANALYSIS PART II

Room: Exhibit Hall A

Time: 4:00 p.m.–6:00 p.m.

Participants:

- 73-a Sophia Marques—The Late Intermediate Period and Late Horizon in Valle de Mairana, Bolivia
- 73-b Austin Schraub, Esequiel Ortiz, Amy Thompson, Manda Adam and Fred Valdez—A Geospatial Analysis of Indigenous Habitation Sites in Central Texas
- 73-c Hannah Lipps and Erik Otárola-Castillo—Looking for Lomas
- 73-d Lauren Kohut—Farming Landscapes under Stress: Modeling Access to Pastures and Fields in the Late Intermediate Period Colca Valley (1100–1450 CE, Arequipa, Peru)
- 73-e Matt Peeples, Robert Bischoff and Daniel Hruschka—The ArchaMap Data Integration Tool: A Case Study from the Roosevelt Dam Archaeological Projects, Arizona
- 73-f Hannah Haynes and J. Marla Toyne—Exploring the Mortuary Landscape at Kuelap, Peru, using Geographic Information Systems

- 73-g Erin Thornton, Daniel Thornton, Lucy Perera and Jacklyn Rumberger—Modeling of the Impacts and Sustainability of Ancient Maya Hunting: An Interdisciplinary Ecological and Archaeological Study
- 73-h Esequiel Ortiz, Austin Schraub and Manda Adam—GIS Analysis of Environmental Change during the Paleoindian Period in Central Texas
- 73-i Dean Blumenfeld—Mississippian Modes of Exchange: Documenting Shifting Networks and Distribution at Ancient Cahokia

[74] POSTER SESSION ■ NO NOT TINDER: DATING METHODS AND CHRONOLOGICAL MODELING

Room: Exhibit Hall A

Time: 4:00 p.m.–6:00 p.m.

Participants:

- 74-a Isaac Hart, Andrea Brunelle Runburg, Jennifer DeGraffenried, Daron Duke and D. Craig Young—A Multiproxy Approach to Refining a Sediment Core Chronology with Data from Multiple Sites in the Western Lake Bonneville Basin, USA
- 74-b Brett Parbus and Victor Thompson—Preliminary Data for Developing a Fine-Scale Model of Socioecological Change on Ossabaw Island, Georgia
- 74-c Emily Milton, Sarah Meinekat, Katherine Moore and Kurt Rademaker—New Investigations at Pachamachay and Panauluca Caves, Junin, Peru
- 74-d Paul Gerard, Mark Tveskov and Scott Fitzpatrick—Establishing a Chronology for the Fort Point Site (35CUI 1) along the Southern Oregon Coast
- 74-e Carla Hadden and Katharine Napora—Applications of Wiggle-Match Dating in North American Historical Archaeology
- 74-f Estevan Ramirez and Jaime Awe—The Origins of Sociopolitical Complexity in Western Belize: Investigating Preclassic Occupation in the Site Core of Xunantunich
- 74-g Emma Messinger, Gabriela Saldaña, Jorge Can, Natalie Bankuti-Summers and Jaime Awe—Terminal Classic Ritual Deposits and Reoccupation at Xunantunich, Belize
- 74-h Jacob Holland-Lulewicz, Raelynn Butler, Turner Hunt, Amanda Roberts Thompson and Victor Thompson—The Early Spread of Peaches (*Prunus persica*) across Spanish La Florida and their Importance for Modeling Archaeological Chronologies and Indigenous Networks
- 74-i Dakota Larrick, Christopher Baisan, Charlotte Pearson and Hugo García Ferrusca—Radiocarbon Wiggle-Matching on a Dendrochronologically Dated Timber Sample from Paquimé
- 74-j Kelli Wathen, Alex Morrison and Michelle Wienhold—Creating a Geospatial-Temporal Database for California's Central Coast
- 74-k Gavin Wisner and Tucker Austin—Applying Mean Thickness Measurements to Newly Recorded Cohonina Sites on the South Kaibab National Forest, Northern Arizona

[75] POSTER SESSION ■ GIS AND SPATIAL ANALYSIS PART I**Room:** Exhibit Hall A**Time:** 4:00 p.m.–6:00 p.m.**Participants:**

- 75-a Jose Vivero Miranda—The Spanish Conquest in the Petatlan, Sinaloa: Cultural Change and Social Reorganization
- 75-b Nils Landin—A Review of the Antiquity and Distribution of Intertidal Fishing Technology in Southeast Alaska and Future Research Inquiry
- 75-c Anthony Sinclair—The Development of Archaeology as an Interdisciplinary and Multidisciplinary Discipline 1960–2022
- 75-d Rachel Fernandez—Making Data Free, Immediate, and Having Equitable Access: How Federal and State Agencies Work to Meet OSTP Governance through Responsible Curation and Preservation
- 75-e Zachery Clow, Issac Ullah and Juliette Meling—GIS Publishing Trends in Archaeology: How GIS Has Been Used from 1994 to 2021
- 75-f Mariah Walzer—Using Historic Maps to Locate Trails and Understand Trail Building Practices on the Willamette National Forest, Detroit Ranger District
- 75-g Laurene Montero, Douglas Mitchell, Zachary Rothwell, Stephanie Sherwood and Steven Rascona—P-Map: Digitizing the village of Pueblo Grande
- 75-h Michelle Wienhold and Kelli Wathen—Digitizing, Automation, and Archaeology: Creating Efficient Workflows
- 75-i Jacob Johnson—Tracking Temporal and Behavioral Patterns through the Distribution of Material Culture at the Evergreen Plantation
- 75-j Madeleine Gunter-Bassett—Pastoralist Land Use and Mobility in the Horn of Africa: An Archaeological Predictive Model

[76] POSTER SYMPOSIUM ■ STABILITY AND RESILIENCE IN ZOOARCHAEOLOGY*(Sponsored by the Zooarchaeology Interest Group)***Room:** Exhibit Hall A**Time:** 4:00 p.m.–6:00 p.m.**Chairs:** Kara Larson and Jonathan Dombrosky**Participants:**

- 76-a Kristin Oliver, Camilla Speller and Jynifer Zhu—Using ZooMS to Evaluate Targeted Species Harvest of Pacific Salmon
- 76-b Alina Tichinin—A Multi-technique Approach to Investigating Reliance on Big Game Hunting in the Northwestern Great Basin
- 76-c Kimberly Swisher—Feasting and Social Integration: Connecting Faunal Use and Consumption from the Nuclear Core of a Mississippian Site (Singer-Moye 9SW2)
- 76-d Abigail Judkins, Caitlin Ainsworth and Emily Lena Jones—Data Quality and Zooarchaeological Interpretation: Investigating Stability in the Human-Animal Relationship at Pottery Mound Pueblo (LA 416)

- 76-e Jonathan Dombrosky—Ancestral Pueblo Fishing Associated with Mixed Foraging Goals and Environmental Stability in the Middle Rio Grande of New Mexico
- 76-f Cameron Munley and Michelle LeFebvre—A Zooarchaeological Meta-analysis of Ceramic Age Marine Fish Harvesting across the Caribbean Archipelago: Generating Baselines for Assessing “Stability”
- 76-g Andrew Colwell—Monkeys and the Maya: Zooarchaeological Analysis at Isla Civilituk, Campeche, Mexico
- 76-h Brett Meyer, Claire Ebert, Julie Hoggarth, John Walden and Jaime Awe—The Role of Diet Diversity and Breadth in the Maya “Collapse”
- 76-i Juliana Rubinatto Serrano—Ethnoarchaeology of Fisherpeople in the Lower Brazilian Amazon: Stability and Change of Riverine Practices
- 76-j Pam Crabtree—Continuities in Urban Provisioning in Early Medieval Ipswich
- 76-k Kara Larson—A Zooarchaeological Application of Adaptive Cycling and Risk Mitigation at Tell el-Hesi, Israel
- 76-l Anna Luurtsema, Kara Larson, Alicia Ventresca Miller and Henry Wright—An Isotopic and Proteomic Investigation of Uruk Period Faunal Remains from Tepe Farukhabad, Iran

Thursday Evening ■ March 30, 2023

WOMEN’S NETWORKING RECEPTION

Room: Deschutes C, Hyatt Regency

Time: 5:30 p.m.–7:00 p.m.

FIBER/PERISHABLES INTEREST GROUP MEETING

Room: Multnomah, Hyatt Regency

Time: 5:30 p.m.–7:00 p.m.

PEC NETWORK OF STATE & PROVINCIAL COORDINATORS BUSINESS MEETING

Room: B113, Oregon Convention Center

Time: 5:30 p.m.–7:00 p.m.

ROCK ART INTEREST GROUP MEETING

Room: B112, Oregon Convention Center

Time: 5:30 p.m.–7:00 p.m.

FINDINGS VERIFICATION COMMITTEE MEETING

Room: Willamette 5, Hyatt Regency

Time: 5:30 p.m.–7:00 p.m.

COUNCIL OF ALLIED SOCIETIES ANNUAL BUSINESS MEETING

Room: Columbia 1, Hyatt Regency

Time: 5:30 p.m.–7:00 p.m.

CURATION INTEREST GROUP MEETING: PLANNING FOR THE FUTURE

Room: Willamette 4, Hyatt Regency

Time: 5:30 p.m.–7:00 p.m.

STUDENT AFFAIRS COMMITTEE MEETING

Room: Willamette 3, Hyatt Regency

Time: 6:00 p.m.–7:30 p.m.

WOMEN IN ARCHAEOLOGY INTEREST GROUP MEETING

Room: Deschutes C, Hyatt Regency

Time: 7:00 p.m.–7:30 p.m.

NATIVE AMERICAN WELCOME RECEPTION

Location: Native American Student and Community Center,
Portland State University

(Hosted by the Confederated Tribes of Grand Ronde, the SAA Committee on Native American Relations, and Portland State University, Department of Anthropology)

Time: 7:00 p.m.–8:30 p.m.

Friday Morning ■ March 31, 2023

ARCHAEOLOGY SOCIETY PRESIDENT’S BREAKFAST (BY INVITATION ONLY)

Room: Willamette 9, Hyatt Regency

Time: 8:00 a.m.–10:00 a.m.

INTERNATIONAL GOVERNMENT AFFAIRS COMMITTEE MEETING

Room: Willamette 5, Hyatt Regency

Time: 8:00 a.m.–10:00 a.m.

CLIMATE CHANGE STRATEGIES AND ARCHAEOLOGICAL RESOURCES COMMITTEE MEETING

Room: Willamette 3, Hyatt Regency

Time: 8:00 a.m.–10:00 a.m.

[77] SYMPOSIUM ■ USING SPACE, MAKING PLACE: LANDSCAPE ARCHAEOLOGIES PART III

Room: A108 & A109

Time: 8:00 a.m.–9:45 a.m.

Chair: Justine Shaw

Participants:

8:00 Justine Shaw—The Late Terminal Classic in the Coahuah Region: Neither Classic, Nor Postclassic

8:15 Ayelen Delgado Orellana—Pristine Forests of Southern Chile? Evidence for a Millennium of Anthropogenic Woodlands

- 8:30 Abigail Buffington, Smiti Nathan and Mary Lawrence Young—Testing Theoretical Approaches for the Composition of Charcoal Assemblages
- 8:45 Justin Reamer—Unbounding the Land: Reinterpreting Late Woodland Lenape Villages in the Upper Delaware Valley
- 9:00 Raylene Borrego, Marisol Cortes-Rincon, Hannah Vizcarra, Amanda Zetz and Kristen Harrison—An Overview of the Dos Hombres to Gran Cacao Archaeology Project Soil Testing and Methodologies
- 9:15 Daniel Hansen—Understanding the “Local Scale” in Pictish Landscape Research (Northern Scotland, 300–900 CE)
- 9:30 Katherine Parker—Heritage In Flux: Plantations, Palimpsests, and Clandestine Distillation

[78] FORUM ■ REVISION TO THE SAA’S PRINCIPLES OF ARCHAEOLOGICAL ETHICS: MEMBERSHIP INPUT

(Sponsored by the SAA Board of Directors)

Room: Ballroom 201

Time: 8:00 a.m.–10:00 a.m.

Moderator: Jeffrey Altschul

Participants:

- Sandra Lopez Varela—Discussant
- Arlen Chase—Discussant
- Katherine Chiou—Discussant
- Angela Neller—Discussant
- Daniel Perez—Discussant
- Claire Smith—Discussant

[79] SYMPOSIUM ■ ARCHAEOLOGY OF MEDIEVAL EURASIAN STEPPE URBANISM

Room: Ballroom 202

Time: 8:00 a.m.–10:00 a.m.

Chairs: Joshua Wright and Lance Pursey

Participants:

- 8:00 Elissa Bullion, Farhad Maksudov and Michael Frachetti—Urbanism in Western Medieval Central Asia: Dynastic Jewels and Dynamic Networks
- 8:15 Annie Chan—Spatial Dynamics of Urbanization at the Onset of the First Turk Empire
- 8:30 Lance Pursey—Walled Sites beyond the Wall: Labeling Liao Towns in Archaeology and Historical Geography
- 8:45 Susanne Reichert—How to Describe Mongol Period Urbanism on the Mongolian Plateau
- 9:00 Jan Bemann—Constructing Space: An Imperial Launched Settlement System in the Core Area of the Mongol Empire
- 9:15 Henny Piezonka—The Emergence of New Urban Nodes in Qing Period

Mongolia (Seventeenth to Early Twentieth Century): Contrasting Roles and Histories of Monastic and Military Sites

9:30 Joshua Wright—Discussant

9:45 Bryan Miller—Discussant

[80] SYMPOSIUM ■ COFFEE, CLEVER T-SHIRTS, AND PAPERS IN HONOR OF JOHN S. JUSTESON

Room: B116

Time: 8:00 a.m.–10:00 a.m.

Chairs: Jennifer Loughmiller-Cardinal and David Mora-Marin

Participants:

8:00 Anthony Aveni—Did the Maya Care about the Precession of the Equinox?

8:15 Rebecca Dinkel—Metaphor in Precolumbian Mesoamerica: In Honor of John Justeson

8:30 Joshua Englehardt and Michael Carrasco—Envisioning the Iconographic and Epigraphic Corpus of Cerro de las Mesas

8:45 Michael Carrasco and Joshua Englehardt—Visualizing Speech: Unfolding the Narrative of the Papaloapan Stela

9:00 Jennifer Loughmiller-Cardinal and James Scott Cardinal—Why Is There Math in My Archaeology? The Modern Foundations of Quantitative Archaeology Written Decades Too Soon

9:15 David Mora-Marin—Mayan Spelling Conventions: Late Preclassic through Late Classic

9:30 Christopher Pool—Contextualizing the “Tuxtla” Statuette: Epi-Olmec Writing and Representation in Tres Zapotes, Veracruz, Mexico, and Its Hinterland

9:45 Questions and Answers

[81] SYMPOSIUM ■ THE SUBTERRANEAN IN MESOAMERICAN CULTURAL LANDSCAPES

Room: C122

Time: 8:00 a.m.–10:00 a.m.

Chairs: James Brady and Christina Iglesias

Participants:

8:00 Ulysses Salcido, James Brady and Guillermo de Anda—Preliminary Observations on the Nature of the Balamkú Ceramic Assemblage

8:15 Vanessa Karkkainen, James Brady and Guillermo de Anda—Additional Insights into the Significance of Cave Formations: The Case of Balamkú

8:30 Christina Iglesias, James Brady and Guillermo de Anda—A Season after COVID: Investigating Las Monjas Sascabera 2

8:45 Taylor Benoit, Guillermo de Anda and James Brady—Cenote Xbis: The House of Rain

9:00 James Brady—The Cave-Pyramid Complex: An Assessment of Its Impact after 25 Years

- 9:15 Holley Moyes and Dominique Rissolo—Slam Dunk: 3D Imaging in Belizean Cave Sites Using Hovermap System
- 9:30 Carlos Rincon Mautner—The Cave and the Cross: Agricultural Subsistence, Rainfall Prediction, and Ritual in the Sixteenth-Century Mixteca-Puebla Region
- 9:45 Nicholas Poister, Steve Baumann, Andrew Van Cleve and Richard Greene—Patterns of Precontact Lava Tube Cave Use at El Malpais National Monument, New Mexico

[82] SYMPOSIUM ■ REPORTING IN: PROJECT AND EXPEDITION REPORTS FROM ACROSS THE GLOBE

Room: B111

Time: 8:00 a.m.–10:00 a.m.

Chair: Aldo Watanave

Participants:

- 8:00 Paul Santarone, William Eckerle, Katherine Puseman and Kenneth Cannon—Where You Least Expect It: A Preliminary Report on Excavations at 26EK16689
- 8:15 Carlos Figueroa Beltran and Nicole Mathwich—Seasonal Resource in Coastal Baja California: Pedestrian Survey in Colonet, Baja California, Mexico
- 8:30 Jon Lohse, Derek Hamilton, Leslie Bush, Melanie Nichols and Jenni Kimbell—Recent Investigations at 41ANI62, a Middle Caddo Site in East Texas: Implications for Late Mississippian Settlement-Subsistence Behavior and Precision Dating
- 8:45 Jessi Spencer, Kaleigh Best and Mark Wagner—Gone and All but Forgotten: An Overview of St Henry's Cemetery (11S1742), East St. Louis, IL, 1866–1908
- 9:00 Dawn Crawford—Crafting in a Non-elite Maya Household at Holtun, Guatemala
- 9:15 Aldo Watanave, Michelle Watanave, Elvis Monzón and Sintia Santisteban—First Insights into the Life of Menocucho: Results of the Archaeological Excavations at Huaca Menocucho, Peru
- 9:30 Adam Rabinowitz, Liviu Iancu, Elijah Fleming, Patricia Neuhoff-Malorzo and Sterling Wright—The Histria Multiscalar Archaeological Project (2018–2022): Multidisciplinary Research and Consilience at the Mouth of the Danube
- 9:45 Emily Schumacher and Miriam Belmaker—Overview and Preliminary Results from the 2022 Excavation at Fort Louise Augusta, St. Croix, US Virgin Islands

[83] LIGHTNING ROUND ■ REALIZING VALUE IN MESOAMERICA: THE DYNAMICS OF DESIRE AND DEMAND IN ANCIENT ECONOMIES**Room:** Ballroom 204**Time:** 8:00 a.m.–10:00 a.m.**Moderators:** Scott Hutson and Charles Golden**Participants:**

Marilyn Masson—Discussant
 Mallory Matsumoto—Discussant
 Alanna Ossa—Discussant
 Kristin De Lucia—Discussant
 John Millhauser—Discussant
 Andrea Torvinen—Discussant
 Brigitte Kovacevich—Discussant
 Marc Levine—Discussant
 Bernadette Cap—Discussant
 Tatsuya Murakami—Discussant
 Joanne Baron—Discussant
 Zachary Hruby—Discussant
 Emiliano Melgar—Discussant
 Eleanor Harrison-Buck—Discussant

[84] SYMPOSIUM ■ RECENT RESEARCH IN THE PETÉN LAKES REGION, PETÉN, GUATEMALA**Room:** B115**Time:** 8:00 a.m.–10:15 a.m.**Chairs:** Timothy Pugh and Yuko Shiratori**Participants:**

8:00 Yuko Shiratori and Carolyn Freiwald—The Historical Ecology of the Postclassic Itza Maya in Lake Petén Itzá

8:15 Lisa Duffy, Kitty Emery and Antonia Foias—Metabolomic Residue Studies of Foodways in the Motul de San José Polity, Petén, Guatemala

8:30 Evelyn Chan—The Late Preclassic Monumental Foundation of Nixtun-Ch'ich', Petén, Guatemala

8:45 Justin Bracken—Surveillance, Fortification, and Movement around the Petén Lakes

9:00 Jemima Georges—Fauna from Sinkholes at the Site of Nixtun-Ch'ich'

9:15 Timothy Pugh—Middle Preclassic Settlements in the Petén Lakes Region of Guatemala

9:30 Gabriela Zygodlo—Accuracy, Precision, and Efficiency: Comparing Mapping Techniques in Nixtun-Ch'ich', Petén, Guatemala

9:45 Marc Wolf—The 2022 Petén Lakes Lidar/GPS Georectification Project

10:00 Questions and Answers

[85] SYMPOSIUM ■ HEAT, STEAM, AND HEALTH: THE ARCHAEOLOGY OF THE MESOAMERICAN PIB NAAH (SWEAT BATHS)

Room: C120 & C121

Time: 8:00 a.m.–10:15 a.m.

Chair: Edy Barrios

Participants:

- 8:00 Edy Barrios, Cameron McNeil and Mauricio Díaz García—Rio Amarillo's Temazcal: Fertility, Toads, and Childbirth in the Copan Valley, Honduras
- 8:15 Payson Sheets—The Soundscape inside the Ancient Ceren Sweat Bath
- 8:30 Elodie Treffel—Geografía sagrada en Naranjo: Relaciones simbólicas entre cerros, cuevas y temazcal
- 8:45 Mary Clarke—Myth, Ritual, and the Classic Maya Sweat Bath
- 9:00 Carlos Alvarez—Evidencias arqueológicas del “ika” tojolabal, una tradición ancestral
- 9:15 Jackeline Quinonez—Chuu: The Use and Cultural Impact of Sweat Baths by the Ixil Community in Cotzal, Quiché, Guatemala
- 9:30 Alexandre Tokovinine—A Bath for 8,000 Gods: Atij and Similar Expressions on Classic Maya Monuments
- 9:45 Oswaldo Chinchilla—Discussant
- 10:00 Questions and Answers

[86] SYMPOSIUM ■ STEP BY STEP: TRACING WORLD POTTING TRADITIONS THROUGH CERAMIC PETROGRAPHY

Room: C125 & C126

Time: 8:00 a.m.–10:15 a.m.

Chairs: Dominique Sorresso and Anthony Farace

Participants:

- 8:00 Dominique Sorresso, C. Trevor Duke and Charles Cobb—Identifying Potting Traditions from the Nashville Basin through Ceramic Petrography
- 8:15 Anthony Farace—Ramey on the Frontier: A Pilot Study of Select Ramey Incised Technology from Cahokia's Southern Neighbors
- 8:30 Kari Schleher and Suzanne Eckert—The Struggle Within: Effects of Spanish Interaction Intensity on Pueblo Pottery Technology as Revealed through Petrographic Study
- 8:45 Genevieve Woodhead—Making Pottery, Making Identity: Geochemical and Design Analyses from a Small Middle San Juan Site, New Mexico
- 9:00 Karleen Ronsairo—Long-Term Use of Local Clays in Potting Traditions during Early Urbanization in the Nochixtlán Valley of the Mixteca Alta, Oaxaca, Mexico, 500–100 BCE
- 9:15 Anna Cohen—Potting Communities on a Purépecha Landscape, Angamuco, Michoacán, Mexico
- 9:30 Ximena Villagran, Marcony Alves, Thiago Kater, Kelly Brandão and Francisco Pugliese—Organic Inclusions in Amazonian Ceramics: A Petrographic Approach

- 9:45 Mary Ownby and Fiona Kidd—Ceramic Use and Production at Iron Age Bashtepe, Uzbekistan: A Preliminary Petrographic Study
 10:00 Suzanne Eckert—Discussant

**[87] SYMPOSIUM ■ HUNTER-GATHERER ARCHAEOLOGY OF LIGURIA:
 RECENT RESEARCH AND INSIGHTS**

Room: A107

Time: 8:00 a.m.–10:30 a.m.

Chairs: Julien Riel-Salvatore and Claudine Gravel-Miguel

Participants:

- 8:00 Julien Riel-Salvatore—Discussant
 8:15 Fabio Negrino, Tobias Lauer, Andrea Zerboni, Sahra Talamo and Guido Mariani—Early Middle Paleolithic Blade Lithic Technology from the Site of Via San Francesco (Liguria, Northwestern Italy): Geoarchaeology, Chronology, and Cultural Features
 8:30 Amelie Vallerand—Paleolithic Occupations at Riparo Bombrini (Liguria, Italy): Understanding the Spatial Organization of Neanderthals and *Homo sapiens*
 8:45 Silvia Gazzo, Fabio Negrino and Julien Riel-Salvatore—The Use of Shells as Personal Ornaments in Liguria during the Upper Paleolithic: A Review
 9:00 Geneviève Pothier-Bouchard—Discussant
 9:15 Claudine Gravel-Miguel, Julien Riel-Salvatore, Fabio Negrino, Emanuela Cristiani and Roberto Maggi—Re-documenting the Pleistocene–Holocene Occupations of Arma dello Stefanin in Liguria, Italy
 9:30 Ivano Rellini, Sabina Ghislandi, Gabriele Martino, Julien Riel-Salvatore and Roberto Maggi—Pleistocene–Holocene Transition at Arene Candide Cave, Liguria (Italy): A Geoarchaeological Approach
 9:45 Julien Riel-Salvatore, Fabio Negrino and Claudine Gravel-Miguel—Where Do We Go from Here? A Review of Prehistoric Forager Mobility in Liguria
 10:00 Elena Rossoni-Notter, Olivier Notter and Abdelkader Moussous—Contributions to Paleolithic Research: In the Steps of Albert I, Prince of Monaco
 10:15 Questions and Answers

[88] SYMPOSIUM ■ OLD TECHNOLOGY, NEW METHODOLOGY

Room: B112

Time: 8:00 a.m.–10:45 a.m.

Chairs: Bethany Potter and Abby Baka

Participants:

- 8:00 Raven Garvey—Interpreting Coefficients of Variation in Archaeological Assessments of Cultural Transmission
 8:15 Chase Mahan—Paleoindian Use of Eocene Chert from the Wyoming Basin

- 8:30 Adela Cebeiro, Johanna Neufuss, Roman Wittig, Susana Carvalho and Alastair Key—(Nut) Cracking the Code of Primate Cognition
- 8:45 Heather Rockwell—Large Interpretations from Small Things: The Potential and Need for Large-Scale Microwear Studies
- 9:00 Nicholas Gala, Anna Mika, Michael Wilson, Jeremy Williams and Robert Walker—Comparing the Durability and Robusticity of Obsidian and Chert Projectile Points
- 9:15 Abby Baka, Bethany Potter, Mason Niquette and Rolfe Mandel—Preliminary Analyses of San Esteban (41PS20) Lithic Data: Implications for Mobility, Investment, and Dietary Predictions
- 9:30 Nathan Stevens—Investigating the Spread of the Bow and Arrow in California Using Large Datasets
- 9:45 Bethany Potter, Caroline Kisielinski, Justin Tackney, Dennis O'Rourke and Frederic Sellet—Leveraging DNA Capabilities for Lithic Analysis: Experimental Results and Best Practices
- 10:00 Alberto Conti, Tessa Amend, Jake Fruhlinger and Erick Robinson—Leveraging Longitudinal Data for Lithic Technological Organization Research
- 10:15 Metin Eren—Discussant
- 10:30 Alison Brooks—Discussant

[89] SYMPOSIUM ■ LATE PLEISTOCENE STEMMED POINTS ACROSS NORTH AMERICA: CONTINENTAL QUESTIONS AND REGIONAL CONCERNS
Room: A105
Time: 8:00 a.m.–10:45 a.m.
Chairs: Nathaniel Kitchel and Richard Rosencrance

Participants:

- 8:00 Loren Davis—New Caches from Area B at the Cooper's Ferry Site, Idaho, Reveal Key Technological Insights and Extend the Age of Stemmed Points in the Americas
- 8:15 Daron Duke and Daniel Stueber—Haskett: What Is It, When Is It, Where Is It?
- 8:30 Carlton Shield Chief Gover, Christina Ryder, Erick Robinson, Kathryn Reusch and Stephen Nash—Redating the Jones-Miller Site: Multiple Hell Gap
- 8:45 John W. Ives—Stemmed Points in the Ice-Free Corridor
- 9:00 Jeffrey Rasic—Late Pleistocene Stemmed Points in Arctic Alaska
- 9:15 Brigitte Faugere and José Luis Ruvalcaba—An Agate Basin Point from Michoacán, Mexico
- 9:30 Joseph Gingerich and William Childress—Late Paleoindian Plano-like Finds in Virginia and Beyond
- 9:45 D. Shane Miller, Derek Anderson, James Strawn and Stephen Carmody—The Curious Case of Stemmed Jude Points in the Upper Tombigbee River Valley, Mississippi

- 10:00 Nathaniel Kitchel—The Late Pleistocene/Early Holocene Occupations of Northern New England: Evidence for Regional Resettlement?
- 10:15 Richard Rosencrance—Haskett Chronology and Its Relationship to Other North American Technocomplexes
- 10:30 Duncan McLaren—Late Pleistocene and Early Holocene Stone Tool Technologies from the Pacific Coast of Canada

[90] SYMPOSIUM ■ RESEARCH, EDUCATION, AND AMERICAN INDIAN PARTNERSHIPS AT THE CROW CANYON ARCHAEOLOGICAL CENTER

Room: B113

Time: 8:00 a.m.—11:45 a.m.

Chair: Susan Ryan

Participants:

- 8:00 Susan Ryan—Forty Years of Integrating American Indian Knowledge, Public Education, and Archaeological Research in the Central Mesa Verde Region
- 8:15 Elaine Franklin—Conceptualizing the Past: The Thoughtful Engagement of Hearts and Minds
- 8:30 Richard Wilshusen, Kellam Throgmorton and Grant Coffey—Bridging the Long Tenth Century: From Villages to Great Houses in the Central Mesa Verde Region
- 8:45 Jonathan Driver and Karen Schollmeyer—Fine-Grained Chronology Reveals Human Impacts on Animal Populations in the Mesa Verde Region of the American Southwest
- 9:00 James Potter, Grant Coffey and Mark Varien—Community Organization on the Edge of the Mesa Verde Region: Recent Investigations at Cowboy Wash Pueblo, Moqui Springs Pueblo, and Yucca House
- 9:15 Jeffrey Jones and Tyson Hughes—Educational Programming and the Perceived Benefits of Participation at Crow Canyon Archaeological Center
- 9:30 Scott Ortman—What the Old Ones Have to Teach Us
- 9:45 Paul Ermigiotti, Mark Varien, Grant Coffey, Stewart Koyiyumptewa and Leigh Kuwanwisiwma—The Pueblo Farming Project: Research, Education, and Native American Collaboration
- 10:00 Donna Glowacki, Grant Coffey and Mark Varien—Forty Years of Sustained Community Center Research in the Central Mesa Verde Region
- 10:15 Wesley Bernardini and Leigh Kuwanwisiwma—Place of the Songs: Hopi Connections to the Mesa Verde Region
- 10:30 Michael Adler and Michelle Hegmon—Comparative Histories of Community Depopulation in the Mesa Verde and Northern Rio Grande Regions of the American Southwest
- 10:45 Kristin Kuckelman—Thirteenth-Century Villages and the Depopulation of the Northern San Juan Region by Pueblo Peoples

- 11:00 Thomas Windes and Benjamin Bellorado—Revisiting the Depopulation of the Northern Southwest with Dendrochronology: A Changing Perspective with New Dates from Cedar Mesa
- 11:15 Joseph Suina—The Knowledge Keepers: Protecting Pueblo Culture from the Western World
- 11:30 Elizabeth Perry—Discussant

[91] SYMPOSIUM ■ CHECKING THE PULSE: CURRENT RESEARCH IN OAXACA PART I

Room: B114

Time: 8:00 a.m.–12:00 p.m.

Chair: Marijke Stoll

Participants:

- 8:00 Veronica Perez Rodriguez—Investigating Public Spaces at the Urban Center of Cerro Jazmín, Mixteca Alta, Oaxaca
- 8:15 Alba Tellez—Tipología lítica para Cerro Jazmín, Oaxaca
- 8:30 Itzel Chagoya Ayala—Los temazcales de Cerro Jazmín, evidencia de uso práctico en la Mixteca Alta
- 8:45 Maria Palomares—Early/Middle Formative Pottery Production and Exchange in the Emergence of Social Complexity in the Mixteca Alta, Oaxaca
- 9:00 Cuauhtémoc Vidal Guzmán—Persistence in the Nochixtlán Valley during the Classic to Postclassic Transition: Preliminary Notes from Etlatongo
- 9:15 Akira Ichikawa and Arthur Joyce—Late Classic and Early Postclassic Residential Spaces of Rio Viejo, Oaxaca: Preliminary Results
- 9:30 Guy Hepp and Marc Levine—Toward a Typology of Late Postclassic Period Figurines from Tututepec, Oaxaca, Mexico
- 9:45 Pedro Ramon Celis—Lidar Mapping of a Zapotec City: Cultural Hybridity and Ethnogenesis in Postclassic Guiengola, Oaxaca
- 10:00 Lilia Rivero Weber and Nelly Robles García—Conservación de la pintura mural de una tumba Zapoteca de la Sierra Norte de Oaxaca
- 10:15 Eloi Berube and Cira Martínez López—Connecting Dead, Living, and Supernatural through Plants: Botanical Mortuary Offerings at Monte Albán
- 10:30 Liana Jiménez Osorio—Santuarios Mixtecos de origen precolonial: Una herencia viva
- 10:45 Soren Frykholm and Stephen Whittington—Spatial Analysis and Community Organization at Iglesia Gentil (San Pedro Teozacoalco), Oaxaca
- 11:00 Emmanuel Posselt Santoyo—Los sitios arqueológicos de la Mixteca vistos como espacios caminables
- 11:15 Nelly Robles García—Discussant
- 11:30 Stacie King—Discussant
- 11:45 Questions and Answers

[92] SYMPOSIUM ■ NEGOTIATING WATERY WORLDS: IMPACTS AND IMPLICATIONS OF THE USE OF WATERCRAFT IN SMALL-SCALE SOCIETIES

(Sponsored by the Island and Coastal Archaeology Interest Group)

Room: A103 & A104

Time: 8:00 a.m.—12:00 p.m.

Chairs: Albert Garcia-Piquer, Mikael Fauvelle and Colin Grier

Participants:

- 8:00 Thomas Brown—The Effect of Boats and Watercraft on Archaeological Interpretations of Social/Economic Organization and Population Histories within the Pacific Northwest of North America
- 8:15 Adam Rorabaugh—Seascapes of the Unreal: Using Agent-Based Modeling to Examine Traditional Coast Salish Maritime Mobility
- 8:30 Quentin Mackie—Subsistence Practice as Remote Sensing on the Northwest Coast
- 8:45 Erin Smith—Going by Boat-Being: An Indigenous Ontological Approach to Human-Boat Relationships on the Pacific Northwest Coast
- 9:00 Peter Whitridge—Precontact Inuit Watercraft and the Hunter-Prey Actantial Hinge
- 9:15 Christina Livingston, Matthew Des Lauriers and Claudia Garcia-Des Lauriers—Seascapes and Society on the Forgotten Peninsula: The Watercraft of Baja California, Mexico
- 9:30 Victor Thompson—Collective Action, Transport Costs, Watercraft Technologies, and the Engineered Ancestral Landscapes of Southern Florida
- 9:45 Questions and Answers
- 10:00 Bettina Schulz Paulsson— Boat Engravings and Maritime Technologies in the Megalithic Ages 4700–2500 cal BC
- 10:15 Alvaro Montenegro, Boel Bessemer-Clark, Ashley Green and Johan Ling—Improved Representation of Paddled Propulsion in a Deterministic Ocean Voyaging Model: Bronze Age Scandinavian Example
- 10:30 Greer Jarrett—Mapping Midgard: Reconstructing Mental Geographies of Viking Age Seafarers
- 10:45 Jordi Rivera Prince—Creating a Fisher’s Body: Using Ethnobiaeology to Reveal the Caballito de Totorá-Body-Fish-Sea Assemblage in Ancient Huanchaco, Peru
- 11:00 Nelson Aguilera, Albert Garcia-Piquer and Raquel Pique—Kañči: Indigenous Seafaring, Watercraft Diversity, and Cultural Contact in Southern Patagonia
- 11:15 Albert Garcia-Piquer and Colin Grier—Navigating Paradigms: Site Location and Settlement Patterns in Watery Environments from the Pacific Northwest Coast and Southern Patagonia
- 11:30 Mikael Fauvelle and Peter Jordan—The Transformative Power of Boats: Seafaring and Social Complexity in Indigenous California and Hokkaido
- 11:45 Colin Grier—Discussant

[93] SYMPOSIUM ■ REGIMES OF THE ANCIENT MAYA**Room:** A106**Time:** 8:00 a.m.–12:00 p.m.**Chair:** Maxime Lamoureux-St-Hilaire**Participants:**

- 8:00 Marcello Canuto and Maxime Lamoureux-St-Hilaire—From Polity to Regimes: Toward Recognizing Diversity in Ancient Maya Political Communities
- 8:15 Maxime Lamoureux-St-Hilaire and Tomas Barrientos—A Functional Approach to Classic Maya Regal Palaces: Case Studies from La Corona and Cancuen
- 8:30 Diane Chase and Arlen Chase—Scale and Political Integration of Ancient Maya Polities: Ideology, Frame Analysis, and Caracol, Belize
- 8:45 Lisa LeCount, Jason Yaeger, Bernadette Cap and Borislava Simova—Tangled Web: Political Pragmatics in the Mopan River Valley
- 9:00 Kenichiro Tsukamoto—The Creation and Transformation of Regimes in the El Palmar Dynasty, Mexico, during the Classic Period (AD 250–900)
- 9:15 Tomas Barrientos and Marcello Canuto—Shifting Regimes at La Corona: Political Resilience of Classic Maya “Secondary” Center
- 9:30 Antonia Foias—Tribute Lists and Bureaucrats: Understanding Classic Maya Politics
- 9:45 Damien Marken, Olivia Navarro-Farr and David Freidel—Something Different or More of the Same? Lowland Maya Polities and Regimes as Viewed from El Perú-Waka’, Guatemala
- 10:00 Verónica Vázquez López, Felix Kupprat, Kathryn Reese-Taylor and Armando Anaya Hernández—Political Regimes at Calakmul
- 10:15 Arthur Demarest—Regimes and the Classic Maya Market Economy “Writ Large”
- 10:30 Ellen Bell, Erlend Johnson, Marcello Canuto and Cassandra Bill—Frayed at the Edges: Insights into Classic Period (250–900 CE) Maya Political Organization from the Southeast Maya Kingdom of Copan, Honduras
- 10:45 Marc Zender and Mary Kate Kelly—On the Place of Sa-ja-la Title Holders in the Classic Maya Regime
- 11:00 Questions and Answers
- 11:15 Dominique Michelet and Pierre Becquelin—Non-standard and Shifting Sociopolitical Organizations at Xcalumkín (Western Puuc Region), AD 650–950
- 11:30 George Bey, William Ringle and Tomas Gallareta N.—Statecraft, Politics, and Kingship in the Northern Maya Lowlands, with a Focus on the Puuc Region
- 11:45 Iyaxel Cojti-Ren—The K’ab’awil, or Protective Deities, of the Maya Highlands: Symbols of Identity and Political Integration

**[94] SYMPOSIUM ■ A FURTHER DISCUSSION ON THE ROLE OF
ARCHAEOLOGY IN RESOURCE AND PUBLIC LAND MANAGEMENT**

Room: Ballroom 203

Time: 8:45 a.m.–12:00 p.m.

Chair: Kenneth Cannon

Participants:

- 8:45 Lawrence Todd and Daniel Dalmas—Wilderness, Wildlife, and Management Misconceptions: Archaeology in Washakie Wilderness NW Wyoming
- 9:00 Douglas MacDonald—Is Yellowstone a Wilderness? The Role of Archaeology in Challenging Contemporary Views of Wild Areas
- 9:15 Craig Lee, Michael Neeley and Elizabeth Horton—Precontact Animal Migrations and Intercept Hunting Strategies
- 9:30 Scott Dersam and Sari Dersam—The Mountain Path: Foraging Strategies and Inter-species symbiosis in the Beartooth Mountains, Montana
- 9:45 Dalyn Grindle—Elk in the Rockies: Interweaving the Ethnographic Present and the Archaeological Past toward More Thoughtful Animal Management
- 10:00 Jonas Oppenheimer, Beth Shapiro, Ed Green, Greg Wilson and Gregg Adams—A Paleogenomic Approach toward Reconstructing Bison Evolutionary History
- 10:15 Kenneth Cannon, Ethan Ryan and Houston Martin—The Application of Strontium Isotopes in Tracking Holocene Bison in the Greater Yellowstone Ecosystem
- 10:30 Molly Cannon and Anna Cohen—Long-Term and Interdisciplinary Approaches to Water Use and Management in the Mountain West
- 10:45 Edward Stoner, Thomas Lennon, Thomas Bullard, Geoffrey Cunnar and Charles Wheeler—A Tale of Two Projects: Geoarchaeological Investigations along the Shores of Pleistocene Lake Waring in Elko County, Nevada, and the Importance of Early Planning and Collaboration between Public Land Managers, Project Proponents, and Stakeholders
- 11:00 Konnie Wescott, Jenn Abplanalp, Lee Walston, Emily Zvolanek and Conner Wiktorowicz—The Advantages of Landscape-Scale Cultural Assessments for Public Land Management
- 11:15 Matthew Hoffman, Jake Fruhlinger, Linda Reynard and Erick Robinson—Reanalyzing Dry Creek Rockshelter: A New Path Forward for Idaho Archaeology
- 11:30 Robert Hitchcock—Discussant
- 11:45 Questions and Answers

**[95] SYMPOSIUM ■ MUTUALLY BENEFICIAL: TECHNOLOGIES IN
ARCHAEOLOGICAL APPLICATION AND ARCHAEOLOGIES IN
TECHNOLOGICAL APPLICATION PART II**

Room: B117

Time: 8:45 a.m.–12:00 p.m.

Chair: Giles Morrow

Participants:

- 8:45 Robert Stokes, Cash Ficke and JoAnna Schultz—The Black Mountain Phase in the Southern Mimbres Valley: Addressing the Last “Fuzzy” Phase in the Mimbres Area Cultural Sequence
- 9:00 Giles Morrow, Jesse Spencer-Smith, Yuechen Yang and Mubarak Ganiyu—Digital Connoisseurship: Applications of Machine Learning to Moche Iconography
- 9:15 Daniel Plekhov, Linda Gosner and Jessica Nowlin—Remote Sensing Methods for Investigating Modern-Day Land-Use Intensity in Archaeological Landscapes: A Case Study from the Sinis Archaeological Project, Sardinia
- 9:30 Kevin Wright—Assessing the Viability of Shallow Geophysical Surveying to Identify Post-Removal Homesteads in Choctaw Nation
- 9:45 Daniel Hruschka, Robert Bischoff and Matt Peeples—ArchaMap: A Solution for Merging and Finding Archaeological Data
- 10:00 Amanda Zetz, Marisol Cortes-Rincon, Kristen Harrison, Raylene Borrego and Hannah Vizcarra—Digitizing Archaeological Data from the Dos Hombres to Gran Cacao Archaeology Project
- 10:15 Megan Kassabaum, Grace Riehm, Regina Lowe, Matthew Capps and Vincas Steponaitis—The Return of the Large Enigmatic Pit: Investigating Off-Mound Areas at Pumpkin Lake
- 10:30 Todd Ahlman, Ashley McKeown, Kallista Karastamatis and Kathryn Ahlman—Methodological Perspectives in the Search for Maroon Settlements on St. Croix, US Virgin Islands
- 10:45 Rita Dias, Tiago Pereiro, João Hipólito, João Fonte and António Neves—Odyssey Sensing Project
- 11:00 Robert Bischoff and Cecilia Padilla-Iglesias—ArchMatNet: An Agent-Based Model to Investigate the Validity of Social Networks in Archaeology
- 11:15 Clara Alexander, Sandra Balanzario and Alexandre Tokovinine—Recuperando el rompecabeza: Un análisis de la escalera jeroglífica de El Resbalón
- 11:30 Emily Blackwood—Virtual Reality and Archaeological Practice
- 11:45 Ronald Schirmer and Andy Brown—Geophysics and Excavations at a Tribally Owned Heritage Site in the Red Wing Region, Southeastern Minnesota

ARCHAEOLOGY DIVISION OF THE AAA BOARD MEETING (BY INVITATION ONLY)**Room:** Willamette 7, Hyatt Regency**Time:** 9:00 a.m.–12:00 p.m.**[96] SYMPOSIUM ■ ARCHAEOLOGY AND LANDSCAPE LEARNING FOR A CLIMATE-CHANGING WORLD****Room:** B118 & B119**Time:** 9:00 a.m.–12:00 p.m.**Chair:** Marcy Rockman**Participants:**

- 9:00 Marcy Rockman—Climate Change Has a History and Landscape Learning Is One of Its Storytellers
- 9:15 Wei Chu—Landscape Learning during the Early Upper Paleolithic of Southeastern Europe
- 9:30 Rowan Jackson, Andrew Dugmore and Felix Riede—Objects of Adaptation: The Role of Play Objects in Adaptation to Environmental Change in the North Atlantic Islands
- 9:45 Anne Jensen—Learning about a Place through Time: Kilusitok Lake, North Slope, Alaska
- 10:00 Kathryn Krasinski, Angela Wade, Norma Johnson and Fran Seager-Boss—Landscape Learning and Climate Change: A Perspective from South-Central Alaska
- 10:15 Jade d'Alpoim Guedes—A Deep History of Human Activity in the Jiuzhaigou National Park
- 10:30 Questions and Answers
- 10:45 Nicholas Schmuck—Remembering the People in Peopling Narratives: Landscape Learning as a Bridge between Traditional Knowledge and Archaeology
- 11:00 Eric Rodríguez-Delgado and Mariela Declet-Perez—Transplanted at the Coast: The Adaptation of Caribbean Resourcing Practices during the Late Holocene
- 11:15 Scott Ingram—Understanding Past Human Securities, Sustainability, and Migration for a Climate-Changing World
- 11:30 LuAnn Wandsnider—“Like Mushrooms after Rain”: Learning the Land on the Late Nineteenth-Century Central Great Plains (USA)
- 11:45 Bonnie Pitblado—Discussant

[97] SYMPOSIUM ■ BEHAVIORAL ECOLOGY AND ARCHAEOLOGY**Room:** C123**Time:** 9:00 a.m.–12:00 p.m.**Chairs:** Kenneth Vernon and Elic Weitzel**Participants:**

- 9:00 Elic Weitzel—Commodification and Resource Depression of White-Tailed Deer in Seventeenth-Century New England

- 9:15 Allison Wolfe—Terminal Pleistocene and Early Holocene Exploitation of Greater Sage-Grouse (*Centrocercus urophasianus*) in the Bonneville Basin
- 9:30 Kasey Cole, Jack Broughton, Lauren Hainsworth, Maren Moffatt and Alex Shumate—Ecological and Anthropogenetic Drivers of Artiodactyl Abundance and Distribution in Northeastern California: Implications for Social Signaling, Resource Intensification, and Resource Depression
- 9:45 Bruce Winterhalder, Eugene Morin, Douglas Bird and Rebecca Bliege Bird—What Can We Learn from Nearly 50 Years of Accumulated Data on the Kcal Return Rates Achieved by Hunters Encountering Terrestrial Game?
- 10:00 Kenneth Vernon, Weston McCool, Simon Brewer, Brian Codding and Scott Ortman—The Ecology of Agglomeration and the Rise of Chaco Great Houses
- 10:15 Dylan Davis and Kristina Douglass—Behavioral Ecology and Evolutionary Approaches to Human-Environment Dynamics on Southwest Madagascar
- 10:30 Daniel Contreras and Brian Codding—Density Dependent Models Rely on Accurate Population Estimates
- 10:45 Natalie Munro—Behavioral Ecology and the Emergence of Sedentism and Agriculture
- 11:00 Jennifer Chen, Lauren Canale, Jelmer Eerkens, James Watson and Randy Haas—Stable Isotope Analysis of Dental Serial Sections Suggests Delayed Weaning among Archaic Foragers of the Andean Altiplano
- 11:15 Weston McCool, Brian Codding and Kenneth Vernon—Leveraging Behavioral Ecology to Understand the Relationship between Resource Availability and Human Violence
- 11:30 Kurt Wilson, Kasey Cole and Brian Codding—Modeling Key Socioecological Factors Influencing the Expression of Egalitarianism and Inequality among Foragers
- 11:45 Eric Smith and Brian Codding—Dimensions, Links, and Scales in the Behavioral Ecology of Inequality

[98] Symposium ■ Heritage Sites at the Intersection of Landscape, Memory, and Place: Archaeology, Heritage Commemoration, and Practice

Room: C124

Time: 9:15 a.m.–12:00 p.m.

Chairs: Mark Tveskov and Douglas Wilson

Participants:

- 9:15 Mark Tveskov and Donald Ivy—Two Millennia of Resilience: The Old Town Bandon Site on the Oregon Coast
- 9:30 Kimberli Fitzgerald, Kirsten Straus and Kylie Pine—Searching for Salem's Early Chinese Community
- 9:45 Tom Connolly and Perry Chocktoot—Challenges to Managing Tribal

- Knowledge and Physical Places within the Homelands of the Confederated Klamath Tribes
- 10:00 Douglas Wilson—Decolonizing the Fort Vancouver School
- 10:15 Seth Mallios—Legendary Landscapes, Community Access, and Continued Relevance at the Nathan Harrison Site in San Diego County, California
- 10:30 Peter Nelson—Indigenous Stewardship, Comanagement, and Knowledge Production: A Perspective from the California Coast
- 10:45 Mark Warner and Katrina Eichner—Stealth Archaeology: Making the Case for Relevance in Idaho
- 11:00 Sigrid Arnott, Janis Fairbanks, David Maki and Marcus Ammesmaki—The Grand Portage of the St. Louis River: Reinterpretations and Language Revitalization
- 11:15 R. Scott Baxter—Summit Camp
- 11:30 Edward Gonzalez-Tennant, John Dysart, Taylor Collore, Rachel Thompson and Alex Nalewaik—The Role of Federal-Academic Partnerships in Training the Next Generation of Archaeologists: A Case Study from the Ocala National Forest
- 11:45 David Harrelson—Discussant

SOCIAL ARCHAEOLOGY AND CLIMATE CHANGE (SACC)

Room: Willamette 3, Hyatt Regency

Time: 10:00 a.m.-11:30 a.m.

[99] POSTER SESSION ■ WHAT'S GOING ON OUT THERE? METHODS AND FIELDWORK

Room: Exhibit Hall A

Time: 10:00 a.m.–12:00 p.m.

Participants:

- 99-a Caleb Ranum, Alan Farahani, Katherine Chiou, Julia Sponholtz and Patricia Mathu—A Morphometric Approach to the Study of Archaeological and Modern *Capsicum* spp. Seeds Using Elliptical Fourier Analysis and Machine Learning Methods
- 99-b Yuan Fang and Gyoung-Ah Lee—Interpreting the Diffusion of Bronze Mirrors in Ancient China across Time Using the S-Shaped Curve
- 99-c Autumn Myerscough—Reflections on My First Summer of Fieldwork
- 99-d Ava Godhardt and David Hyde—What's in a Name: Caches, Offerings, and Problematic Deposits from the Medicinal Trail Hinterland Community, Belize
- 99-e Amanda Regnier, Scott Hammerstedt and Patrick Livingood—Preliminary Results of 2022 Excavations at Spiro Mounds in Oklahoma
- 99-f Juan Argoti Gómez—The Sonorous Univers of the Jama-Coaque Culture: A Historical-Ecological Approach to Past Soundscapes
- 99-g Mark Chenault, Michael Stubing and Ron Ryden—Assessing the Utility of

- Large Excavators and Other Heavy Equipment for Archaeological Excavation
- 99-h David Hyde—Bits and Pieces: A Contextual Analysis of Portable Material Culture from the Medicinal Trail Community, Belize
- 99-i Erin Ray and Nadia Neff—Technological Advances in the Field? Using a Tablet in a Remote Field Setting
- 99-j Joshua Vallejos and Katherine Peck—Evaluating Digital Workflows in Academic and CRM Settings
- 99-k Scott Sunell, Eleanor Fishburn, Gina Mosqueda-Lucas and Brianna Rotella—Front-Loading Backfilling: Site Stabilization of a Cliffside Shell Midden at l'akayamu

[100] POSTER SESSION ■ WE'VE GOT CHEMISTRY: CHEMICAL ANALYSES IN ARCHAEOLOGY

Room: Exhibit Hall A

Time: 10:00 a.m.–12:00 p.m.

Participants:

- 100-a Serena Webster, Andrew Somerville and Marion Forest—The Obsidian Trade at Teotihuacan: pXRF Analysis of Changes in Source Location over Time
- 100-b Jessica Clark, Danielle Waite, Steph Miller, Brigitte Kovacevich, Travis Stanton and Traci Ardren—Geosourcing and Geopolitics: Handheld XRF Analysis of Obsidian from Households in the Yaxuna-Coba Region
- 100-c Robin Singleton, Kristen Rayfield, Karissa Hughes, Courtney Hofman and La Brea Tar Pits Staff—Prospects for the Recovery of aDNA from Asphaltic Faunal Remains
- 100-d Daniela Hernández Sariñana, Luis Barba Pingarrón and Agustín Ortiz Butrón—Chemical Residue Analysis, Foodways, and Ceramic Consumption in Tlajinga, Teotihuacan

[101] POSTER SESSION ■ THE ARCHAEOLOGY OF INEQUALITY

Room: Exhibit Hall A

Time: 10:00 a.m.–12:00 p.m.

Participants:

- 101-a Michael Elvidge, Megan Harris and Jeff Wilson—Gender Inequality in British Columbia's Heritage Sector: Results from the British Columbia Association of Professional Archaeologists 2021 Wage Survey
- 101-b Meagan Pennington—Age Estimation Using Dental Development and Long Bone Length for the Children in the Late Classic Copan Maya Civilization
- 101-c Hannah Budner, Lacey Carpenter, Hannah Lau and Colin Quinn—History of Home Health Care: Shifting Practices of Hygiene, Wellness, and Medicine in Eighteenth- to Nineteenth-Century Central New York
- 101-d Ryan Waxman—Meaning beyond Capital: Life in a Twentieth-Century Mining Town

- 101-e Anne Sherfield, Alicia Fritz, Ruth Brenton, Thomas Lobato and Michael Smith—Inter- and Intra-apartment Compound Differences in Burial Goods at Teotihuacan
- 101-f Travis Chai Andrade—Unsettling Settler-Colonial Archaeology: Constructing Indigenous Futurities at Pu'ukoholā Heiau
- 101-g Olivia Ellis, John Walden, Kyle Shaw-Müller, Claire Ebert and Julie Hoggarth—Understanding Diachronic Patterns of Feasting at the Late Classic Maya Polity of Lower Dover, Belize
- 101-h Elena Sperry-Fromm—The Archaeology of Counterculture at the New Buffalo Commune

[102] POSTER SESSION ■ OF GRAVE IMPORTANCE: MORTUARY ANALYSIS AND BIOARCHAEOLOGY

Room: Exhibit Hall A

Time: 10:00 a.m.–12:00 p.m.

Participants:

- 102-a Molly Symmonds, Colin Quinn, Lacey Carpenter, Nandini Subramaniam and Horia Ciugudean—A Computational Approach to Bone Histology Analysis in Archaeology
- 102-b Patricio Gutiérrez Ruano, Ava Godhardt, Meradeth Snow and Michael Mathiowetz—Ancient Migrations in the Aztlán Region: aDNA Analyses
- 102-c Chin-hsin Liu, Emily Darlington and Michael Mathiowetz—Bioarchaeology of Postclassic West Mexico: A Research Framework and Preliminary Results
- 102-d Mary Maisel, Katherine Dunning and Jonathan Bethard—Investigating the Future of Adult Age Estimation
- 102-e Célia Gonçalves, João Cascalheira, Cláudia Umbelino, Ricardo Godinho and Dany Nogueira—Taken Too Soon: The Context of Two Child Burials at the Mesolithic Shell Midden of Cabeço da Amoreira (Muge, Portugal)
- 102-f Allison Densel—An Examination of Gaza Gray Ware Infant Jar Burials at Tell el-Hesi, Israel
- 102-g Elaine Aguayo Ortiz, Arion Mayes, Arthur Joyce and Akira Ichikawa—A Mortuary Analysis of Adult and Child Burials of Río Viejo, Oaxaca, Mexico
- 102-h Xiaofan Sun, Sen You, Jinping Wang, Quanchao Zhang and Qian Wang—A Bioarchaeological Study of a Trepanation Case with Special Reference to the Medical Care System during the Western Zhou Dynasty China (1045–771 BCE)
- 102-i Aubree Marshall, Gabriela Murphy and Gabriel Wrobel—Serious Seriation: Age-at-Death Assessment of Skeletons from Caves Branch Rockshelter, Belize
- 102-j Annabelle Lewis—Commemoration and Consumption in Mid-Nineteenth-Century Cemeteries of Cazenovia, New York
- 102-k David Hansen, Greg Pratt, Steven Gilbert and Dmitry Voyakin—

- Preliminary Findings from the Cemetery at the Medieval Ilibalyk Site in Southeast Kazakhstan
- 102-l McClean Pink and Megan Perry—A Comparative Analysis of Mortuary and Domestic Artifacts from Petra's North Ridge
- 102-m Nasreen Broomandkhoshbacht, Lars Fehren-Schmitz, Lucy Salazar, Richard Burger and Elizabeth Nelson—Contact-Era Tuberculosis at Kanamarka, Peru
- 102-n Britannia Barbour—An Investigation into Topographic Distribution Patterns Associated with Wetlands Surrounding Bog Body Burial Sites
- 102-o Marc Wampler, Steve Martin, Bridget Mohr, Allison Soergel and Nancy Ross-Stallings—Archaeological Relocation of Five Historic Cemeteries in North-Central Tennessee
- 102-p Bernardo Arriaza, Juan Pablo Ogalde, Leonardo Figueroa, Vivien Standen and Sian Halcrow—Ancient Manganese in the Andes: A Bioarchaeological View

[103] POSTER SESSION ■ ETHNOGRAPHIC RESEARCH IN ARCHAEOLOGY

Room: Exhibit Hall A

Time: 10:00 a.m.–12:00 p.m.

Participants:

- 103-a Aspen Greaves—Archaeological and Ethnographic Plant Use in Mongolia
- 103-b Steph Gruver—Paleoindian Shellfishing and Feminist Agency at Quebrada Jaguay-280
- 103-c Molly Corr—The Household Ecology: Investigating the Household Response to Food Insecurity among the Lacandon Maya
- 103-d Milsy Westendorff and Dana Bardolph—Nuestras Voces: Representation and Visibility of Latinx Women Archaeologists in the United States

[104] POSTER SYMPOSIUM ■ THE BETHEL CEMETERY RELOCATION PROJECT: HISTORICAL, OSTEOLOGICAL, AND MATERIAL CULTURE ANALYSES OF A NINETEENTH-CENTURY INDIANA CEMETERY

Room: Exhibit Hall A

Time: 10:00 a.m.–12:00 p.m.

Chair: Brooke Drew

Participants:

- 104-a Ryan Peterson—Bethel Cemetery Reburial, Agency, and Stakeholder Coordination
- 104-b Alex Badillo, Aaron Estes, Zachary Brown and Hannah Redlin—An Analysis of 3D Mapping Methods of Historic Burials at Bethel Cemetery
- 104-c Jeremy Wilson, Grace Bocko and Olivia Messenger—“Getting Long in the Tooth” at the Bethel Cemetery: A Paleoepidemiological Analysis of Dental Disease
- 104-d Alexandra Powell and Jeremy Wilson—Children of the Gilded Age: Juvenile Age Estimation and Fertility Approximation for the Bethel Cemetery

- 104-e Christopher Schmidt, Megan Hoffman and Grace Holmes—Mastoid Osteoma on the Skeleton of a Known Individual from the Bethel Cemetery
- 104-f Gretchen Zoeller—A Not-So-Secret Affair: A Case Study of Treponemal Infection from the Bethel Cemetery
- 104-g Brooke Drew—Our Dearly Loved Daughter and Sister: A Bioarchaeological, Material Culture, and Archival Case Study in Extraordinary Organic Preservation from Bethel Cemetery, Marion County, Indiana

[105] POSTER SYMPOSIUM ■ DIGITIZING ARCHAEOLOGICAL PRACTICE: EDUCATION AND OUTREACH IN THE ARCHAEOGAMING SUBDISCIPLINE

Room: Exhibit Hall A

Time: 10:00 a.m.—12:00 p.m.

Chair: Krystiana Krupa

Participants:

- 105-a David S. Anderson—“You discover 1d4 ancient relic(s)”: Archaeological Outreach through Tabletop Roleplaying Games
- 105-b Emma Barbacini—Medieval Medicine Board Game: Saving Ancient Studies
- 105-c Paige Brevick—Learning about the Ancient World: Introducing Archaeogaming Education Modules (AEMs) as Classroom Resources
- 105-d Lisa Cipolla, Daryl Basarte, Michael Zimmerman, Anna Coon and Bryandra Owen—Welcome to Goblin Town: Using Role-Playing Games for Education and Science Communication
- 105-e Robert Cook, Grace Conrad and Joseph Chambers—A Serious Game: Teaching Key Archaeological Lessons with Augmented and Virtual Reality
- 105-f Ashley Hampton—Board Games, Gamification, and the Cultural Transmission of History: Constructing Narratives of the Past in Orthogonal
- 105-g Geena Hollis—Behind the Creation of Archaeogames: Character Art
- 105-h Drosos Kardulias, Jordan Schmidt, Andrew Savidge, Amber Swigart and Aaron Gonzalez—Arisen from the Ashes: Archaeology as Tabletop Gaming in “The Age of Silence”
- 105-i Krystiana Krupa, Rhianna Bennett, Anna Coon and William Farley—Establishing a Space for Archaeologists in Gaming: The Development of the ArchaeoGaming Collective
- 105-j Chester Liwosz and Arthur Cruz—New Media, Old Stories: Democratizing Archaeology with Open Source Methods in Virtual Heritage Management at Northern Rio Grande Pueblos
- 105-k Emily McElroy—In the Footsteps of the Muses: Writing for Archaeogaming Educational Modules (AEM)
- 105-l Bryandra Owen—A House of Ashes Is a House of Archaeology: An Argument for Using Video Games as Public Outreach

- 105-m Christopher Wai—The Museumification of Video Game Artifact Collecting: The Development of Experiences in Archaeological Video Games from Trophy Taking to Decolonizing and Educating

[106] SYMPOSIUM ■ ON DISCIPLINARY CULTURE: CHALLENGING TRADITIONAL POWER AND KNOWLEDGE STRUCTURES WITHIN ARCHAEOLOGY PART I

Room: A108 & A109

Time: 10:00 a.m.–12:15 p.m.

Chair: Lauren Jablonski

Participants:

- 10:00 Alice Kehoe—Interrogating Decolonization
 10:15 Makanani Bell—Evaluating Community Engagement
 10:30 Antonio Beardall—Representation Matters: The Importance of Local Participation in Archaeological Projects in Belize
 10:45 Emily Hanscam and Brian Buchanan—Walled In: Borderlands, Frontiers, and the Future of Archaeology
 11:00 Ashley Lemke, John O’Shea, Robert Reynolds and Thomas Palazzolo—Virtual Worlds: Underwater Archaeology and Indigenous Engagement
 11:15 Rubén Morales Forte and Maxime Lamoureux-St-Hilaire—Slow Archaeology, Community Engagement, and Collaborative Knowledge Production in the Maya World
 11:30 Lauren Jablonski—The History of Archaeology: Looking to the Past to Unravel Sexual Harassment in the Present
 11:45 Robert DeMuth—Where Have All of the Artifacts Gone: Examining the Impact of Structural and Environmental Racism on Site Preservation
 12:00 Paul Reed—Expanding Our Approaches to American Archaeology: An Example from the Greater Chaco Landscape

[107] FORUM ■ ARCHAEOLOGICAL SCIENCE AND TRIBAL INTERESTS IN THE PACIFIC NORTHWEST

Room: Ballroom 201

Time: 10:15 a.m.–12:15 p.m.

Moderators: Amanda Taylor and Robert Kopperl

Participants:

- Dennis Lewarch—Discussant
 Shelby Anderson—Discussant
 Kelly Derr—Discussant
 Thomas Brown—Discussant
 Loren Davis—Discussant
 Katelyn McDonough—Discussant
 Sara Gonzalez—Discussant
 Michele Punke—Discussant
 Lia Frenchman—Discussant

Jon Shellenberger—Discussant
 Azure Boure—Discussant

[108] FORUM ■ VISUAL STORYTELLING AND COMMUNITY-BASED RESEARCH IN ARCHAEOLOGY

Room: Ballroom 202

Time: 10:15 a.m.–12:15 p.m.

Moderator: Keitlyn Alcantara

Participants:

Ian Kuijt—Discussant
 Pedro Ramon Celis—Discussant
 Kirk French—Discussant
 Chelsea Fisher—Discussant

[109] SYMPOSIUM ■ THE CURRENT STATE OF ARCHAEOLOGICAL RESEARCH ACROSS SOUTHEAST ASIA

(Sponsored by the Southeast Asian Archaeology Interest Group)

Room: B111

Time: 10:15 a.m.–12:15 p.m.

Chair: Scott Macrae

Participants:

- 10:15 Kathleen Kelley, Guangmau Xie, Qiang Lin and Miriam Belmaker—
 Confirming the Subtropical Paleoecology of Yahuai Cave in Guangxi,
 China, at 120 Kya through the Taphonomic Analysis of Rodent Remains
- 10:30 Francis Allard—Glass Beads along the Early Maritime Silk Route: A View
 from Southeast China
- 10:45 Scott Macrae, Kong Cheong, Gyles Iannone and Pyiet Phyo Kyaw—
 Settlement Archaeology at the “Classical” Burmese (Bama) Capital of
 Bagan, Myanmar (Eleventh to Fourteenth Centuries CE): Theory,
 Method, Application, and Preliminary Outcomes
- 11:00 Piyawit Moonkham, Andrew Duff and Nattasit Srinurak—The
 Heterarchical Life and Spatial Analyses of Historical Buddhist Temples in
 the Chiang Saen Basin, Northern Thailand
- 11:15 Mitch Hendrickson—The Power of Pyrotechnologies: Ceramic, Iron, and
 Bronze in the Rise of the Angkorian Khmer Empire, Cambodia (Ninth to
 Fourteenth Centuries CE)
- 11:30 Roland Fletcher and Sarah Klassen—Diachronic Spatial Organization in
 Greater Angkor, Seventh to Fifteenth Centuries CE
- 11:45 Gyles Iannone—The Current State of Settlement Archaeology in the
 Study of Southeast Asia’s Preindustrial State Formations: The Critical
 Appraisal of a Scholarly Interloper
- 12:00 Questions and Answers

[110] LIGHTNING ROUND ■ FROM THE ANDES TO THE AMAZON: IN HONOR OF CLARK ERICKSON

Room: Ballroom 204

Time: 10:15 a.m.–12:15 p.m.

Moderators: John Walker and Melissa Murphy

Participants:

Michael Heckenberger—Discussant
 Loa Traxler—Discussant
 Larry Coben—Discussant
 Jason Yaeger—Discussant
 Charles Stanish—Discussant
 Cynthia Robin—Discussant
 Stéphen Rostain—Discussant
 Whittaker Schroder—Discussant
 Michael Frachetti—Discussant
 Minette Church—Discussant
 Matthew Liebmann—Discussant
 Pamela Geller—Discussant
 Gregory Knapp—Discussant
 Marcello Canuto—Discussant
 Sonia Alconini—Discussant
 Clark Erickson—Discussant

[111] SYMPOSIUM ■ ADVANCING THE ARCHAEOLOGY OF INDIGENOUS AGRICULTURE IN NORTH AMERICA

Room: C125 & C126

Time: 10:30 a.m.–12:00 p.m.

Chair: Christina Friberg

Participants:

10:30 Edward Herrmann, Rebecca Hawkins, Christina Friberg and Jayne-Leigh Thomas—Evidence for Ridge and Furrow Agriculture at Angel Mounds in Southern Indiana

10:45 Madeleine McLeester, Jesse Casana, Carolin Ferwerda, Alison Anastasio and Jonathan Alperstein—Multiscalar Investigations of Ridged Fields at the Menominee Reservation, WI

11:00 Jayne-Leigh Thomas, Dan Knudsen and Rebecca Hawkins—Modeling Mississippian Subsistence: Diet and Food Production at Angel Mounds, Indiana

11:15 Rebecca Barzilai and Jayne-Leigh Thomas—Looking for Evidence of Corn Processing (Nixtamalization) at Angel Mounds

11:30 Megan Belcher and Natalie Mueller—Cultivating Lost Crops: New Insights on the Domestication of Goosefoot (*Chenopodium berlandieri*) from a Common Garden Experiment

11:45 Jack Rossen—Discussant

[112] SYMPOSIUM ■ ALMOST 100 YEARS SINCE JULIO C. TELLO: RESEARCH AT HUACA DEL LORO, NASCA, PERU

Room: C120 & C121

Time: 10:30 a.m.–12:00 p.m.

Chairs: Christina Conlee and Corina Kellner

Participants:

- 10:30 Christina Conlee and Aldo Noriega—One Hundred Years of Research at Huaca del Loro, Nasca, Peru
- 10:45 Tyler Rhoads, Jerod Roberts, Bryan Heisinger and Victoria Roberts—Geospatial Methods at Huaca del Loro
- 11:00 Matthew Biver and Heidi Hepburn—Paleoethnobotanical Analysis at Huaca del Loro: Initial Findings and Interpretations
- 11:15 James Moore—Wari D-Temples: Inferring Function from Shape, Distribution, and Orientation
- 11:30 Victoria Roberts, Kaylee Henderson and Jerod Roberts—A Study of Incised Designs within a Wari D-Shaped Temple Complex
- 11:45 Corina Kellner—Mummy Bundles Found at Huaca del Loro

[113] SYMPOSIUM ■ COASTAL ENVIRONMENTS IN ARCHAEOLOGY: ANCIENT LIFE, LORE, AND LANDSCAPES

Room: B116

Time: 10:30 a.m.–12:00 p.m.

Chair: Mike Carson

Participants:

- 10:30 Todd Braje, Jillian Maloney, Amy Gusick, Jon Erlandson and Shannon Klotsko—Changing Shorelines and Maritime Foraging during the Terminal Pleistocene and Early Holocene along California's Northern Channel Islands: Assessing Settlement Patterns with Chirp Subbottom Data
- 10:45 Bryn Letham, Andrew Martindale and Thomas Brown—Building Islands on the Northwest Coast: Intertwined Histories of Cultural and Geomorphological Landform Development at Garden Island, Prince Rupert Harbour, Canada
- 11:00 Hollis Miller—Sugpiaq Foodways during the Russian Colonial Period: Zooarchaeological and Ethnographic Perspectives from Old Harbor, Alaska
- 11:15 Antonio Ricardo De La Cruz Roldan and James Bayman—Mollusk Foraging and Gendered Labor in Seventeenth-Century Guam, Mariana Islands
- 11:30 Carey Garland, Victor Thompson, Ted Gragson, Marcela Demyan and Brett Parbus—New Evidence from the Hokfv-Mocvse Shell Ring (5000–4800 cal BP) on the Emergence of Ring Sites on the South Atlantic Coast
- 11:45 Mike Carson—Natural-Cultural Contexts of the First Inhabited Seashores of Remote Pacific Oceania: 1500–1100 BC in the Mariana Islands

[114] SYMPOSIUM ■ ARCHAEOLOGICAL STUDIES OF HUMAN-ENVIRONMENT RELATIONSHIPS PART II

Room: B115

Time: 10:30 a.m.–12:00 p.m.

Chair: Diana Carvajal Contreras

Participants:

- 10:30 Diana Carvajal Contreras—Recent Archaeological Research in Gorgona Island, Colombia
- 10:45 Sean Desjardins, Scott Rufolo, Shyong En Pan and Jelke Take—“Place for a Walrus to Haul Out”: Marine Mammals and Polynya Archaeology in Northern Foxe Basin, Nunavut, Arctic Canada
- 11:00 Paula Ugalde, Delphine Joly and Calogero Santoro—Reconstructing a Paleoindigenous Communal Space: Living under the Trees in the Atacama Desert, Chile, 12,800–11,200 cal yrs BP
- 11:15 Autumn Rose, Kitty Emery and Robert Guralnick—Predators and Prey among the Ancient Maya: A GIS Approach to Understanding Archaeofauna and Past Environments
- 11:30 Theodore Marks, George Leader, Abi Stone, Rachel Bynoe and Dominic Stratford—Narabeb Pan: Exploring Middle Stone Age Archaeology of the Namib Sand Sea
- 11:45 Naomi Miller and Chantel White—Historical Palimpsests: Animal-Accumulated Plant Remains in Aboveground Structures

PUBLICATIONS COMMITTEE MEETING

Room: Willamette 5, Hyatt Regency

Time: 11:00 a.m.–1:00 p.m.

[115] SYMPOSIUM ■ RECENT ADVANCES IN GROUND STONE STUDIES IN THE EASTERN MAYA LOWLANDS

Room: A105

Time: 11:00 a.m.–12:00 p.m.

Chair: Jon Spenard

Participants:

- 11:00 Meaghan Peuramaki-Brown and Shawn Morton—Granite Use at an Ancient Maya Boomtown
- 11:15 Tawny Tibbits, Marieka Brouwer Burg and Eleanor Harrison-Buck—The Second Chapter: Further Analysis of Granite Ground Stone Tools from the Belize River East Archaeology Project, 2015–2022
- 11:30 Jon Spenard, Michael Mirro, Javier Mai, Konane Martinez and Franklin Quiros—Extracting the Proverbial Bedrock of Society: A Report on Precolumbian Maya Granitic Rock Quarries in the Mountain Pine Ride, Belize

11:45 Adam King, Sheldon Skaggs and Terry Powis—A Granite Tool Producing Community on the Western Periphery of Pacbitun, Belize

[116] SYMPOSIUM ■ ARCHAEOLOGICAL PEDAGOGIES FOR CLASSROOM, FIELD, AND LAB PART I

Room: A107

Time: 11:00 a.m.–12:15 p.m.

Chair: Dawn Rutecki

Participants:

- 11:00 Jeffery Burton—Imprisoned Orphans: Community Archaeology at Children’s Village, Manzanar War Relocation Center
- 11:15 Katharine Napora, Kristine Schenk and Chris Saunders—Teaching Tree Rings: Dendroarchaeology for Outreach and Education
- 11:30 Annelou Van Gijn, Jeroen ter Brugge, Diederik Pomstra, Annemieke Verbaas and Lasse van den Dikkenberg—Putting Life into a Stone Age Dwelling Construction: A Joint Venture of Local Volunteers and Archaeological Scientists
- 11:45 Dawn Rutecki—Applied Archaeological Ethics: Inclusive Pedagogical Practices
- 12:00 MacKenzie DiMarco, Carlton Gover and Sarah Hatcher—Archaeology in Public Schools

Friday Afternoon ■ March 31, 2023

2023 AND 2024 PROGRAM CHAIRS LUNCH (BY INVITATION ONLY)

Room: Willamette 4, Hyatt Regency

Time: 12:00 p.m.–1:00 p.m.

EQUITY SUMMIT PANEL (OPEN TO ANY SAA COMMITTEE AND TASK FORCE MEMBERS)

Room: Ballroom B112, Oregon Convention Center

Time: 12:00 p.m.–1:00 p.m.

WORKSHOP: PROPOSAL WRITING FOR THE WENNER-GREN FOUNDATION (BY REGISTRATION ONLY)

Room: Deschutes B, Hyatt Regency

Time: 1:00 p.m.–2:30 p.m.

**[117] SYMPOSIUM ■ THE FUTURE OF EDUCATION AND TRAINING IN
ARCHAEOLOGY**

Room: C120 & C121

Time: 1:00 p.m.–2:45 p.m.

Chair: Alexandra McCleary

Participants:

- 1:00 Renae Campbell and Mark Warner—Training Students: Collaboration across the Academic Divide
- 1:15 Mark Castro, David Bruner and Nick Angeloff—Integrative Approaches to Anthropology Degree Marketability: Resources and Testimonials for Nonacademic Career Fields
- 1:30 Ben Ford—Our Future Is Applied: The Applied Archaeology MA Program at Indiana University of Pennsylvania
- 1:45 Albert Gonzalez—Academic Museums as Instruments for Increasing BIPOC Representation in CRM
- 2:00 Kirsten Vacca—Collaborative and Equitable Training in Archaeology
- 2:15 Thomas Whitley—Adapting to the Changing Environment in CRM Graduate Training
- 2:30 Alexandra McCleary—Discussant

**[118] SYMPOSIUM ■ DOMESTICATION, EXPLOITATION, AND REVERENCE:
STUDIES IN ZOOARCHAEOLOGY PART I**

Room: Ballroom 202

Time: 1:00 p.m.–2:45 p.m.

Chair: Sasha Buckser

Participants:

- 1:00 McKenna Litynski and Todd Surovell—Microfauna Analysis at the La Prele Mammoth Site (48CO1401): Implications for Clovis Diet and Paleoenvironments
- 1:15 Laura Motta, Victoria Moses, Jason Kirk, Lael Vetter and Jay Stephens—Livestock Economy and the Emergence of Urbanism in Central Italy during the Iron Age and Archaic Period
- 1:30 Sasha Buckser, William Taylor, Karissa Hughes, Fernando Villanea and Courtney Hofman—Exploring Early Historic Human-Canid Relationships in the Intermountain West: A Case Study from Seventeenth-Century Blacks Fork, Wyoming
- 1:45 Hugh Radde and Weston McCool—Shellfish Variability and Its Role in the Adaptation to Fishing Economies on the California Channel Islands
- 2:00 Alison MacMillan and Eugene Morin—Identifying Signatures of Bone Grease Rendering in Archaeological Contexts
- 2:15 Ellen Pacheco—Human-Animal Relations in Chihuahua, Mexico: Exploring the Ontological Turn in Zooarchaeology

- 2:30 Kristine Richter, Roshan Paladugu, Cleia Detry, Cristina Barrocas Dias and Christina Warinner—Your Horse Is a Donkey! Identifying Domesticated Equids Using ZooMS

[119] FORUM ■ MOVING ALONG WITH DECOLONIZING ARCHAEOLOGY: UPDATES AND OPEN MEETING

(Sponsored by the Task Force on Decolonizing Archaeology)

Room: Ballroom 203

Time: 1:00 p.m.–3:00 p.m.

Moderators: Randall McGuire and Margaret Conkey

Participants:

Patricia McAnany—Discussant
George Nicholas—Discussant
Patricia Ayala—Discussant
Michael Wilcox—Discussant

[120] FORUM ■ CAREER PATHS IN CRM: A DIVERSE JOB MARKET

Room: Ballroom 201

Time: 1:00 p.m.–3:00 p.m.

Moderator: Teresa Ingalls

Participants:

Karen Brunso—Discussant
Phil Hodge—Discussant
Ashley Stewart—Discussant
Eric Wohlgemuth—Discussant
Sarah Lowry—Discussant
Sarah Miller—Discussant
Stefanie Perez—Discussant
Theodore Roberts—Discussant

[121] POSTER SESSION ■ HUMAN-ENVIRONMENT INTERACTIONS IN CHANGING CLIMATES

Room: Exhibit Hall A

Time: 1:00 p.m.–3:00 p.m.

Participants:

- 121-a Kai Su and Tristram Kidder—The Local Environmental Context for Settlement and Abandonment of the Wetland Site Haimenkou, Yunnan, China
- 121-b Yitzchak Jaffe, Andrew Womack, Dayna Thomas and Anke Hein—Publication Trends in Research on Human Environment Interactions in Early China
- 121-c Alexandra Covert—The Effects of Water Erosion on Archaeological Sites at Wupatki National Monument

- 121-d Lauren Jones, Anna Linderholm and Michael Waters—They're Alright: Late Quaternary Fossil Pocket Gopher DNA Provides Nuanced View of Climate Changes at Hall's Cave, Texas
- 121-e Jeremy Johnson—Archaeological Survey Feasibility of Postharvest Units within the Coast Range
- 121-f Savannah Bommarito, Andrea Brunelle Runburg, Simon Brewer and Isaac Hart—A Multiproxy Analysis of Fire, Vegetation, Climatic, and Anthropogenic Activity during the Mid- to Late Holocene in the West Desert of Utah, United States
- 121-g Steven Hackenberger, Emily LaPlante and Rylee Chadwick—Activity Area Analysis of the Sanders Site (45KT315), 3–4 Kya Yakima Uplands, Washington
- 121-h Michael Benedetti, Jonathan Haws and Lukas Friedl—Site Formation and Karst Processes during the Last Glacial Cycle at Lapa Do Picareiro, Portugal
- 121-i Julia Furlong—A Paleoclimate Study from Central Washington State along the Main-Stem Columbia River
- 121-j Victoria Nuccio, Danielle Riebe and Attila Gyucha—Environmental Change's Impact on Settlement Development during the Late Neolithic at the Site of Csökmő-Káposztás-domb
- 121-k Michiel Kappers, Christina Giovas, Claudia Kraan, Kelsey Lowe and Yoshi Maezumi—Proyekto Paisahe Kultural di Kòrsou: The Environmental Legacy of Curaçao's Cultural Landscapes

[122] POSTER SESSION ■ WHAT'S ON THE MENU? PART III: FAUNAL ANALYSIS

Room: Exhibit Hall A

Time: 1:00 p.m.–3:00 p.m.

Participants:

- 122-a Amelia Jansen—Zooarchaeological Analysis of Alaskan Gold Rush Sites
- 122-b Grace Stanford and Briana Doering—Mapping Thermal Features at Quartz Lake, Alaska
- 122-c Alexandria Firenzi, Summer Hagerty, Charlie Goggin and Christopher Jazwa—Dietary Variation, Population Aggregation, and Foraging Strategies on Santa Rosa Island during the Medieval Climatic Anomaly
- 122-d Anna Coppola, Magen Hodapp, Brooke Priest and Chrissina Burke—A Preliminary Zooarchaeological Analysis of the Houck Sites in Northeastern Arizona
- 122-e Robert Kopperl and Eleni Petrou—Pacific Herring: Methodological and Interpretive Considerations of a Keystone Species for Zooarchaeological Analyses
- 122-f Xin Yu, Hailin Liu and Chunxue Wang—Study on Animal Remains Excavated from GI of Dongshantou Site in Da'an, Jilin Province, China
- 122-g Lindsey Bouldin—Bread, Beer, and Beef: Diet of Seventeenth-Century Harvard College

- 122-h Delia Hoyt, Hannah Lau, Lacey Carpenter and Colin Quinn—Subsistence and Space within an Historical Central New York Household
- 122-i Kyra Smith—The Archaeology of Public Health and Food Sovereignty in the Pacific Islands
- 122-j Olganydia Plata Aguilera—On Finance: Toward an Archaeology of Debt of Colonial New Mexico
- 122-k Spencer Lambert—A Preliminary Study on Food and the Emergence of Archaic States in the Hawaiian Islands
- 122-l Svenya Drees, Jason Lewis, Victoria Greening and Ludovic Slimak—Oh Deer: A Zooarchaeological Approach to Understanding Hominin Behavior during the Last Interglacial

[123] POSTER SESSION ■ PICTURE PERFECT: LANDSCAPE ARCHAEOLOGY

Room: Exhibit Hall A

Time: 1:00 p.m.–3:00 p.m.

Participants:

- 123-a Kimberly Munro—The Road to Rayan Is Paved with Good Intentions
- 123-b Troy Lovata—Wickiups as Placemaking: Contemporary Landscape Archaeology in the Mountains of Northern New Mexico
- 123-c Eunice Villasenor Iribé—Defending Hilltops: Terraced Landscape Creation during Periods of Prehispanic Warfare
- 123-d Brendon Murray—Land Use at the Necks of the Moche and Virú Valleys on the North Coast of Peru
- 123-e Jill Onken, Jessica Munson, Andrés Mejía Ramón and Lorena Paiz—Low-Density Maya Urbanism in the Dynamic Fluvial Landscape of the Upper Usumacinta Confluence Zone
- 123-f Danielle Silverman—Assessment of Pilgrimage Activity through Ritual Material Culture in the Anuradhapura Hinterland, Sri Lanka
- 123-g Laurel Diciuccio, Nathan Jereb, Caelie Butler, Alyssa Lorain and Shelby Anderson—Learning by Doing: Past Foodways, Experimental Archaeology, and Collaborative Research
- 123-h Sara Reed—The Meaning of Water: One Mountain's Tale of Water Politics and Heritage in Northern New Mexico
- 123-i Heidi Luchsinger—Geoarchaeological Coring: Determining Where Intact Buried Archaeological Sites Should Be and Shouldn't Be

[124] POSTER SESSION ■ THE IMPORTANCE OF ETHICAL ARCHAEOLOGY

Room: Exhibit Hall A

Time: 1:00 p.m.–3:00 p.m.

Participants:

- 124-a Jenna Scott and Julie Wesp—Add to Cart? The Ethical Landscape of Buying Human Bone in the United States

- 124-b Chelsea Colwell-Pasch and Vanessa Sullivan—Enhanced Archaeological Subsurface Testing for Cultural Resource Management: Innovation in the Field
- 124-c Alyssa Bader, Aimée Carbaugh, Lauren Hosek and Krystiana Krupa—Interact! How Do Archaeologists “Care” for Human Ancestors’ Remains?
- 124-d Ece Erlat—Collaborative Indigenous Archaeology in Turkey: The Sardis Case
- 124-e John Pryor and Michael Youngblood—California Tribal Unilateral Apprenticeship Program (CTUAP)
- 124-f Joshua Wells, Mackenzie Edmonds, Eric Kansa, Sarah Kansa and David G. Anderson—Using Digitized Archaeological Literature as Big Data: Lessons from Using Open-Source Software to Text Mine Archaeological Site Numbers and Citation Information from JSTOR across the United States and Canada for the Digital Index of North American Archaeology (DINAA)
- 124-g Curt Carbonell—Mobilizing and Motivating: Closing the Capacity Gap in Cultural Resource Management in British Columbia
- 124-h Andrea Bridges—NAGPRA Education in Graduate Programs: The Jobs Are There, Where Is the Training?
- 124-i Dru McGill and Katherine Chiou—What’s Up with the Ethics Bowl? Introducing a New Ethics and Responsible Research Project for Archaeology
- 124-j Jaxson Haug, McKenzie Alford and Kacy Hollenback—Skeletons in the Closet: Ethical, Moral, Pedagogical, and Intellectual Issues in Managing Unprovenanced Osteological Legacy Collections
- 124-k Eve Hargrave, Krystiana Krupa, Ryan Clasby and Aimée Carbaugh—Repatriating Cahokia: Pursuing Tribal Priorities in and around NAGPRA
- 124-l Michael Heilen and Shelby Manney—Refining Archaeological Data Collection and Management
- 124-m Charlene Collazzi and Rachel Fernandez—How Does tDAR Make Archaeological Data FAIR?
- 124-n Robert Hard, Eva Wikberg, Michael Cepek and June Burke—Classroom to Careers in Anthropology at the University of Texas at San Antonio

[125] POSTER SYMPOSIUM ■ INNOVATIONS AND TRANSFORMATIONS IN MESOAMERICAN RESEARCH: RECENT AND REVISED INSIGHTS OF ANCESTRAL LIFEWAYS

Room: Exhibit Hall A

Time: 1:00 p.m.–3:00 p.m.

Chairs: Nancy Gonlin and Susan Evans

Participants:

- 125-a Bradford Andrews—Getting to the Point: Evidence for the Bow at Epiclassic Xochicalco, Mexico
- 125-b Ryan Collins, Deborah Nichols and Ethan August—An Evaluation of

- Obsidian Projectile Point Chronology and Possible Sourcing in the Tehuacan Valley, Mexico
- 125-c Susan Evans—Parallel Lives: Aztec and European Elite Marriage Patterns in the Late Postclassic/Renaissance
- 125-d Kirk French—An NSF Broader Impact Story in the Teotihuacan Valley of Mexico: 60 Years in the Making
- 125-e Nancy Gonlin, David Webster and David Reed—House of the Boxer, House of the Fire God: Sport and Religion in a Humble Hinterland Household of the Copan Classic Maya, Honduras
- 125-f Robert Griffin, Kelsey Herndon, Heather Hurst, Franco Rossi and Boris Beltran—Remote Sensing of Constructed Landscapes in Northern Guatemala
- 125-g Gerardo Gutiérrez—Forgery of the Past: The Scientific Analysis of the Codex Cardona and the Assumed Lost Relaciones Geográficas of Coyoacán and other Villas of Mexico City during the First Half of the Seventeenth Century
- 125-h Kenneth Hirth, Susan Hirth, George Hasemann and Gloria Lata-Pinto—Reconstructing Synchronous Ritual Events in a Central Honduran Chiefdom: An Analysis of Conjoined Artifacts
- 125-i Blanca Maldonado, David Larreina-Garcia, Andres Sanchez, Berenice Pedroza and Luis Velázquez-Maldonado—A Technological Reconstruction of Preindustrial Copper Smelting in Central Michoacan, Mexico
- 125-j David Reed—New Methods, Old Data: Reanalysis of Diets of the Copán Classic Maya Using Stable Isotope Mixing Models
- 125-k Glenn Storey—Comparing the Megalopolises of New and Old Worlds: Examining the Urban Infrastructure of Teotihuacan and Imperial Rome
- 125-l Stephen Whittington, Robert Tykot, Karyn Olsen and Fred Longstaffe—Analysis of Human Skeletal Remains from Late Postclassic Iximché, Guatemala

[126] SYMPOSIUM ■ ARCHAEOOMETRY AND COMPOSITIONAL ANALYSIS STUDIES PART II

Room: A105

Time: 1:00 p.m.–3:00 p.m.

Chair: Elysia Petras

Participants:

- 1:00 Suzan Granados—An Investigation of Middle Archaic Maize at Site LA 112766
- 1:15 Jordan Thompson—An Overview of Vitrophyre Use in North Central Idaho: 12,000 Years of Rock Knockin' on the Lochsa
- 1:30 Jay Silverstein, Sean Coughlin, Robert Littman and AbdelRahman Medhat—A Fragrance Workshop from the Mendesian Perfume Industry at Tell Timai, Egypt
- 1:45 Daniel Pierce—Ceramic Production in Postclassic West Mexico

- 2:00 Kenneth Holyoke and Branden Rizzuto—CCGS 2022: More Data on Sources and Sourcing for Carboniferous Cherts in New Brunswick, Canada
- 2:15 Elysia Petras—CCompositional Analysis of Low-Fired Coarse Earthenware Excavated Archaeologically from Two Anguillan Eighteenth- to Nineteenth-Century Plantation Sites
- 2:30 Joshua Henkin and Javier Echeverría—A Molecular Networking Approach to Identifying Metabolites in GC-MS Spectra from the Gastrointestinal Contents of Mummies of Tarapacá-40 (Northern Chile, Formative Period, 1000 BCE–600 CE)
- 2:45 Stephen Czujko, Virginie Renson, Michael Glascock, Maria Verde and Marcus Rautman—Defining Local versus Nonlocal Ceramic Production at Sardis (Turkey) Using Isotopic Analysis: The Example of Asia Minor Light-Colored Ware

[127] SYMPOSIUM ■ READING STONE AND SOIL: RECENT STUDIES IN GEOARCHAEOLOGY

Room: B114

Time: 1:00 p.m.–3:00 p.m.

Chair: Edward Henry

Participants:

- 1:00 Stephen Janes—The Discovery of California Megalithic Structures: The Geology and Geomorphology of the Artificial
- 1:15 Miriam Belmaker and Omri Barzilai—Back to ‘Ubeidiya: Renewed Excavations at an Early Pleistocene Site in the Levant
- 1:30 John Johnson, Thomas Stafford, G. James West, Heather Thakar and Katherine Bradford—Arlington Springs Chronostratigraphy and Implications for Early Human Settlement along North America’s Pacific Coast
- 1:45 Gabrielle Perry, Raymond Mueller, Arthur Joyce and Akira Ichikawa—The Impact of Late Classic–Early Postclassic Anthropogenic Landscape Change in the Lower Río Verde Valley, Oaxaca
- 2:00 Edward Henry, Jennifer Kielhofer and Lia Kitteringham—Mixing and Moving Earth: The Geoarchaeology of a Newly Rediscovered Middle Woodland Earthen Enclosure in Central Kentucky
- 2:15 Dana Evaschuk, Keli Watson and Mike Robertson—Excavation of a Red Ochre Cache in a Natural Geological Kettle Formation in the Central Interior of British Columbia.
- 2:30 Joseph Dober, Rachel Cajigas, Alexandre Tokovinine, Aura Barrientos and Francisco Estrada-Belli—Magnentic Gradiometry Surveys of the Upper and Lower Plazas at La Sufricaya, Guatemala
- 2:45 Jeffrey Baker—The Geoarchaeology of Playa-Dune Complexes on Edwards Air Force Base

[128] SYMPOSIUM ■ IF ANIMALS COULD SPEAK: NEGOTIATING RELATIONAL DYNAMICS BETWEEN HUMANS AND ANIMALS

Room: C125 & C126

Time: 1:00 p.m.–3:15 p.m.

Chairs: Tiyas Bhattacharyya and Sophie Miller

Participants:

- 1:00 Benjamin Arbuckle—Animals Do Speak but Are We Listening? Perspectivism, Slow Zooarchaeology, and Contemplating Animal Domestication
- 1:15 Sophie Miller—A Tale of Dead Kitties: Theorizing Human-Animal Companion Relationships and Social Domestication through the Anatomization of Ancient Cats
- 1:30 Theo Kassebaum—Constructing the Herd: Critically Considering the Temporality of Human-Animal Relations in Archaeological Analysis
- 1:45 Jacqueline Meier, Thalia Lynn and Kim Shelton—From Agamemnon to the Animals: Zooarchaeological Research on Human-Animal Boundaries at Mycenae, Greece
- 2:00 Rande Fladeboe—The Ethics of Macaw Keeping in the Prehistoric Southwest and Northwest Mexico
- 2:15 Tiyas Bhattacharyya—An Examination of the Multiple Roles of Wild and Domestic Animals Excavated from the Vat Komnou Cemetery (200 BCE–400 CE) at Angkor Borei, Cambodia
- 2:30 Jo Osborn—Fishing with Dogs: Canine Contributions to Andean Maritime Communities
- 2:45 Rachel Briggs and Heather Lapham—Native Eastern Woodland Edible Metaphors of Pig and Bear
- 3:00 Questions and Answers

[129] SYMPOSIUM ■ AN EXCHANGE OF IDEAS: RECENT RESEARCH ON MAYA COMMODITIES

Room: B117

Time: 1:00 p.m.–3:15 p.m.

Chair: J. Gregory Smith

Participants:

- 1:00 M. Kathryn Brown, Jennifer Cochran and Rachel Horowitz—Middle Preclassic Marine Shell Production and Ritual Deposition at the Sites of Blackman Eddy and Las Ruinas de Arenal, Belize
- 1:15 Colleen Hanratty and Thomas Guderjan—A Reexamination of the Distribution of Jade Artifacts at the Maya Site of Blue Creek in Northwestern Belize
- 1:30 Rachel Horowitz, Damien Marken and Damaris Menéndez—Utilitarian Lithics as Commodities: Comparing Classic Period Specialized and Multi-craft Producers in the Maya Lowlands
- 1:45 Claire Ebert, John Walden, Victor Gonzales Avendano, Rafael Guerra and

- Jaime Awe—Documenting Domestic Economies in the Eastern Maya Lowlands through Obsidian Exchange
- 2:00 Heather McKillop—Identifying Salt Cakes as Commodities in the Classic Maya Marketplace Economy
- 2:15 Ken Seligson—Whose Lime Is It Anyway? Burnt Lime as Commodity in the Classic Period Northern Lowlands
- 2:30 J. Gregory Smith and Alejandra Alonso Olvera—Crafting Chert Commodities at Santa Cruz, Yucatan, Mexico
- 2:45 Jennifer Mathews and Scott Fedick— Gift of the Gods: A Mashup of the History of Mesoamerican Avocados
- 3:00 Brett Houk and Brooke Bonorden—Chicle and the San Pedro Maya of British Honduras

[130] SYMPOSIUM ■ HEARTH, EARTH OVENS, AND THE CARBOHYDRATE REVOLUTION: INDIGENOUS SUBSISTENCE STRATEGIES AND COOKING DURING THE TERMINAL PLEISTOCENE AND EARLY HOLOCENE IN NORTH AMERICA

Room: A108 & A109

Time: 1:00 p.m.–3:15 p.m.

Chairs: Charles Koenig and Katelyn McDonough

Participants:

- 1:00 Stephen Black—Carbohydrate Revolution Conceived: Alston Thoms's Legacy
- 1:15 Kandace Hollenbach—Beyond Boiling and Baking? Cooking Plant Foods in the Early US Midsouth
- 1:30 Bryon Schroeder—For Fiber or Fiber: Paleoarchaic Desert Plant Baking as Calories or Raw Material?
- 1:45 Charles Koenig, Leslie Bush, J. Kevin Hanselka, Chase Mahan and Amanda Castañeda—Early Holocene Earth Oven Cooking in Southwest Texas
- 2:00 Crystal Dozier—Fueling Earth Oven Usage: Differential Trends in the Southern and Central Plains
- 2:15 Stefania Wilks and Lisbeth Louderback—Geophyte Exploitation in Northern Great Basin: Starch Granule Analysis of Bedrock Metates in Warner Valley, Oregon
- 2:30 Haden Kingrey, Geoffrey Smith, Dennis Jenkins, Lisa-Marie Shillito and John Blong—Starch Grain Analysis of Late Pleistocene–Early Holocene Coprolites and Ground Stone from Two Northern Great Basin Rockshelters
- 2:45 Briana Doering, Grace Stanford, Cassandra Dutro and Joshua Reuther—What's Hot in Beringia? Cooking during the Pleistocene–Holocene Transition in Central Alaska
- 3:00 Katelyn McDonough and Madeline Mackie—Cooking across the Continent: Overview of Pleistocene Archaeobotanical Remains and Exploration of Biases Affecting Botanical Visibility

[131] SYMPOSIUM ■ BEYOND LEAKY PIPELINES: EXPLORING GENDER INEQUALITIES IN ARCHAEOLOGICAL PRACTICE

Room: C123

Time: 1:00 p.m.–3:30 p.m.

Chairs: Sarah Kurnick and Samantha Fladd

Participants:

- 1:00 Sarah Kurnick and Samantha Fladd—Inequity Critiques: Fit, Prestige, and the Don Quixote Effect
- 1:15 Jessica MacLellan—Is a Woman’s Place in the Household? Gender, Prestige, and Feminized Archaeology
- 1:30 Adriana De León, Jocelyne Ponce and Luisa Galo—Authorship and Practice in Guatemalan Archaeology through an Intersectional Lens
- 1:45 Laura Heath-Stout—Archaeology Moms: Mobility, Parenting, and Privilege in Archaeology
- 2:00 Kelsey Hoppes, Sarah Kurnick and Samantha Fladd—The Names We Know: Labor and Prestige in Archaeological Publishing
- 2:15 Nala Williams—“To Have Expertise Be Recognized”: Black Women Archaeologists, Obligation, and Archaeological Expertise
- 2:30 Katelyn Bishop, Samantha Fladd and Sarah Kurnick—Who Makes the List: An Examination of Inclusion and Representation in the Society for American Archaeology’s Annual Meetings
- 2:45 Scott Hutson, Bruno Athie Teruel, Rodolfo Canto Carrillo and Jaycee Castro—The Impact of Gendered Mentorship in the Leak between Dissertation Programs and Tenure-Track Jobs
- 3:00 Sarah Simeonoff, Marie Matsuda and Breeanna Charolla—“A Masculine Occupation”: Women in CRM
- 3:15 Samantha Fladd, Sarah Kurnick and Katelyn Bishop—Where Have All the Women in Archaeology Gone: Gender (In)Equity in Tenure-Track/Tenured Academic Jobs

[132] SYMPOSIUM ■ ON DISCIPLINARY CULTURE: CHALLENGING TRADITIONAL POWER AND KNOWLEDGE STRUCTURES WITHIN ARCHAEOLOGY PART II

Room: A103 & A104

Time: 1:00 p.m.–3:30 p.m.

Chair: Danny Sosa Aguilar

Participants:

- 1:00 Michael D’Aprix—Divided Attention: The Need to Reassess the Institutionalality of Archaeology
- 1:15 Laurie Rush—NAGPRA vs. Northwestern: It’s Personal
- 1:30 Pierre Desrosiers, Doug Odjick, Merv Sarazin, Ian Badgley and Lyle Anderson—A First Anishinabe Archaeological Field School in Ottawa
- 1:45 Danny Sosa Aguilar and Felicia De Peña—Practical Approaches to Indigenous Archaeology in Cultural Resource Management

- 2:00 Sarah Hinkelman and Robert Cook—"There Are No Living Indians": Exploring the Inadequacies of Education in the US Midwest Regarding Native Americans
- 2:15 Nathan Klembara—The Position of Archaeology within the Academic Disciplines: Contemporary Views from Practicing Archaeologists
- 2:30 Anna Coon and Julia Furlong—The Washington Archaeology Mentorship Program: Community Tools for Addressing Systemic Inequalities
- 2:45 Manek Kolhatkar—CRM Workers Are Key to Changing Archaeology: Epistemic Lessons from Quebecois Practitioners
- 3:00 Marianne Sallum, Julieta Flores-Muñoz and Francisco Silva Noelli—Decolonizing Latin American Archaeology: "Affective Alliances" with Communities of Practice
- 3:15 Charlotte Williams—Containing Archaeology: Categorization, Hidden Labor, and the Social Lives of Archaeological Ephemera

[133] SYMPOSIUM ■ MATERIALITY OF MEANINGS AND AESTHETICS: ART AND CRAFT IN THE ARCHAEOLOGICAL RECORD PART I

Room: B113

Time: 1:00 p.m.–3:30 p.m.

Chair: Annabeth Headrick

Participants:

- 1:00 James Meierhoff—Tikal's Missing Carved Wooden Lintel
- 1:15 David Yoder—The Anthropomorphic Figurine Tradition of the Fremont Archaeological Culture
- 1:30 Annabeth Headrick—Now You See Her, Now You Don't: Female Gender and Its Contexts at Teotihuacan
- 1:45 Jacob Lozano—Stories in Stone: Scribal Traditions and Practices of the Dolores-Poptun Corridor
- 2:00 Karime Castillo—A Nineteenth-Century Furnace in Guadalajara, Jalisco, Mexico
- 2:15 Ryohei Takatsuchi, Karina López Hernández and Víctor Cortés Meléndez—A Symbolic Consideration of Birds in Teotihuacan and Mexico-Tenochtitlan
- 2:30 Maline Werness-Rude—The Chocholá Style: Expanding the Corpus, Part 2
- 2:45 Kaylee Spencer—Classic Maya Cache Vessel Texts and the Stories They Tell
- 3:00 Danielle Buffa, George Manahira, Zafy Maharesy Chrisostome, Felicia Fenomanana and Kristina Douglass—Adorning Localities: An Investigation of Shell Beads in Holocene Southwestern Madagascar
- 3:15 Lorraine Williams-Beck—Material Signatures for Idolatry in Sixteenth- to Eighteenth-Century Viceregal Yucatan

**[134] SYMPOSIUM ■ CORPOREAL CONCERNS: STUDIES IN
BIOARCHAEOLOGY AND BODY MODIFICATION PART I**

Room: B118 & B119

Time: 1:00 p.m.–3:45 p.m.

Chair: Brooke Creager

Participants:

- 1:00 Derek Hamilton, Kerry Sayle and Katharine Steinke—A Multiscalar Approach to Mobility: Interpreting Sulfur Isotope Values within Relative and Absolute Chronological Frameworks
- 1:15 Rachel Witt, Gabriel Prieto, John Verano and Alan Chachapoyas—Death that Endures: A Bioarchaeological and Biogeochemical Study of Human Sacrifices from the Moche Valley, Peru
- 1:30 Katharine Woollen and Jennifer Byrnes—Applying a Social Autopsy Theoretical Framework to Bioarchaeological Analyses
- 1:45 Brooke Creager—A Stable Isotopic Investigation into Diet and Mobility at the Medieval Cemetery at Sutton Road, Milton, Oxfordshire
- 2:00 Sarah Hall, Claudia Rojas-Sepúlveda and Kelly Knudson—Migration and Inequality: Using Biochemistry in a Historical Skeletal Assemblage from Bogota, Colombia
- 2:15 Hannah Koon and Mandi Curtis—Changing Diets: Using Stable Isotopic Micro-sampling Approaches to Explore Dietary Changes throughout Life
- 2:30 Benjamin Schaefer, Gabriel Prieto, John Verano and Michael Colton—Assessing Systemic Stress from Archaeological Hormones Recovered from Hair of Human Sacrifices at Huanchaquito Las Llamas, Peru (~1450 CE)
- 2:45 Genesis Torres Morales, Celeste Gagnon, Gabriel Prieto and John Verano—Understanding Vertebral Anomalies and Growth Patterns during the Late Intermediate Period (AD 1000–1470) in the Huanchaco Bay Area, Peru
- 3:00 Angelina Locker—Ancient Maya Placemaking: An Isotopic Assessment of Ancestry, Memory, and Body Partibility
- 3:15 Shannon Monroe, Sören Stark and Sirodj Mirzaakhmedov—Preliminary Results of Skeletal Analysis from the Early Muslim Period Cemetery of Bukhara (Uzbekistan)
- 3:30 Kirsten Mink, Antonio Beardall, Victoria Izzo and Jaime Awe—Where the Temple Meets the Road: Salvage Burial Excavation in San Ignacio, Cayo District, Belize

**[135] SYMPOSIUM ■ ONE IF BY LAND, TWO IF BY SEA: UNDERWATER,
ISLAND, AND SHORELINE ARCHAEOLOGIES PART II**

Room: B116

Time: 1:00 p.m.–3:45 p.m.

Chair: L. Antonio Curet

Participants:

- 1:00 L. Antonio Curet and Jorge Estevez—Where Is the Chief? A Reevaluation of the Concepts of Chiefdoms and Cacicazgos in Caribbean Archaeology
- 1:15 Alan Simmons—The Hippos Who Would Not Die: Akrotiri Aetokremnos, Cyprus, and a Scientific Dilemma
- 1:30 Carola Flores-Fernandez, Gabriela Covarrubias and Felipe Rivera—Manufacture Marks on Shell Fishhooks: Technological Knowledge and Tradition of Coastal and Maritime Societies along the Pacific Coast of Chile
- 1:45 Trevor Gittelough—Reservoirs of Knowledge: An Examination of Inundated Resources
- 2:00 Katherine Woo—Middeningly Difficult: Methodological Advances in the Identification and Analysis of Submerged Midden Sites
- 2:15 Katharine Reinhart, Alexander Patterson and David Landon—Coastal Continuity on the Wampanoag Landscape: Recent Analyses of the Woodland Period Occupation at the Cole's Hill Archaeological Site (19-PL-984) in Plymouth, Massachusetts
- 2:30 Michelle Gray—Afro-Caribbean Ceramics of St. Croix: The Intersection of Clay Sourcing Analyses and Afro-Crucian Heritage
- 2:45 Kristin Hoppa—Limuw as a Cultural Landscape: Precontact Sites on Eastern Santa Cruz Island
- 3:00 Amy Borgens—The 1817 Privateer Ghost Fleet of Matagorda, Texas, and the Search for Louis-Michel Aury's Lost Port
- 3:15 Daniel Shoup and Molly Fierer-Donaldson—CA-ALA-11: A Middle Period Site and Cemetery on the Oakland Estuary
- 3:30 E. James Dixon—The Archaeology of Shuká Káa Cave: Final Report

[136] SYMPOSIUM ■ COLLABORATIVE AND COMMUNITY ARCHAEOLOGY**Room:** Ballroom 204**Time:** 1:00 p.m.–4:00 p.m.**Chair:** Charles Bello**Participants:**

- 1:00 Charles Bello—Introduction to Symposium: Collaborative and Community Engaged Scholarship and Case Studies
- 1:15 Suzie Thomas and Anna Wessman—Finder-Collectors: Untapped Potential for Collaborative Engaged Scholarship
- 1:30 Carolyn Dillian—Collaborative Archaeology in the Classroom
- 1:45 Howard Higgins, Brenda Ireland and Sandra Marian—A View from the Bridge: The Role of Anthropological Consultation in the Twenty-First Century
- 2:00 Kevin Nolan, Talon Silverhorn, Glenna Wallace, Joseph Blanchard and Garet Couch—Toward a Balanced Public History in the Ohio Country: Collaborative Interpretation of the Histories of the Shawnee Nations at Great Council State Park

- 2:15 Bonnie Pitblado, Delaney Cooley, Horvey Palacios, Bobi Deere and Kaylyn Moore—Community-Engaged Scholarship and the Oklahoma Public Archaeology Network
- 2:30 Rebecca Hawkins, Krystiana Krupa and Jayne-Leigh Thomas—Holding Ground: Reconsidering the Sensitivity of Backdirt in the Context of NAGPRA
- 2:45 Emily Dean—Improving Educational Accessibility through Collaborative Archaeology
- 3:00 Ronald Maldonado—The Impact of COVID on Community Collaboration on the Navajo Nation
- 3:15 Wei Chu—Discussant
- 3:30 Howard Higgins—Discussant
- 3:45 Questions and Answers

[137] SYMPOSIUM ■ THE EXPANDING BAYESIAN REVOLUTION IN ARCHAEOLOGY

(Sponsored by the SAA QUANTARCH: Quantitative Methods & Statistical Computing in Archaeology Interest group)

Room: BI 12

Time: 1:00 p.m.–4:00 p.m.

Chairs: Erik Otárola-Castillo and Jesse Wolfhagen

Participants:

- 1:00 Erin Baxter, Steve Nash, Michele Koons and Erick Robinson—Bayesian-Based Rethink on AMS Dates from Tularosa Cave, NM
- 1:15 Deborah Leishman and Jean Pike—Analysis of a Bayesian Network Methodology for Site Similarity Assessment
- 1:30 Jesse Wolfhagen—Cyclical Regression Modeling of $\delta^{18}\text{O}$ Isotopic Profiles on Sparse Samples with Bayesian Multilevel Modeling
- 1:45 Benjamin Utting—Bayesian Approaches for Attribute Analysis of Lithic Assemblages
- 2:00 Erik Otárola-Castillo, Melissa Torquato, Jesse Wolfhagen and Matthew E. Hill Jr.—Bayesian Multilevel Models of Diachronic Dietary Trajectories (DDTs) from 13,000 years of Great Plains Faunal Exploitation
- 2:15 Nicolas Gauthier—Integrating Archaeological Models and Data with Bayesian Data Assimilation
- 2:30 Melissa Torquato—Nuts for Nuts: Assessing Hypotheses of Nut Preparation and Cracking Experiments
- 2:45 Jonathan Paige and Charles Perreault—Are Changes in Rates of Technological Change Robust to Error? A Paired Bayesian and Simulation Approach to Assessing the Pleistocene Record
- 3:00 Trevor Keevil, Melissa Torquato, Sarah Coon, Daniel Joyce and Erik Otárola-Castillo—Archaeological Evidence of Human Hunting and North American Megafauna Extinctions: A Statistical Reassessment of the Fenske Bone Surface Modifications

- 3:15 Marcus Hamilton—Toward a Bayesian Epistemology of Anthropology and Archaeology
 3:30 Jesse Wolfhagen—Discussant
 3:45 Erik Otárola-Castillo—Discussant

[138] SYMPOSIUM ■ DEEPENING ARCHAEOLOGY'S ENGAGEMENT WITH BLACK STUDIES

Room: A106

Time: 1:00 p.m.–4:00 p.m.

Chairs: Matthew Greer and Suzanne Spencer-Wood

Participants:

- 1:00 Matthew Greer—Whiteness in Relation: Black Studies and the Racializing Assemblages of the Antebellum South
 1:15 Flordeliz Bugarin—The Contributions of Archaeology to the Story of the African World
 1:30 Jennifer Saunders—“From Enslavement to Empowerment” and What Comes After: Plantation Futures on a Palimpsestic Landscape
 1:45 Emily Draicchio—Excavating Archives: Locating Enslaved Quarters and Mapping Enslaved People in New Brunswick's Loyalist Landscape
 2:00 Kathryn Deeley—Using Historical African American Scholars' Writings to Understand the Materiality of Nineteenth-Century African American Communities in Annapolis, Maryland
 2:15 C. Broughton Anderson—Home: Place, Space, Survival, Resistance
 2:30 Anna Agbe-Davies—Making Race Women: Intellectual and Material Contributions to Understanding Black Lives in the Early Twentieth Century
 2:45 Danielle Cathcart and Suzanne Spencer-Wood—Public/Private Consumption in the Performance of Respectability and Gentility at 71 Joy Street, Boston, MA
 3:00 Suzanne Spencer-Wood—Empowering Social Justice by Developing a Black Feminist Intersectionality Theoretical Perspective to Increase the Inclusiveness of Historical Markers in Detroit and Wayne County
 3:15 Stefan Woehlke—Linking Black Studies and Archaeology through an Intersectional Materialism
 3:30 Kathleen Sterling—The History and Practice of European Prehistory through a Black Feminist Lens
 3:45 Questions and Answers

[139] SYMPOSIUM ■ A DECADE OF MULTIDISCIPLINARY RESEARCH AT CASTILLO DE HUARMEY, PERU

Room: A107

Time: 1:00 p.m.–4:00 p.m.

Chairs: Milosz Giersz, Weronika Tomczyk and Patrycja Prządka-Giersz

Participants:

- 1:00 Julia Chyla—Landscape Context of Castillo de Huarmey

- 1:15 Milosz Giersz, Alan Hogg and Branden Rizzuto—The Absolute Chronology of Castillo de Huarmey
- 1:30 Patrycja Prządka-Giersz—Elite Craft Specialists and Artists at Castillo de Huarmey
- 1:45 Roberto Pimentel Nita—Potters of Castillo de Huarmey: Confluence, Production, and Innovation of Ceramics
- 2:00 Emanuela Rudnicka—Iconographic, Technological, and Contextual Analysis of Wari Pyro-Engraved Gourds from Castillo de Huarmey, Peru
- 2:15 Patricia Knobloch, Milosz Giersz, Brandi MacDonald and Michael Glascock—Partnering for Power: Castillo de Huarmey Relations with the Wari
- 2:30 Krzysztof Makowski—The Role of Pachacamac and Castillo de Huarmey in the Wari World: A Comparison
- 2:45 Wiesław Wieckowski—Elites, Craftsmen, or . . . Commoners? Ten Years of Bioarchaeological Research at Castillo de Huarmey
- 3:00 Monika Lis—Analysis of Physical Activity Pattern of Women from the Castillo de Huarmey Mausoleum, Peru
- 3:15 Weronika Tomczyk—Discussant
- 3:30 Questions and Answers
- 3:45 Milosz Giersz—Discussant

[140] SYMPOSIUM ■ MORE THAN JUST NUTRITION: FOODWAYS, PLANTSCAPES, AND COMMUNITY

Room: BI 15

Time: 1:00 p.m.–4:00 p.m.

Chair: Harper Dine

Participants:

- 1:00 Susan Kooiman and Rebecca Albert—Ancient Indigenous Cuisine: Multiproxy Investigations of Food Choice and Cooking
- 1:15 Julia Sponholtz—Eating Local: Plant Use and Identity in the Cinti Valley, Bolivia, in the Late Intermediate Period
- 1:30 Gabriela Ruiz Vélez—Food Establishments and the Role Women Played in Nineteenth-Century Old San Juan, Puerto Rico
- 1:45 Ferran Cabrero-Miret—Río Chico in the Distant Past of the Pastaza Valley, Ecuador
- 2:00 Mark Schurr, Madeleine McLeester and Terrance Martin—Farmers of the Little Ice Age: Paradox or Enigma?
- 2:15 Victoria Newhall, Amber VanDerwarker and Christopher Pool—An Evaluation of Food during Sociopolitical Transitions at Formative Tres Zapotes
- 2:30 Richard Edwards—Oneota Cuisine: Tradition, Identity, and Community
- 2:45 Esteban Herrera-Parra, Melanie Pugliese and Shanti Morell-Hart—Traditional Dishes and Culinary Improvisations: Elite Gastronomy in the Maya Area

- 3:00 Elizabeth Dresser-Kluchman—Food and Firewood in Gallina, New Mexico
- 3:15 Elspeth Geiger—The Spirit from the Seed: New Microfossil Evidence of Wild Rice in the Upper Great Lakes
- 3:30 Lisbeth Louderback, Bruce Pavlik, Alfonso del Rio and John Bamberg—Detecting Domestication of the Four Corners Potato (*Solanum jamesii* Torr.)
- 3:45 Harper Dine and Steph Miller—A Microbotanical View of Classic Period Households in Central Yaxuna, Yucatán, Mexico

[141] SYMPOSIUM ■ ADVANCES AND NEW PERSPECTIVES IN CENTRAL ASIAN ARCHAEOLOGY

Room: B111

Time: 1:00 p.m.–4:15 p.m.

Chairs: Catherine Klesner and Ann Merkle

Participants:

- 1:00 Emily Coco and Talgat Mamirov—Investigating Stone Tool Recycling Behaviors in Surface Deposits in the Semizbugu Mountains, Kazakhstan
- 1:15 Traci Billings—Investigating the Dietary Economy of Ancient Margiana: Ongoing Archaeobotanical Research at Togolok I (2300–1700 BC)
- 1:30 Zhuldyz Tashmanbetova, Paula Doumani Dupuy and Aidyn Zhuniskhanov—Development of Pastoralism in Prehistoric Central Asia: A Case Study at Koken, East Kazakhstan
- 1:45 Claudia Chang, Sergey Ivanov and Perry Tourtellotte—Landscape Archaeology in the Juuku Valley on the South Side of Lake Issyk-Kul
- 2:00 Alisher Begmatov, Tomoyuki Usami and Husniddin Rahmonov—Excavations at Mingtepa, a Sogdian Town near Samarkand
- 2:15 Mariana Castro—Archaeology of Mining in Central Asia: Current Projects, Approaches, and Limitations
- 2:30 Questions and Answers
- 2:45 Paula Dupuy, Elissa Bullion, Galymzhan Kiyasbek, Erbolat Rakhmankulov and Aidyn Zhuniskhanov—A (Different) Pot for Every Grave: Multiscalar Burial Analysis of a Bronze Age Cemetery in Eastern Kazakhstan
- 3:00 Karen Rubinson and Katheryn Linduff—A Diverse Form of Organization in the Pazyryk Culture
- 3:15 Zachary Silvia—Pit-House Complexes: A New Form of Rural Domestic Architecture in Hellenistic and Post-Hellenistic Central Asia
- 3:30 Ann Merkle—The Hand-Formed Slip-Painted Pottery of the Central Asian Highlands: History, and a Case-Study at Tashbulak
- 3:45 Catherine Klesner—Early Islamic Glazed Ceramics from Bukhara and Tashkent: An Archaeometric Analysis
- 4:00 Sören Stark—Discussant

[142] SYMPOSIUM ■ TO HAVE AND HAVE NOT: A PROGRESS REPORT ON THE GLOBAL DYNAMICS OF WEALTH INEQUALITY (GINI) PROJECT

Room: C122

Time: 1:00 p.m.–4:45 p.m.

Chairs: Tim Kohler, Jessica Munson and Amy Thompson

Participants:

- 1:00 Scott Ortman—Discussant
- 1:15 Adam Green, Iqtedar Alam, Claudette Lopez and Cameron Petrie—Approaching (In)Equality in the Indus Civilization: A Preliminary Analysis of House Size at Mohenjo-daro
- 1:30 Pablo Cruz, Valeria Franco, Jordi López Lillo and Julián Salazar—Social Inequality and Polity Organization in Prehispanic Southern Andean Populations (Argentina and Bolivia, 500 BCE–1500 CE)
- 1:45 Enrico Crema and Charles Simmons—A Hierarchical Bayesian Approach for Estimating Gini Coefficients from House Floor Area: A Case Study from Prehistoric Japan
- 2:00 Amy Thompson and Gary Feinman—Inequality in the Maya Lowlands
- 2:15 Tim Kerig—Wet-Preserved Living Spaces : Measuring Social Inequality from Circum-alpine and Central European Pile and Bog Dwellings
- 2:30 Jessica Munson, Andrés Mejía Ramón, Lorena Paiz, Jill Onken and Jonathan Scholnick—Settlement Density, Household Inequality, and Social Interaction in the Western Maya Lowlands
- 2:45 Questions and Answers
- 3:00 Dan Lawrence, Valentina Tumolo and Pertev Basri—Exploring Long-Term Trends in Wealth Inequality in Ancient Southwest Asia
- 3:15 Benjamin Steere, Jennifer Birch, Claire Auerbach, Marcela Demyan and Alina Karapandzich—GINI and the Indigenous Critique: Dynamics of Equality and Inequality in Eastern North America
- 3:30 Mark McCoy—Wealth Inequality in Polynesia: A Comparison of Evidence from the Hawaiian Islands, Rapa Nui (Easter Island), and Aotearoa (New Zealand), AD 1000–1800
- 3:45 Paul Roscoe—Capitalizing on GINI
- 4:00 Tim Kohler and Amy Bogaard—Summary of Results to Date in Light of Existing Models for the Development of Wealth Inequality
- 4:15 Mary Shenk—Discussant
- 4:30 Michael Smith—Discussant

[143] SYMPOSIUM ■ OUTREACH AND EDUCATION: EXAMPLES OF APPROACHES AND STRATEGIES FROM THE PACIFIC NORTHWEST

Room: C124

Time: 1:00 p.m.–5:00 p.m.

Chair: Kendra Maroney

Participants:

- 1:00 Jamie Litzkow—Beyond Clickbait: Contextualizing Our Shared Heritage in Divisive Times
- 1:15 Dennis Lewarch—Restoring the Culture History of the suq^wabš through Education and Outreach
- 1:30 Jason Cooper—State Agency Public Outreach in the Age of COVID
- 1:45 Fumi Arakawa, Sara Harper, Robin Chistofani, Carly Johnston and Nathan Craig—Inclusiveness and Multivocality: A Case Study from the New Mexico State University (NMSU) Organ Mountains Exhibition
- 2:00 Jenna Peterson and Kendra Maroney—Outreach and Education: Examples from a Federal Agency
- 2:15 Laura Evilsizer—Outreach and Education: Approaches and Strategies from the Montana State Historic Preservation Office
- 2:30 Leah Evans-Janke—How Do We Know What We Know? Tales of Rural Outreach
- 2:45 Questions and Answers
- 3:00 Laura Phillips—Seeing Archaeology When You Can't See: A Pilot Project for Blind/Low-Vision Museum Visitors
- 3:15 Kelly Bush and Julia Furlong—A Case for Early Outreach Designed to Recruit CRM Professionals at the High School and College Level
- 3:30 Jeanne Moe—Archaeology Education for Teachers: Getting Results
- 3:45 Alicia Beat—Word Path: Connecting People to the Landscape and Traditional Indigenous Land Use through Language Preservation: A Collaborative Journey between the Kalispel Tribe of Indians and the Colville National Forest
- 4:00 Christopher Bailey—Community Outreach in Cultural Preservation
- 4:15 John Pouley—Getting Involved: The Benefits of Archaeological Awareness through Public Outreach
- 4:30 Kendra Maroney—Engaging Youth in Archaeology and Cultural Resources: Examples from the Kalispel Natural Resources Department
- 4:45 Questions and Answers

[144] FORUM ■ NUMU; NEME; NEWE; WAŠI•ŠIW: TEEPU COLLABORATIVE AND DECOLONIAL ARCHAEOLOGY: FORGING NEW PATHS AND ALLIANCES IN THE GREAT BASIN

Room: Ballroom 202

Time: 3:00 p.m.–5:00 p.m.

Moderators: Sarah Cowie and Diane Teeman

Participants:

- Michon Eben—Discussant
- Ted Howard—Discussant
- Myra Johnson—Discussant
- Rosie Tom—Discussant

Christina McSherry—Discussant
 Marissa Weaselboy—Discussant

[145] SYMPOSIUM ■ ARCHAEOLOGY FROM WESTERN NORTH AMERICA

Room: A105

Time: 3:15 p.m.–5:00 p.m.

Chair: Loren Davis

Participants:

- 3:15 Gabrielle McPherson—Analysis of Western Stemmed Tradition Stone Tool Patterns and Faunal Remains from Pit Feature 95 at the Cooper's Ferry Site (10IH73), Idaho
- 3:30 Melissa Ghergich—A Synchronic Perspective of Early Holocene Occupation at the Cooper's Ferry Site in Western Idaho
- 3:45 Zachary Newell—Geoarchaeological Prospection for Late Pleistocene Deposits in the Paleo-Tahkenitch River Valley, Oregon Coast
- 4:00 Kirsten Paulson—Lithic Technologies and Faunal Remains From a Terminal Pleistocene Pit Feature at Cooper's Ferry, Idaho
- 4:15 Samantha Stone and Loren Davis—Measuring Past Networks of Cultural Transmission: The Haskett Projectile Point
- 4:30 Stacy Scott—Bye Bye Bye: Vanishing Shorelines and Cultural Resource Management along the Oregon Coast
- 4:45 Molly Kirkpatrick—Assessing the Potential for a Late Pleistocene–Early Holocene Occupation at the Tahkenitch Landing Site (35DO130), Siuslaw National Forest, Oregon Dunes National Recreation Area

[146] SYMPOSIUM ■ CHECKING THE PULSE: CURRENT RESEARCH IN OAXACA PART II

Room: B114

Time: 3:15 p.m.–5:00 p.m.

Chair: Pedro Ramon Celis

Participants:

- 3:15 Victor Salazar Chávez and Jeffrey Blomster—The Corn That We Eat: Feasting on Maize and Maize Diversity in the Early Formative Community of Etlatongo, in the Mixteca Alta of Oaxaca
- 3:30 Rebecca Sigafoos, Jeffrey Blomster and Victor Salazar Chávez—Dogs, Dinners, and Deposition: The Social Role of *Canis lupus familiaris* in Cruz B Households in Etlatongo, Nochixtlán, Oaxaca
- 3:45 Lacey Carpenter and Leah Minc—State Formation and Economic Integration: New Perspectives from Ceramic Sourcing in the Oaxaca Valley, Mexico
- 4:00 Marijke Stoll—Los Antepasados Eran Más Valientes: Ancient and Modern Movement in the Sierra Sur Mountains
- 4:15 Jeffrey Brzezinski—Reconsidering Time, Matter, and Community in the Monumental Architecture of Coastal Oaxaca, Mexico

- 4:30 Sarah Barber—Discussant
 4:45 Marijke Stoll—Discussant

**[147] SYMPOSIUM ■ FROM THE MATERIAL VESTIGES OF DAILY LIFE:
 ARCHAEOLOGIES OF THE HOUSEHOLD PART I**

Room: C120 & C121

Time: 3:15 p.m.–5:00 p.m.

Chair: Meghan Caves

Participants:

- 3:15 Gerad Smith—Exploring the Antiquity of the Dene Potlatch in Interior Alaska
 3:30 Jesse Brown—Reconstructing the Habitual Workspaces of a Middle Caddo Period Structure at Site 41FN244
 3:45 Matthew Longstaffe, Kathryn Reese-Taylor, Armando Anaya Hernández and Felix Kupprat—The Marketplace Next Door: Socioeconomics at Ximbal Che', an Intermediate-Elite Maya Household at Yaxnohcah (Campeche, Mexico)
 4:00 Christina Rieth—The Archaeology of Schoharie Creek III Site, Schoharie County, New York
 4:15 Meghan Caves—Privy to the Details: Biographies of the Teager/Weimer Site (45SN409) in Arlington, Washington
 4:30 Kelsey Sullivan and Kenichiro Tsukamoto—Preliminary Results of Household Excavations at the Lithic Production Community of Took' Witz at El Palmar, Mexico
 4:45 Ross Harper and Katharine Reinhart—Setting the Table at the ca. 1638 Waterman House Site, Plymouth Colony

**[148] SYMPOSIUM ■ LIMINAL SPACES AND EXCEPTIONAL PRESERVATION:
 ARCHAEOLOGICAL INVESTIGATIONS OF CAVES, CAVERNS, AND
 ROCKSHELTERS**

Room: Ballroom 203

Time: 3:30 p.m.–5:00 p.m.

Chair: William Jerrems

Participants:

- 3:30 Renee Bonzani, Michael Steenken, Jon Endonino, Michael Detisch and Hugo Reyes-Centeno—Morphological and Chemical Signatures of Chenopodium: Application of Optical and Electron Microscopy to Seeds from Experimental and Archaeological Contexts
 3:45 Otar Berikashvili—New Archaeological Data from “Ortvala Cave” (Multilayer Cave Complex from Georgia, South Caucasus)
 4:00 César Méndez and Amalia Nuevo-Delaunay—Tackling the Early Holocene Record in Patagonia
 4:15 J. M. Adovasio—Meadowcroft Rockshelter 2023: Revisit
 4:30 Arlys Nicolás Batalla, Astolfo Araujo, Mercedes Okumura and Casimiro

Munita—A Shell Mound in a Rockshelter? Geoarchaeological Analysis of Shell-Bearing Facies at Maximiano Rockshelter, Iporanga County, São Paulo State, SE Brazil

4:45 William Jerrems—Pleistocene Horses in the Archaeological Record: A Focus on the Great Basin

[149] SYMPOSIUM ■ ARCHAEOLOGICAL PEDAGOGIES FOR CLASSROOM, FIELD, AND LAB PART II

Room: A108 & A109

Time: 3:30 p.m.–5:00 p.m.

Chair: Shannon Hodge

Participants:

3:30 Samantha Taylor, Sarah Lowry and Benjamin Porter—The Partnership of Archaeology and Middle School Social Studies: The Creation of the Curriculum-Guided Cypress Street School Archaeology Project, Guilford County, North Carolina

3:45 Mikaela Razo and Marissa Muñoz—Introducing Educational Methods to Archaeological Content and Practice: A Follow-Up Study of K–12 Summer Camp Curriculum Building

4:00 Caitlin Curtis, Peter Cobb, Ani Avagyan and Gohar Hovakimyan—“From the Field to the Museum”: A New Educational Outreach Program at Vedi Fortress, Armenia

4:15 Fiona Koehnen and Kelly Bush—Introducing Archaeological Methods to Elementary School–Age Students: Outreach Contributing as a Solution to the CRM Labor Crisis

4:30 Shannon Hodge—Archaeology Education in Bioarchaeology and Human Osteology: Value and Values of Experiential Service Learning

4:45 Carol Colaninno, Emily Beahm, Carl Drexler, Shawn Lambert and Cassidy Rayburn—From Archaeological Students to Emerging Practitioners: Voice, Autonomy, and Agency as Field School Teaching Tools

[150] SYMPOSIUM ■ ARCHAEOLOGICAL STUDIES OF HUMAN-ENVIRONMENT RELATIONSHIPS PART III

Room: C125 & C126

Time: 3:30 p.m.–5:00 p.m.

Chair: Paul Buckner

Participants:

3:30 Elie Pinta and Claudia Baittinger—Managing Wooden Resources in Norse Greenland: Using Tree Rings to Explore Wood Use and Acquisition Strategies in a “Treeless” Environment

3:45 Grant Snitker, Sean Bergin, Jonathan Paige and Anna Jansson—Exploring High-Elevation Social-Ecological Relationships through Two Pilot Field Seasons of the Central Cascades Alpine Land-Use and Fire History Project

- 4:00 Myrtle Shock, Claide Paula Moraes and Manoel Fabiano Silva Santos—Amazonian Palm and Tree Fruits Fed Residents during the Pleistocene–Holocene Transition
- 4:15 Paul Buckner—Over the Hills and Far Away: Evaluating Competing Models for Early Ceramic Period Mobility in the Southern Rocky Mountains
- 4:30 Caitlyn Bailey and Jacob Fisher—Nutritional Benefits of Bone Fat in Rabbits (*Leporidae*): Implications for Understanding Prehistoric Human Foraging
- 4:45 Lydie Dussol, Kenneth Hirth and Timothy Scheffler—Holocene Vegetation Changes and Fuel Use in the Honduran Highlands: The Anthracological Sequence of El Gigante Rockshelter (11,000–1000 BP)

[151] SYMPOSIUM ■ ARCHAEOLOGY HISTORY AND THEORY

Room: Ballroom 201

Time: 3:30 p.m.–5:00 p.m.

Chair: Kacy Hollenback

Participants:

- 3:30 Daniel LaDu—Revisiting Interaction Sphere Theory
- 3:45 Trace Fleeman Garcia—The Phantom Lake: Spectral Archaeology in the Tulare Basin
- 4:00 Christina Torres—Recovering Lost Excavations: Reconstructing Burials from the University of California Excavations at Guatacondo, Chile (1967–1969)
- 4:15 Joseph Wayman—Several Fallacies Handicap Thinking Regarding Pleistocene LCTs: For Example, the Victorian Pet Name “Handaxe” Has Biased Minds with Assumed Behavior for 150 Years
- 4:30 Leslie Sesler—The Famous, the Infamous, and the Unknown: A Just-So Story at the Intersection of Archaeology and History in Canyon of the Ancients National Monument, Southwest Colorado
- 4:45 Kacy Hollenback and Sarah Trabert—Recent Trends in North American Great Plains Archaeological Research

[152] SYMPOSIUM ■ ARCHAEOLOGICAL STUDIES OF LITHICS PART II

Room: B117

Time: 3:30 p.m.–5:00 p.m.

Chair: Andrea Picin

Participants:

- 3:30 Scott Byram, Kent Lightfoot and Jun Sunseri—Projectiles or Pikes? Clovis Point Attributes and Braced Weapon Use
- 3:45 Andrea Picin, Katarzyna Kerneder-Gubala, Damian Stefanski and Sahra Talamo—Weichselian Climatic Fluctuations and Neanderthals’ Technical Behaviors in Central Europe
- 4:00 Edgar Carpio—An Amazing Deposit of Obsidian Blades in a Sector of Kaminaljuyu, Guatemala

- 4:15 Gayoung Park, Marelize Lombard, Ben Marwick and Donghee Chong—A Study of the Function of Korean Late Paleolithic Stemmed Points Using Tip Cross-Sectional Area (TCSA)
- 4:30 Nathan Parrott, Armando Anaya Hernández and Kathryn Reese-Taylor—The Sakjol Marketplace of Yaxnohcah, Campeche, Mexico
- 4:45 Caitlin Doherty—Smith Creek Cave Revisited: An Analysis of Western Stemmed Tradition Raw-Material Procurement Strategies and Lithic Technological Organization in the Bonneville Basin

Friday Evening ■ March 31, 2023

ANNUAL BUSINESS MEETING AND AWARDS PRESENTATION

Room: Ballroom 204, Oregon Convention Center

Time: 5:00 p.m.–6:30 p.m.

UCLA COTSEN INSTITUTE RECEPTION (BY INVITATION ONLY)

Room: Multnomah Room, Hyatt Regency

Time: 6:45 p.m.–9:00 p.m.

ZOOARCHAEOLOGY INTEREST GROUP MEETING

Room: A106, Oregon Convention Center

Time: 6:45 p.m.–8:00 p.m.

ARCHAEOBOTANY INTEREST GROUP MEETING

Room: Columbia I, Hyatt Regency

Time: 6:45 p.m.–8:15 p.m.

BIOARCHAEOLOGY INTEREST GROUP MEETING

Room: A105, Oregon Convention Center

Time: 6:45 p.m.–8:15 p.m.

QUANTARCH INTEREST GROUP MEETING

Room: B114 Oregon Convention Center

Time: 6:45 p.m.–8:15 p.m.

PUBLIC ARCHAEOLOGY INTEREST GROUP MEETING

Room: Ballroom 203, Oregon Convention Center

Time: 6:45 p.m.–8:15 p.m.

QUEER ARCHAEOLOGY INTEREST GROUP MEETING

Room: A108 & A109, Oregon Convention Center

Time: 6:45 p.m.–8:15 p.m.

STUDENT MEMBER TOWN HALL

Room: Ballroom 201, Oregon Convention Center

Time: 6:45 p.m.–8:15 p.m.

AMERICAN ANTIQUITY EDITORIAL BOARD MEETING

Room: Willamette 9, Hyatt Regency

Time: 6:45 p.m.–8:15 p.m.

GEOARCHAEOLOGY INTEREST GROUP MEETING

Room: B111, Oregon Convention Center

Time: 6:45 p.m.–8:15 p.m.

TASK FORCE 3-ETHICS MEETING

Room: Willamette 3, Hyatt Regency

Time: 6:45 p.m.–8:15 p.m.

ISLAND AND COASTAL ARCHAEOLOGY INTEREST GROUP MEETING

Room: B115, Oregon Convention Center

Time: 6:45 p.m.–8:15 p.m.

ARCHAEOLOGIST-COLLECTOR COLLABORATION INTEREST GROUP MEETING

Room: B113, Oregon Convention Center

Time: 6:45 p.m.–8:15 p.m.

LITHIC TECHNOLOGY AND ANALYSIS INTEREST GROUP MEETING

Room: B116, Oregon Convention Center

Time: 6:45 p.m.–8:15 p.m.

TASK FORCE ON EMPLOYMENT MEETING

Room: C122, Oregon Convention Center

Time: 6:45 p.m.–8:15 p.m.

MARS INTEREST GROUP MEETING

Room: C120 & C121, Oregon Convention Center

Time: 6:45 p.m.–8:15 p.m.

A FORWARD VISION FOR WAIG AT 25 YEARS

Room: C123, Oregon Convention Center

Time: 6:45 p.m.–8:15 p.m.

A FAREWELL TO DEB NICHOLS

Room: Ballroom Lobby, Oregon Convention Center

Time: 6:45 p.m.–8:15 p.m.

HERITAGE EDUCATION NETWORK OPEN RECEPTION

Room: Ballroom 203, Oregon Convention Center

Time: 8:30 p.m.–10:00 p.m.

Saturday Morning ■ April 1, 2023

COMMITTEE AND TASK FORCE CHAIRS BREAKFAST (BY INVITATION ONLY)

Room: Columbia 2, Hyatt Regency

Time: 7:00 a.m.–8:00 a.m.

ADVANCES IN ARCHAEOLOGICAL PRACTICE EDITORIAL BOARD MEETING

Room: Columbia 4, Hyatt Regency

Time: 8:00 a.m.–10:00 a.m.

SAA BOARD MEETING 2

Room: Columbia 3, Hyatt Regency

Time: 8:00 a.m.–12:00 p.m.

[153] SYMPOSIUM ■ ARCHAEOLOGY AND INDIGENOUS ISSUES IN HOKKAIDO ISLAND, JAPAN

Room: A103 & A104

Time: 8:00 a.m.–9:30 a.m.

Chair: Carol Ellick

Participants:

- 8:00 Hirofumi Kato—Current Issues of Archaeological Decolonization in Hokkaido
- 8:15 Joe Watkins—Japanese or Ainu? Does the Term “Jomon” Delegitimize the Ainu as an Indigenous People?
- 8:30 George Nicholas—Unresolved Indivisibility: Protecting and Respecting Ainu Intangible and Tangible Heritage
- 8:45 Carol Ellick—Field School on the Road: An Archaeological Experience without a Site
- 9:00 Zoe Eddy—Discussant
- 9:15 William Fitzhugh—Discussant

[154] SYMPOSIUM ■ ARCHAEOLOGICAL STUDIES OF LITHICS PART III

Room: C125 & C126

Time: 8:00 a.m.–9:30 a.m.

Chair: Cynthia Hannold

Participants:

- 8:00 Venice Jakowchuk—Comparative Stylistic Analysis of Calixtlahuaca Projectile Points
- 8:15 Amy Reid—Prehistoric Lithic Economies at the Spring Lake Site, San Marcos, Texas
- 8:30 Phyllis Johnson—Obsidian Blade Production, Social Inequality, and Agency at the Classic Maya Capital of Tamarandito
- 8:45 Cynthia Hannold, Aura Barrientos, Alexandre Tokovinine and Francisco

- Estrada-Belli—Teotihuacan Style in Maya Stone: New Evidence from La Sufricaya
- 9:00 Alana Pengilly and Fred Valdez—It’s What’s on the Inside That Counts: New Approaches to Sourcing Mayan Chert Artifacts from Belize
- 9:15 Allan Maca—Mushroom Stones of Mesoamerica, a Statistical Analysis

[155] SYMPOSIUM ■ AT THE INTERSECTIONS OF COMMUNITY, REGULATION, AND DEVELOPMENT: CONVERSATIONS IN HISTORIC PRESERVATION AND MANAGEMENT PART I

Room: C122

Time: 8:00 a.m.–9:45 a.m.

Chair: Andrea Shiverdecker

Participants:

- 8:00 Autumn Cool—The Necessity of Subterranean Investigations for Significance Evaluations of Abandoned Mines
- 8:15 Matthew Podolinsky and Elizabeth Hora—Signage and Protection: The Effect of Moral and Threat Appeals at Reducing Depreciative Behaviors at Rock Art Sites
- 8:30 Ryan Seidemann and Christine Halling—Disturbed Rest: The Destruction and Commemoration of an African-American Cemetery in Haughton, LA—A Collaboration of Archaeology, Ethnology, Law Enforcement, and Community
- 8:45 Andrea Shiverdecker—Innovative Decolonization through Community Archaeology at the Garnet Ghost Town
- 9:00 Kelsey Maloy—A Needed Audit in Perspective around Culturally Modified Trees within the Pacific Northwest
- 9:15 Raveena Manhas-Tamoria, Estelle Praet and John Schofield—Waste Landscapes at UNESCO World Heritage Sites: Challenging the Criteria
- 9:30 Jon Krier, Christopher Ruiz and Marlene Jampolsky—Longevity: The Archaeology of a Chinese Gift Store and Restaurant in Eugene, Oregon’s Market District

[156] FORUM ■ SO YOU WANT TO BE AN ARCHAEOLOGIST: HOW TO GET FROM THE CLASSROOM TO THE PROFESSION

Room: Ballroom 201

Time: 8:00 a.m.–10:00 a.m.

Moderators: Kimball Banks, Jennifer Lapp and David Witt

Participants:

- David Witt—Discussant
- Jennifer Lapp—Discussant
- Kristy Primeau—Discussant
- Josh Torres—Discussant
- Charles Bello—Discussant
- Karin Larkin—Discussant

Rebecca Hawkins—Discussant
 John Martin—Discussant
 Richard Grubb—Discussant

[157] FORUM ■ ARCHAEOLOGY AND CLIMATE JUSTICE: AN ACTION-ORIENTED INTERDISCIPLINARY RESPONSE

Room: Ballroom 203

Time: 8:00 a.m.–10:00 a.m.

Moderators: Meryl Shriver-Rice and Sara Ayers-Rigsby

Participants:

Lori Lee—Discussant
 Karen Herrero-Backe—Discussant
 Isabel Rivera-Collazo—Discussant
 Michael Newland—Discussant

[158] FORUM ■ REGIMES OF THE ANCIENT MAYA: THE FORUM

Room: Ballroom 202

Time: 8:00 a.m.–10:00 a.m.

Moderators: Maxime Lamoureux-St-Hilaire and Marcello Canuto

Participants:

Felix Kupprat—Discussant
 Gyles Iannone—Discussant
 Antonia Foias—Discussant
 Simon Martin—Discussant
 Iyaxel Cojti-Ren—Discussant
 Ellen Bell—Discussant
 Arlen Chase—Discussant
 Marc Zender—Discussant
 Francisco Estrada-Belli—Discussant
 Jason Yaeger—Discussant
 Arthur Demarest—Discussant

[159] SYMPOSIUM ■ DEVELOPING PALEOLITHIC EXCAVATION METHODS FOR THE TWENTY-FIRST CENTURY

Room: B111

Time: 8:00 a.m.–10:00 a.m.

Chairs: Wei Chu and Marie Soressi

Participants:

8:00 Fei Peng—From Zhoukoudian to Shuidonggou: The 100-Year Improvement of Paleolithic Excavation in China

- 8:15 Gerrit Dusseldorp, Hans Huisman, Panagiotis Karkanias, Femke Reidsma and Irini Sifogeorgaki—How to Deal with Homogeneous Stratigraphies: Excavation, Sampling, and Analysis Strategies at Umhlatuzana Rockshelter, Kwazulu-Natal, South Africa
- 8:30 Marcel Kornfeld—Developing Methods of Hunter-Gatherer Archaeology in Western North America: 1983–2022 (or, from Map-O-Matics to Total Stations)
- 8:45 Nicholas Conard—Discussant
- 9:00 Marie Soressi, Vera Aldeias, Wei Chu, Leonardo Carmignani and Igor Djakovic—Profiling the Past: About the Importance of Excavating Side View and Sieving with a Small Mesh for Retrieving Blade/Bladelet Production in Middle Paleolithic and Early Upper Paleolithic Contexts
- 9:15 Benjamin Davies and Jessica Thompson—A Simulation Approach to Developing Field Standards in Spatial Data Acquisition
- 9:30 Jessica Thompson and Benjamin Davies—Equity, Access, and the Privilege of “Best Practice” in Archaeological Fieldwork
- 9:45 Samantha Porter—Discussant

[160] SYMPOSIUM ■ EXAMINING VIOLENCE, WARFARE, AND COERCION THROUGH SPACE AND MATERIAL CULTURE PART I

Room: B117

Time: 8:00 a.m.–10:00 a.m.

Chair: Garrett Silliman

Participants:

- 8:00 Mary Farrell and Nancy Ukai—Who Owns the Past? The Murder of James Wakasa and His Memorial Stone
- 8:15 Thomas Snyder and Randy Haas—Climate Change Intensifies Violence in the South Central Andean Highlands, 1.5–0.5 ka
- 8:30 John Verano, Khristyne Tschinkel, Helen Chavarria and Gabriel Prieto—Warfare and Captive Sacrifice in the Moche World: New Data from Excavations at Pampa la Cruz, Moche Valley, Northern Coastal Peru
- 8:45 Garrett Silliman—Modeling Small-Arms Distribution on Eighteenth-Century Battle Sites
- 9:00 Paul Nick Kardulias and Drosos Kardulias—Insular Resilience at the Edge of Empire: The Early Medieval Kastrá of Kalymnos, Greece
- 9:15 Sarah McDaniel and Michelle Stegner—75,000 troops, 10,000 square miles, 3 months, 8 battles . . . and Only a Handful of Archaeological Sites? Reassessing Archaeology of the World War II Oregon Maneuver Training Exercise
- 9:30 Jon Carroll—Updated Perspectives on Sennacherib’s Siege at Tel Lachish
- 9:45 Mark Sanders and Phyllisa Eisentraut—The Spiro Panoply: An Examination, Structural Analysis, and Hypothetical Re-creation of Middle Mississippian Defensive Equipment and Weapon Systems

[161] SYMPOSIUM ■ CONSIDERING CERAMICS: TECHNOLOGICAL, ECONOMIC, AND SOCIOCULTURAL APPROACHES PART I

Room: Ballroom 204

Time: 8:00 a.m.–10:00 a.m.

Chair: Thatcher Seltzer-Rogers

Participants:

- 8:00 Thatcher Seltzer-Rogers—Between Casas Grandes and Salado: The Establishment of an Indigenous Borderland in the Ancient American Southwest / Mexican Northwest
- 8:15 Aslan Gasimov—Barda in the Transition Stage from Late Antiquity to Islamic Archaeology: Historical and Archaeological Review
- 8:30 Victoria Priola and António Valera—Understanding Site Function and Textile Production in Southwestern Iberia (3400–2000 BCE): The Loom Weights from Perdigões (Alentejo, Portugal)
- 8:45 Jou-chun Lu—Interpreting the Relationship between Political Structure and Different Consuming Strategies of Imported Chinese Ceramics through Comparative Analysis: A Case Study of Eighth–Eleventh-Century Japan
- 9:00 David Doyel—Specialized Pottery Production in Antiquity in the Southwestern United States
- 9:15 Daniel Perez—An Evaluation of Virgin Branch Social and Political Complexity through Painted Ceramic Design and Style
- 9:30 Jessica Smeeks—Societal Boundaries and Material Production: Stylistic and Spatial Analyses of Ceramics from Late Intermediate Sites in the Huamanga Province of Peru
- 9:45 Györgyi Parditka—Site Hierarchy and Ceramic Display: Regional Variation in Bronze Age Ceramic Assemblages in the Eastern Carpathian Basin

[162] SYMPOSIUM ■ ATTENDING TO THE DEAD: STUDIES IN MORTUARY ARCHAEOLOGY PART I

Room: A106

Time: 8:00 a.m.–10:00 a.m.

Chair: Shawn Patch

Participants:

- 8:00 Jessica Rothwell, Anna Alexandropoulou and Jane Buikstra—Love beyond What Is Lost: Expressions of Kinship through Mortuary Practice at Phaleron Cemetery
- 8:15 Shawn Patch—Cemeteries of Enslaved Communities in Granville County, North Carolina
- 8:30 Nicole Slovak, Brittany Ricketts, Christopher Philipp, Stacy Drake and Patrick Ryan Williams—Radiocarbon Dates from the Necropolis of Ancón, Peru
- 8:45 Melissa Burham and Juan Manuel Palomo—Mortuary Practice and Placemaking: The Establishment of a Cemetery during the Preceramic-Preclassic Transition at Ceibal, Guatemala

- 9:00 Kaleigh Best, Jessi Spencer and Mark Wagner—Resting in Meaning: Symbolism from St. Henry's Cemetery (11S1742), East St. Louis, IL, 1866–1908
- 9:15 Rosa Flores Ramírez and Andrés Saúl Alcántara Salinas—La importancia de los rescates arqueológicos: El Caso de la Catedral de Colima
- 9:30 Agustina Vazquez Fiorani, Ian Kuijt and Meredith Chesson—Assembling the Dead and the Living: Funerary Practices within Eastern Populations of the Southern Andes (Tucumán, Northwestern Argentina)
- 9:45 John Schweikart—Saving Sacred Places in Perpetuity: Research Report of Ongoing Archaeological Investigations at Vicksburg National Cemetery, Vicksburg, Mississippi

[163] SYMPOSIUM ■ ADNA RESEARCH IN ARCHAEOLOGY AND FOR ARCHAEOLOGICAL APPLICATION

Room: A107

Time: 8:00 a.m.–10:15 a.m.

Chair: Meradeth Snow

Participants:

- 8:00 Kevin Wann—Exploring Wild Avocado Germplasm through Herbarium Genomes
- 8:15 Robert Stark and Kendra Sirak—Monks and Makurians: Tracing Biology and Mobility at Medieval Ghazali (ca. 680 to 1275 CE)
- 8:30 Meradeth Snow, Michael Searcy, Jakob Sedig and José Luis Punzo Díaz—Genomic Data from Paquimé: Understanding the Cultural and Genetic Ties of the Site
- 8:45 Yuka Shichiza, Katsunori Takase, Hiroshi Ushiro, Thomas Royle and Dongya Yang—Tracing Long-Term Human-Fish Interactions in Hokkaido, Japan, through Ancient DNA Analysis of Pacific Cod (*Gadus macrocephalus*) Remains
- 9:00 Horvey Palacios, Tanvi Honap, Douglas Kennett, Keith Prufer and Cecil Lewis—Ancient Maya Inequality and Oral Microbiome Ecologies from Classic Period Maya Contexts in Southern Belize
- 9:15 Tammy Buonasera, Jelmer Eerkens, Brian Byrd, Monica Arellano and Glendon Parker—Sex-Biased Differences in Infant Mortality and Life Expectancy at Sii Túupentak, an Ancestral Ohlone Village in Central California (ca. 540–145 cal BP)
- 9:30 Eszter Bánffy—Bioarchaeological versus Archaeological Data on the Beginnings of Southeast and Central European Early Neolithic
- 9:45 Nathalie Suarez Gonzalez, Gontran Sonet and Peter Eeckhout—Paleogenetic and Paleopathological Studies at Pachacamac: Methodological Issues and Preliminary Results
- 10:00 Sarah Johnson, Tanvi Honap, Cara Monroe, Marc Levine and Cecil Lewis—Oral Metagenomes from Native American Ancestors Reveal Distinct Microbial Lineages in the Precontact Era

**[164] SYMPOSIUM ■ HUMBLE HOUSES TO MAGNIFICENT MONUMENTS:
PAPERS IN HONOR OF JERRY D. MOORE**

Room: A108 & A109

Time: 8:00 a.m.–11:45 a.m.

Chairs: Alicia Boswell, Elizabeth Klarich and Jason Toohey

Participants:

- 8:00 Janine Gasco—A Lifetime of Fieldwork
 8:15 Matthew Des Lauriers—Remembering the “Forgotten Peninsula”
 8:30 Michael Mathiowetz—Plazas, Proxemics, and Ritual Power: The Main Plaza and Ceremonial Precinct at Paquimé, Chihuahua, and Its Place in a Plaza-Pueblo World
 8:45 María Belen Mendez Bauer and Takeshi Inomata—Ceremonial Spaces and Public Events at the Preclassic Maya Centers of Ceibal, Guatemala, and Aguada Fénix, Mexico
 9:00 Questions and Answers
 9:15 Carolina Vilchez Carrasco—Jerry Moore: Aportes a la arqueología en el extremo noroeste peruano
 9:30 Alicia Boswell and Carol Mackey—Jerry Moore’s Influence on North Coast and Far North Archaeology in Peru, Past and Future
 9:45 Seth Price and Carlos Zapata Benites—Soil Conservation Past and Present: A Study of Archaeological Raised Fields in North Coastal Peru
 10:00 Brian Billman—Discussant
 10:15 Jason Toohey—Experiencing Monumentalism in the Late Archaic Cajamarca Highlands of Peru
 10:30 Scott Smith, Elizabeth Klarich and Andrew Roddick—Beyond Sunken Courts: Jerry Moore’s Influence on Lake Titicaca Basin Archaeology
 10:45 Steve Kosiba—To Build a Mountain and Raise a People: Making and Inhabiting an Inka God’s House (Wanakawre, Cuzco, Peru)
 11:00 Christine Hastorf—Discussant
 11:15 Charles Stanish—Discussant
 11:30 Jerry Moore—Discussant

**[165] SYMPOSIUM ■ PROVISIONING ANCIENT MAYA CITIES: MODELING
FOOD PRODUCTION AND LAND USE IN TROPICAL URBAN
ENVIRONMENTS**

Room: A105

Time: 8:00 a.m.–12:00 p.m.

Chairs: Justin Tran and Sherman Horn

Participants:

- 8:00 Adrian Chase—Grasping the Green Giant: The Epistemology of Ancient Maya Agriculture
 8:15 Justin Tran, Anabel Ford and Sherman Horn—Modeling the Milpa-Cycle: A GIS-Based Approach to Envisioning Ancient Maya Land Use and Traditional Agricultural Practices

- 8:30 Sherman Horn, Justin Tran and Anabel Ford—Modeling the Milpa-Cycle at Classic Period El Pilar: A New Method for Assessing Maya Subsistence Production
- 8:45 Eric Fries—Regional Agricultural Potential at the Aguacate Sites, Western Belize
- 9:00 Bernadette Cap, Jason Yaeger and M. Kathryn Brown—Modeling Agricultural Production in the Mopan Valley, Belize
- 9:15 John Walden, Olivia Ellis, Claire Ebert, Julie Hoggarth and Jaime Awe—Classic Maya Agriculture and Traditional Milpa-Cycle Practices in the Upper Belize River Valley
- 9:30 Shane Montgomery and Holley Moyes—Lend Me Your Ears: Modeling Traditional Maize Production at Las Cuevas, Belize
- 9:45 Damien Marken—Discussant
- 10:00 Luke Auld-Thomas and Marcello Canuto—The MAUP and the Milpa: Analytical Scale and the Problem of Lowland Maya Sustainability
- 10:15 Melvin Rodrigo Guzman Piedrasanta—Settlement Pattern and Land Use at Holtun, Guatemala
- 10:30 Stone Shi, Megan Kresse, Thomas Moran, Anabel Ford and Robert Carr—Modeling the Milpa at Tikal: New Dimensions of the Carr and Hazard Map
- 10:45 Andrés Mejía Ramón, Jessica Munson, Jill Onken and Lorena Paiz—Let the Crops Speak for Themselves: How to Avoid Imposing Agroecological Assumptions at Altar de Sacrificios
- 11:00 Heather Richards-Rissetto and Amy Thompson—Subsistence in the Peripheries: Modeling Ancient Maya Milpa Cycles in Western Honduras and Southern Belize
- 11:15 Caroline Antonelli and Timothy Hare—You Can Bet on the (Rural) Farmer: Agriculture and Urbanism at Postclassic Mayapán
- 11:30 Scott Fedick—Discussant
- 11:45 Anabel Ford—Discussant

[166] SYMPOSIUM ■ ARCHAEOLOGICAL SCIENCE AND AFRICAN ARCHAEOLOGY: APPRECIATING THE IMPACT OF DAVID KILLICK

Room: B115

Time: 8:00 a.m.–12:00 p.m.

Chair: Thomas Fenn

Participants:

- 8:00 Sarah Cowie—Encouraging Social Theory, Diversity, and All That Jazz
- 8:15 Scarlett Chiu, Christophe Sand, Yuyin Su and David Killick—Reconstructing Ancient Pottery Transfer Patterns through Petrographic Analysis: A Case Study of New Caledonian Lapita Pottery Assemblages
- 8:30 Matthew Pailes—From the Sea to the Mountains: Dave Killick's Impact on Archaeological Science Advances in Northwest Mexico
- 8:45 John Welch, Emma Britton, April Oga, Brandi MacDonald and Fred

- Nials—Thriving under the Killick Critical Gaze (KCG): Toward Taphonomically Informed Forensic Sedimentology
 9:00 Susan Mentzer, Ivo Verheijen, Britt Starkovich, Jordi Serangeli and Nicholas Conard—Diffraction Peaks as Tools for Distinguishing Chert from Quartz: Applications on Experimental Materials and Paleolithic Retouchers
- 9:15 Judith Sealy—Archaeological Science in Southern and Eastern Africa
 9:30 Noreen Tuross—Archaeological Science and COVID-19
 9:45 Questions and Answers
 10:00 Jay Stephens, Wayne Powell, Ryan Mathur and David Killick—The “Bronze Age” of Southern Africa: Insights from Isotopes and Trace Elements
 10:15 Ella Brewer-Jensen, Thomas Fenn, Lekha Sripathi, Jeffrey Fleisher and Stephanie Wynne-Jones—Economic Changes through Time along the Tanzanian Swahili Coast, as Seen through the Examination of Non-ferrous Metals and Metallurgical Technologies
 10:30 Nathaniel Erb-Satullo—Reassessing Evidence for Early Iron Production in the Near East
 10:45 Gwenaél Herve, Caroline Robion-Brunner, Giorgia Ricci, Emmanuelle Delque-Kolic and Didier N'Dah—Estimating the Temporality of Iron Smelting Sites in Africa by Coupling Radiocarbon and Archaeomagnetism
 11:00 Philip de Barros—Mapping Archaeological Smithing Sites with the Aid of Hammerscale
 11:15 Dana Drake Rosenstein—A Short Historiography of David Killick
 11:30 Vincent Serneels—Iron Smelting, Stone Carving, and Pottery Production by the Early Settlers in Northeastern Madagascar: Transfer of Techniques and Local Adaptation
 11:45 David Wright—Not All Who Wander Are Lost (or, the Awkward Adolescence of a Retiring Giant . . .)

[167] SYMPOSIUM ■ SITE STEWARDSHIP MATTERS: COMPARING AND CONTRASTING SITE STEWARDSHIP PROGRAMS TO ADVANCE OUR PRACTICE

Room: B113

Time: 8:45 a.m.–11:30 a.m.

Chairs: Sarah Miller and Samantha Rubinson

Participants:

- 8:45 Samantha Rubinson—Thinking of Starting a Stewardship Program? Lessons Learned from the National Site Stewardship Network Survey 2022
 9:00 Sarah Miller—Defining Site Stewardship: Origins and Our Family Tree
 9:15 Beth Padon—California Archaeological Site Stewardship Program (CASSP)
 9:30 Rebecca Shelton—How Texas Volunteers Protect Community Heritage
 9:45 Elizabeth Hora, Ian Wright, Matthew Podolinsky and Lexi Carson—Use It or Lose It: How to Activate Public Stewards to Protect Archaeological Sites

- 10:00 Lexie Lowe, Amy Roache-Fedchenko, James Nyman and Margaret Wilkes—VAMPing Up Stewardship in the National Parks: Preliminary Lessons from the Volunteer Archeological Monitoring Program
- 10:15 Rebecca Simon, Rachel Egan and Harold Henke—State of Site Stewardship (or Lack Thereof) in Colorado
- 10:30 Melissa Zabecki—A Plan to Revive a Failed Stewardship Program
- 10:45 Wanda Raschkow—Variations on a Theme: Expanding Site Stewardship
- 11:00 Matthew Podolinsky—Discussant
- 11:15 Wanda Raschkow—Discussant

[168] SYMPOSIUM ■ ESTABLISHING THE SCIENCE OF PALEOLITHIC ARCHAEOLOGY: THE LEGACY OF HAROLD DIBBLE (1951–2018) PART I

Room: C123

Time: 8:45 a.m.–11:45 a.m.

Chair: Gilliane Monnier

Participants:

- 8:45 Gilliane Monnier—Discussant
- 9:00 Aylar Abdolazadeh—To What Extent Is the Concept of Convergence Applicable to Lithic Technology: An Overview
- 9:15 Michael Shott—Dibble's Reduction Thesis: Its Implications for Lithic Analysis and Macroarchaeology
- 9:30 Sam Lin—Revisiting the Rolland and Dibble Synthesis: The Emergence of Artifact Retouch and Artifact Density Variability in Paleolithic Assemblages
- 9:45 Li Li, Sam Lin, Jonathan Reeves and Shannon McPherron—Integrating Fracture Mechanics into the Design and Implementation of Controlled Lithic Experiments
- 10:00 Tamara Dogandzic, Li Li and Shannon McPherron—How Flakes Form: Modeling the Initiation and Propagation Phases of Flake Formation
- 10:15 Simon Holdaway—Reuse and Assemblage Composition, from Tools to Flakes
- 10:30 Barbara Roth and Kara Jones—Lithics and Landscapes in the Mojave Desert
- 10:45 Zeljko Rezek—Is There (and What Is) a “Nubian-Levallois” from the Etic Perspective of Flake and Fracture Formation?
- 11:00 David Braun, Benjamin Davies, Matthew Douglass, Sam Lin and Jonathan Reeves—Measuring Movement: The Influence of Scraper Reduction Models on the Early Pleistocene
- 11:15 Deborah Olszewski and Maysoon al-Nahar—Fire Use in the Levantine Early Epipaleolithic: The Dibble and Colleagues Lithics Count Method
- 11:30 Questions and Answers

[169] SYMPOSIUM ■ ADVENTURES IN SPATIAL ARCHAEOOMETRY: A SURVEY OF RECENT HIGH-RESOLUTION SURVEY AND MEASUREMENT APPLICATIONS

(Sponsored by the NEH Spatial Archaeology Residential and Online Institute)

Room: BI 14

Time: 8:45 a.m.–12:00 p.m.

Chairs: Sara Watson and Elizabeth Clay

Participants:

- 8:45 Carla Klehm—Discussant
- 9:00 B Charles—MicroCT, Maternal Health, and Stress at the Beginning of Life
- 9:15 Brandi Bethke, Sarah Trabert and Gary McAdams—Remembering ichaskhah (Camp Creek): Low-Impact Methodologies for Documenting an Early Twentieth-Century Wichita Camp and Dance Ground in Oklahoma
- 9:30 Jessica Kowalski—From Bluffs to Floodplain: A Spatial Approach to Mississippian Communities in the Ozarks of Arkansas
- 9:45 Wolfgang Alders and Julia Jong Haines—Landscapes of Stone in Mauritius and Zanzibar
- 10:00 Jonathan Lim—Nuna Nalluituq / The Land Remembers: Spatial Technology and Community Engagement to Protect Alaska Native Heritage Landscapes
- 10:15 Kelly Goldberg and Kevin Fogle—Using Digital Technologies to Enhance Public Interpretation and Increase Access at Booker T. Washington National Monument
- 10:30 Daniela Raillard Arias—Aerial Drone Photogrammetry of Aboveground Mortuary Architecture in the Amazonian Andes
- 10:45 Kaitlyn Davis—Improving Understanding of the Location and Utility of Pueblo Gravel Mulch Fields Using Remote Sensing
- 11:00 Sara Watson, Peiqi Zhang, Patricia McNeill and Katie Wyatt—Modeling Mobility and Lithic Raw Material Transport in the Late Pleistocene along the Southern Coast of South Africa
- 11:15 Elizabeth Clay—Mapping Marronnage: Creating, Managing, and Visualizing Archival Datasets
- 11:30 Jennifer Lupu—From “Gray Literature” to “Big Data”: Synthesizing Archaeological Data in Washington, DC
- 11:45 Questions and Answers

[170] SYMPOSIUM ■ A TRIBUTE TO THE CONTRIBUTIONS OF LAWRENCE C. TODD TO WORLD PREHISTORY

Room: C124

Time: 8:45 a.m.–12:00 p.m.

Chair: Jason LaBelle

Participants:

- 8:45 Matthew G. Hill and Jason LaBelle—Lawrence C. Todd: Biographical Sketch and Introduction

- 9:00 Benjamin Schoville—Unmodified Cobbles and Boulders from the Middle Stone Age Occupation of Witberg I, Southern Kalahari, South Africa
- 9:15 Teresa Wriston, Christina Neudorf and Gary Haynes—Luminescence Age Calculation Models, Termites, and Dune History in the Northern Kalahari Desert, Hwange National Park, Zimbabwe
- 9:30 John Kappelman, Matthew G. Hill and Frank Huffman—Todd's Taphonomy: Addressing Questions Too Often Left Unasked
- 9:45 Robert Hitchcock, Alan Osborn and Melinda Kelly—Proboscideans, Drought, and Cyanobacteria: Natural Death Events both Present and Past
- 10:00 Matthew E. Hill Jr. and Erik Otárola-Castillo—Stalking the Bison: Changing Perspectives in the Zooarchaeology of Big Game Hunters of the Great Plains
- 10:15 Charles Egeland, Ryan Byerly and Chris Nicholson—"Have You Ever Seen a Walrus in Nebraska?" Reflections on the Career and Contributions of Larry Todd
- 10:30 Robert Kelly, Madeline Mackie, Erick Robinson and Spencer Pelton—A Precontact, Late Prehistoric Decline in the North American Indigenous Population
- 10:45 Paul Burnett and Erik Otárola-Castillo—Spatiotemporal Modeling of the Archaeological Landscape in the Shoshone National Forest
- 11:00 Ethan Ryan and Anna Prentiss—Obsidian Artifacts at 48PA551: Using Obsidian to Address Land Tenure Strategies among Hunter-Gatherers of the Rocky Mountains
- 11:15 Jason LaBelle and Kelton Meyer—Low and Slow: Landscape Taphonomy of High-Altitude Landscapes within the Southern Rocky Mountains of Colorado
- 11:30 Chris Widga, Darian Bouvier, Lawrence Todd, Amy Phillips and Kenneth Cannon—High-Elevation Bison in the Rocky Mountain Front Range during the Late Holocene
- 11:45 Lawrence Todd—Discussant

WORKSHOP: SECTION 106 AND YOU: NHPA SECTION 106 FUNDAMENTALS FOR CRM (BY REGISTRATION ONLY)

Room: Columbia 2, Hyatt Regency

Time: 9:00 a.m.–5:00 p.m.

[171] SYMPOSIUM ■ DEBITAGE ANALYSIS: CASE STUDIES, SUCCESSES, AND CAUTIONARY TALES

(Sponsored by the Lithic Technology and Analysis Interest Group)

Room: B118 & B119

Time: 9:00 a.m.–11:45 a.m.

Chairs: Terry Ozbun and Meghan Johnson

Participants:

- 9:00 Meghan Johnson and Terry Ozburn—Recognizing Debitage Diagnostic of Particular Reduction Technologies at Lithic Scatter Sites in the National Forests of Eastern and Central Oregon
- 9:15 Juliet Morrow—Analysis of Debitage from an Intentionally Burned House at the Greenbrier Site (3IN1), a Late Mississippian Town in the White River Valley of Arkansas
- 9:30 Nicholas Hlatky and John Fagan—Recognizing Variability: Experiment-Based Insights into Debitage Analysis
- 9:45 Nora Franco and Lucas Vetrivano—Technological Changes in Patagonia: Debitage Analysis at Chorrillo Malo 2 Site (Upper Santa Cruz River Basin)
- 10:00 Paul Thacker—Debitage as Raw Material Resource: Understanding Olival Grande as a Paleolithic Place
- 10:15 Viola Schmid, Irini Sifogeorgaki, Gerrit Dusseldorp and Wei Chu—Data-Mining Quartz and Quartzite: Should We Have Standard Protocols for Measuring and Reporting on Lithic Assemblages?
- 10:30 Jeanne Binning, Jennifer Thatcher and Craig Skinner—Using Technologically Diagnostic Debitage to Better Determine the Integrity of an Archaeological Site
- 10:45 Kelley Martinez—More than Presence or Absence: Improving Ground Stone Tool Analyses to Address Tool Manufacture, Use, and Maintenance Questions
- 11:00 Lisa Maher, Danielle Macdonald, Theresa Barket and Ahmad Thaher—Approaches to Lithic Technology: How Archaeological Practice Influences Interpretation of Past Lifeways through the Lens of Kharaneh IV
- 11:15 Theresa Barket, Lisa Maher, Danielle Macdonald and Felicia DePena—One Person's Waste Is an Archaeologist's Treasure: Using Techno-Typological Analysis of Debitage for Epipaleolithic Assemblages
- 11:30 Danielle Macdonald, Lisa Maher, Theresa Barket, Naomi Martisius and Ahmad Thaher—Assessing Change over Time at Kharaneh IV through the *Chaîne Opératoire*

[172] SYMPOSIUM ■ DYNAMIC FRONTIERS IN THE ARCHAEOLOGY OF CHIAPAS**Room:** C120 & C121**Time:** 9:00 a.m.–12:00 p.m.**Chairs:** Caitlin Earley and Elizabeth Paris**Participants:**

- 9:00 Whittaker Schroder—Risk and Resilience in the Dynamic Lower Lacantun River Landscape
- 9:15 Andrew Scherer and Charles Golden—Recent Archaeological Work in the Kingdom of Sak Tz'i' and the Santo Domingo-Lacanja Valley
- 9:30 Alejandra Roche Recinos—Regional Patterns in Lithic Procurement and Production in the Middle Usumacinta

- 9:45 Lisa Johnson, Lucas Johnson, Arianna Campiani, Rodrigo Liendo Stuardo and Rosemary Joyce—Household Diversity in a Palenque Neighborhood: Preliminary Considerations
- 10:00 Judith Ruiz, Eric Taladoire, Edith Cienfuegos, Francisco Otero and Gabriela Solís—Dieta, movilidad y etnicidad en la antigua ciudad de Toniná, Chiapas
- 10:15 Joel Palka and Fabiola Sanchez—A Rural Travel Stopover at the Late Postclassic Maya Site of Mensabak, Chiapas, Mexico: Overland Trade, Cross-Cultural Interaction, and Social Cohesion in the Chiapas Frontier
- 10:30 Brent Woodfill—Revisiting the “Lost Shores” and “Forgotten Peoples” of the Southeastern Chiapan Lowlands
- 10:45 Elizabeth Paris, Ashley Megan Williams and Gabriel Laló Jacinto—The Production and Exchange of Obsidian in the Monumental Zone of Tenam Puente, Chiapas, Mexico
- 11:00 Ángel Sánchez Gamboa and Caitlin Earley—Geopolitics and Style in the Eastern Highlands of Chiapas during the Late Classic
- 11:15 Ramon Folch—Comitan, “Place of Potters”: Evidence of Specialized Potters in the Valley of Comitan
- 11:30 Emiliano Gallaga—Los Chimalapas, the Connection of the Zoque with Oaxaca
- 11:45 Questions and Answers

[173] SYMPOSIUM ■ CLIMATE AND HERITAGE IN THE NORTH ATLANTIC: BURNING LIBRARIES

(Sponsored by the Climate Change Strategies and the Archaeological Record Committee)

Room: B112

Time: 9:15 a.m.–12:00 p.m.

Chairs: Thomas McGovern and Konrad Smiarowski

Participants:

- 9:15 Konrad Smiarowski and Michael Nielsen—Effects of Past and Present Climate Change: Viking Age and Norse Sites in Greenland
- 9:30 Christian Madsen, Michael Nielsen, Aka Simonsen and Arnaq Bjerger—No Empty Landscapes: Livelihood, Agency, and Transformation in Early Inuit South Greenland
- 9:45 Michael Nielsen, Christian Koch Madsen, Aka Simonsen and Else Bjerger—Thule Culture in South Greenland, 1500–1900
- 10:00 Matthew Walls, Mari Kleist, Remi Mereuze and Cecilia Porter—Prioritization Frameworks and Archaeological Decision-Making in a Changing North
- 10:15 Alice Watterson—Community, Co-design, and Climate: Case Studies in Designing Public Outreach for Arctic Archaeology
- 10:30 Vibeke Martens and Jens Rytter—Climate and Heritage in the Arctic: Environmental Monitoring and a New European Standard

- 10:45 Julie Bond, Stephen Dockrill and Nicole Burton—The Relentless Tide: Swandro, a Multi-period Settlement Being Lost to the Sea
- 11:00 Lísabet Guðmundsdóttir and Morten Ramstad—Disappearing Past: Seasonal Coastal Settlements in NW Iceland (Ninth–Fifteenth Centuries)
- 11:15 Ramona Harrison and Arni Daniel Juliússon—Two Valleys Archaeology in an Environmental Humanities Context
- 11:30 Grace Cesario—The Importance of Specialized Use Sites in the Settlement History of Iceland
- 11:45 George Hambrecht—Discussant

[174] SYMPOSIUM ■ CANINE RESOURCES FOR THE ARCHAEOLOGIST

Room: C125 & C126

Time: 9:45 a.m.–12:00 p.m.

Chair: Paul Martin

Participants:

- 9:45 Adela Morris and Lynne Engelbert—Historical Human Remains Detection Dogs: A Unique Tool for Native American Communities
- 10:00 Cheryl Johnston, Jennifer Jordan Hall, Kevin Schwarz, Andrea Crider and Taylor Bryan—Use of Human Remains Detection Dogs to Find Unmarked Precontact Human Burials in the Ohio Valley
- 10:15 Florence Dickens and Samantha Blatt—The Use of Human Remains Detection Dogs to Locate Empty Gravesites after Cultural Exhumation Practices in a Nineteenth-Century Chinese Cemetery in Warren, Idaho
- 10:30 Blair Tormey and Paul Martin—Finding Lost Souls: Mapping and Preserving Historic African American Gravesites in Western North Carolina Using Human Remains Detection Canines and Ground-Penetrating Radar
- 10:45 Michael Alexander—New Methods for Training Historic/Prehistoric Human Remains Detection Dogs
- 11:00 Lynne Engelbert—Multidisciplinary Recovery of Previously Cremated Remains after Urban Wildfires
- 11:15 Paul Martin and Lisa Lee—Key Factors Impacting the Efficacy of Canine Resources on Archaeological Surveys
- 11:30 Paul Martin—Discussant
- 11:45 Questions and Answers

[175] SYMPOSIUM ■ CORPOREAL CONCERNS: STUDIES IN BIOARCHAEOLOGY AND BODY MODIFICATION PART II

Room: B116

Time: 9:45 a.m.–12:00 p.m.

Chair: Brittany Hill

Participants:

- 9:45 Brittany Hill, Laurel Engbring, David Grant, Monica Arellano and Alan Leventhal—Bioarchaeology of Care in Three San Francisco Bay Area Muwekma Ohlone Ancestral Sites

- 10:00 Heidi Miller and Christopher DeCorse—A Biocultural Analysis of the Impacts of Interactions between West Africans and Europeans during the Transatlantic Trade at Elmina, Ghana
- 10:15 Emily Briggs, Xinyuan Zheng and John Berini—Establishing Cultural Affiliation under NAGPRA Using Geographic Origin: A Case Study of Minnesota
- 10:30 Erin Patterson—The Impact of Settlement Patterns on Health and Diet: Differences in Skeletal Pathologies and Stable Isotope Values at La Corona and El Perú-Waka', Guatemala
- 10:45 Kevin Cabrera—A Gender Paradox? A Case Study from the Ancient Maya
- 11:00 Jana Meyer—Physical Effects of Social Status in Early Medieval Thuringia: A Bioarchaeological Investigation of Health and Disease among Individuals from the Merovingian Cemetery of Großvargula, Germany
- 11:15 Arion Mayes, Arthur Joyce and Sarah Barber—Occupational Stress on Oaxaca's Pacific Coast: Bioarchaeological Evidence for Specialized Task Activity at Rio Viejo
- 11:30 Joshua Schnell—Dental Therapeutics in the Maya Region: New Evidence for Caries Manipulation and Dental Drilling
- 11:45 Dilpreet Basanti—Reconstructing the Social Life of Death at Ancient Aksum through Micro-CT Imaging (AD 50–400)

[176] POSTER SESSION ■ REMOTE SENSING PART I: LIDAR AND SATELLITE IMAGERY

Room: Exhibit Hall A

Time: 10:00 a.m.–12:00 p.m.

Participants:

- 176-a Gabriela Oré Menéndez—Equity and Technological Transfer in Archaeological Practice: The Use of Satellite Image Analysis and Shared Workflows
- 176-b Ryan Smith—Early Settlements and Networks of the Formative South-Central Andes: Sunken-Court Distribution and Variation through Systematic Imagery Survey and Targeted Ground-Checking
- 176-c Helen Fairley, Joel Sankey and Joshua Caster—Assessing Predictability of Dam Effects at Archaeological Sites Using Long-Term Repeat Lidar Surveys
- 176-d Kelsey Reese, Sean Field and Robert Weiner—Machine Learning R-CNN Identification of the Entirety of the Southwest Regional Road Network
- 176-e Jason Kennedy, Sergio Chavez and Stanislava Chavez—Mapping Agricultural Terraces on the Copacabana Peninsula, Bolivia, Using Multispectral Satellite Imagery
- 176-f James Lansche—Towers in the Northern Periphery
- 176-g Katherine Peck—Automating Archaeological Feature Detection: Unsupervised Classification and Feature Extraction from Satellite Imagery

- 176-h Gabriela De La Puente-León, Hannah Lipps, Francesca Fernandini and Erik Otárola-Castillo—Time May Change Heritage, but We Can Trace Time: Changes in the Archaeological Heritage of the Cañete Valley (Peru) between the 1960s and Today
- 176-i Chris Ploetz, Amy Thompson, Richard Wood, Loa Traxler and William Fash—Digital Dig Kits: Portable Affordable Archaeology for Twenty-First-Century Fieldwork
- 176-j Evan Parker and Ken Seligson—Filling in the Gaps: Lidar-Aided Mapping of the Smallest-Scale Sites in the Northern Lowlands
- 176-k Jeffrey Ferguson, Timothy de Smet, Jonathan Schaefer, Deborah Huntley and Suzanne Eckert—Testing the Potential of UAV-Based Lidar Survey in the Lion Mountain Area of West Central New Mexico
- 176-l David Reid, Caleb Kestle, Elizabeth Goodman, John Monaghan and Keith Phillips—GIS and Remote Sensing Applications in the Search for World War II POW/MIAs in the Philippines
- 176-m Jonathan Schaefer—Detecting Anthropogenic Earthworks in the North River Valley of Northeast Missouri via Lidar

[177] POSTER SESSION ■ REMOTE SENSING PART II: GEOPHYSICAL TECHNIQUES

Room: Exhibit Hall A

Time: 10:00 a.m.–12:00 p.m.

Participants:

- 177-a Jonathan Alperstein, Jesse Casana, Madeleine McLeester, Nathaniel Kitchel and Carolin Ferwerda—Where Are All the Woodland Villages of Vermont?
- 177-b Sonja Rossi-Williams—Changes in Indigenous Occupation Strategies in Eastern Pennsylvania: An Exploration of Changing Land Use at the Red Hole Site
- 177-c Hernando Giraldo Tenorio and Víctor González-Fernández—Investigación con sensores remotos en la colina piramidal de Tulcán, Popayán, Colombia
- 177-d Tyler Baley, Cameron Blumhardt, Kate Shantry, Glen Kirkpatrick and Colin Grier—Finding Fort Clatsop: Results of Fresh Geophysical Surveys and GIS Integration of Past Data
- 177-e Cameron Blumhardt and Colin Grier—Clam Gardens as Coastal Landscape Agents: The Case of Shingle Point, Valdes Island, British Columbia
- 177-f Nicholas Tripcevich, Scott Byram, José Capriles and Calogero Santoro—Geophysics in the Hyperarid Atacama: Assessing Features among Fossil Channels, Paleosols, and Lithic Dispersions at Quebrada Mani, Chile
- 177-g Marsha Small and Jarrod Burks—Mapping Graves at an Indian Boarding School Cemetery: Results from Chemawa in Salem, Oregon

- 177-h Kayla Golay Lausanne and David Chicoine—Multimodal Mapping at Cerro San Isidro, Nepeña Valley, Peru
- 177-i Arthur Townend—Barree Forge: A Pennsylvania Forge Town

[178] POSTER SESSION ■ GO WITH THE FLOW: UNDERWATER ARCHAEOLOGY AND WATERCRAFTS

Room: Exhibit Hall A

Time: 10:00 a.m.–12:00 p.m.

Participants:

- 178-a Leah Koch-Michael—A Comparison of Mesolithic Danish Logboats and Pacific Northwest Canoes
- 178-b Dhillon Tisdale and Jonathan Flood—The Bark Canada, a Gold Rush Legacy at Risk
- 178-c Vanessa Sullivan and Chelsea Colwell-Pasch—Emergent Field Methodologies from New Brunswick: Madawaska Method for Shallow, Fast-Current River-Bottom Surveys

[179] POSTER SESSION ■ HUNTERS AND GATHERERS AND FORAGERS, OH MY!

Room: Exhibit Hall A

Time: 10:00 a.m.–12:00 p.m.

Participants:

- 179-a Craig Fertelmes and Bruce Phillips—Middle Archaic Period Settlement Patterns and Subsistence Strategies in the Lower Salt River Valley of Arizona
- 179-b Joanne Mack, John Fagan, Mark Swisher and Cam Walker—Residue Analysis by Crossover Immunoelectrophoresis (CIEP) on Siskiyou Utility Ware, a Pilot Study from Southern Oregon
- 179-c Haley McCaig—Dating Tukuto Lake Hunting Architecture
- 179-d Justin Holcomb, Jordan Thompson and John Blong—Revisiting Kelly Forks (10CW34): Current and Future Research at a Western Stemmed Tradition Occupation in the Nez-Perce Clearwater National Forest, Idaho
- 179-e Michael Neeley and Geoffrey Clark—Whole Assemblage Behavioral Indicators: Examining Pattern in the Late Pleistocene of the Wadi al-Hasa, Jordan
- 179-f Larkin Chapman, Emily Lena Jones, Bruce Huckell and John Southon—Contemporaneity of Humans and Horses in the Southwest during the Pleistocene/Holocene Transition? New Radiocarbon Dates from Two Sites in Southern Arizona

[180] POSTER SESSION ■ CAVES AND ROCKSHELTERS**Room:** Exhibit Hall A**Time:** 10:00 a.m.–12:00 p.m.**Participants:**

- 180-a Gabrielle Vail—Spindle Whorls and World Creation at Balankanche' Caverns, Yucatan
- 180-b Cheryl Mack—Evidence for Winter Bear Hunting from Lava Tube Caves in Southwest Washington
- 180-c Michael Terlep, William Bryce and Karen Harry—Cave du Pont Revisited: New Excavations a Century after Nusbaum
- 180-d Jennifer DeGraffenried, Kaylee Barkett-Jones and Andrea Brunelle Runburg—Analysis and Comparison of the Paleo-ecological Reconstruction of Simpson Springs to the Archaeological Record of Camels Back Cave in the Bonneville Basin of Utah

[181] POSTER SESSION ■ COLLABORATIVE ARCHAEOLOGY AND COMMUNITY OUTREACH**Room:** Exhibit Hall A**Time:** 10:00 a.m.–12:00 p.m.**Participants:**

- 181-a Danielle Airola—Anthropology on Social Media
- 181-b Diana Quintero Bisoño—Identity and Heritage: Moving beyond Twentieth-Century Archaeology in the Caribbean
- 181-c Ellen Moriarty, Jaron Rochon, Samantha LaPlante, Emery Benoit and Michael Angers—The Granger House Project: Community Outreach and Public Archaeology in Castleton, Vermont
- 181-d Andrew Carter, Nathan Lawres, Jennifer Glaze and Deborah Wold—Out of the Lab and into the Public
- 181-e Russell Skowronek, Juan Gonzalez, Roseann Bacha-Garza, Christopher Miller and Edward Gonzalez-Tennant—The Ancient Landscapes of South Texas Initiative and Augmented Reality: An Immersive Experience in Archaeological Education and Community Engagement
- 181-f Katherine Wilson and Victoria Roberts—Public Outreach and Rock Art: Shumla Archaeological Research & Education Center's Commitment to Public Engagement
- 181-g Émilie Blondin, Lindsey Bouldin, Sarah Faber, Cindy Tian and Grace Motes—Close to Home: Public and Institutional Archaeology in the University Setting
- 181-h Joel Edmondson, Nathan Lawres, Jessica Dees and Andrew Carter—Sowing the Seeds of Curiosity One Visitor at a Time: The UWG Interpretive Anthropology Garden Exhibit
- 181-i Reed Coil, Paula Doumani Dupuy, Katherine Erdman and Madina Makulbekova—Simulated Archaeological Site Development for Education and Outreach: A Case Study from Kazakhstan

- 181-j Frank Tzib—Revitalizing Ancient Knowledge: A Community-Based Outreach Project Sharing Classic Maya Epigraphy in Ox Mul Kah (San Antonio), Belize
- 181-k Brian Holguin, Eleanor Fishburn, Scott Sunell, Jennifer Perry and Gina Lucas—Harvesting Seagrass at l'akayamu
- 181-l Samuel Duwe, Chris Garcia, Everett Garcia, Kurt Riley and Karl Pedro—The Pueblo of Acoma's Cultural Inheritance and Archaeological Partnership in "The Lands Between" of Southeastern Utah
- 181-m Mary Prasciunas, Helen O'Brien and Tineke Van Zandt—The Critical Role of Community College Field Training Programs in Today's Archaeology
- 181-n Erin Crowley-Champoux and Zoe Jopp—Working Together for the Past: Maine's Casco Bay Islands Public Archaeology
- 181-o Matthew Moriarty, Joseph Kinney, Luke Kosby, Philip Williams and Noah DiStefano—The Granger House Project: Archaeology, History, and the Creation of a Community Museum in Castleton, Vermont
- 181-p Kalyan Sekhar Chakraborty, Andrew Roddick, Martin Scott and Adrienne Lickers Xavier—Fats and Oils: Toward a Collaborative Archaeology of Ancestral Haudenosaunee Foodways

[182] POSTER SYMPOSIUM ■ DIGGING DEEPER: PUSHING OURSELVES TO ENGAGE THE PUBLIC IN OUR SHARED HERITAGE THROUGH OUTREACH AND EDUCATION

Room: Exhibit Hall A

Time: 10:00 a.m.–12:00 p.m.

Chairs: Emma Vance and Danielle Waite

Participants:

- 182-a Elizabeth Horton, Jen Harrington and Dean Nicolai—Connecting Past with Present: Tribal Partnerships with the Yellowstone Archeology Program
- 182-b Alicia Jensen—Public Outreach for the Historic United Comstock Merger Mill
- 182-c Michael Kraus—3D Printing and Scanning Artifacts: A Means of Public Engagement
- 182-d Andrea Ramhorst—Public Outreach by Federal Cultural Resource Specialists from the Wells Field Office
- 182-e Emma Vance and Danielle Waite—A Silver Lining at the Failed Hardin City Mine: An Opportunity for Public Land Stewardship through Archaeology
- 182-f Danielle Waite and Emma Vance—Cleaning Up a Stinky Ghost Town: Developing the Townsite of Sulphur, Nevada, into a Cultural Interpretive Site
- 182-g Katee Withee—Successful Partnerships: The Oregon Chinese Diaspora Project

- 182-h Scott Wyatt—Battle Mountain, Nevada, Annual 6th Grader Presentation by the Bureau of Land Management (BLM)
- 182-i Katie Wynia, Devin Martin and Douglas Wilson—The 2022 Public Archaeology Field School at Fort Vancouver National Historic Site: Decolonizing the Hudson's Bay Company Schoolhouses
- 182-j Sandra Zarzycka—Public Engagement and Research Efforts within Grand Staircase-Escalante National Monument

[183] SYMPOSIUM ■ FROM THE MATERIAL VESTIGES OF DAILY LIFE: ARCHAEOLOGIES OF THE HOUSEHOLD PART II

Room: A103 & A104

Time: 10:00 a.m.–12:00 p.m.

Chair: Terry Powis

Participants:

- 10:00 Terry Powis, Tristen Griffin, Riley James, Devlin McElrone and John Tomko—Excavation of a Burned Middle Mississippian House at the Cummings Site, Bartow County, Georgia
- 10:15 Cady Rutherford and Marisol Cortes-Rincon—Examining Production in Maya Households: A Case from the Settlement Zone of Dos Hombres
- 10:30 Chris Dixon-Hundredmark and Cynthia Van Gilder—Parenting in the Past: Investigations into the Spaces, Places, and Traces of Parenting in the Archaeological Record
- 10:45 Yamile Lira-Lopez—Un basurero prehispánico en el valle intermontano de Maltrata, Veracruz
- 11:00 Paul Prince and Jesse Heintz—Refuse Disposal and Activity Area Patterns in a Fur Trade Period Pithouse on the Nechako Plateau, British Columbia
- 11:15 Madeline Snyder—Ties to the Ancestors: Examining a Late Classic Household at Las Ruinas de Arenal, Belize
- 11:30 Matthew Kroot—Home Economics at Pre-pottery Neolithic B Al-Khayran? Reconstructing Residential Unit Economic Behavior through Knapped Stone Analysis at a Small Site in West-Central Jordan
- 11:45 Rachael Wedemeyer and Kenichiro Tsukamoto—Navigating the Daily Lives in Plazuela Groups: Early Excavations in the López Plaza at the Classic Period Maya Site of El Palmar, Mexico

[184] SYMPOSIUM ■ PEOPLING THE PAST: CRITICALLY EVALUATING SETTLEMENT AND REGIONAL POPULATION ESTIMATES WITH NEW METHODS AND DEMOGRAPHIC MODELING

Room: C122

Time: 10:00 a.m.–12:15 p.m.

Chair: Ian Kuijt

Participants:

- 10:00 Kevan Edinborough—Demography, Heritage, and Archaeology: A View from Australia

- 10:15 Jennifer French—Peopling the Paleolithic: Demographic Approaches to Earliest Prehistory
- 10:30 KC (Kristen) Carlson and Douglas Bamforth—How Many People Occupied 25BD1 at AD 1300
- 10:45 Zachary Cooper and Scott Ortman—Artifact Density and Population Density in Bronze Age China
- 11:00 René Ohlrau and Aleksandr Diachenko—Demography and Social Organization of the Cucuteni-Tripolye Populations: An Evolutionary Perspective
- 11:15 Anna Prentiss, Ashley Hampton, Thomas Foor and Matthew Walsh—Fine-Grained Estimation of House Populations in North America’s Pacific Northwest: Implications for Understanding Socio-demographic Change
- 11:30 Ian Kuijt and Arkadiusz Marciniak—How Many People Lived in the World’s Earliest Villages? Reconsidering Community Size and Population Pressure at Neolithic Çatalhöyük
- 11:45 Colin Quinn—Demographic Modeling Using the Mortuary Record
- 12:00 Donna Glowacki—Discussant

[185] SYMPOSIUM ■ AT THE INTERSECTIONS OF COMMUNITY, REGULATION, AND DEVELOPMENT: CONVERSATIONS IN HISTORIC PRESERVATION AND MANAGEMENT PART II

Room: A106

Time: 10:15 a.m.–12:00 p.m.

Chair: Kenneth Aitchison

Participants:

- 10:15 Douglas Gann—Cry Disney: The Potentials, Perils, and Pitfalls of “Reconstructing” Places of the Past
- 10:30 Irene Martí Gil—Native American Identity through the Critical Discourse Analysis of NAGPRA: Parties, Politics, and Prospects
- 10:45 Tara Skipton and Jordan Davis—For Whom Are We Searching? Issues and Ethics of Maroon Site Location in the Southeastern United States
- 11:00 Ally Gerlach—Public Archaeology at Iosepa: Community Collaboration in Artifact Display and Analysis
- 11:15 Richard McClure, Eugene Hunn and Joana Jansen—Archival Oral Histories, Intellectual Property, and the Indigenous Community: The Legacy of Mary Kiona, “Grand Matriarch” of the Upper Cowlitz
- 11:30 Amanda Gomes—Local Pride and Prejudice: Public Archaeology, Archaeological Heritage Management, and Authorized Discourse in Japan
- 11:45 Kenneth Aitchison and Christopher Dore—Billions of Dollars: Calculating the Size of the Heritage Compliance Sector

[186] FORUM ■ (RE)CONSIDERING THE ENTRADA: THIRTY YEARS ON FROM PROSKOURIAKOFF'S "ARRIVAL OF STRANGERS"

Room: Ballroom 201

Time: 10:15 a.m.–12:15 p.m.

Moderators: Olivia Navarro-Farr and David Stuart

Participants:

Barbara Arroyo—Discussant
 Edy Barrios—Discussant
 Thomas Garrison—Discussant
 Francisco Estrada-Belli—Discussant
 Nawa Sugiyama—Discussant
 Cameron McNeil—Discussant
 Mary Kate Kelly—Discussant
 Alexandre Tokovinine—Discussant

[187] FORUM ■ "WHERE ARE ALL THE ARCHAEOLOGISTS?" A FORUM FOR COLLABORATIVE AND EQUITABLE PREPARATION FOR A CAREER IN RESOURCE MANAGEMENT

(Sponsored by the Student Affairs Committee)

Room: Ballroom 202

Time: 10:15 a.m.–12:15 p.m.

Moderators: Kirsten Vacca and Joe Baker

Participants:

Kirsten Vacca—Discussant
 Ben Ford—Discussant
 Alexandra McCleary—Discussant
 Amanda Rasmussen—Discussant
 Jesse Gunnels—Discussant
 Joel Dukes—Discussant
 Casey Campetti—Discussant
 Angela Jaillet-Wentling—Discussant
 Ross Owen—Discussant
 Kristina Gaugler—Discussant

[188] FORUM ■ BUILDING ANTIRACIST ARCHAEOLOGIES

Room: Ballroom 203

Time: 10:15 a.m.–12:15 p.m.

Moderators: Laura Ng, Jocelyn Lee and Veronica Peterson

Participants:

Wade Campbell—Discussant
 Sonya Atalay—Discussant
 Anna Agbe-Davies—Discussant
 Barbara Voss—Discussant

David Carlson—Discussant
Gayoung Park—Discussant

**[189] SYMPOSIUM ■ FROM THE MONUMENTAL TO THE MINUTE:
ARCHITECTURE AND THE BUILT ENVIRONMENT PART I**

Room: Ballroom 204

Time: 10:15 a.m.–12:15 p.m.

Chair: Maria Torras Freixa

Participants:

- 10:15 Claire Novotny and Brett Houk—Games of Chance and Fate: Patolli at the Ancient Maya Site of Gallon Jug, Belize
- 10:30 Georgi Kyorlenski—Building Alliances, Return to Origins, and Monumental Failure: Huascar's Royal Estate at Kañaraqay and the Inca Civil War (1528–1532)
- 10:45 Brysbaert Ann—A Moving Taskscape in the Late Bronze Age Argolid, Greece
- 11:00 Andres Saul Alcantara Salinas—El uso del adobe en el valle de Colima (600-900 dC)
- 11:15 Sarah Breiter—Recycling Woodlands: Timber Use and Reuse in Timber Framed Buildings in West Suffolk, England
- 11:30 Maria Torras Freixa, Natalia Moragas and Alessandra Pecci—Reviewing Urbanization and Deurbanization at Teotihuacan
- 11:45 Samantha Turley, Steven Wernke and Manuel Mamani—The *Chaîne Opératoire* Meets Colonial Transformations: A GIS Network Analysis of Quicklime Production in the Colca Valley, Peru
- 12:00 Joshua Lockett-Harris, Kathryn Reese-Taylor, Felix Kupprat, Armando Anaya Hernández and Deborah Walker—Heart of an Ancient Maya City: Investigations of the Central E Group at Yaxnohcah, Campeche, Mexico

[190] SYMPOSIUM ■ ADAPTATION, NEGOTIATION, AND POWER: RECENT STUDIES IN CONTACT AND COLONIALISM PART II

Room: B111

Time: 10:30 a.m.–12:15 p.m.

Chair: Leslie Walker

Participants:

- 10:30 Alistair Paterson—Voyages to Kaju Jawi: First Dated Evidence for Seventeenth- and Eighteenth-Century Asian Voyages to Northern Kimberley, Australia
- 10:45 Mackenzie Cory—Paracosmic Play Areas in Western Plains Boarding and Day Schools
- 11:00 Matthew Ballance—Merchants and Muleteers: A GIS Approach to Movement in the Eighteenth-Century Andes
- 11:15 Leslie Walker—All Is Never Lost: Examining Coalescence, Cultural

Resilience, and Survivance in the Archaeology of a Protohistoric Village on the Arkansas River

11:30 Sophie Reilly—Strategizing Food Security under Colonial Rule at Transconquest Purun Llaqta del Maino, Chachapoyas, Peru

11:45 Gabrielle Purcell—An Analysis of Cherokee Foodways during European Colonization

12:00 Cameron Walker and Barnet Pavão-Zuckerman—Animal Husbandry Practices at the Musgrove Cowpens (9Ch137)

[191] SYMPOSIUM ■ CONSIDERING CERAMICS: TECHNOLOGICAL, ECONOMIC, AND SOCIOCULTURAL APPROACHES PART II

Room: B117

Time: 10:45 a.m.–12:00 p.m.

Chair: Kayeleigh Sharp

Participants:

10:45 Kayeleigh Sharp, Carlos Osoreo Mendives and Izumi Shimada—Unrecognized Complexity: Defining the Significance of Huaca Letrada and the Northern Gallinazo

11:00 Jonathan Schwartz—Being and Becoming: Learning, Skill, and Cognition as Exhibited on Painted White Ware Pottery at Sand Canyon Pueblo (5MT765), a Pueblo III Era Community Center in Southwestern Colorado

11:15 Karolina Valerio-Romero and Traci Ardren—Reevaluating Precolumbian Pottery of the Florida Keys

11:30 Jon Ross, Itzick Shai, Kent Fowler and Chris McKinny—A Fingerprint Assemblage from a Late Bronze Age Canaanite Cultic Enclosure at Tel Burna in the Southern Levant: The Division of Labor According to Age and Sex

11:45 Mauricio Díaz García, Cameron McNeil, Agapito Carballo, Samuel Pinto and Reina Hernández—A Story Written in Sherds: Ceramic Use Patterns at Río Amarillo Reveal Strategies of Survival in the Terminal Classic to Postclassic Copan Valley, Honduras

Saturday Afternoon ■ April 1, 2023

INTERNATIONAL ASSOCIATION FOR OBSIDIAN STUDIES

Room: Columbia 4, Hyatt Regency

Time: 12:00 p.m.–1:30 p.m.

CRM EXPO

Room: Exhibit Hall, Oregon Convention Center

Time: 12:00 p.m.–3:00 p.m.

[192] SYMPOSIUM ■ AT THE INTERSECTIONS OF COMMUNITY, REGULATION, AND DEVELOPMENT: CONVERSATIONS IN HISTORIC PRESERVATION AND MANAGEMENT PART III

Room: Ballroom 204

Time: 1:00 p.m.–2:45 p.m.

Chair: Cynthia Dunning Thierstein

Participants:

- 1:00 Patricia Rubertone—Urban Renewal, Historic Preservation, and Indigenous Erasure
- 1:15 Jorge Rios Allier—The Usefulness of Institutional Analysis (IAD) for Defining Focal Action Situations in Mexican Cultural Heritage: PROCEDE- INAH and CONACULTA Outcomes after 1992 Reforms
- 1:30 Cynthia Dunning Thierstein, John Peterson and Anne Comer—Universal Access to Archaeological Parks and Sites: A State of the Question
- 1:45 Madisen Hvidberg and Peter Dawson—Digital Approaches for Dissonant Heritage, Examples from Alberta
- 2:00 Thadra Stanton—Archaeological National Historic Landmarks in the United States
- 2:15 John Torres—Indigenous Archaeology: California’s AB52 and Its Impact
- 2:30 Kevin Malloy—Making the Case for “Zombie Trees”: Intangible Cultural Heritage Management in Guyana

[193] FORUM ■ ADVANCING THE STATUS OF WOMEN IN ARCHAEOLOGY
(Sponsored by COSWA)

Room: Ballroom 203

Time: 1:00 p.m.–3:00 p.m.

Moderators: Lucia Clayton and Kristin De Lucia

Participants:

- Casey Campetti—Discussant
- Lucia Clayton—Discussant
- Kristin De Lucia—Discussant
- Laura Hronec—Discussant

Tia Watkins—Discussant
 Katherine Miller Wolf—Discussant

[194] FORUM ■ FIRES EVERYWHERE: REVIEWING THE CULTURAL RESOURCE RESPONSE TO THE 2020 OREGON WILDFIRES

Room: Ballroom 202

Time: 1:00 p.m.–3:00 p.m.

Moderators: Kelly Derr and Jeannie Larmon

Participants:

Philip Fisher—Discussant
 Kurt Roedel—Discussant
 Jamie French—Discussant
 Cheryl Pouley—Discussant
 Jason McInteer—Discussant
 Justin Hopt—Discussant
 Britt Betenson—Discussant

[195] FORUM ■ WHAT ARE THE PROSPECTS AND IMPLICATIONS FOR OPEN ACCESS PUBLICATIONS AND THE SAA?

(Sponsored by the SAA Publications Committee)

Room: Ballroom 201

Time: 1:00 p.m.–3:00 p.m.

Moderator: Lynne Goldstein

Participants:

Kerry Boyles—Discussant
 Eric Kansa—Discussant
 Mitchell Allen—Discussant
 Christine Szuter—Discussant

[196] POSTER SYMPOSIUM ■ DEFINING PERISHABLES: THE HOW, WHAT, AND WHY OF PERISHABLES AND THEIR IMPORTANCE IN UNDERSTANDING THE PAST

Room: Exhibit Hall A

Time: 1:00 p.m.–3:00 p.m.

Chairs: Melanie Saldana and Barbara Klessig

Participants:

- 196-a Amy Chan—Microscopic Fibers and Dental Calculus from Midnight Terror Cave, Belize
- 196-b Melanie Saldana, James Brady and Christian Mora—Archaeological Evidence for the Use of Maize in Cave Ritual
- 196-c Scott Nicolay and Miranda Fengel—Lives of Baskets, Lives of Weavers: Using Digital Heritage and Interdisciplinary Research to Restore Social Memory

- 196-d Joseph Curran—How to Find the Unfindable: A New Method for Replicating Perishable Indigenous Technologies of Conflict
- 196-e Ed Carriere and Dale Croes—Generationally Linked Archaeology: A New Line on Ancient Northwest Coast Cordage
- 196-f Barbara Klessig—Textiles, Tools, and Trepidation: Experiments in Creating Bone and Antler Tools Used in the Production of Textiles

[197] POSTER SYMPOSIUM ■ LIQUID LANDSCAPES: RECENT DEVELOPMENTS IN SUBMERGED LANDSCAPE ARCHAEOLOGY

Room: Exhibit Hall A

Time: 1:00 p.m.–3:00 p.m.

Chairs: Morgan Smith and Justine Buchler

Participants:

- 197-a Nicholas Bentley—Searching for Late Pleistocene Deposits: Recent Geoarchaeological Investigations of the Aucilla River, Florida
- 197-b Justine Buchler—The Use of Marine Magnetics to Study Submerged Archaeological Deposits in Shallow Water
- 197-c Jessica Cook Hale and Nathan Hale—Articulating the Big Bend of Florida
- 197-d Jessi Halligan—What Is Going On with the Younger Dryas in Florida? Late Pleistocene Perspectives from the Aucilla Basin
- 197-e Brendan Nash, John O'Shea and Ashley Lemke—The South Gap Site: A 9,000-Year-Old Submerged Hunting Site in Lake Huron with Far-Reaching Connections
- 197-f Mayra Robles Montes, Enrique Nava-Sánchez and Guillermo Martínez-Flores—Paleoshoreline Reconstruction: A First Approximation to Submerged Prehistoric Landscapes of Isla Espíritu Santo, Mexico
- 197-g Angelina Perrotti and Ryan Duggins—Evidence of Mid-Holocene Environmental Change at the Submerged Archaeological Site, Manasota Key Offshore, Florida
- 197-h Morgan Smith and Shawn Joy—Lithic Technological Organization at 8JE1796: A Perspective from Apalachee Bay, Florida
- 197-i David Thulman—Late Pleistocene Deposits in Lake George, Florida
- 197-j Shawn Joy—Building a Long-Term Underwater Economy Advancing Technology, Ecology, and Cultural Resources (BLUE TEC)

[198] POSTER SYMPOSIUM ■ THE SOCIOECOLOGICAL DYNAMICS OF HOLOCENE FORAGERS AND FARMERS

Room: Exhibit Hall A

Time: 1:00 p.m.–3:00 p.m.

Chair: Jacob Freeman

Participants:

- 198-a Jacob Freeman, Raymond Mauldin, Mary Whisenhunt, Robert Hard and John Anderies—Repeated Hunter-Gatherer Intensification and Population Decline Events

- 198-b Jennifer Finn and Jacob Freeman—Agriculture, Group Size, and Resource Richness
- 198-c Geena Black and Jacob Freeman—Population, Sex, and Diet
- 198-d Judson Finley, Erick Robinson, R. Justin DeRose, James Allison and Matthew Bekker—High-Precision AMS Radiocarbon Chronologies Demonstrate Short-Lived Agricultural Village Occupations on the Northern Colorado Plateau
- 198-e Alexandra Wolberg, Judson Finley and Erick Robinson—Did Arroyo Formation Impact the Occupation of Snake Rock Village, a Fremont Dryland Agricultural Community in Central Utah ca. AD 1000 through 1200?
- 198-f Chelsea Cheney, Judson Finley, Erick Robinson, Molly Cannon and Tim Riley—Fremont Legacy in Capitol Reef and the Waterpocket Fold: A Radiocarbon Analysis of the Pectol Collection Coiled Basketry Using Bayesian Modeling
- 198-g David Harvey, Judson Finley, Erick Robinson and Edward Herrmann—The Age and Function of Slab-Lined Stone Features Associated with a Fremont Foraging-Farming Landscape in Cub Creek, Dinosaur National Monument, Northeastern Utah
- 198-h David Byers, Peter Yaworsky and Jack Broughton—Climate, Prey Choice, Signaling, and Risk: An Integrated Analysis of Holocene Hunting in the Bonneville and Wyoming Basins, USA
- 198-i Kristina Solis, Mary Whisenhunt, Robert Hard, Jacob Freeman and Raymond Mauldin—Morrhiss and Buckeye Knoll Cemetery Sites: A Comparison of Hunter-Gatherer Mortuary Chronologies and Traditions

**[199] POSTER SYMPOSIUM ■ MOGOLLON, MIMBRES, AND SALADO
ARCHAEOLOGY IN SOUTHWEST NEW MEXICO AND BEYOND**

Room: Exhibit Hall A

Time: 1:00 p.m.–3:00 p.m.

Chairs: Karen Schollmeyer and Jeffery Clark

Participants:

- 199-a Charles Hemphill—Analysis of Shell Trade Patterns at Salado Sites in the Southwest
- 199-b Emily Barrick—Comparative Distribution of Kayenta Ground Stone in Hohokam and Mogollon Salado Sites
- 199-c Jonah Bullen—A Comparative Paleoethnobotanical Analysis of Geographically Disparate Salado Sites
- 199-d Kristin Corl—Zooarchaeological Evidence of Human Niche Construction at the Harris Site (LA 1867)
- 199-e Ian Youth and Karen Schollmeyer—Quantitatively Modeling the Relationship between Watershed Size and Site Size in Sixth–Tenth-Century Gila and Mimbres Regions, Southwestern New Mexico
- 199-f Lori Barkwill Love—Reassessing Mimbres Mogollon Red-Slipped Pottery

- 199-g Caitlin Wichlacz—Reassembling Salado: Salado Polychrome Ceramics in the Phoenix Basin
- 199-h Totsoni DeLuna—Ceramic Distribution within the Upper Gila Region
- 199-i Mary Whisenhunt and Patricia Gilman—The Powers Ranch Site: Identity and Affiliation West of the Mimbres Heartland
- 199-j Jorge Barcelo and Allen Denoyer—Comparison of Hafting Adhesive Strengths in Lithic Tools
- 199-k Aleesha Clevenger and Allen Denoyer—Salado Projectile Point Technology at the Gila River Farm Site, Southwestern New Mexico

[200] POSTER SYMPOSIUM ■ TZINTZUNTZAN, CAPITAL OF THE TARASCAN EMPIRE: NEW PERSPECTIVES

Room: Exhibit Hall A

Time: 1:00 p.m.–3:00 p.m.

Chairs: José Luis Punzo Díaz and Ingris Pelaez-Ballestas

Participants:

- 200-a José Luis Punzo Díaz, Carmen Ramos Osnaya and Fernanda Navarro Sandoval—Lidar, Architecture, and Petroglyphs: Urban Analysis of the Vapatzequa San Pablo, Tzintzuntzan
- 200-b Miguel Ibarra López, Marcela Lázaro Tovar, Alfonso Gastelum-Strozzi and José Luis Punzo Díaz—Fire and Death in the Great Platform of Tzintzuntzan, Mexico
- 200-c Karla Rodríguez-Rodríguez, Fernanda Navarro Sandoval, Mónica Sosa-Ruíz, José Ortega-Ramírez and José Luis Punzo Díaz—Divine Food and the Warriors of Curicaueri
- 200-d Ingris Pelaez-Ballestas, Karla Rodríguez-Rodríguez, Miguel Ibarra López, Patricia Rodríguez and Carlos Karam-Tapia—Bioarchaeology of Care of Fishing Community at Tzintzuntzan, Western Mexico: A Multimethod Approach
- 200-e Alfonso Gastelum-Strozzi, Yira Castro-García, Ernesto Dena, Jose Damian Carrillo and José Luis Punzo Díaz—Implementation of Pore-Space Surface Descriptors for the Characterization of Taphonomy and Pathological Changes on Temporal Bones
- 200-f Claudia Ávila, Yalilich Miranda, Emilio Aguayo and Alfonso Gastelum-Strozzi—Traces of Integration: A Study of Early Colonial Ware by Imagenology Methods
- 200-g Adam Budziszewski and Alfonso Gastelum-Strozzi—Spoiler Alert: Bioarchaeological Study of Cremation Funerary Urns with an Application of Computer Tomography

[201] POSTER SYMPOSIUM ■ RECENT ARCHAEOLOGICAL RESEARCH BY PALEOWEST

Room: Exhibit Hall A

Time: 1:00 p.m.–3:00 p.m.

Chair: Marion Forest

Participants:

- 201-a Tiffany Clark and James Potter—Patterns of Faunal Procurement and Consumption at the Mission Santa Clara de Asís Ranchería (CA-SCL-30H)
- 201-b Scott Yost, R. E. Burrillo and Harland Ash—Settlement and Subsistence at the Headwaters of Silver Creek, Western Arizona
- 201-c R. E. Burrillo—Peoples of the Tall Pines: Precontact Architecture and Settlement Patterns in the Sierra Ancha, Central Arizona
- 201-d Angela Huster, Marion Forest, Sebastian Chamorro and Amber Treadway—Hohokam Settlement and Agriculture along the New River
- 201-e Marion Forest, Eric Cox, Matthew Steber, Kevin Sheehan and Madison Lamb—Recent Investigations at AZ U:9:173(ASM)/Crismon Ruin, Arizona
- 201-f Kayla Genord, Kaitlyn Davis, Olivia Sage Grunewald, Breeanna Charolla and Alan Salacain—A Class III Cultural Resource Inventory of Travel Routes on Island Mesa in Montrose and San Miguel Counties, Colorado
- 201-g Heather Young, Cala Castleberry and Michael Foster—Archaeological Reconnaissance Survey of the Bluffs of St. Teresa, Franklin County, Florida

[202] POSTER SYMPOSIUM ■ THE CHENGDU PLAIN ARCHAEOLOGY SURVEY (2004–2011): HIGHLIGHTS FROM THE FINAL REPORT

Room: Exhibit Hall A

Time: 1:00 p.m.–3:00 p.m.

Chairs: Rowan Flad and Kuei-chen Lin

Participants:

- 202-a Kuei-chen Lin and Zhiqing Zhou—Fieldwork Prior to the CPAS and the Influence of CPAS on Recent Fieldwork
- 202-b Shuicheng Li, Joshua Wright, Rowan Flad, Kuei-chen Lin and Zhanghua Jiang—Chengdu Plain Archaeological Survey Culture Distributions: Integration and Interpretation of the CPAS Data
- 202-c Timothy Horsley—Geophysical Survey Results from the Chengdu Plain Archaeological Survey
- 202-d Ming Jiang, Jade d’Alpoim Guedes, Zhanghua Jiang, Zhiqing Zhou and Rowan Flad—Environmental Context and Archaeobotanical Results of the Chengdu Plain Archaeological Survey
- 202-e Matthew Chastain—Petrographic Analysis of CPAS Ceramics: Long-Term Continuity and Change in Chengdu Plain Pottery Production
- 202-f Rowan Flad, Joshua Wright, Zhanghua Jiang, Kuei-chen Lin and Zhiqing Zhou—Changes in Land Use and Landscape in Twentieth-Century Chengdu Plain Survey Area

**[203] SYMPOSIUM ■ DOMESTICATION, EXPLOITATION, AND REVERENCE:
STUDIES IN ZOOARCHAEOLOGY PART II**

Room: B114

Time: 1:00 p.m.–3:00 p.m.

Chair: Anneke Janzen

Participants:

- 1:00 Nicolette Edwards, Karen Lupo and Dave Schmitt—Of Foragers and Farmers: The Influence of Population Interaction on Faunal Diversity and Abundances in Zooarchaeological Assemblages
- 1:15 Thomas Wake—Prehistoric Fishing Practices in Bocas del Toro, Panama
- 1:30 Arkadiusz Marciniak—The Demise of the European Neolithic Mode of Animal Husbandry: A Combined Effect of Milk Consumption, Zoonotic Diseases, and Genetic Changes
- 1:45 Anneke Janzen, Lauren Malone and Amy Mundorf—How Burned Is Too Burned? ZooMS-Based Identifications of Thermally Altered Bone
- 2:00 Ariane Thomas, Matthew E. Hill Jr., Chris Widga, Martin Welker and Andrew Kitchen—Body Mass Estimates of Dogs in North America by Geography, Time, and Human Cultural Associations
- 2:15 Céline Erauw, Sylvie Byl and Peter Eeckhout—The Biggest Party of All? Zooarchaeological Analysis of an Oversized Late Inca Banquet at Pachacamac
- 2:30 Jessica Jenkins and Martin Gallivan—An Interdisciplinary Approach to Understanding Sustainable Oyster Harvesting Practices during the Woodland and Protohistoric Periods in the Lower Chesapeake Bay
- 2:45 Hailin Yi, Peter Rowley-Conwy, Mike Church and Quanfa Cai—Faunal Evidence for a Big Feast Event within a Bronze Age City Site in China

**[204] SYMPOSIUM ■ A SESSION IN MEMORY OF WILLIAM J. FOLAN: CITIES,
SETTLEMENT, AND CLIMATE**

Room: B111

Time: 1:00 p.m.–3:15 p.m.

Chair: Jerald Ek

Participants:

- 1:00 Jerald Ek—Discussant
- 1:15 John Dewhirst—William J. Folan's Canadian Contributions to Archaeology and Ethnohistory
- 1:30 Joel Gunn and Lynda Florey Folan—William J. Folan and the Climate Fascination
- 1:45 Nuria Torrescano-Valle, William Folan and Joel Gunn—Environmental History of the Petén Campechano
- 2:00 Kathryn Reese-Taylor, Felix Kupprat, Armando Anaya Hernández, Nicholas Dunning and Adriana Velazquez Morlet—Lidar Reconnaissance of the Calakmul Urban Landscape
- 2:15 Jerald Ek—A Tale of Two Types of Cities: The Rise and Decline of Low-Density Urbanism in Champotón, Campeche

- 2:30 Isabella Medina, Inés Zazueta and Vera Tiesler—Bones and Ritual among the Ancient Maya of Calakmul and Champotón, Campeche: Celebrating the Legacy of Dr. William Folan (1931–2022)
- 2:45 Geoffrey Braswell—Ancient Obsidian Trade in Campeche, Mexico
- 3:00 Allan Maca—Discussant

[205] SYMPOSIUM ■ ATTENDING TO THE DEAD: STUDIES IN MORTUARY ARCHAEOLOGY PART II

Room: B118 & B119

Time: 1:00 p.m.–3:15 p.m.

Chair: Katherine Pompeani

Participants:

- 1:00 Takashi Sakaguchi and Satoshi Okamura—Sourcing of Grave Stones in the Late Jomon of Central Hokkaido
- 1:15 Luis Flores-Blanco—Kaillachuro: The Emergence of Burial Mounds in an Egalitarian Community of the Titicaca Basin, South-Central Andes, 5.0 Ka
- 1:30 Amandine Flammang and Margot Serra—Reconstructing Funerary Practices from a Heavily Looted Tomb: A Case from the Upper Nepeña Drainage, Ancash, Peru
- 1:45 Jessica Cerezo-Román, Megan Walsh and Jane Buikstra—Cremation Mortuary Practices during the Archaic Period in Ancient Athens and Attica
- 2:00 Samantha Lorenz, Ana Margarida Moço, Rachel Holland, Rui Mataloto and Brandon Lewis—Postmortem Rituals: Skeletal Manipulation of a Late Antiquity Burial in Portugal
- 2:15 Keli Watson, Dana Evaschuk, Marina Elliott and Mike Robertson—The Ancestral Remains of the Cheslatta T'en: A Rare Burial Site from the Middle Holocene in Central British Columbia
- 2:30 Tomás Gallareta Cervera, Anna Novotny and Brett Houk—Place Making and Remaking: Early Classic Mortuary Rites at the Ancient Maya Site of Chan Chich, Northwest Belize
- 2:45 Brandon Lewis, Rui Mataloto, Samantha Lorenz and Hugo Miranda de Morais—The Roman Basilica at Freixo, Portugal: Ongoing Excavations and Current Interpretations Regarding the Role and Regional Significance of this Hinterland Community
- 3:00 Katherine Pompeani—Landscapes of the Dead: Using GIS to Model Social Relationships in a Large Bronze Age Cemetery

[206] SYMPOSIUM ■ MATERIALITY OF MEANINGS AND AESTHETICS: ART AND CRAFT IN THE ARCHAEOLOGICAL RECORD PART II

Room: B116

Time: 1:00 p.m.–3:30 p.m.

Chair: Sahra Talamo

Participants:

- 1:00 Sahra Talamo, Wioletta Nowaczewska, Andrea Picin, Adam Nadachowski and Jean-Jacques Hublin—A 41,500-Year-Old Decorated Ivory Pendant from Stajnia Cave (Poland) Reveals the Earliest Punctate Ornament in Central Europe
- 1:15 Ryan Arp and Steve Swanson—Crafting in Oversized Ancestral O’odham Structures
- 1:30 Bernie Taylor—Origins of Parietal Art: Evidence from the Archaeological Record
- 1:45 Hannah Mattson—Reexamining the Organization of Ornament Production at Chaco Canyon: Insights from Pueblo Bonito’s Lapidary Tool Assemblage
- 2:00 Francisco Estrada-Belli and Alexandre Tokovinine—Chochkitam: A Classic Maya Kingdom on the Kaanu’l Path to Tikal—An Update
- 2:15 Marco Serino and Eleni Hasaki—Mobilities of Potters and Pot Painters in Ancient Mediterranean: The Test Cases of Classical Athens and Southern Italy
- 2:30 Laurie Webster—Refining the Chronology of Basketmaker II Perishable Craft Production in Southeastern Utah
- 2:45 Stephanie Lozano—Ancient Mesoamerican Rain Cloud Iconography and Early Rain Entities
- 3:00 Jacqueline Correa, Ester Echenique and Calogero Santoro—Inka Unku: Imperial or Provincial? State-Local Relations
- 3:15 Paola Michel Flores—Arquitectura mudéjar en la Nueva España, un problema arqueológico

[207] SYMPOSIUM ■ SUPPORTING PRACTICAL INQUIRY: THE PAST, PRESENT, AND FUTURE CONTRIBUTIONS OF THOMAS DYE

Room: BI 17

Time: 1:00 p.m.–3:45 p.m.

Chairs: Seth Quintus and Timothy Rieth

Participants:

- 1:00 James Bayman—Discussant
- 1:15 Alex Morrison, Timothy Rieth and Anthony Dosseto—Methodological Considerations for Modeling the Temporal Characteristics of Hawaiian Architecture: An Example from Kekaha Kai, North Kona
- 1:30 Myra Jean Tuggle, Timothy Rieth, Darby Filimoehala and Matthew Bell—l’a, Loko, and Loko l’a Kalo: The Riches of Pu’uloa Lagoon and How They Came to Be
- 1:45 Darby Filimoehala and Christopher Filimoehala—Ethnoarchaeological Contributions to Interpreting Pacific Archaeofish Assemblages
- 2:00 Peter Mills—Discussant
- 2:15 Questions and Answers
- 2:30 Jennifer Kahn and Dana Lepofsky—Digging Deep: Place-Based Variation in Mā’ohi Agricultural Production Systems across the Late Precontact Society Islands, French Polynesia

- 2:45 Timothy Rieth, Robert DiNapoli, Carl Lipo and Terry Hunt—Bayesian Chronological Modeling Parameters for Establishing Initial East Polynesian Colonization
- 3:00 Seth Quintus, Jeffrey Clark and David Addison—Small Islands and Constructed Landscapes: A Bayesian Cultural Chronology of the Manu'a Group
- 3:15 Ethan Cochrane, Seth Quintus, Matiu Prebble and Ta'iao Matiu Matavai Tautunu—Bottom-Up Data on Sociopolitical Complexity in Ancient Samoa
- 3:30 Thomas Dye—Discussant

[208] SYMPOSIUM ■ CULINARY ARCHAEOLOGY

Room: A105

Time: 1:00 p.m.–3:45 p.m.

Chair: Kimberley Connor

Participants:

- 1:00 Kimberley Connor—Culinary Archaeology at Hyde Park Barracks: Multi-material Analysis of Food and Dining in a Nineteenth-Century Immigration Depot
- 1:15 Veronica Peterson—Developing a Culinary Archaeology Framework for Comparative Studies of the Chinese Diaspora
- 1:30 Ryan Kennedy and Koji Lau-Ozawa—Culinary Innovation and Political Action in a Japanese Incarceration Camp
- 1:45 Merit Hondelink—Searching for Clues: Processing-Wear Analysis on Waterlogged Edible Plant Remains in Archaeobotanical Samples
- 2:00 Emily Dawson—Consuming Community: Cuisine, Community, and Resilience in Late Colonial New Mexico
- 2:15 Lindsey Paskulin, Aleksa Alaica, Lindi Masur, Edward Swenson and Camilla Speller—Taking a Closer Look: Biomolecular Insights to Foodways among the Moche of North Coastal Peru
- 2:30 Christine Hastorf—Forensic Culinary Archaeology: Seeking the Longevity of Recipes and Their Flavors from Crete
- 2:45 Sarah Graff—Food Futures: Culinary Archaeology and Anticipating the Future
- 3:00 Questions and Answers
- 3:15 Amanda Logan—Discussant
- 3:30 Mary Weismantel—Discussant

[209] SYMPOSIUM ■ CRUCIAL ISSUES IN UNITED STATES DEPARTMENT OF DEFENSE CULTURAL RESOURCES MANAGEMENT

(Sponsored by the Military Archaeological Resources Stewardship Interest Group)

Room: C125 & C126

Time: 1:00 p.m.–4:00 p.m.

Chairs: Reymundo Chapa and Michael Fedoroff

Participants:

- 1:00 Michael Fedoroff—Building Resilient Cultural Resource Programs with Tribal Partners: A Department of Defense (DoD) Perspective
- 1:15 Shannon Voggesser and Gwynn Ellis—Development and Use of Interactive Cultural Resources Tribal Relations Viewer for Informed Air Force Decision-Making
- 1:30 Raymond Sumner and J. Javi Vasquez—Synchronizing Views: The Development of the Sentinel Cultural Resource—Common Operational Picture (CR-COP) Tool as a Solution for Large-Scale NHPA Compliance and Consultation Challenges
- 1:45 J. de Gregory and Jennifer Harty—Tribal Consultation Program Renewal: An Example from the Air National Guard
- 2:00 Questions and Answers
- 2:15 Levi Keach—The Role of Geophysical Remote Sensing in the Management of Archaeological Resources within the US Army Corps of Engineers, Omaha District's Missouri River Main Stem Dam System
- 2:30 Kelsey Lowe, Enid Tom, Michael Westaway, Jaime Swift and Annie Lau—Unearthed Burial from Rising Sea Levels: A Collaborative Community Approach for Tackling Climate Change in the Torres Strait Islands, Australia
- 2:45 Maia London, Shaun Nelson and Ellyse Simons—Effective Tribal Consultation and Engaging Partnerships: A Utah DoD Collaboration
- 3:00 Tessa Amend—Cultural Resource Implications of Wildfires on the Orchard Combat Training Center
- 3:15 Jake Fruhlinger—Discussant
- 3:30 Julie Esdale—Discussant
- 3:45 Kate Plimpton—Discussant

[210] SYMPOSIUM ■ CURRENT RESEARCH ON ANCIENT GLASS AROUND THE INDIAN OCEAN**Room:** C122**Time:** 1:00 p.m.–4:15 p.m.**Chair:** Laure Dussubieux**Participants:**

- 1:00 Laure Dussubieux, Ariane de Saxcé, Nimal Perera and Mangala Katugampola—Glass Production in Sri Lanka: New Data from Giribawa
- 1:15 Shinu Anna Abraham, Laure Dussubieux, Thomas Fenn and Alok Kanungo—Reconstructing Glass Manufacturing Patterns in India through Raw Materials Sourcing and Ethnoarchaeological Investigations
- 1:30 Thomas Fenn, Laure Dussubieux, Shinu Anna Abraham and Alok Kanungo—Ancient and Historic Glass Production in India: Preliminary Results of Raw Material Analyses

- 1:45 Alison Carter and Kelby Beyer—Contextualizing a Collection: Compositional, Morphological, and Trade Network Insights from an Iron Age Collection of Rare Southeast Asian Glass Ornaments
- 2:00 Katherine Larson, Kristin Landau and Laure Dussubieux—Ancient Beads from Southeast Asia at the Corning Museum of Glass
- 2:15 Katherine Jefferys—Glass Beads from Saudi Arabia in the University of Oregon’s Museum of Natural and Cultural History
- 2:30 Tayla Hanson, Emma Kissel and Charlotte Nash—Glass Bangles from Saudi Arabia in the University of Oregon’s Museum of Natural and Cultural History
- 2:45 Charlotte Nash-Pye, Andrew Meek and St John Simpson—Current Research on Islamic Glass Bangles of the Arabian Peninsula
- 3:00 Akshay Sarathi, Laure Dussubieux and Jonathan Walz—A Comparison of the Glass Bead Trade at Unguja Ukuu and Kizimkazi Dimbani, Zanzibar
- 3:15 Marilee Wood, Laure Dussubieux, Stephanie Wynne-Jones and Jeffrey Fleisher—The Glass Beads of Songo Mnara, Tanzania
- 3:30 Foreman Bandama—Glass Beads from Bumbusi in Northwest Zimbabwe: Intersection of History and Archaeology
- 3:45 Joe Merchant, Jeffrey Fleisher and Gry Barfod—Indian Ocean Glass Beads from Miyoba Mound in the Kafue River Floodplain, Zambia
- 4:00 Questions and Answers

[211] SYMPOSIUM ■ PEDAGOGY IN THE UNDERGRADUATE ARCHAEOLOGY CLASSROOM

Room: C124

Time: 1:00 p.m.–4:15 p.m.

Chair: Maureece Levin

Participants:

- 1:00 Kara Fulton—Student Perceptions of Transferrable Skill Development in an Online Archaeology Course
- 1:15 Christopher Hernandez—Integrating 360 VR, 3D Printing, and the Undergraduate Archaeological Classroom
- 1:30 Aspen Kemmerlin—Exploring the Possibilities of Active Learning through Collections-Based Archaeology Courses
- 1:45 Elizabeth Hoag and Riley Rist—Hands-On in the Classroom: Teaching about the Past to Undergraduate Art Students
- 2:00 Maureece Levin and Jenny Evans—Functional Art in the Experimental Archaeology Classroom
- 2:15 Mairead Doery—Teaching from the Trenches: Graduate Student Pedagogy in the Undergraduate Archaeology Classroom
- 2:30 Christina Sampson—Collaborative and Open Education Practices in Undergraduate Anthropology Instruction
- 2:45 Margaret Helzer—Teaching Archaeology in the Age of Disinformation

- 3:00 Katherine Patton and Krista Maxwell—Unsettling the Classroom: Teaching Archaeology's Ties with Settler-Colonialism
- 3:15 Kirby Farah and Benjamin Luley—Reimagining “Archaeological Field Methods”: Insights on Integrating Campus Excavation, Classroom Instruction, and Critical Discussion
- 3:30 Katherine Moore, Chantel White, Marie-Claude Boileau, Jason Herrmann and Vanessa Workman—Hands-On Learning Applications in University Archaeological Science Courses
- 3:45 Aimee Miles—From Field to Table: Critical Perspectives on the Social Dynamics of Field-Based Learning, and How They Can Help Us Refine More Reflexive Educational Approaches
- 4:00 Questions and Answers

[212] SYMPOSIUM ■ ESTABLISHING THE SCIENCE OF PALEOLITHIC ARCHAEOLOGY: THE LEGACY OF HAROLD DIBBLE (1951–2018) PART II

Room: C123

Time: 1:00 p.m.–4:15 p.m.

Chair: Shannon McPherron

Participants:

- 1:00 Alison Brooks, Joshua Porter and John Yellen—Core Variability in the Middle Stone Age of East Africa
- 1:15 George Leader, Rachel Bynoe, Theodore Marks, Dominic Stratford and Abi Stone—Namib IV: Assessing Acheulean Technology in Relation to Depositional Processes in an Arid Landscape
- 1:30 Nuno Bicho, João Cascalheira, Jonathan Haws and Matthieu Honegger—MSA Technology in Kerma, Sudan: The Development of Fieldwork Methods for Data Acquisition in Basalt Outcrop Settings
- 1:45 Nicholas Conard and Manuel Will—What Drives the Variability in MSA Lithic Assemblages from Sibhudu Cave, South Africa
- 2:00 Gilbert Tostevin—Measuring Intensity: Harold Dibble's Contributions to Paleoanthropology and Specifically to the Measure of Site Occupational Intensity
- 2:15 Flint Dibble—Formation Processes and Biases in Big Data
- 2:30 Curtis Marean—Total Station Archaeology: Digging the Dibble Way
- 2:45 Paul Goldberg and Vera Aldeias—Geoarchaeology, the French Paleolithic, and Harold
- 3:00 Erella Hovers and Anna Belfer-Cohen—Moving toward a Nuanced View of Symbols and Symbolic Culture
- 3:15 Melanie Chang and April Nowell—The Scientific Method in Paleolithic Archaeology
- 3:30 Dennis Sandgathe—Harold Dibble's Approach to Understanding the Middle Paleolithic Archaeological Record: Neanderthals outside the Box

- 3:45 Shannon McPherron—Harold Dibble: Skepticism, Null models, and $p < 0.05$
 4:00 Questions and Answers

[213] SYMPOSIUM ■ WARFARE AND THE ORIGINS OF POLITICAL CONTROL

Room: B112

Time: 1:00 p.m.–4:45 p.m.

Chair: Brian Billman

Participants:

- 1:00 Rod Campbell—Warfare and the Polity in Early China
 1:15 Nam Kim—Warfare and the Rise of Sociopolitical Complexity in Southeast Asia
 1:30 Monica Smith—From City Walls to Country Forts: Changing Landscape Intentions of Social Complexity from the Early Historic to Medieval Eras in the Indian Subcontinent
 1:45 Augusta McMahon—Early Mesopotamian Urbanism and Social Stress: Violent Conflict at Fourth Millennium BCE Tell Brak, NE Syria
 2:00 Christian Horn—All in One Boat: How to Keep a Raiding Party Together in Bronze Age Southern Scandinavia
 2:15 David Dye—Mississippian Warfare and Social Houses
 2:30 Tyler Ferree, Gregory Wilson and Amber VanDerwarker—War, Power, and History in the Mississippian Period Central Illinois Valley
 2:45 Catherine Cameron—Warfare, Captive-Taking, Enslavement, and the Creation of Power
 3:00 Amanda Suárez Calderón, Yahaira Núñez-Cortés and Francisco Corrales-Ulloa—Warfare and the Origins of Social Complexity in Southern Central America
 3:15 Takeshi Inomata—Ideological and Material Conditions Shaping the Nature of Warfare in Maya Society
 3:30 Elizabeth Arkush—Conflict and the Politics of Solidarity: Hierarchy and its Limits in the Late Precolumbian Andean Highlands
 3:45 Dennis Ogburn—Conveying Inka Ideology of Warfare for Establishing and Maintaining Political Control
 4:00 Brian Billman—War and Peace and the Origins of Political Control in the Central Andean Coast: 3000 BC–AD 600
 4:15 Richard Chacon—Discussant
 4:30 Johan Ling—Discussant

[214] SYMPOSIUM ■ ANIMAL RESOURCES IN EXPERIMENTAL ARCHAEOLOGY

Room: A107

Time: 1:00 p.m.–4:45 p.m.

Chairs: Naomi Martisius, Danielle Macdonald and Giulia Gallo

Participants:

- 1:00 Naomi Martisius—Discussant

- 1:15 Abigail Desmond—Ephemera: Bone Tools as Windows into the “Archaeologically Invisible”
- 1:30 Chrissina Burke, Magen Hodapp, Kelsey Gruntorad, Natalie Patton and Wyatt Benson—Awl Mighty Tools: Comparing Experimentally Created Animal Bone Tools to Archaeological Examples
- 1:45 Aurore Val, Guillaume Porraz and Marina Igreja—Using Ungulate Bones to Retouch and (Re)Sharpen Middle Stone Age End-Scrapers at Bushman Rock Shelter, South Africa
- 2:00 Emily Hallett and Jacopo Niccolo Cerasoni—Bone and Antler Organic Pressure Flakers
- 2:15 José-Miguel Tejero, Olivia Cheronet, Pere Gelabert, Gerhard Weber and Ron Pinhasi—Assessing a Minimally Invasive Method for Ancient DNA Sampling of Paleolithic Bone and Antler Tools by Micro-CT Scan and Density Measurements
- 2:30 Silvia Bello and Simon Parfitt—Distinguishing Tooth Marks from Knapping Marks and Assessing Conflicting Interpretations of Modified Bones from the Upper Paleolithic Site of Gough’s Cave (Somerset, UK)
- 2:45 Naomi Martisius, Logan Guthrie and Danielle Macdonald—Time to Shine: Quantifying the Effect of Burnishing as a Bone Tool Production Method
- 3:00 W. James Stemp, Danielle Macdonald, Naomi Martisius and Christopher Brown—Quantification of Use-Wear on Experimental Shell Tools: First Results Using Focus Variation Microscopy and Surface Roughness Analysis
- 3:15 Patricia McNeill, Bryna Hull and Teresa Steele—Using Modern Ostrich Eggshell to Establish a Color Alteration Index and Determine the Physical and Chemical Effects of Heat Exposure
- 3:30 Teresa Steele, Mareike Stahlschmidt and Susan Mentzer—Investigating the Impact of a Recent Wildfire on Tortoises at Cape Point, South Africa: Implications for Our Understanding of Ancient Pyrotechnology and Its Uses
- 3:45 Giulia Gallo—Investigation of Thermal Alteration of Dry Bone via Spectroscopic Analysis
- 4:00 Stephen Merritt—Is Pseudoreplication a Problem for Experimental Studies of Bone Surface Modification?
- 4:15 Alan Outram—Discussant
- 4:30 Questions and Answers

[215] SYMPOSIUM ■ HILL PEOPLE: NEW RESEARCH ON TIJERAS CANYON AND THE EAST MOUNTAINS

Room: B115

Time: 1:00 p.m.–5:00 p.m.

Chairs: Kelly Jenks and Phillip Leckman

Participants:

- 1:00 Phillip Leckman—A View from Above: The Dynamic Human Landscapes of the East Mountains

- 1:15 David Unruh—Midden Deposits at a Salinas Province Pueblo: Archaeological Investigations at Chilili (LA 847)
- 1:30 William Graves and Evan Giomi—A New Take on Cultural Identities at Chilili Pueblo and the East Mountains Villages
- 1:45 Noah Thomas—Social, Material, and Symbolic Transformations of Value at the Margins of Colonization: A View from the Seventeenth-Century Metallurgical Terraces at Paa-ko (LA 162), NM
- 2:00 Danielle Huerta—Glittering and Glassy: Understanding the Intersection of Colonial Mineral Extractivism and the Production of Late Rio Grande Lead Glaze-Painted Pottery at Paa-ko Pueblo
- 2:15 Matthew Schmader—From Contact to Colony at the Edge of the Tiguex Province
- 2:30 Kelly Jenks—Cañon de Carnué: A Place of Connection
- 2:45 Questions and Answers
- 3:00 Allyson Ueki—Landscape Systems of San Miguel de Carnué
- 3:15 Jason Vandervort—A Ceramic Analysis of San Miguel de Carnué Plaza Complex (LA 12924)
- 3:30 Rani Alexander and Jocelyn Valadez—The Zooarchaeological Remains from San Miguel de Carnué (LA 12924) from the 2022 Field Season
- 3:45 Peter Kovacik—Living on the Edge: Uncovering Quotidian Life of the Eighteenth-Century Land Grant Community of San Miguel de Carnué
- 4:00 Heather Atherton—Keeping It Local: Looking Inward at the Land Grant Community of San José de las Huertas
- 4:15 Moises Gonzales—Querencia: Community Reciprocity in Management of the Cultural Landscape by East Sandia and Manzano Land Grant Communities
- 4:30 James Sattler—The Tijeras Cultural Corridor Plan: Connecting Community to the Natural and Cultural History of Tijeras Canyon
- 4:45 Mark Lycett—Discussant

[216] SYMPOSIUM ■ CERAMICS AND ARCHAEOLOGICAL SCIENCES

(Sponsored by the Society for Archaeological Sciences [SAS])

Room: A106

Time: 1:00 p.m.–5:00 p.m.

Chairs: Kostalena Michelaki, Charles Kolb and Sandra Lopez Varela

Participants:

- 1:00 Charles Kolb, Kostalena Michelaki and Sandra Lopez Varela—Introduction: Ceramics and Archaeological Sciences
- 1:15 Whitney Goodwin, Hector Neff, Daniel Pierce and Michael Glascock—The Mesoamerican Ceramic Neutron Activation Analysis (NAA) Database at MURR: History, Current Status, and Future Directions
- 1:30 Matthew Meyer, Marcie Venter and Christopher Pool—Compositional and Stylistic Analysis of Texcoco-Molded Censers and Molds from the Gulf Lowland Frontier of the Aztec Empire

- 1:45 Hector Neff—Salt and Plumbate: Late Classic Multi-crafting in Eastern Soconusco, Chiapas, Mexico
- 2:00 Destiny Crider, Samuel Nelson and Ian Gonzales—Ceramic Production in Epiclassic Central Mexico: Strategies for Assessing Regional Variation with INAA, Paste Recipes, and Stylistic Choices
- 2:15 Anabel Ford and Frank Spera—Challenges in the Identification of Fresh Volcanic Glass Shards in Ancient Maya Pottery Sherds
- 2:30 Cynthia Otis Charlton, Danielle Dadiago and Judith Bense—The Diaspora of Eighteenth-Century Mexican Figurines: The Intersection of Spain, Mexico, and La Florida
- 2:45 Robert Tykot—Discussant
- 3:00 Sachiko Sakai—Fine-Scale Investigation of Changes in the Ceramic Production Using Sherd Temper in the Mt. Trumbull Area of the Grand Canyon Parashant National Monument, Arizona
- 3:15 Robert Tykot, McKenna Douglass, Whitney Goodwin, Zachary Atlas and Michael Glascock—Establishing Ceramic Source Groups in Florida Using a Multi-method Approach
- 3:30 Anne Underhill, Fengshi Luan and Fen Wang—Urbanization and Ceramic Consumption at the Late Neolithic Settlement of Liangchengzhen
- 3:45 Andrew Womack, Anke Hein and Ole Stilborg—New Insights into Bronze Age Ceramic Production in Northwestern China: Petrographic Analysis of Qijia and Shajing Materials from the Andersson Collections
- 4:00 Camilla Sturm, Liam Hayes and Anna Campbell—Ceramic Technology beyond the Rim: Reconstructing (and Firing) a Late Neolithic Chinese Kiln
- 4:15 Chandra Reedy—Micro-CT Scanning with 3D Image Analysis of Pore Systems in Sherds as a Tool to Understand Performance Characteristics of Archaeological Ceramics
- 4:30 Kostalena Michelaki, Andrea Torvinen and Andrea Berlin—Pan-American Ceramics Project: Increasing the Accessibility and Interoperability of Ceramic Data in the Digital Age
- 4:45 David Killick—Discussant

**[217] SYMPOSIUM ■ SEEING MIGRANT AND DIASPORA COMMUNITIES
ARCHAEOLOGICALLY: BEYOND THE CULTURAL FIXITY/FLUIDITY
BINARY**

Room: A103 & A104

Time: 1:00 p.m.–5:00 p.m.

Chairs: Erin Riggs and Julia Haines

Participants:

- 1:00 Anna Whittemore—Settled in Strange Lands: Forced Relocation as a Technology of the Inka Empire
- 1:15 Julia Haines—Diasporic Tensions of Historical Framing and Material Process in Mauritian Archaeology

- 1:30 V. Camille Westmont—Seeing Identity within a Carceral Environment: Race and Gender within sites of the Southern Convict Lease System
- 1:45 Donna Nash—Home, Hearth, and Hammer: Detecting Migrants in the Wari Empire, Peru
- 2:00 Tatiana Niculescu—“Wide-Awake Merchants” and Reform-Minded Women: Archaeology of Alexandria, Virginia’s German Jewish Community
- 2:15 Supriya Varma—Migrant and Diaspora Communities in Ancient Kutch and Saurashtra
- 2:30 Christopher Beekman and Migration Collective CfAS—Modeling a Collaborative Archaeological Synthesis of Human Migration for a Long-Term, Global Perspective
- 2:45 Koji Lau-Ozawa and Ryan Kennedy—Diaspora on the Block: Neighborhood Archaeology as Theory and Method
- 3:00 Brandon Ritchison, Maureen Meyers and Zoe Doubles—Rethinking Mississippian Migration and Frontier Settlement in Southwest Virginia, USA
- 3:15 Erin Riggs—Negotiating the Centrality of Regional Identity in Real Time: Punjabi, Bengali, and NWFP-Ness among Partition Refugees in Delhi
- 3:30 Patricia Markert—Five Generations at the Stagecoach Inn: A Ruin at the Intersection of Historic Migration(s) in D’Hanis, TX
- 3:45 Eduard Fanthome—Moving in New Ways, Making New Places: Novelty and the Politics of Place Making
- 4:00 Katrina Eichner—Community Caretaking, Collective Parenting, and Othermothering: Diasporic Family Building in the Western American Military
- 4:15 Dana Bardolph, Christina Friberg and Gregory Wilson—Redrawing the Arrows of Mississippianization to and from the Central Illinois River Valley
- 4:30 Mark Hauser—Discussant
- 4:45 Questions and Answers

[218] SYMPOSIUM ■ RECENT ADVANCES IN ZOOARCHAEOLOGICAL METHODS

(Sponsored by the Zooarchaeology Interest Group)

Room: A108 & A109

Time: 1:00 p.m.–5:00 p.m.

Chairs: Nicolas Delsol and Arianne Boileau

Participants:

- 1:00 Mark Plew and Louisa Dagers—Reconstructing Holocene Coastal Adaptations: An Evaluation of the Archaeological Shell Midden Record along Guyana’s Northwestern Coast
- 1:15 Sarah Noe, Amber VanDerwarker, Gregory Wilson, Douglas Kennett and Richard George—Deer, Drought, and Warfare: An Isotopic Investigation of Hunting Strategies from the Eleventh through the Fourteenth Centuries in the Central Illinois River Valley (CIRV)
- 1:30 Jason Miszaniec, Paul Szpak, John Darwent and Christyann Darwent—

- Why Screen-Size Matters for Isotopic Analysis of Archaeological Faunal Remains: A Case Study from Norton Sound, Alaska
1:45 Geneviève Pothier-Bouchard, Julien Riel-Salvatore, Michael Buckley and Karine Taché—A Comparative Archaeological Exploration of Question-Oriented Sampling Strategies to Integrate ZooMS into Zooarchaeological Methods
- 2:00 Carolyn Freiwald, Christina Halperin, Camille Dubois-Francoeur and Jacob Harris—Late Classic Maya Bone Tool Production and Use at Ucanal, Guatemala
- 2:15 Iride Tomazic, Amy Nicodemus and John O’Shea—Heavy Metal Animals: A Preliminary Study of Anthropogenic Pollution in Animals from the Southern Carpathian Bronze Age
- 2:30 María Martínez-Polanco and Florent Rivals—Neotropical Cervids Dietary Traits as a High-Resolution Tool to Understand Past Human Subsistence Strategies
- 2:45 Miranda George, Elizabeth Paris and Roberto López Bravo—A Novel Approach to the Identification of Dog Breeds in Highland Chiapas, Mexico
- 3:00 Questions and Answers
- 3:15 Eric Gilmore, Jonathan Dombrosky, Lisa Nagaoka and Steve Wolverson—Welcome to the Machine: New Techniques in Predictive Modeling for Improving Data Quality in Zooarchaeology
- 3:30 Isabelle Holland-Lulewicz and Jacob Holland-Lulewicz—A Network Approach to Zooarchaeological Datasets
- 3:45 Alexandra Derian—Efficiently Assessing a Large Collection of “Unidentifiable” Faunal Specimens
- 4:00 Madonna Moss, Eleni Petrou, Camilla Speller, Dongya Yang and Lorenz Hauser—The Archaeology of Herring: A 10-Year Effort to Overcome Technical Challenges, Part 1
- 4:15 Camilla Speller, Eleni Petrou, Madonna Moss, Dongya Yang and Lorenz Hauser—The Archaeology of Herring: A 10-Year Effort to Overcome Technical Challenges, Part 2
- 4:30 Susan deFrance, Neeka Sewnatha, Nicolas Delsol and Robert Guralnick—Ancient DNA of Camelids from Far Southern Peru: Whole Genome Enrichment Methods Reveal Breeding History at Tiwanaku and Inca Sites
- 4:45 Arianne Boileau, Kitty Emery, Ashley Sharpe, Grace Zhang and Dongya Yang—Exploring Freshwater Turtle Population Dynamics in the Maya World through Ancient DNA Analysis

[219] SYMPOSIUM ■ FROM HARD ROCK TO HEAVY METAL: METAL TOOL PRODUCTION AND USE BY INDIGENOUS HUNTER-GATHERERS IN NORTH AMERICA

Room: B113

Time: 1:15 p.m.–4:30 p.m.

Chairs: Christopher Wolff and Michelle Bebber

Participants:

- 1:15 Michelle Bebber and Christopher Wolff—Introduction to Session: Recent Research and Future Objectives
- 1:30 Patrick Jolicoeur—Metalheads about the Polar Sea: Metal Use in the Eastern Arctic and Its Significance for Understanding Broader Interaction Dynamics
- 1:45 H. Kory Cooper, Matthew Pike and Garrett Hunt—Precontact Native Copper Innovation in the North American Arctic, Subarctic, and Northwest Coast
- 2:00 Gregory Lattanzi—Red Metal, Domestic God: Prehistoric Copper Use in the Middle Atlantic Region
- 2:15 Matthew Sanger—Ancient Use of Copper in the Southeast United States
- 2:30 Metin Eren, Grace Conrad, Stephen Lycett and Michelle Bebber—A Morphometric Comparison of Copper versus Stone Weapon Tips from the Old Copper Culture
- 2:45 Ryan Peterson—Miskwabik’s Journey beyond Minong: Copper Production Systems among Hunger-Gatherers in the Northern Lake Superior Basin 4,000–6,000 Years Ago
- 3:00 Questions and Answers
- 3:15 Timothy McCoy—The Use of Iron Meteorites for Hopewell Beads
- 3:30 Sarah LavenderNees and Michelle Bebber—Hopewellian Meteoric Iron Use: An Experimental Approach for Exploring Production and Function
- 3:45 Julie Lierenz—Exploring Archaic Technological Innovations: Comparative Functional Efficacy of Copper and Stone Projectile Points
- 4:00 Amanda Samuels, Christopher Wolff, Donald Holly, Michelle Bebber and Metin Eren—From Stone to Iron: Effects of Colonial Materials on Beothuk Traditional Technology
- 4:15 Christopher Wolff, Michelle Bebber, Metin Eren, Amanda Samuels and Donald Holly—The Convergence of Metal Projectile Points: Assessing the Relative Influence of Function in Nonhomologous Technological Traditions

[220] SYMPOSIUM ■ SOCIAL AND ENVIRONMENTAL INTERACTIONS ON COASTS AND ISLANDS IN KOREA

Room: C120 & C121

Time: 1:30 p.m.–4:00 p.m.

Chairs: Gyoung-Ah Lee and Hyunsoo Lee

Participants:

- 1:30 Haebeom Kim and Gyoung-Ah Lee—Comparing Population Dynamics in the Inland and the Coastal Regions during the Chulmun Period (10,000–3500 cal BP) in Korea
- 1:45 Seungki Kwak, Sujung Lee and Heegeun Kim—Beyond “Maritime”: New Approaches in Understanding Foodways of the Neolithic Coastal Dwellers in the Korean Peninsula during the Early-Middle Holocene
- 2:00 Ilhong Ko—Social Interactions along Korea’s Southern Coastline: The

- Legacy of the Protohistoric Port of Neukdo (ca. Second Century BCE to First Century CE)
- 2:15 Geun Tae Park—Distributions and Characteristics of the Cave Sites on Jeju Island during Late Pleistocene to Middle Holocene
- 2:30 Questions and Answers
- 2:45 Hyeonsoo Song—Shell Midden Formation and Occupants during the Tamna Period (Third to Tenth Century CE) on Jeju Island
- 3:00 Hyunsoo Lee and Gyoung-Ah Lee—Niche Construction of Coastal Farming: Archaeobotanical Approach at the Gungokri Site (150 BCE–400 CE)
- 3:15 Hyounggon Bae—Faunal Remains and Subsistence Economy of the Gungokri Shell Midden Site (ca. Third Century BCE to Fifth Century CE)
- 3:30 Sungjoo Lee, Jiyeon Lee and Jinwoo Kim—Island in History or in Ecology? The Construction of Monumental Burials in Ulleung-Island in Korea
- 3:45 Gyoung-Ah Lee—Discussant

[221] FORUM ■ DECOLONIZING CURRICULUM IN ARCHAEOLOGY

Room: Ballroom 204

Time: 3:00 p.m.–5:00 p.m.

Moderator: Kristine Bovy

Participants:

- Sonya Atalay—Discussant
 Mairead Doery—Discussant
 Stephen Silliman—Discussant
 Diane Teeman—Discussant
 Emily Van Alst—Discussant

[222] SYMPOSIUM ■ DRINKING BEER IN A BLISSFUL MOOD: A GLOBAL ARCHAEOLOGY OF BEER

Room: Ballroom 201

Time: 3:15 p.m.–5:00 p.m.

Chair: Marie Hopwood

Participants:

- 3:15 John Arthur—Beer, Pots, and Caste: A Tale of Two Sites in the Gamo Highlands of Southwestern Ethiopia
- 3:30 Melissa Ayling—Drinking the Diaspora: An Archaeological Investigation into the Maintenance of Traditional Tigrayan Brewing Practices by Emigrant Ethiopians in British Columbia, Canada
- 3:45 Yahui He—A Symbiotic Relationship between People, Plants, and Microbes: A Case Study on the Fermented Beverages from the Chahekou Site in North China during the Middle Neolithic Period
- 4:00 Jingbo Li—Alcohol, Rituals, and Spirits at the Late Shang Center: Residue Analysis of Ceramic Vessels in Anyang
- 4:15 Li Liu—Serving Alcoholic Beverages to the Ancestors in Neolithic China

- 4:30 Marie Hopwood—In the Reed Buckets There Is Sweet Beer: An Archaeology of Beer, Brewing, and Women in Mesopotamia
- 4:45 Tate Paulette—Beer and the Politics of Affect in Mesopotamia

[223] SYMPOSIUM ■ FRYXELL SYMPOSIUM IN HONOR OF DOLORES PIPERNO

(Sponsored by the Fryxell Award, SAA)

Room: BI 14

Time: 3:15 p.m.–5:00 p.m.

Chair: Matthew Sayre

Participants:

- 3:15 Dan Sandweiss—What the Shells Tell: Interdisciplinary Malocoarchaeology and Holocene Paleoclimate in Coastal Peru
- 3:30 Ashley Sharpe, Richard Cooke and Nicole Smith-Guzmán—How Advances in Archaeobotany Benefit Us All: Perspectives from Zooarchaeology, Bioarchaeology, and Isotope Research
- 3:45 Shanti Morell-Hart—Tubers, Grain, and Everything In Between: Mesoamerican Applications of Dolores Piperno's Research
- 4:00 Katherine Chiou, Araceli Aguilar-Meléndez, Christine Hastorf, Andrés Lira-Noriega and Emiliano Gallaga—Peppers and People in Mesoamerica: A Multidisciplinary Approach to Tracing the Origin and Domestication of Chiles (*Capsicum annuum* var. *annuum* L.)
- 4:15 Douglas Kennett and Jeffrey Ross-Ibarra—Maize Domestication and Dispersal in the Americas
- 4:30 Sadie Weber and Matthew Sayre—Follow the Llamero: The Movement of Plant Foodstuffs in the Andes
- 4:45 Tom Dillehay—Communal Before Domestic? Pre-ceramic Contexts of Exotic Food Adoption in North Peru

[224] SYMPOSIUM ■ IN FLUX: SETTLEMENT PATTERN STUDIES IN ARCHAEOLOGY PART II

Room: Ballroom 202

Time: 3:15 p.m.–5:00 p.m.

Chair: Matthew Brown

Participants:

- 3:15 Jason Sherman—A Regional Perspective on Archaic to Formative Settlement in the Sierra Blanca Region, New Mexico
- 3:30 Andrew Danielson, Debra Foran, Greg Braun, Stanley Klassen and Grant Ginson—Old Data, New Ideas: Analyzing Legacy Survey Data at Khirbat al-Mukhayyat, Jordan
- 3:45 Patrick Cruz—Settlement Clusters: A Different Way of Conceptualizing Community
- 4:00 Matthew Brown—Muyumoqo: Preliminary Results from a Late Formative (400 BCE–200 CE) Site in the Chitapampa Basin, Cusco, Peru
- 4:15 Edward Knell, Matthew Kirby, Jan Taylor and Albert Garcia—A Model

- and Test of Paleoindian Land Use at Pluvial Lake Mojave in California's Mojave Desert
- 4:30 William Ridge—Every Year Is Getting Shorter, Never Seem to Find the Time: Evidence for a Fourth-Millennium Gap in Southeastern Europe
- 4:45 Samantha Linford, Kelsey Reese and Danielle Huerta—Cavates and Roomblock Pueblos: A Reexamination of Site Types on the Pajarito Plateau

[225] SYMPOSIUM ■ SEEKING FREEDOM IN THE BORDERLANDS: ARCHAEOLOGICAL PERSPECTIVES ON MAROON SOCIETIES IN FLORIDA

Room: B118 & B119

Time: 3:45 p.m.–5:00 p.m.

Chairs: Dawn Lawrence and Jeffrey Shanks

Participants:

- 3:45 Mary Elizabeth Ibarrola and Lori Lee—Autonomous Landscapes at Fort Mose
- 4:00 Dawn Lawrence and Jeffrey Shanks—More Than a Footnote to History: Rediscovering the Maroon Community at Prospect Bluff
- 4:15 Jeffrey Shanks, Dawn Lawrence and Andrew McFeaters—Reconstructing “Negro Fort”: A Geophysical Investigation of the Citadel at Prospect Bluff (8FR64)
- 4:30 Uzi Baram—Maroon Ritual Belongings Excavated on Gulf Coast Florida
- 4:45 Jordan Davis—Mapping Marronage and Afro-Indigenous Relationality in Central Peninsular Florida

Saturday Evening ■ April 1, 2023

SOCIETY FOR ARCHAEOLOGICAL SCIENCES BUSINESS MEETING

Room: Columbia 4, Hyatt Regency

Time: 5:00 p.m.–7:00 p.m.

GET-TOGETHER FOR ARCHAEOLOGISTS OF EAST AND SOUTHEAST ASIA

Room: Columbia 3, Hyatt Regency

Time: 5:30 p.m.–7:00 p.m.

Sunday Morning ■ April 2, 2023**[226] SYMPOSIUM ■ BODY MODIFICATION: EXAMPLES AND EXPLANATIONS****Room:** Ballroom 203**Time:** 8:00 a.m.–9:30 a.m.**Chairs:** Brea McCauley, Franz Manni and Mark Collard**Participants:**

- 8:00 Franz Manni, Laurence Glémarec, Liliana Huet and Martin Friess—Body Modifications in the Collections of the Musée de l'Homme (Paris)
- 8:15 Michael Smetana, Christopher Lynn and Marco Samadelli—Medical Anthropology and Tattooing
- 8:30 Shauna Latosky and Pascale de Robert—To Wear, or Not to Wear: Symbolism and Technology of Lip-Plates in Mursi (Ethiopia) and Mebêngôkre (Brazil)
- 8:45 Paul King and Franz Manni—Resurrecting Piercing: Experimental Archaeology at a Global Scale
- 9:00 Brea McCauley and Mark Collard—Finger Amputation in the Ethnohistoric, Archaeological, and Folktale Records
- 9:15 Vibeke Viestad—Body Modifications among San Hunter-Gatherers: A Relational Practice and Subsistence Strategy

[227] SYMPOSIUM ■ EXAMINING VIOLENCE, WARFARE, AND COERCION THROUGH SPACE AND MATERIAL CULTURE PART II**Room:** C125 & C126**Time:** 8:00 a.m.–9:45 a.m.**Chair:** Ryan Harrod**Participants:**

- 8:00 Richard Sutter and Gabriel Prieto—Biodistance Comparisons for the Chimú-Era (AD 1000–1450) Child Sacrificial Remains from Pampa la Cruz, Huanchaco, North Coast of Peru: A Preliminary Report
- 8:15 Kathryn Baustian, Claira Ralston, Maryann Calleja and Debra Martin—Women as Actors in Systems of Violence: Their Roles and Identities in the Precolonial US Southwest
- 8:30 Nick Angeloff, Meagan McKinney, Hannah Vizcarra and Marisol Cortes-Rincon—Crnobuki: A Garrisoned Acropolis
- 8:45 Tiffany Fryer—Infrastructures of Race and War: Tracing Historic Roads in Postwar Quintana Roo
- 9:00 Ryan Harrod and Kathryn Baustian—To Fight or Not to Fight: Comparing Evidence of Violence on Human Skeletal Remains at Sites in and around Chaco Canyon and the Mimbres Region
- 9:15 Michael Seibert—War of Jenkins Ear: Battle of Gully Hole Creek
- 9:30 Emily Sharp and Amanda Wissler—Documenting Early Exposure to Violence and Physical Stress among Juveniles in the Late Prehispanic Andes

[228] SYMPOSIUM ■ TRACKING POPULATIONS, RESOURCES, AND KNOWLEDGE ACROSS SPACE AND TIME PART II

Room: Ballroom 204

Time: 8:00 a.m.–9:45 a.m.

Chair: Gizeh Rangel de Lázaro

Participants:

- 8:00 David Berikashvili—Royal Numismatic Hoard from Samshvilde (Political and Economic Aspect of the Medieval South Caucasus based on Archaeological Data)
- 8:15 Monette Bebow-Reinhard—Copper Trade Network from Canada to South America
- 8:30 Manda Adam, Iyaxel Cojti-Ren and Fred Valdez—The Social Transformation of the Terminal Classic Maya to Postclassic Maya in Northern Belize
- 8:45 Grace Ellis—Modeling Pan-Regional Interaction in Precolumbian Lowland Americas
- 9:00 Patrick Druggan—Hierarchical Bayesian Modeling of Early Maize in the Eastern Woodlands
- 9:15 Julie Hoggarth, Jaime Awe, Brendan Culleton, John Walden and Douglas Kennett—Dating Postclassic Maya Occupation in the Belize River Valley
- 9:30 Gizeh Rangel de Lázaro, Marcelo Sánchez-Villagra, Stacey Ward, Caitlin Raymond and Laura Wilson—A Study of the Temporal Sequence and Global Spatial Distribution of Cranial Modification

[229] SYMPOSIUM ■ EDUCATION, ETHICS, AND ENDLESS SHELVES: STUDIES IN ARCHAEOLOGICAL COLLECTIONS, CURATION, AND MUSEUMS PART II

Room: C122

Time: 8:00 a.m.–9:45 a.m.

Chair: Hunter Vaughan

Participants:

- 8:00 Aryn Schriener—Archaeology, History, and Accessibility with the Eckley Miners' Village Cell Phone Tour
- 8:15 Hunter Vaughan—The Environmental Costs and Benefits of Digitizing Archaeology
- 8:30 Jaye Smith and Jeffery Clark—Continued Work on the Ray Robinson Collection: Four Salado Sites in the Northern San Pedro Valley Region of Southeastern Arizona
- 8:45 Susannah Clinker—Unravelling Mummy Objectification: An Evaluation and Case Study of the History and Legacy of Mummymania
- 9:00 Allison Densmore—Justifying the Destruction: Ethical Data Access and Reuse

- 9:15 Katherine Dungan and Kathryn MacFarland—The Archaeology of Collections: A History of Practice and Policy in Arizona State Museum Archaeological Collections
- 9:30 Elizabeth Lynch, Mary Lou Larson and Marcel Kornfeld—Digitizing the Collections from the Hell Gap National Historic Landmark Excavations 1960 to Present

[230] SYMPOSIUM ■ IMBUING MEANING: SACRED LANDSCAPES AND SITES

Room: C123

Time: 8:00 a.m.–9:45 a.m.

Chair: William Walker

Participants:

- 8:00 William Walker and Judy Berryman—Regional Comparison of Ritual Closure in American Southwest
- 8:15 Christian Mesia-Montenegro and Angel Sanchez-Borjas—Embedded Religiousness and the Kotosh Religious Tradition in the Peruvian Highlands: La Seductora
- 8:30 Scott Van Keuren and William Graves—Ancient Ceremonial Landscapes in Northern Arizona
- 8:45 Mitchell Allen, William Trousdale and Ghulam Rahman Amiri—The Thousand-Year Shrine: Ancient Roots of a Modern Holy Place in Afghanistan's Desert
- 9:00 Maxwell Forton—Salient Spaces in the Painted Desert: A Comparative Ceramic Study of the Lacey Point Petroglyph Site
- 9:15 Ellen Hoobler—Zapotec Funerary Rites as Documented by Alfonso Caso: Mining Archival Materials to Understand Ancient Ritual Behavior at Monte Albán
- 9:30 Robert Weiner—Ritual Movement on Chacoan Roads: Insights from Recent Fieldwork, Ethnography, and Cross-Cultural Comparison

[231] FORUM ■ HOW DOES THE NEW FEDERAL AUTHORITY FOR DISPOSAL OF CERTAIN ARCHAEOLOGICAL MATERIAL REMAINS WORK AND HOW WILL IT AFFECT COLLECTIONS MANAGEMENT?

(Sponsored by the Committee on Museums, Collections and Curation)

Room: Ballroom 201

Time: 8:00 a.m.–10:00 a.m.

Moderators: S. Terry Childs and Karen Mudar

Participants:

- Karen Mudar—Discussant
- S. Terry Childs—Discussant
- Bridget Ambler—Discussant
- Glenna Nielsen-Grimm—Discussant
- Jasmine Heckman—Discussant
- Angela Neller—Discussant

Eugene Marino—Discussant
 Kathryn MacFarland—Discussant

**[232] SYMPOSIUM ■ EXPERIENTIAL LEARNING, EXPERIMENTAL
 ARCHAEOLOGIES**

Room: Ballroom 202

Time: 8:00 a.m.–10:00 a.m.

Chair: Cheng Liu

Participants:

- 8:00 Samantha Nadel—A Reconstructed *Chaîne Opératoire* for Mesoamerican Cochineal
- 8:15 Nolan Ferar, Claudio Tennie, Mark Moore, Alexandros Karakostis and Elena Moos—Spontaneous Ability to Impose Form by Knapping-Naïve Humans
- 8:30 Cheng Liu, Nada Khreisheh, Dietrich Stout and Justin Pargeter—Detecting Skill Level and Mental Templates in Late Acheulean Biface Morphology: Archaeological and Experimental Insights
- 8:45 Kathryn Frederick—Now and Later: Defining Reliant and Redundant Food Storage Strategies Utilized by Hunter-Gatherers
- 9:00 Katherine Sterner and Robert Ahlrichs—Production, Use, and Microwear Analysis of Experimental Quartz Tools
- 9:15 Devin Pettigrew—Treating Problems of Target Nonscalability in Archaeological Projectile Experiments
- 9:30 Alexandra Greenwald, Mary Weahkee, Hayley Kievman, Andrew Merryweather and Jamie Herridge—Ancestral Puebloan Running and Walking Biomechanics
- 9:45 Güner Coskunsu, Maria Rosa Iovino and Arzu Karahan—Contributions of Experimental Archaeology and Use-Wear Analysis to the Study of Limpets (*Patella* sp.)

**[233] SYMPOSIUM ■ POLITICAL GEOLOGIES IN THE ANCIENT AND RECENT
 PASTS: ONTOLOGY, KNOWLEDGE, AND AFFECT**

Room: B115

Time: 8:00 a.m.–10:30 a.m.

Chairs: M. Elizabeth Grávalos and Andrew Roddick

Participants:

- 8:00 Andrew Roddick and M. Elizabeth Grávalos—Political Geologies Past and Present: An Introduction
- 8:15 M. Elizabeth Grávalos—Kaolin as the Stuff of Politics among Recuay Communities? Applying Political Geology to Ancient Andean Ceramics
- 8:30 Bethany Whitlock—High-Altitude Andean Wetlands: Classificatory Systems, Nomenclature, and Functional Implications
- 8:45 Kelsey Hanson—Affectual Ecosystems of Color: Pigments and the Co-creation of Power in the Chaco World

- 9:00 Colin Grier—Binaries, Landforms, and Clam Gardens on the Northwest Coast of North America
- 9:15 Rebecca Cannell and Lars Gustavsen—The Past and Present Social Role of Viking Age Mounds
- 9:30 Amanda Gaggioli—The Anthropogenic and Geogenic Coproduction of Seismically Triggered Soft Sediment Deformation Structures (SSDS) in Helike, Greece
- 9:45 Andrew Bauer—The Politics of Soils on the Medieval Deccan, Southern India
- 10:00 Francois Richard—Discussant
- 10:15 Questions and Answers

[234] SYMPOSIUM ■ AT THE INTERSECTIONS OF COMMUNITY, REGULATION, AND DEVELOPMENT: CONVERSATIONS IN HISTORIC PRESERVATION AND MANAGEMENT PART IV

Room: A105

Time: 8:00 a.m.–10:30 a.m.

Chair: William Marquardt

Participants:

- 8:00 Ryan Rybka—Unearthing a Pipeline: An Archaeological Investigation into Line 3 in Northern Minnesota
- 8:15 Savanna Agardy—Interpreting Spotten Cave, a Mid-Archaic to Ethnohistoric Rockshelter Site, to Utah's Public
- 8:30 Marley Brown—Advocacy for Archaeology: How Does a 35-Year Effort End Up in Failure and What to Do about It?
- 8:45 William Marquardt, Meghan Caves, Autumn Myerscough and Tim Lewis—Developing More Holistic Approaches to Cultural Resource Inventories: Results from a Salvage Survey on the Umatilla National Forest, Southeast Washington
- 9:00 Andrew Wyatt and Clelie Cottle Peacock—Uncovering Nashville's African-American Heritage: The Bass Street Community Archaeology Project
- 9:15 Loa Traxler, William Fash, Ricardo Agurcia Fasquelle, Amy Thompson and Chris Ploetz—Documenting Archaeological Tunnels within the Copan Acropolis: Advances in Architectural and Geospatial Recording for Conservation
- 9:30 Mario Battaglia—Successes and Challenges of Documenting Traditional Cultural Properties/Places
- 9:45 Christina Giovas, Claudia Kraan and Amy Victorina—The CCitRes Initiative: Using Citizen Science and Public Archaeology to Build Heritage Management Capacity in Curaçao
- 10:00 Kaitlyn Hosken and Travis Shinabarger—Cultural Resources Investigations of Yusdishlaq', a Historic Dena'ina Village on Alaska's Lower Susitna River
- 10:15 Paola Valentin Irizarry—Archaeology in Puerto Rico from 1960 to 1988: A Transition from Amateur to Regulated Archaeology

[235] SYMPOSIUM ■ ARCHAEOLOGICAL STUDIES OF HUMAN-ENVIRONMENT RELATIONSHIPS PART IV

Room: C120 & C121

Time: 8:00 a.m.–10:30 a.m.

Chair: Fatemeh Ghaheri

Participants:

- 8:00 Natalie Sanford—Ecological Succession of the Laurentide Ice Sheet: A Study of Human Colonization Lag in the Late Pleistocene and Early Holocene Radiocarbon Record
- 8:15 Christopher Morgan—High-Altitude Settlement as Evolutionary Process in Mid-Latitude North and South America
- 8:30 Anthony DeLuca—Water, Water, Everywhere, but You Need to Walk to Get a Drink: The Relationship between Water Sources and Teuchitlán Culture Sites in the Tequila Valleys of Jalisco, Mexico
- 8:45 Fatemeh Ghaheri—Food, Agricultural, and Environmental Risk Management during the Holocene in Mesopotamia
- 9:00 Alejandra Vidal-Elgueta and Francisca Santana-Sagredo—From Cattails to Maize: An Archaeobotanical Discussion on the Relationship between Human Groups and Plants during the Archaic and Formative Period (ca. 4000–2000 BP) in the Atacama Desert
- 9:15 Gabriela Prestes Carneiro, Roberta Sá Leitão-Barboza, Myrian Sá Leitão-Barboza and Claide de Paula Moraes—Waterscapes Domestication: Ponds, Fish Weirs, and Evidence of Managed Aquatic Environments in Amazonia
- 9:30 Mark Golitko, Mirko Uy and Melissa Berke—Preliminary Chemical Fossil Assessment of Mid to Late Holocene Environment and Human-Forest Dynamics on the North Coast of New Guinea
- 9:45 John Blong, Helen Whelton, Dennis Jenkins, Ian Bull and Lisa-Marie Shillito—Human Adaptation to Middle Holocene Aridity in the Northwestern Great Basin: Coprolites and Season of Occupation at the Paisley Caves, Oregon
- 10:00 Juan Jarquin—Life on the Edge: Late Holocene Hunter-Gatherers on the Abert Rim
- 10:15 Lorenzo Castellano—Agriculture in the “Land of Hatti”: The Politics and Ecology of Farming in Late Bronze Age Central Anatolia

[236] SYMPOSIUM ■ LA CUERNAVILLA, GUATEMALA: A MAYA FORTRESS AND ITS ENVIRONS

Room: A103 & A104

Time: 8:00 a.m.–11:00 a.m.

Chair: Thomas Garrison

Participants:

- 8:00 Thomas Garrison and Stephen Houston—La Cuernavilla, Guatemala: A Fortress and Its Environs

- 8:15 Timothy Beach, Byron Smith and Sheryl Luzzadder-Beach—Paleoecology and Geoarchaeology of the Buenavista Valley, Petén, Guatemala
- 8:30 Morgan Clark, Sheryl Luzzadder-Beach and Byron Smith—Water for the Keep: Hydrological Flow and Accumulation
- 8:45 Yesenia Landa, Sheryl Luzzadder-Beach, Thomas Garrison, Timothy Beach and Byron Smith—Feeding a Citadel: Subsistence Practices
- 9:00 J. Dennis Baldwin, Thomas Garrison and Rafael Cambranes—A Subjugated Land: Regional Settlement Growth and Consolidation
- 9:15 Edwin Roman-Ramirez—The Time the Tikal State Emerged
- 9:30 Questions and Answers
- 9:45 Fernando Véliz Corado—The Best Offense Is a Good Defense: Monumental Defensive Works at La Cuernavilla
- 10:00 Alma Marroquín and Anna Bishop—Managing a Tikal Outpost: The Palace and Associated Architecture
- 10:15 Joshua Kwoka—Lithic Debitage, Thermal Damage, and Other Signs of Conflict
- 10:30 Sheryl Luzzadder-Beach—Discussant
- 10:45 Stephen Houston—Discussant

[237] SYMPOSIUM ■ FINDING COMMUNITY IN THE PAST AND PRESENT THROUGH THE 2022 PARCC FIELD SCHOOL AT BUEN SUCESO, ECUADOR

Room: A106

Time: 8:00 a.m.–11:00 a.m.

Chairs: Sara Juengst, Sarah Rowe and Guy Duke

Participants:

- 8:00 Guy Duke, Sarah Rowe and Sara Juengst—Anarchy in the Trenches: Perspectives on Buen Suceso
- 8:15 Jean-Paul Rojas, Benjamin Ramirez and Mozelle Bowers—The Environment and Landscape at Buen Suceso, Ecuador
- 8:30 Sarah Rowe, Camila Jara, Kepler Dimas and Zindy Cruz—Ritual and Productive Activities in the Mound-Top Structure at Buen Suceso
- 8:45 Cristian Figueroa, Jean-Paul Rojas, Zindy Cruz and Guy Duke—Social and Physical Landscape Changes at Buen Suceso
- 9:00 Jorge Alanis, Benjamin Ramirez, Kepler Dimas, Camila Jara and Guy Duke—Drilling inside the Structure Atop the Mound: A Potential Lapidary Workshop at Buen Suceso
- 9:15 Mozelle Bowers and Sara Juengst—Children at the Heart of Buen Suceso
- 9:30 Mara Stumpf, Sara Juengst, Mozelle Bowers and Zindy Cruz—Remembering Valdivia through a Unique Manteño Burial at Buen Suceso
- 9:45 Zindy Cruz, Kepler Dimas, Mara Stumpf, Mozelle Bowers and Sara Juengst—Lived Experiences of Disease and Trauma among Manteño Burials from Buen Suceso

- 10:00 Jonathan Gutierrez, Jean-Paul Rojas, Cristian Figueroa, Ana Maria Morales and Angie Farfan Garcia—Heritage Conversations with Dos Mangas
- 10:15 Catherine Hernandez—Duendes, Fantasmas y Encantamientos: How Dos Mangas Connects to Archaeological Heritage through Folktales
- 10:30 Benjamin Ramirez—Discussant
- 10:45 Questions and Answers

[238] SYMPOSIUM ■ A CELEBRATION AND CRITICAL ASSESSMENT OF “THE MAYA SCRIBE AND HIS WORLD” ON ITS FIFTIETH ANNIVERSARY

Room: A108 & A109

Time: 8:00 a.m.–11:15 a.m.

Chairs: Jeremy Coltman and Oswaldo Chinchilla

Participants:

- 8:00 Caitlin Earley—Media and Meaning in “The Maya Scribe and His World”
- 8:15 Oswaldo Chinchilla—Xibalba in Technicolor: The Popol Wuj and the Interpretation of Ancient Maya Art
- 8:30 Jocelyne Ponce, Marcello Canuto and Tomas Barrientos—Looting Enigmas and Contextual Narratives at La Corona
- 8:45 Jose Raul Ortiz and Francisco Saravia—Chamá Vessels Revisited: Advances and Questions on a Northern Maya Highland Painting Style
- 9:00 James Doyle—A Time before Color: Revisiting the Codex Style
- 9:15 Ana García Barrios—De la mano de Michael Coe a las manos de los artistas estilo códice: Cincuenta años de estudios
- 9:30 Anna Brandeberry—When, Where, and Why: Wielding the Wahy Over Time at El Zotz
- 9:45 Mallory Matsumoto—Emplacing a Classic Maya Ritual: Locating Deity Impersonation through Space and Time
- 10:00 Dorie Reents-Budet and Ronald Bishop—Between a Rock and a Hard Spot: Museum Collections and Mesoamerican Archaeology
- 10:15 Joanne Baron, Frauke Sachse and Daniel Boomhower—Understanding the World of the Scribe: Challenges and Opportunities of Cataloguing the Kerr Photographic Collection of Maya Art at Dumbarton Oaks
- 10:30 Mary Miller—The Grolier Codex and the Early 1960s
- 10:45 Jeremy Coltman and Andrew Turner—Michael D. Coe and the Códice Maya de México (Grolier) Controversy
- 11:00 David Stuart—Discussant

[239] SYMPOSIUM ■ FIRE-CRACKED ROCK: RESEARCH IN COOKING AND NONCOOKING CONTEXTS

Room: B111

Time: 8:00 a.m.–11:15 a.m.

Chair: Fernanda Neubauer

Participants:

- 8:00 Fernanda Neubauer—The Research Potential of Fire-Cracked Rock in Cooking and Noncooking Contexts
- 8:15 João Cascalheira, Joana Belmiro, Lino André, Roxane Matias and Célia Gonçalves—Fire-Cracked Rock in the Mesolithic Shell Midden of Cabeço da Amoreira (Muge, Central Portugal)
- 8:30 Kate Shantry—White Hot Polymorphs of Quartz Minerals in Archaeological and Experimental Heating Contexts
- 8:45 Fabiola Sanchez—Fire-Cracked Rock: Domestic Life and Subsistence Practice, a Case Study in Coast Salish Territory
- 9:00 Randall Schalk—Experimental Approaches to Understanding Variability in Fire-Modified Rock Fracture Patterns
- 9:15 Richard Stark, Alondra Flores and Fernando Gonzalez—Zapotitlan Earth Ovens and Their Middens: Ethnoarchaeology in Colima, Mexico
- 9:30 Lara Homsey-Messer, Kristina Gaugler and Kevin Gubbels—An Experimental and Ethnographic Approach to the Analysis of Fire-Cracked Rock at Three Monongahela Sites in Southwestern PA: The Case for a Middle Monongahela Stone Boiling Technology
- 9:45 Russell Cutts—Broken and Crazed: Quantifying FCR Beyond the Descriptive
- 10:00 Victoria Ingalls and Rachel Feit—Preliminary Data and Experimental Studies of Fire-Cracked Rock from Two Archaic Period Sites in North-Central Texas
- 10:15 Shelby Jones, Eric Blinman, Jon Lohse and J. Royce Cox—Archaeomagnetic Directional Studies as a Tool for Understanding Feature Form and Function: A Case Study of Two Burned Rock Features in a Multicomponent Site in East Texas, USA
- 10:30 Stance Hurst, Doug Cunningham, Eileen Johnson, Glenn Fernández-Céspedes and Markus Crawford—A Look at the Impact of Natural Grassland Fires on the Archaeological Record along the Eastern Escarpment of the Southern High Plains of Texas
- 10:45 Anastasia Steffen—Obsidian Fracture Resulting from Forest Fire Exposure
- 11:00 Laura Short—Discussant

[240] SYMPOSIUM ■ THE LATE MIDDLE PALEOLITHIC IN THE WESTERN BALKANS: RESULTS FROM RECENT EXCAVATIONS AT CRVENA STIJENA, MONTENEGRO

Room: B116

Time: 8:00 a.m.–11:15 a.m.

Chair: Gilbert Tostevin

Participants:

- 8:00 Gilbert Tostevin—Discussant
- 8:15 Nikola Borovinic and Mile Bakovic—History of Research at Crvena Stijena, Montenegro, 1954–2016

- 8:30 Goran Pajovic, Gilbert Tostevin, Samantha Porter, Nikola Borovinic and J. Anne Melton—Integrating Research Methods with Local Regulations: Designing the Excavation and Proveniencing System for the Middle Paleolithic Excavations at Crvena Stijena, Montenegro
- 8:45 Carolina Mallol, Margarita Jambriña-Enriquez, Gilliane Monnier, Gilbert Tostevin and Goran Pajovic—Clues about Neanderthal Fire Technology and Climate from a Microstratigraphic Study of Unit XXIV at Crvena Stijena, Montenegro
- 9:00 Samantha Porter, Gilbert Tostevin, Goran Pajovic, Nikola Borovinic and J. Anne Melton—Photogrammetry, Excavation Surfaces, and Sediment Packages: Measuring Site Occupational Intensity at Crvena Stijena, Montenegro
- 9:15 Eugene Morin, Gilbert Tostevin, Gilliane Monnier and Michael Buckley—New Insights on Neanderthal Subsistence Strategies in Central Europe Using Faunal and ZooMS Analyses at Crvena Stijena
- 9:30 Yige Bao, Matthew Collins, Eugene Morin, Marta Alegre and Gilliane Monnier—Using ZooMS to Reconstruct Neanderthal Faunal Exploitation in the Early Sequence of Crvena Stijena, Montenegro
- 9:45 Aleksandra Savkovic, Katarina Bogicevic and Dragana Djuric—Avifaunal Remains from Crvena Stijena (Petrovići, Montenegro, Eastern Europe)
- 10:00 Vasilije Marojevic, Zoran Kilibarda, Gilbert Tostevin and Alec Siurek—A Preliminary Overview of the Lithic Raw Material Outcrops Southeast of Crvena Stijena (Area of Vilusi–Grahovo–Boka Kotorska), Montenegro
- 10:15 Aspen Cooper, Gilliane Monnier, Goran Pajovic and Gilbert Tostevin—Micromorphological Investigations of Site Formation History between Layers XVII and XVIII at Middle Paleolithic Rockshelter Crvena Stijena, Montenegro
- 10:30 Gilliane Monnier, Gilbert Tostevin, Goran Pajovic, Mile Bakovic and Nikola Borovinic—Synthesizing Results from the 2017–2022 Excavations at Crvena Stijena
- 10:45 Mihailo Jovanovic, Katarina Bogicevic, Dragana Đuric, Draženko Nenadic and Hugues-Alexandre Blain—Paleoenvironmental and Paleoclimatic Reconstruction of the Crvena Stijena Site (Montenegro, South Europe)
- 11:00 Questions and Answers

[241] SYMPOSIUM ■ INTERDISCIPLINARY APPROACHES TO ROCK ART DOCUMENTATION, RESEARCH, AND ANALYSIS

(Sponsored by the Rock Art Interest Group)

Room: B112

Time: 8:00 a.m.–11:15 a.m.

Chair: Amanda Castañeda

Participants:

- 8:00 Steven James—Hawaiian Petroglyphs and Pictographs: Patterns and Interpretations from Hawai'i, Maui, Moloka'i, O'ahu, and Kaua'i

- 8:15 David Whitley—The Many Meanings and Uses of Tomo-Kahni Rock Art
- 8:30 Charlotte Vendome-Gardner and Stephanie Pratt—Landscape-Based Approaches and Cross-Cultural Exchange: Working toward an Inclusive Model of Study in Fluteplayer Rock Art Research
- 8:45 Kylie Gambrell and Andrew Womack—New Research into Environmental Contexts of Southeastern Rock Imageries
- 9:00 Jordan Schaefer, Stephen Alvarez, Alan Cressler and Jan Simek—Object-Based Image Analysis for Classifying Precontact Native American Mud Glyphs by Production Technique
- 9:15 Emily Beahm and Angela Gore—Ozark Imagery: Documenting Rock Art in the Arkansas Highlands
- 9:30 Amanda Castañeda, Charles Koenig, Larry Loendorf and Julie Francis—Recent Documentation Efforts at Greybull South, Wyoming
- 9:45 Mavis Greer and John Greer—The Buffalo Creek Site: Animal and Human Rock Art Diversity in Northern Wyoming
- 10:00 Emily Van Alst—Elk Hooves and Sharpening Grooves: Evaluating the Relationship between Three Rock Art Types on the Great Plains
- 10:15 Andrzej Rozwadowski—Shamanic Images in Rock Art in Siberia: Global Theory and Regional Peculiarities
- 10:30 Steven Rosen, Lior Schwimer, Roy Galili, Naomi Porat and Nadel Dani—A Rock Art Depiction of a Desert Kite Hunting Drive Trap
- 10:45 Beatriz Menéndez Iglesias, Pavel Ulianov Martínez-Pabello, Guillermo Acosta-Ochoa, Sergey Sedov and Patricia Pérez-Martínez—Rock Art in Northern Sonora between Stones and Pigments: Preliminary Archaeometric Analysis
- 11:00 Jerod Roberts—Assessing the Variability and Chronology of Red Linear Style Pictographs of the Lower Pecos Canyonlands of Texas: Final Results

[242] SYMPOSIUM ■ THE VIBRANCY OF RUINS: RUINATION STUDIES IN ANCIENT MESOAMERICA

Room: B114

Time: 8:00 a.m.–11:30 a.m.

Chairs: Roberto Rosado-Ramirez and Arthur Joyce

Participants:

- 8:00 Roberto Rosado-Ramirez and Arthur Joyce—Introducing the Vibrancy of Ruins in Ancient Mesoamerica
- 8:15 Arthur Joyce—The Power of Monuments in Ruin in Prehispanic Oaxaca
- 8:30 Elizabeth Konwest and Marijke Stoll—Ruins in the Daily Life of San Antonio La Baeza from the Prehispanic Past to the Modern Day
- 8:45 Stacie King, Elizabeth Konwest and Marijke Stoll—Ancestors and the Power of Ruins in Nejapa and Tavela, Oaxaca
- 9:00 Jeffrey Blomster and Cuauhtémoc Vidal Guzmán—Persistence in Ruins: Animation, Remembrance, and Rupture at Etlatongo, Oaxaca

- 9:15 Jamie Forde—Going Up, Coming Down: Ruins, Verticality, and Time in the Postclassic Mixteca
- 9:30 Shannon Dawdy—Discussant
- 9:45 Questions and Answers
- 10:00 Olivia Navarro-Farr, Rachel Horowitz and Keith Eppich—Memory, Pilgrimage, and Social Life in an Ancient Maya City: Waka's City Temple as a Compendium of Political History
- 10:15 Nicholas Puente and Sarah Kurnick—Bundled Time: An Analysis of an Intrasite Sac-Be Assemblage at Punta Laguna, Yucatan, Mexico
- 10:30 David Mixter—Creating Ruins, Creating Heritage at Actuncan, Belize
- 10:45 Christina Halperin—Ancient and Contemporary Maya Ruins as Living Landscapes
- 11:00 Josuhé Lozada, Joel Palka and Alice Balsanelli—Agency and Pilgrimage in a Living Landscape: Contemporary Lacandon Maya Visits to Ancient Ruins
- 11:15 Oliver Harris—Discussant

**[243] SYMPOSIUM ■ HOUSEHOLDS AT AVENTURA: LIFE AND COMMUNITY
LONGEVITY AT AN ANCIENT MAYA CITY**

Room: B118 & B119

Time: 8:00 a.m.–12:00 p.m.

Chair: Cynthia Robin

Participants:

- 8:00 Cynthia Robin—Aventura: An Introduction
- 8:15 Kat Fitzgerald, Kacey Grauer, Zachary Nissen and Cynthia Robin—A Human Geography of Aventura: Lidar and Settlement Survey
- 8:30 Hannah Hoover, Maria Cunningham, Erin Niles and Cynthia Robin—Aventura's Households from Commoners to Elites
- 8:45 Zachary Nissen—Urban Commoner Households: (In)Equality and Daily Life at Aventura
- 9:00 Gabriela Dziki and Martin Menz—An Elite Household in the Late to Terminal Classic Periods at Aventura
- 9:15 Kacey Grauer—Aventura's Watery Landscape: Communities of People, Water, Houses, and Ancestors
- 9:30 Eponine Wong, Kacey Grauer, Zachary Nissen and Debra Walker—Reconfiguring Communities in the Postclassic at Aventura
- 9:45 Questions and Answers
- 10:00 Debra Walker—Household Pottery from Aventura, Belize
- 10:15 Lucas Martindale Johnson—Preliminary Analysis of Flaked and Ground Stone from Aventura, Belize
- 10:30 Natalie Detwiler and David Lentz—Analysis of Plant Remains from Aventura, an Ancient Maya Site in Northern Belize
- 10:45 Emily Kinney and Erin Kennedy Thornton—Zooarchaeological Explorations at Aventura, Belize

- 11:00 Anna Moles—Health, Mobility, and Burial Practices: Lifeways and Deathways at Aventura, Belize
- 11:15 Sylvia Batty, Josue Ramos, Antonio Beardall, Debra Wilkes Gray and Cynthia Robin—Community and Collaboration at Aventura
- 11:30 Payson Sheets—Discussant
- 11:45 Lisa Lucero—Discussant

[244] SYMPOSIUM ■ FROM THE ALTAI TO THE ARCTIC: NEW RESULTS AND NEW DIRECTIONS IN THE ARCHAEOLOGY OF NORTH AND INNER ASIA

Room: A107

Time: 8:00 a.m.–12:00 p.m.

Chair: Alexander Kim

Participants:

- 8:00 Joshua Wright, William Honeychurch, Chunag Amartuvshin and Sarah Pleuger—The Delgerkhaan uul Survey: Preliminary Results
- 8:15 Lisa Janz—Identifying Animal Management Strategies in Pre-domestication Contexts
- 8:30 Katherine Brunson, Kelsey Witt, Sloan Williams, Susan Monge and Lisa Janz—Ancient Mongolian Aurochs Genomes Reveal Connections to East Asian Cattle
- 8:45 Erin Gamble—Precolonial Hokkaido and East Asian Trade: Exchange and Identity Formation of the Okhotsk Culture
- 9:00 Asa Cameron—Laying Down with Dogs: The Role of *Canis familiaris* in Mongolia and Transbaikal during the Xiongnu Period
- 9:15 Kristen Pearson—Following the Felt: Object Trajectories and Gendered Social Networks in Contemporary Western Mongolia
- 9:30 Emily Eklund—Monuments in Bronze Age Mongolian Kinscapes
- 9:45 William Fitzhugh—Deer Stones and the Bronze to Iron Age Transition in Mongolia
- 10:00 Michael Frachetti—Discussant
- 10:15 Tekla Schmaus, Bryan Hanks, David Reich, Margaret Judd and Andrei Epimakhov—Examining Bronze Age Kinship and Community Patterning in the Southern Urals, Russian Federation, through aDNA Study
- 10:30 Rasmus Bjørn—Bronze Age Transitions in Their Own Words: Central Asian Interfaces
- 10:45 Christina Carolus—Sowing the Seeds of Empire: New Insights into Xiongnu Agriculture and Agronomy
- 11:00 Owen Mason—Metallurgy, Shamanism, and Ideographic Currency in Bering Strait: Scythian Descent?
- 11:15 Bryan Miller and Jamsranjav Bayarsaikhan—Imperial Impact: Population Dynamics and Political Landscapes of Inner Asia under the First Steppe Empire

- 11:30 William Taylor, Isaac Hart, Jamsranjav Bayarsaikhan, Tumurbaatar
Tuvshinjargal and Nicholas Jarman—Melting Ice, High-Altitude Hunting,
and Horse Use in the Mongolian Altai
- 11:45 Alexander Kim—Discussant

[245] SYMPOSIUM ■ DOGS IN THE ARCHAEOLOGICAL RECORD

Room: B117

Time: 8:30 a.m.–11:00 a.m.

Chair: Angela Perri

Participants:

- 8:30 Abigail Fisher and Kelsey Witt—Dog Diet Reconstruction as a Tool to
Assess Forager Response to Introduction of Agriculture in the Northern
Plains: Stable Isotope Analysis and Ancient DNA Data
- 8:45 Amanda Burt and Larisa DeSantis—A Multi-method Investigation of the
Diets of Dogs from the Angel Site
- 9:00 Justin Cramb and Carla Hadden—Of Islands and Dogs: Ethnohistoric and
Isotopic Pathways toward Understanding Past Dog Diet in Tropical
Oceania
- 9:15 Victoria Monagle—The Archaeological Dogs of New Mexico
- 9:30 Martin Welker, Edward Jolie, Sandra Koch and Amanda Semanko—Fiber
Analysis of Dog Hair Textiles from the Prehispanic Southwest: Inferences
Bearing on Yarn Production and Dog Breed Maintenance
- 9:45 Weronika Tomczyk and Claire Ebert—The Many Lives of Wari Dogs: A
Summary of Zooarchaeological and Isotopic Research
- 10:00 Katie Dierks, Dylan Hillis, Denis St. Claire and Iain McKechnie—
Osteobiography of an Ancient “Woolly” Dog from Tshesht Territory on
Western Vancouver Island, British Columbia, Canada
- 10:15 Audrey Lin, Liz Hammond-Kaarremaa, Christina Stantis, Hsiao-Lei Liu
and Logan Kistler—“Mutton” and the Paleogenomics of Coast Salish
Woolly Dogs
- 10:30 Angela Perri—Dog Domestication and the Dual Dispersal of People and
Dogs into the Americas
- 10:45 Questions and Answers

[246] SYMPOSIUM ■ CORDAGE, YARN, AND ASSOCIATED PARAPHERNALIA

(Sponsored by the Fiber / Perishables Interest Group)

Room: C124

Time: 8:30 a.m.–11:15 a.m.

Chairs: Ann Peters and Billie Follensbee

Participants:

- 8:30 Melody Pope—Functional Riddles, Chipped Stone Technologies, and
Fiber Processing in the Late Sixth and Fifth Millennium BCE in
Turkmenistan and Northwestern Europe
- 8:45 Anne Lawlor—Plant Fiber and Foraging Tools in the Eastern Great Basin

- 9:00 Tim Riley—Twisting through Time: Fremont Cordage and Modern Attempts at Replication
- 9:15 Phil Geib and Laurie Webster—Weaving Ancestors into Everyday Objects: Basketmaker II Use of Human Hair
- 9:30 Elizabeth Kallenbach—Fiber Plants of the Northern Great Basin: New Radiocarbon Dates and Plant Identifications for Textiles from Paisley Caves, Oregon
- 9:45 Questions and Answers
- 10:00 Dale Croes—Household Cordage in the Ancient Ozette Longhouses, a Mudslide-Covered Village on Northwest Coast of North America
- 10:15 Billie Follensbee—Function Follows Form, Part II: Experimental Archaeology with Formative Period Mesoamerican Greenstone Tagelus Shell Facsimiles as Textile Tools
- 10:30 Sharisse McCafferty and Geoffrey McCafferty—Weaving the Cosmic House: Chibchan Myth and Nicaraguan Spindle Whorls
- 10:45 Ann Peters—The Body, the Regalia, the Weapons, and the Mortuary Bundle: Forms, Materials, and Uses of Cordage at the Paracas Site
- 11:00 Jeffrey Splitstoser and Jon Clindaniel—Making Khipu Cords

[247] SYMPOSIUM ■ ADVANCES IN PUEBLA/TLAXCALA ARCHAEOLOGY

Room: B113

Time: 9:00 a.m.–11:00 a.m.

Chair: Geoffrey McCafferty

Participants:

- 9:00 Lisa Overholtzer—Toward an Archaeology of Indigenous Conquerors: Household Ritual Life at Tepeticpac, Tlaxcala
- 9:15 Katrina Kosyk—Music and Sound Practices in the Puebla-Tlaxcala Valley
- 9:30 Marc Marino, Wesley Stoner and Lane Fargher—Reducing Collective Action Problems among Larger-Scale Societies: Building Trust, Assurance, and Cooperation at Late Postclassic Tlaxcallan, Mexico
- 9:45 Gabriela Montero—On Urban Development and Cultural Heritage: A Perspective from Cholula, Puebla
- 10:00 Geoffrey McCafferty—Exploring the Roots of Cerro Acozac: New Investigations in Cholula's Ceremonial Center
- 10:15 Alondra Trejo Ordoz and Oswaldo Camarillo Sánchez—Los señores de la Casa del Mendrugo, Puebla: Tras los pasos de su vida a partir de los dientes
- 10:30 Jeanne Gillespie—Saints as Warriors: Tlaxcalteca and Cholulteca “Smack Talk” during the Siege of Cholula
- 10:45 Lisa Overholtzer—Discussant

[248] SYMPOSIUM ■ APPROACHES TO ARCHAEOLOGICAL FOOTWEAR

Room: C122

Time: 10:00 a.m.–12:00 p.m.

Chairs: Edward Jolie and Benjamin Bellorado

Participants:

- 10:00 Edward Jolie and Benjamin Bellorado—Pathways to the Archaeology of Footwear
- 10:15 Cassandra Boyer, Briana New, Arielle Pastore, Jenevieve Walbrecker and G. Richard Scott—Anatomical Characteristics of the Pedal Skeleton Provide Insights into the History of Human Footwear
- 10:30 Matthew Bennett, Sally Reynolds and Sarah Maryon—The Ichnological Record of Footwear: Some Thoughts and Experiments
- 10:45 Marion Coe and Edward Jolie—The Absence (or Presence) of Footwear during the Eastern Great Basin Archaic
- 11:00 Kevin Gilmore and John Ives—Walking the Footwear Landscape on the Western Plains Margin: The Implications of 3,500 Years of Footwear from Franktown Cave, Colorado
- 11:15 Benjamin Bellorado, Kelley Hays-Gilpin and Laurie Webster—Fashions and Fabrications of the Fanciest Footwear: Two Millennia of Stability and Change in Twined Sandal Use in the US Southwest
- 11:30 Mary Weahkee, Edward Jolie and Benjamin Bellorado—Reintroduction of Ancient Archaeological Footwear Back into the Modern Pueblo World
- 11:45 Questions and Answers

**[249] SYMPOSIUM ■ FROM THE MONUMENTAL TO THE MINUTE:
ARCHITECTURE AND THE BUILT ENVIRONMENT PART II**

Room: C123

Time: 10:00 a.m.–12:00 p.m.

Chair: A. Dudley Gardner

Participants:

- 10:00 A. Dudley Gardner—Excavation and Restoration of a Fremont Granary in Northwest Colorado
- 10:15 Aldo Noriega—Quichunque: Un santuario inca de altura en la sierra norte de Lima
- 10:30 Samuel Jensen—A Reevaluation of Viejo Period Architecture and Construction in the Casas Grandes Region
- 10:45 Richard Wood, Christine Wittich, Luis Tuarez, Heather Richards-Rissetto and Melvin Elisandro Garza Roldan—Documenting Archaeological Tunnels within the Copan Acropolis, Part 2: Geospatial Data and Structural Modeling of Temple 16
- 11:00 Joey Case and Terry Powis—A Technological Analysis of Daub from a Middle Mississippian Period Site in Bartow County, Georgia
- 11:15 Yuko Kanazaki, Carlos Viviano, Otani Hironori, Yune Sato and Jose Onofre—New Evidence of Andean-Amazonian Interaction in the Early Horizon: Excavations at the Chaupiyacu Site, Monzón District, Peru
- 11:30 Jean Pike—Mesoamerican Precedents for Chaco Canyon Great House Architecture

**[250] SYMPOSIUM ■ QUANTITATIVE METHOD AND THEORY IN
ARCHAEOLOGY**

Room: Ballroom 204

Time: 10:00 a.m.–12:00 p.m.

Chair: Jonathan Scholnick

Participants:

- 10:00 Nicole Payntar—A Multi-temporal Analysis of Archaeological Site Destruction Using Landsat Satellite Data and Machine Learning, Moche Valley, Peru
- 10:15 Emily Smith—A Quantitative Analysis of the Association between Pottery Motifs and Communal Identity during the Third Millennium BCE at Abu Fatma, Sudan
- 10:30 Jessica Totsch—GIS and Ancient Infrastructure: Modeling Water Distribution from the Aqua Augusta in Pompeii, Italy
- 10:45 Jonathan Scholnick—Social Network Structure and New England Gravestone Style
- 11:00 Michael Frim—Square Knots: A Case Study of Quipus AS55 and AS56 and Evidence for Square Root Calculation and Land Redistribution in the Andes
- 11:15 John Duncan Hurt—Understanding the Organization of Built Space Using Spatial Statistics in GIS
- 11:30 Kirsty Escalante—Recent Investigations of Maya Archaeological Site Looting in Petén, Guatemala
- 11:45 Wesley Gibson—Stream Network Analysis in Archaeological Predictive Modeling

[251] SYMPOSIUM ■ LIFE AND DEATH IN MEDIEVAL POLAND

Room: C125 & C126

Time: 10:15 a.m.–12:00 p.m.

Chairs: Corey Ragsdale and Maciej Gembicki

Participants:

- 10:15 Maciej Gembicki, Marcin Krzepakowski and Joanna Wysocka—Mortuary Practices of the Vanished Medieval Village of Gać in Poland
- 10:30 Lydia Wegel and Corey Ragsdale—Analysis of Entheses Development and Implications on Labor in Late Medieval Poland
- 10:45 Joanna Wysocka, Beata Drupka, Paige Lynch and Marcin Krzepakowski—Analysis of the Vertebral Pathologies among Individuals from Fourteenth- to Eighteenth-Century Polish Cemeteries: Comparison between the Village and Town Inhabitants in Greater Poland
- 11:00 Katarzyna Slusarska—Middle Age Childhood: Bioarchaeology and Health of Children from a Medieval Cemetery Site (Gz10) in Giecz, Poland
- 11:15 Paige Lynch—Sociopolitical Change and Its Effect on the Biology of a Medieval Polish Population through Isotopic Analysis

- 11:30 Corey Ragsdale and Marcin Krzepakowski—Migration and Population Structure Among Two Late Medieval Polish Populations
- 11:45 Arkadiusz Marciniak—Discussant

**[252] SYMPOSIUM ■ ISOTOPE STUDIES IN THE OLD AND NEW WORLDS
PART II**

Room: Ballroom 201

Time: 10:15 a.m.–12:00 p.m.

Chair: Kirsten Lopez

Participants:

- 10:15 Melissa Ritchey—The Influence of Pastoral Cultivation Strategies and Novel Cuisines on Newly Introduced Crops in Central Asia during the Bronze and Iron Ages
- 10:30 Michelle Carpenter, Robert Hard, James Watson, Elisa Villalpando and Raymond Mauldin—Stable Isotope Analysis of the Early Agriculture Period at La Playa (SON:F:10:3), Sonora, Mexico
- 10:45 Rozenn Colleter, Michael Richards and Dominique Garcia—Social Inequalities by Diet in Archaeology: The Contribution of Isotopes
- 11:00 Klervia Jaouen, Pauline Méjean, Benjamin Fuller, Jéssica Mendes Cardoso and Zineb Moubtahij—The Potential of Zn Isotope Ratios ($\delta^{66}\text{Zn}$) to Track Different Types of Plant Consumption
- 11:15 Nadia Neff, Erin Ray, Viorel Atudorei and Keith Prufer—Creating a Quality Control Protocol for Analyzing $\delta^{18}\text{O}$ and $\delta^{13}\text{C}$ from Tooth Hydroxyapatite
- 11:30 Zineb Moubtahij, Benjamin Fuller, Adeline Le Cabec and Klervia Jaouen—Multi-isotopic Investigation of Late Pleistocene Human Diet from the Site of Tavoralt, Morocco
- 11:45 Kirsten Lopez—Successful Sourcing of Plant Material from Paisley Caves, Oregon: Results

SAA Awards, Scholarships, and Fellowships

AWARD FOR EXCELLENCE IN ARCHAEOLOGICAL ANALYSIS

Established in 2001, this award recognizes the excellence of an archaeologist whose innovative and enduring research has made a significant impact on the discipline. Nominees are evaluated on their demonstrated ability to successfully create an interpretive bridge between good ideas, empirical evidence, research, and analysis. This award now subsumes three themes presented on a cyclical basis: (1) an Unrestricted or General Category, (2) Lithic Analysis, and (3) Ceramic Analysis.

- 2001 George L. Cowgill
- 2002 Robin Torrence
- 2003 Carol Kramer (*posthumous*)
Hector Neff
- 2004 David Lewis-Williams
- 2005 George H. Odell
- 2006 Michael Brian Schiffer
- 2007 Robert L. Bettinger
- 2008 William Andrefsky Jr.
- 2009 Judith Habicht-Mauche
- 2010 Timothy A. Kohler
- 2011 Steven Shackley
- 2012 James Skibo
- 2013 Gayle Fritz
- 2014 Harold Lewis Dibble
- 2015 Barbara J. Mills
- 2016 Barbara Voorhies
- 2017 Steven Kuhn
- 2018 Joseph W. Ball
- 2019 Jonathan Mark Kenoyer
- 2020 Rafael Alejandro Pastrana Cruz
- 2021 Michael B. Collins
- 2022 David Whitley

ARTHUR C. PARKER SCHOLARSHIP

This scholarship supports training in archaeological methods for students and personnel of tribal or other Native cultural preservation programs who are from Native or Indigenous populations in the United States and Canada. The scholarship is named in honor of SAA's first president, Arthur C. Parker, who was of Seneca ancestry.

- 1998 Angela J. Neller
- 1999 Iwalani Ching
- 2000 Randy Thompson
- 2001 Cynthia Williams
- 2002 Nola Markey
- 2003 Kalewa Skye Arie Correa
- 2004 Sean P. Naleimaile
- 2005 Larae Buckskin
- 2006 Malia Kapuanalani
Evans-Mason
- 2007 Ora Marek
- 2008 Marie Sina Faatuala
- 2009 Travis Maki
- 2010 Paulette Faith Steeves
- 2011 Kamakana Christian Ferreira
- 2012 Ashleigh Thompson
- 2013 Rebecca Heidenreich
- 2014 The Navajo Nation
Archaeology Department
- 2015 Brittney Diesbourg
- 2016 Beau Duke Carroll
- 2017 Lawrence Shaffer
- 2018 Jay Rapoza
- 2019 Jacque Kocer
- 2020 Patrick Burt

**BERTHA PARKER CODY
AWARD FOR NATIVE
AMERICAN WOMEN**

Bertha Parker Cody Award for Native American Women supports undergraduate and graduate studies, including but not limited to tuition, travel, food, housing, books, supplies, equipment, and child care. This award is partially funded by the Autry Museum of the American West.

- 2021 Jacque Kocer
- 2022 Cheyenne Caraway

BOOK AWARD

Established in 1995 to honor a recently published book that has had, or is expected to have, a major impact on the direction and character of archaeological research. The prize was awarded for the first time at the 61st Annual Meeting.

- 1996 Mary C. Stiner
- 1997 Bruce D. Smith
Carmel Schrire
- 1998 Tom D. Dillehay
Stephen Plog
- 1999 Mark Lehner
Jon Muller
- 2000 Clive Gamble
- 2001 William W. Fitzhugh
Elisabeth I. Ward
- 2002 Lewis Binford
Anne-Marie Cantwell &
Diana DiZerega Wall
- 2003 Kathleen Deagan &
José María Cruxent
Thomas F. King, Randall S.
Jacobson, Karen Ramey Burns
& Kenton Spading
- 2004 Brian Fagan

- T.J. (Tony) Wilkinson
- 2005 Susan Toby Evans
Kelley Hays-Gilpin
- 2006 Peter Bellwood
James E. Bruseth & Toni S.
Turner
Kristian Kristiansen &
Thomas B. Larsson
Bradley T. Leppe
- 2008 Tom Dillehay
James W. Bradley
- 2009 Lothar Von Falkenhausen
Jack Brink
- 2010 David W. Anthony
Rebecca Yamin
- 2011 Vernon James Knight Jr.
Steven Simms
- 2012 Matthew Richard Des Lauriers
Terry Hunt
Carl L. Lipo
- 2013 Elizabeth Arkush
Patrick Kirch
- 2014 Michael L. Galaty
Ols Lafe
Wayne E. Lee
Zamir Tafilica
Jerry D. Moore
- 2015 Dimitra Papagianni &
Michael A. Morse
Steven A. Wernke
- 2016 Miranda Aldhouse-Green
Robert Bettinger
Guolong Lai
- 2017 Michael E. Smith
Carolyn E. Boyd
Enrique Rodriguez-Alegria
- 2018 Peter Bogucki (Popular)
Tom Dillehay (Scholarly)
- 2019 Lynn Meskell (Popular)
Krish Seetah (Scholarly)
- 2020 Carl M. Davis (Popular)
Christine A. Hastorf (Scholarly)
- 2021 Mark D. McCoy (Popular)

D. Rae Gould, Holly Herbster, Heather Law Pezzarossi, and Stephen A. Mrozowski (Scholarly)

- 2022 Ruth M. Van Dyke and Carrie Heitman (Popular)
Wesley Bernardini, Stewart B. Koyiyumptewa, Gregson Schachner, and Leigh J. Kuwanwisiwma (Scholarly)

AWARD FOR EXCELLENCE IN CERAMIC STUDIES

Initiated in 1994 to recognize excellence by an archaeologist whose innovative Research or repeated and enduring contributions have advanced archaeology. (*Succeeded in 2001 by the Award for Excellence in Archaeological Analysis*)

- 1994 Patricia L. Crown
William A. Longacre
1995 Frederick Matson
Prudence Rice
1996 Dean E. Arnold
1997 Ronald Bishop
James Hill
1998 Robert L. Rands
1999 Warren R. DeBoer
2000 Owen Rye

CHARLES STANISH AWARD (EL PREMIO ANUAL CHARLES STANISH PARA ASISTIR A LA REUNIÓN ANUAL DE LA SAA)

The Charles Stanish Annual Award was established to attend the annual meeting of the SAA to assist in the professional development of Peruvian and Bolivian archaeologists in the early stages of their careers. / Se

estableció el Premio Anual Charles Stanish para asistir a la reunión anual de la SAA para ayudar en el desarrollo profesional de los/las arqueólogos/as peruanos/as y bolivianos/as en las primeras etapas de su quehacer profesional.

- 2019 Diana Carhuanina
2020 Carlos Osoreo Mendives
2021 Kodiak Aracena Delgadillo
2022 Alexis Rodríguez Yábar

CHERYL L. WASE MEMORIAL SCHOLARSHIP

Archaeologist Cheryl L. Wase spent most of her career working in the high deserts of New Mexico. She died at the too-young age of 53 in 2004. When her mother, Jane Francy Wase, passed away in 2013, she left a bequest to the Society for American Archaeology to endow a memorial scholarship in her daughter's name. This generous memorial bequest brings together three major themes that defined Cheryl Wase's life: her dedication to archaeology, her love for New Mexico, and her constant willingness to help and support other women. The Wase Scholarship offers continuing support to eligible students. Listed below are each year's new recipients.

- 2016 Kayla Brown
Keighley Hastings
Kailey Martinez
Samantha Ascoli
2017 Esmeralda Ferrales
Eden Franz
Carol Woodland
2018 Heather Hendrickson
Miranda LaZar

- Melissa Perez
 Jamie Stevens
 2019 April Brown
 Mariah Medina
 Samantha Morley
 Sorayah Romero
 Fiona Shaffer
 2020 Kayla Abeyta-Lopez
 Reina Bravo
 Robin Christofani
 2021 Nadia Gilpin
 Sabrina Gonzalez
 Autumn Myerscough
 Tiffany Neas
 Jacquelyn Truitt
 2022 Cassey Godman
 Miya Sierra
 Katherine Slack

CRABTREE AWARD

Established in 1985 to recognize significant contributions to archaeology in the Americas made by an individual who has had little if any formal training in archaeology and little if any wage or salary as an archaeologist. The award is named after Don Crabtree of Twin Falls, Idaho, who made significant contributions to the study of lithic technology and whose dedication to archaeology was a lifelong personal and financial commitment.

- 1985 Clarence H. Webb, MD
 1987 Leonard W. Blake
 1988 Julian Dodge Hayden
 1989 J. B. Sollberger
 1990 Ben C. McCary
 1991 James Pendergast
 1992 Stuart W. Conner
 1993 Mary Elizabeth Good
 1994 Leland W. Patterson

- 1995 Jeff Carskadden
 1996 James H. Word
 1997 Sidney Merrick Wheeler
 (*posthumous*) & Georgia Nancy
 Wheeler Felts
 1998 Reca Jones
 1999 Gene L. Titmus
 2000 Richard P. Mason
 2001 John D. "Jack" Holland
 2002 Richard A. Bice
 2003 Dr. Guillermo Mata Amado
 2004 Robert Patten
 2005 Eugene C. Winter Jr.
 2006 Karl Herbert Mayer
 2007 Jay C. Blaine
 2009 Paul Tanner
 2010 Larry Kinsella
 2011 George Poetschat
 2012 John T. Dowd
 2013 Edward and Diane Stasack
 2014 Francis H. "Frankie" Snow
 2015 Tom Middlebrook
 2016 Steven Freers
 2017 Daniel Wendt
 2018 James Warnica
 2019 Peter Boyle
 Janine Hernbrode
 2020 Marilyn Markel
 2021 Lonnie Ludeman
 2022 Kenneth Burkett

AWARD FOR EXCELLENCE IN CULTURAL RESOURCE MANAGEMENT

Established in 1994 to recognize lifetime contributions and special achievements by an archaeologist in one of three areas: program administration and management, site preservation, and research. Each year the award is given in one area on a rotating basis.

- 1994 Hester A. Davis
 1995 Lawrence E. Aten
 Calvin R. Cummings
 Shereen Lerner
 1995 Charles R. McGimsey III
 1996 William R. Hildebrandt
 1997 James J. Miller
 1998 David A. Frederickson
 1999 David G. Anderson
 2000 Robert Jackson
 2002 Laurence W. Spanne
 2003 John Milner Associates &
 The General Services
 Administration
 2004 Linda Mayo
 2005 Arizona Site Steward Program
 2007 George Smith
 2008 John Walthall
 2009 Mike Beckes
 2010 William H. Doelle
 2011 Nelly Robles Garcia
 2013 Henry D. Wallace
 2014 Mark Michel
 2016 Tom Emerson
 2017 Jeffery Franz Burton
 2018 Myles Miller
 2019 Duane E. Peter
 2020 J. Stephen Athens
 2022 Michael Bremer

AWARD FOR EXCELLENCE IN COLLECTIONS- BASED RESEARCH AND EDUCATION

This award is given yearly to recognize excellence in collections-based research, collections-based education, or work that combines both.

- 2021 Printing the Past: SC in 3D
 2022 Dawn Scher Thomae

AWARD FOR EXCELLENCE IN CURATION AND COLLECTIONS MANAGEMENT

This award is given yearly to recognize excellence in curation and collections management: including advances in collections intake, documentation (including data basing), maintenance, conservation, and/or accessibility.

- 2021 Maryland Archaeological
 Conservation Laboratory
 2022 Glenn A. Black Laboratory of
 Archaeology at Indiana
 University

AWARD FOR EXCELLENCE IN CURATION, COLLECTIONS MANAGEMENT, AND COLLECTIONS

This award recognizes outstanding efforts and advancements in the curation, management, and use of archaeological collections for research, publication, and/or public education. This award subsumes four themes presented on a cyclical basis. (*Succeeded in 2021 by the Award for Excellence in Collections-Based Research and Education and the Award for Excellence in Curation and Collections Management*)

- 2016 The U.S. Army Corps of
 Engineers Mandatory Center
 of Expertise for the Curation
 and Management of
 Archaeological Collections
 2017 John P. Hart
 2019 S. Terry Childs

BINFORD FAMILY AWARD FOR TEACHING SCIENTIFIC REASONING IN ARCHAEOLOGY

The Binford Family Award for Teaching Scientific Reasoning in Archaeology encourages curriculum development with a deliberate focus on teaching critical thinking and scientific reasoning skills in archaeology courses at any level, to reward individuals or institutions that develop excellent examples of such curricula, and to promote the sharing of ideas and materials relating to these efforts.

2022 M. Kathryn Brown

DIENJE KENYON MEMORIAL FELLOWSHIP

The Dienje Kenyon Memorial Fellowship is presented in support of research by women students in the early stages of their archaeological training. It is presented in honor of Dienje Kenyon and was awarded for the first time in 2000.

2000 Rhonda Bathurst
2001 Briana Pobiner
2002 Elizabeth Espy
2003 Elizabeth Arnold
2004 Jamie Clark
2005 Michelle LeFebvre
2006 Sarah Elizabeth Mistak
2007 Jennifer L. Henecke
2008 Sarah G. Bergh
2009 Kayla L. Pettit
2010 Ashley Sharpe
2011 Carla Hadden
2012 Angela R. Perri
2013 Shoshana Rosenberg

2014 Sarah Raffae MacIntosh
2015 Allison L. Wolfe
2016 Arianne Boileau
2017 Kate Tardio
2018 Ashleigh Rogers
2019 Weronika Tomczyk
2020 Christine A. Mikeska
2021 Jemima Georges
2022 Katherine Morucci
Anubhav Preet Kaur

DISSERTATION AWARD

Presented to an archaeologist just entering the profession whose doctoral dissertation is judged to be particularly outstanding. The prize consists of a three-year membership in the Society.

1988 Judith A. Habicht Mauche (Harvard Univ)
1990 David J. Bernstein (SUNY Binghamton)
1991 David Anderson (Univ of Michigan)
1992 Lynette C. Norr (Univ of Illinois)
1993 Cathy Lebo (Indiana Univ)
1994 Mary Van Buren (Univ of Arizona)
1995 David R. Abbott (Arizona State Univ)
1996 Daniel R. Finamore (Boston Univ)
1997 Alvaro Higuera Hare (Univ of Pittsburgh)
1998 Mark D. Varien (Arizona State Univ)
1999 Karen G. Harry (Univ of Arizona)
2000 Alex Barker (Univ of Michigan)

- 2001 Andrew I. L. Duff (Arizona State Univ)
- 2002 Silvia R. Kembel (Stanford Univ)
- 2003 Wesley Bernardini (Arizona State Univ.)
- 2004 Ian G. Robertson (Arizona State Univ)
- 2005 Severin M. Fowles (Univ of Michigan)
- 2006 Elisabeth Hildebrand (Washington Univ)
- 2007 Matthew Liebmann (Univ of Pennsylvania)
- 2008 Kevin D. Fisher (Univ of Toronto)
- 2009 Timothy C. Messner (Temple Univ)
- 2010 Sarah Clayton (Arizona State Univ)
- 2011 Scott G. Ortman (Arizona State Univ)
- 2012 Christopher Morehart (Northwestern Univ)
- 2013 Amanda Logan (Univ of Michigan)
- 2014 Matthew A. Peeples (Arizona State Univ)
- 2015 Alan Farahani (Univ of California, Berkeley)
- 2016 Guy David Hepp (Univ of Colorado, Boulder)
- 2017 Bernadette Cap (Univ of Wisconsin-Madison)
- 2018 Katherine Chiou (Univ of California, Berkeley)
- 2019 Hao Zhao (Stanford Univ)
- 2020 Sarah Oas (Arizona State Univ)
Saul Hedquist (Univ of Arizona)
- 2021 Ian Kretzler (Univ of Washington)

- 2022 Danielle Lynn Dadiago (Univ of California, Santa Cruz)

DISTINGUISHED SERVICE AWARD

(Succeeded by the Lifetime Achievement Award in 2001)

Presented annually to a member for specific accomplishments that are truly extraordinary, widely recognized as such, and of a positive and lasting quality. Recognition can be granted in a wide range of areas relating to archaeology. First awarded in 1975, SAA decided in 1980 to make the award on an annual basis.

- 1975 Carl Haley Chapman
Charles Robert McGimsey III
- 1980 Gordon Randolph Willey
- 1981 Albert Clanton Spaulding
- 1982 Jesse David Jennings
- 1983 Hannah Marie Wormington
- 1984 James Bennett Griffin
- 1985 Emil Walter Haury
- 1986 Waldo R. Wedel
- 1987 William A. Ritchie
- 1988 Richard B. Woodbury
Nathalie F. S. Woodbury
- 1989 George Irving Quimby
- 1990 Fred Wendorf
- 1991 Douglas Schwartz
- 1992 John E. Yellen
- 1993 George J. Gumerman
- 1994 Hester A. Davis
- 1995 Stuart Struever
- 1996 Robert McCormick Adams
- 1997 Dena Dincauze
- 1998 Raymond H. Thompson
- 1999 James A. Brown
- 2000 William D. Lipe

DOUGLAS C. KELLOGG FELLOWSHIP FOR GEOARCHAEOLOGICAL RESEARCH

Under the auspices of the Society for American Archaeology's Geoarchaeology Interest Group, family, friends, and close associates of Douglas C. Kellogg formed a memorial fund in his honor. The fund will provide support of thesis or dissertation research, with emphasis on the field and/or laboratory parts of this research, for graduate students in the earth sciences and archaeology.

- 2003 Aleksander Borejsza
- 2005 Ian Buvitt
- 2006 Heidi Luchsinger
- 2007 Katherine A. Adelsberger
- 2008 Kurt Rademaker
- 2009 Benjamin R. Vining
- 2011 Teresa Wriston
- 2012 Joe D. Collins Jr.
- 2013 Craig Fertelmes
- 2014 Michael Aiuvalasit
- 2015 Bryn Letham
- 2016 Jennifer Kielhofer
- 2017 Justin Nels Carlson
- 2018 Rachel Cajigas
- 2019 Jacob P. Warner
- 2020 A.J. White
- 2021 Helen Thompson
- 2022 Rocío M. López

ETHICS BOWL RECIPIENTS

Initiated in 2004, the Ethics Bowl is a festive, debate-style competition for students to explore the ethics of archaeological practice. The Ethics Bowl trophy is awarded each year to the team of students that responds

to hypothetical dilemmas with the clearest intelligibility, depth, focus, and judgment.

- 2004 Indiana University/University of Nevada–Reno
- 2005 University of Arizona
- 2006 San Diego State University
- 2007 Brown University
- 2008 University of California–Berkeley
- 2009 Texas A&M
- 2010 Brown University
- 2011 University of California–Santa Barbara
- 2012 Northern Arizona University
- 2013 University of California–Berkeley
- 2014 University of California–Berkeley
- 2015 Hiatus
- 2016 University of Georgia
- 2017 University of Puerto Rico/
University of California–San Diego
- 2018 Cornell University
- 2019 University of Kentucky
- 2021 University of Alabama and
University of Illinois,
Urbana-Champaign
- 2022 University of Tennessee,
Knoxville

EXCELLENCE IN PUBLIC ARCHAEOLOGY PROGRAMMING AWARD

The Excellence in Public Archaeology Programming Award recognizes best practices in archaeology outreach and education by bestowing recognition on major programming such as multifaceted ongoing outreach programs or annual events.

- 2021 Manzanar Community
Archaeology Program
- 2022 American Veterans
Archaeological Recovery

FRED PLOG MEMORIAL FELLOWSHIP

The Fred Plog Memorial Fellowship is named for a major archaeologist in Southwest research who also was an inspiring teacher.

- 1999 Sarah Herr
- 2001 Deborah Huntley
- 2005 Greg Schachner
- 2007 Michael Mathiowetz
Todd Pitezel
- 2008 Deanna Grimstead
- 2009 Samuel Duwe
- 2010 Matthew Peeples
- 2011 William Reitze
- 2012 Joshua Watts
- 2013 Katherine Dungan
- 2014 Christopher W. Merriman
Kathryn J. Putsavage
- 2015 Saul L. Hedquist
- 2016 Jacob Lulewicz
- 2017 Katelyn Bishop
- 2018 Reuven J. Sinensky
- 2019 Megan Anne Conger
- 2020 Emily Kate
Christopher Schwartz
- 2021 Mark Agostini
- 2022 Kelsey E. Hanson

FRYXELL AWARD FOR INTERDISCIPLINARY RESEARCH

Initiated in 1977 to specially recognize interdisciplinary excellence by a distinguished scientist, who need not be an archaeologist but whose research has contributed

significantly to American archaeology. Each year the award is based on practice in one of five disciplines: earth sciences, physical sciences, general interdisciplinary studies, zoological sciences, and botanical sciences. The award, which consists of a citation and a medallion, was named in memory of Roald Fryxell, whose career exemplified so well the crucial role of interdisciplinary cooperation in archaeology.

- 1978 C.Vance Haynes
- 1979 Peter J. Mehringer
- 1980 James B. Griffin
- 1981 Karl W. Butzer
- 1982 David J. Baerreis
- 1983 John E. Guilday (*posthumous*)
- 1985 Roger T. Saucier
- 1986 Donald K. Grayson
- 1987 Richard I. Ford
- 1988 David M. Hopkins
- 1989 Joseph B. Lambert
- 1990 Patty Jo Watson
- 1991 Paul W. Parmalee
- 1992 Richard Yarnell
- 1993 Herbert E. Wright Jr.
- 1994 Garman Harbottle
- 1995 Robert J. Braidwood
- 1996 Elizabeth S. Wing
- 1997 Vorsila L. Bohrer
- 1998 John W. Weymouth
- 1999 Henry P. Schwarcz
- 2000 Richard S. MacNeish
- 2001 Melinda A. Zeder
- 2002 Deborah M. Pearsall
- 2003 George Rapp
- 2004 R.E. Taylor
- 2005 Bruce D. Smith
- 2006 Oscar Polaco Ramos
- 2007 Vaughn M. Bryant

- 2008 Paul Goldberg
- 2009 Michael D. Glascock
- 2010 Jane Buikstra
- 2011 R. Lee Lyman
- 2012 Christine Hastorf
- 2013 Anthony Aveni
- 2014 Marvin W. Rowe
- 2015 David Hurst Thomas
- 2016 Elizabeth J. Reitz
- 2017 Naomi Frances Miller
- 2018 Vance Terrell Holliday
- 2019 M. Steven Shackley
- 2020 Debra Martin
- 2021 Mary Clare Stiner
- 2022 Dolores Piperno

GENE S. STUART AWARD

Initiated in 1994 to enhance public understanding of archaeology and given each year for the best newspaper article or series focusing on archaeology. The award is named in honor of Gene Strickland Stuart, a writer and managing editor of National Geographic Society books who devoted her career to the presentation and interpretation of archaeology in a number of award-winning popular books.

- 1994 Scott LaFee (*San Diego Union Tribune*)
- 1995 Nathan Seppa (*Wisconsin State Journal*)
- 1996 Matt Crenson (*Dallas Morning News*)
- 1997 (no award)
- 1998 Diedtra Henderson (*Seattle Times*)
- 1999 William Mullen (*Chicago Tribune*)
- 2000 Frank Roylance (*Baltimore Sun*)

- 2001 Mike Toner (*Atlanta Journal-Constitution*)
- 2002 Chip Minty (*Daily Oklahoman*)
- 2004 Alexandra Witze (*Dallas Morning News*)
- 2005 Marion Lloyd (*Chronicle of Higher Education*)
- 2006 Andrew Petkofsky
- 2007 Richard L. Hill
- 2008 Tom Avril (*Philadelphia Enquirer*)
- 2009 Andrew Lawler (*Science Magazine*)
- 2010 Andrea Cooper (freelance)
- 2011 Dan Vergano (*USA Today*)
- 2012 Mike Toner (*American Archaeology*)
- 2013 Julian Smith (*American Archaeology*)
- 2014 Ann Gibbons (*Science Magazine*)
- 2015 Andrew Lawler (*Science Magazine*)
- 2016 Tamara Stewart (*American Archaeology*)
- 2017 Elizabeth Svoboda (*SAPIENS*)
- 2018 Nicholas St. Fleur (*New York Times*)
- 2019 Gayle Keck (*American Archaeology*)
- 2020 Lizzie Wade (*Science Magazine*)
- 2021 Megan I. Gannon (*SAPIENS*)
- 2022 Elizabeth Evitts Dickinson (*Washington Post Magazine*)

GEOARCHAEOLOGY INTEREST GROUP MA/MS RESEARCH AWARD

The Geoarchaeology Interest Group MA/MS Research Award provides support for thesis research, with emphasis on the field and/or

laboratory aspects, for graduate students in the earth sciences and archaeology. (*Succeeded in 2017 by the Paul Goldberg Award.*)

- 2014 Brendan S. Fenerty
- 2015 Alexander Delgado
- 2016 Kendal R. Jackson

H. AND T. KING GRANTS FOR ARCHAEOLOGY OF THE ANCIENT AMERICAS

The H. and T. King Grants for Archaeology of the Ancient Americas, administered by the Society for American Archaeology, supports archaeological projects across Latin America (exclusive of the United States) that show promise for transformative contributions to the understanding of the indigenous cultures from Mesoamerica, Central and South America, and the Caribbean.

- 2020 Tamara Bray
Jennifer Grant
Salomón Hocsman
Angela Huster
Jessica Munson and Jill Onken
Alexandre Tokovinin
- 2021 Jessica MacLellan
Celeste Samec
Amy Thompson
Verónica Williams

HISTORICALLY UNDERREPRESENTED GROUPS SCHOLARSHIP

The SAA Historically Underrepresented Groups Scholarship (HUGS) helps increase the number of underrepresented minorities obtaining

degrees in archaeology. It provides funding to minority archaeology students, helping them enhance their education and successfully prepare for a variety of careers in archaeology and heritage management. The scholarship is overseen by the Minority Scholarships Committee of the SAA.

- 2015 Gabriel Sanchez
Dania Jordan
Sameen Mansoor
- 2016 Milena Carvalho
Danielle Huerta
Raghda El-Behaedi
Lisa Small
- 2017 Lorraine Hu
Kristina Lee
Jasmine Lee
Hope Loiselle
Erik Marinkovich
Deja Santiago
- 2018 Luisa Donoso
Jose Marrero-Rosado
Angelica Sanchez
- 2019 Jenail Marshall
Ashley Vance
Jazmin Jones
Ariana Robles
- 2021 Kevin Cabrera
Zindy Cruz
Raena Gamble
Isabella Garcia
Tiffany Santiago
Karla Saracay
- 2022 Abilene Ayala
Maryam Biyabani
Leann Castillo
Mavis Chan
Alejandra Garcia-Silva
Simone Muhammad
Estevan Ramirez

Ciele Rosenberg
 Illeana Sanders
 Ximena Smith
 Sasha Thompson
 Maxwell Ward

AWARD FOR EXCELLENCE IN LATIN AMERICAN AND CARIBBEAN ARCHAEOLOGY

Initiated in 2010 to recognize an individual who has made a lasting and significant contribution to the practice of archaeology and/or to the construction of archaeological knowledge in Latin America or the Caribbean.

2011 Jeremy A. Sabloff
 2013 Luis Guillermo Lumbreras Salcedo
 2014 Luis Alberto Borrero
 2015 Jeffrey Parsons
 2016 Robert D. Drennan
 2018 Maria Victoria Castro Rojas
 2020 Elizabeth Graham
 2021 James B. Richardson III
 2022 Jaime J. Awe

LIFETIME ACHIEVEMENT AWARD

(Formerly the Distinguished Service Award)

The Lifetime Achievement Award is presented annually in recognition of a member who has performed truly extraordinary service of positive and lasting quality to the Society for American Archaeology or to the profession as a whole.

2001 Jeffrey S. Dean
 2002 Jaime Litvak King
 2003 Don D. Fowler

2004 Ian Graham
 2005 George Carr Frison
 2006 Bruce Trigger
 2007 Frank Hole
 2008 Lewis R. Binford
 2009 Linda Cordell
 2010 Patty Jo Watson
 2011 W. Raymond Wood
 2012 Bennie C. Keel
 2013 Henry Wright
 2014 Jeremy Sabloff
 2015 Bruce D. Smith
 2016 Margaret W. Conkey
 2017 David Hurst Thomas
 2018 Martin McAllister
 2019 Lynne G. Goldstein
 2020 Larry J. Zimmerman
 2021 Lynne Sebastian
 2022 George Smith

AWARD FOR EXCELLENCE IN LITHIC STUDIES

Established in 1994 to recognize excellence by an archaeologist whose innovative research or repeated and enduring contributions have contributed significantly to archaeology. *(Succeeded in 2001 by the Award for Excellence in Archaeological Analysis)*

1994 John Witthoft (*posthumous*)
 1995 Harry J. Shafer
 Lawrence Keeley
 1996 Jay K. Johnson
 1998 Kenneth Hirth
 1999 Barbara E. Luedtke
 2000 Tom Hester

MATTHEW TOBIN CAPPETTA ARCHAEOLOGICAL SCHOLARSHIP

Matthew Tobin Cappetta spent a decade in the American Southwest,

working with Native American tribes on archaeological sites. Matthew intended to attend graduate school to get advanced training in archaeology before his tragic death in 2019. His family established an endowment to honor his memory that will support other aspiring archaeology students to attend graduate school and achieve their dreams of becoming professional archaeologists.

- 2021 Mark Agostini
Brian Holguin
- 2022 Juan Chavez
Kelsey Hanson
Christopher Wai
Robert Weiner

**NATIONAL SCIENCE
FOUNDATION
SCHOLARSHIPS FOR
ARCHAEOLOGICAL
TRAINING FOR NATIVE
AMERICANS AND NATIVE
HAWAIIANS**

This scholarship supports training in archaeological methods for students and personnel of tribal or other Native cultural preservation programs who are from Native or indigenous populations in the United States and Canada.

- 1999 Lokelani H. Aipa
Frank Mt. Pleasant
Leslie Awong
- 2000 Leander Lucero
Amada Rockman
Lahela Perry
- 2001 Bonnie Lee Dziadasek
Desireé Martinez

- Blair First Rider
- 2002 Deona Naboa
Natalie Ball
Tracy Pierre
- 2003 Michael Garcia
Gordon C. Moore
Carley Kaleo Veary
Scott T. Kikiloi
- 2005 Lizatine A. Tsosie
Laurie Shead
Denny Gayton
- 2006 Vera Asp
Ashley Layne Atkins
Joey Condit
Elizabeth Lein'Ala Kahave
Roberta Lynn Thomas
- 2007 Tracey Pierre
- 2008 Na'Lilma Ahuna
Simon Solomon
- 2009 Shianne Sebastian
Ira K. Matt
Wesley D. Miles
- 2010 Wesley D. Miles
Simon Arthur Solomon
Elijah Sanderson
- 2011 Robert James David
Kevin J. Brown
Liana Staci Hesler
- 2012 Joshua Castleman
Joel Nicholas
Autumn Whiteway
- 2013 Alyssa Christine Bader
Dylan Ray Jennings
Susan Marylouise Peone
- 2014 Alicia Mary Olea
- 2015 Alicia Gooden
Kristen Green
Anita Johnson-Henke
Regina Mad Plume
Peter Nelson
- 2016 Regina Hilo
Kristyn Hara
- 2017 Patrick Burt

- Michele Brownlee
Erin Renn
2018 Ashlyn Weaver
2020 Dominic Bush
Vikki Preston
2021 Matthew Esparza
Sedonna Goeman-Shulsky
Justin McCarthy
Makayla Murillo
Katelynn Simpson
2022 Isabella Araiza
Valentina Herrera
Anastasia Walhovd

NATIVE AMERICAN GRADUATE ARCHAEOLOGY SCHOLARSHIP

This scholarship supports graduate studies for Native American students, including but not limited to tuition, travel, food, housing, books, supplies, equipment, and childcare.

- 2010 Ashley Lane Atkins
2011 Frank James Raslich
2012 Nicholas Luluk
2013 Davina Two Bears
2014 Joseph Aguilar
2015 Garrett W. Briggs
2016 Antonio Villasenor- Marchal
2017 Regina K. Hilo
2018 Raquel Romero
2019 A. Leiokeko'olani Brown
2020 Natalie Lolar
Emily Van Alst
2021 Carlton Gover
2022 Patrick Cruz

NATIVE AMERICAN UNDER- GRADUATE ARCHAEOLOGY SCHOLARSHIP

This scholarship supports undergraduate studies for Native American

students, including but not limited to tuition, travel, food, housing, books, supplies, equipment, and childcare.

- 2010 Vanessa T. Cabrera
2011 Garrett W. Briggs
2012 Laura Jane Brandon
2013 Chi R. Woodrich
2014 Anita Fells
2015 Grey Don Johnson
2016 Jair Boro Munduruku
2017 Jamie Stevens
2018 Uguku Usdi
2019 Aka Bendtsen
2021 Tamahsat Blackeagle
2022 Travis Chai Andrade

OUTSTANDING PUBLIC ARCHAEOLOGY INITIATIVE AWARD

The Outstanding Public Archaeology Initiative Award recognizes the best short-term initiatives such as (but not limited to) the following: exhibits, lesson plans, products, or other short-term outreach projects.

- 2021 "Archaeology in the Time of Black Lives Matter" Virtual Panel
2022 The Waccamaw Indian People, Coastal Carolina University, and Horry County Museum

PAUL GOLDBERG AWARD

(Formerly the Geoarchaeology Interest Group MA/MS Research Award)

The Paul Goldberg Award provides support for thesis research, with emphasis on the field and/or laboratory aspects, for graduate students in the earth sciences and archaeology.

- 2017 Heidi Van Etten
- 2018 Zaakiyah Cua
- 2019 Cayla D. Kennedy
- 2020 Denay Grund
- 2021 Rachael Smith
- 2022 Amy Socha

POSTER AWARD

Presented to promote interest and acceptance of the poster in the dissemination of archaeological research, to increase the quality of poster presentations, and to acknowledge the very best accomplishments in this valuable medium. The award, initiated at the 58th Annual Meeting in 1993, is given in two categories: student and professional/non-student (Prof.). As of 2008, only the student category continued; the professional category was sunsetted.

- 1993 Cynthia Herhahn (Student)
Virginia Butler & James Chatters (Prof.)
- 1994 Alanah J. Woody (Student)
George R. Milner, James S. Oliver & Erich Schroeder (Prof.)
Dennis E. Lewarch & Laura S. Phillips (organizers,
Outstanding Poster Symposium)
- 1995 Tim Hunt, Mark Madsen & Carl Lipo (Student)
Brenda J. Baker & Maria A. Liston (Prof.)
- 1996 Clinton C. Hoffman (Student)
Adam King (Student)
Stephen H. Lekson (Prof.)
- 1997 Anastasia Steffen, Rita Moots Skinner & Ann F. Ramenofsky (Student)
- Judith A. Habicht Mauche, A Russell Flegal, Stephen Glenn & Horner Milford (Prof.)
- 1998 Lisa Nagaoka (Student)
Shannon P. McPherron & Harold L. Dibble (Prof.)
- 1999 Diana Greenlee, Robert C. Dunnell, Terry Hunt & Michael Pfeffer (Student)
Neal H. Lopinot & Jack H. Ray (Prof.)
- 2000 Diana M. Greenlee (Student)
Fraser D. Neiman (Prof.)
- 2001 Jonathan Scholnick, Derek Wheeler & Fraser Neiman (Student)
Jeffrey Homburg, Eric Brevic, Jeffrey Altschul, Anthony Orme & Steven Shelly (Prof.)
- 2002 Laura Smith, James Jordan, David Johnson, Casey Haskell & Herbert Maschner (Student)
Manuel R. Palacios-Fest & Jeffrey A. Homburg (Prof.)
- 2003 Stacey Chambliss (Student)
Diana M. Greenlee (Prof.)
- 2004 Andrew Isaac, Mark Muldoon, Keri Brown & Terry Brown (Overall)
Sara Bon-Harper, Jennifer Aultman, Nick Bon-Harper & Derek Wheeler (Prof.)
Stacy Lengyel (Student)
- 2005 Ethan Cochran, Julie Field & Diana Greenlee (Student)
James Feathers, Jack Johnson & Silvia Kembel (Prof.)
- 2006 Ruth Dickau (Student)
Robert Hard, Cynthia Muñoz & Anne Katzenberg (Prof.)
- 2007 Jeffrey Ferguson, Jelmer E. Eerkens & Michael Glascock (Prof.)

- Bridget Zavala & Jose Luis Punzo Diaz (Student)
- 2008 Brandi Lee MacDonald, R.G.V. Hancock, Alison Pidruczny & Aubrey Cannon
- 2009 Susan M. Mentzer
- 2010 Metin I. Eren, Adam Durant & Christina Neudorf
- 2011 Alexander Smith & Danielle Raad
- 2013 G. Logan Miller
- 2015 Jenna Kay Carlson
- 2016 Amy N. Fox
- 2017 Elic Weitzel & Daniel Plekhov
- 2018 Mark Agostini
- 2019 Nicolette Edwards
- 2021 Laura Benedict
- 2022 McKenzie Alford

**PRESIDENTIAL
RECOGNITION AWARD**

Instituted in 1990 to permit SAA to recognize individuals who have provided extraordinary services to the society and the profession in the past year. Awardees are determined by the president of the society, in consultation with members of the Board.

- 1990 Jerome A. Miller
Nathalie F. S. Woodbury
- 1991 Lynne Goldstein
Rachael Hamilton
Keith Kintigh
Earl Lubensky
Loretta Neumann
Kathleen Reinburg
David Hurst Thomas
- 1992 Mark Leone
Jeremy A. Sabloff
- 1993 Jerald Milanich
Daniel G. Roberts

- Bruce D. Smith
Vincas P. Steponaitis
- 1994 David S. Brose
Edward Friedman
R. Bruce McMillan
Teresita Majewski
William H. Marquardt
Dan F. Morse
J. Daniel Rogers
Katharina J. Schreiber
Dean Snow
Vincas P. Steponaitis
Paul Takac
- 1995 Mark Aldenderfer
Roger Anyon
Robert Drennan
Diane Gifford Gonzalez
Lynne Goldstein
Keith Kintigh
Mark J. Lynott
Phyllis Messenger, KC Smith & Cathy MacDonald
Paul Minnis
Bruce E. Rippeteau
Alison Wylie
Melinda A. Zeder
- 1996 Brian Fagan
Paul Fish & Suzanne K. Fish
Jonathan Lizee
Toni Moore
Carol Shull
George Stuart
- 1997 Mark Aldenderfer
David Anderson
Roger Anyon & T. J. Ferguson
Keith Kintigh
Florence Lister
Donna Seifert
Joe Watkins
- 1998 Stephen Dyson for *Archaeology Magazine*
Ed Friedman
Janet Levy

- William Lovis
- 1999 Caryn Berg
Susan J. Bender
Judith A. Bense
Jon S. Czaplicki
Gary Feinman
Linda Manzanilla
Tristine Lee Smart
George S. Smith
Joe Watkins
- 2000 Lynne Goldstein
James A. Goold
Kurt E. Dongoske
- 2001 Mark Aldenderfer
Patricia Gilman
The Law Department of
the National Trust for Historic
Preservation
Francis P. McManamon
Ian W. Brown
- 2002 Michael J. Fanelli
Donald Forsyth Craib
Johna Hutira
- 2003 John Chamblee
Fred Wendorf, Stuart Struever,
& Doug Schwartz
- 2004 Garth Bawden
Julie Hollowell-Zimmer &
Chip Colwell-Chanthaphonh
Erin Kuns
William Longacre
- 2005 MATRIX Project
- 2006 SAA National Historic
Landmarks Committee
- 2007 PEC Web Pages Working
Group
John Kantner
- 2008 Alex Barker
Nelly Robles Garcia
Daniel H. Sandweiss
- 2009 Phillip L. Walker
- 2010 75th Anniversary Task Force:
Jeremy Sabloff
James Snead
- Wendy Ashmore
David Browman
Don Fowler
Lisa Lecount
Linda Manzanilla
Bruce Smith
Fundraising Committee:
William Doelle
Susan Bender
Cathy Cameron
John E. Kelly
Paul Minnis
Linda Pierce
Bruce Rippeteau
Martha Rolingson
Ken Sassaman
- 2011 Susan B. Bruning
Paul Minnis
Jonathan Muller
- 2012 Barbara M. Arroyo
Tomas Enrique-Mendizabal
Archibold
Christopher D. Dore
Daniel H. Sandweiss
- 2013 Susan Kane
Cori Wegener
Tim Melancon
Serena Bellew
- 2014 Deborah L. Nichols
Christopher A. Pool
Gabriela Uruñuela y Ladrón
de Guevara
- 2015 Willem Willems
Frederich (Fritz) Luëth
Jane Eva Baxter
Brian I. Daniels
Salam al-Kuntar
Anibal Rodriguez
- 2017 Jeffrey Altschul
Barbara Arroyo
Task Force on Gender
Disparities in Archaeological
Grant Submissions
Amity Pueblo Task Force

- Task Force on Archaeological Survey Data Quality, Durability, and Use
- Task Force on Regional Planning
- Task Force on Valuing Archaeological Resources
- Task Force on Professional Archaeologists, Avocational Archaeologists, and Responsible Artifact Collectors Relationships
- Task Force on Guidelines for Promotion and Tenure for Archaeologists in Diverse Academic Roles
- 2019 Tobi Brimsek
- Deborah Nichols
- John Douglass
- Gordon Rakita
- Jerry Spangler
- Tim Kohler
- Daniel H. Sandweiss
- Thomas McGovern
- 2020 Jeff Altschul
- Kelley Hays-Gilpin
- Keith Kintigh
- Paul Reed
- Meagan Thies-Sauder
- 2021 Karen Brunso
- Donn Grenda
- Sarah E. Miller
- Kayeleigh Sharp
- Lauren Sieg
- Paul Welch
- David Witt
- 2022 Bylaws Committee: Patricia A. Gilman (*chair*), Kyle Bocinsky, Lynne Sebastian, and Vincas P. Steponaitis
- Sissel Schroeder
- Patrick Ryan Williams

AWARD FOR EXCELLENCE IN PUBLIC EDUCATION

Begun in 1997 to recognize institutions or individuals who bring about an improved public understanding and appreciation of anthropology and archaeology. (*Succeeded in 2021 by Distinguished Achievement in Public Archaeology Award, Outstanding Public Archaeology Initiative Award, and Excellence in Public Archaeology Programming Award*)

- 1997 Brian Fagan
- 1998 Jan Coleman Knight
- 1999 Crow Canyon Archaeological Center
- 2000 George Stuart
- 2001 George Brauer
- 2002 AnthroNotes
- 2003 Jeanne Moe
- 2004 Patricia Wheat-Stranahan
- 2005 Office of Archaeological Studies at the Museum of New Mexico
- 2006 Richard M. Pettigrew
- 2007 The 5th St. Cemetery Necrogeographical Study
- 2008 Texas Beyond History Website
- 2009 Center for American Archaeology
- 2010 Project Archaeology
- 2012 Education Outreach Program of the Office of Archaeological Studies
- 2014 Abby the ArchaeoBus: Society for Georgia Archaeology New South Associates Georgia Transmission Corporation Georgia State University
- 2015 Kansas Archeology Training Program

- 2017 Kristina Killgrove
- 2018 Kentucky Archaeological Survey
- 2019 Magic Mountain Community Archaeology Project
- 2020 Húyat: Our Voices our Land

PUBLIC SERVICE AWARD

Begun in 1983 to recognize the important contributions of a public figure to the protection and preservation of cultural resources. It is presented regardless of political affiliation to those who have taken a lead or made a major contribution to preserving the past. The awardees have been:

- 1983 Sen. Spark M. Matasanaga
Rep. Donald J. Pease
- 1984 Sen. James A. McClure
- 1985 Speaker James C. Wright Jr.
- 1986 Secretary of the Interior
Donald P. Hodel
- 1987 Rep. John F. Seiberling
- 1988 Rep. Charles E. Bennett
- 1989 Sen. Peter V. Domenici
- 1990 Rep. Morris K. Udall
- 1991 Secretary of the Interior
Manuel Lujan Jr.
- 1992 The Archaeological
Conservancy
- 1993 Constance Werner Ramirez
- 1994 James Beck
Deborah Daniels
Jeffrey Kent
Larry Mackey
Scott Newman
- 1995 Grand Canyon Trust
- 1996 Rep. Bill Richardson
- 1997 Rep. Phil English
- 1998 Loretta F. Neumann

- 1999 Secretary of the Interior
Bruce Babbitt
- 2000 Wayne Dance
- 2003 Rep. Leonard Boswell
- 2004 Paula Desio
- 2005 Sen. Jeff Bingaman
- 2008 Arc of Appalachia Preserve
System, Archaeological
Conservancy, Wilderness
East, and the Ross County
Parks Department
- 2015 Glenn Morgan
Arlene Fleming
Jonathan Renshaw
Elsa Chang
- 2017 Abdel Kader Haidara
Fatou Bensouda
- 2018 Supervisory Special Agent
Timothy Carpenter and the
FBI Art Crime Team
- 2022 Secretary Deb Haaland,
Department of the Interior

ROBERT S. PEABODY INSTITUTE OF ARCHAEOLOGY AWARD FOR ARCHAEOLOGY AND EDUCATION

The Robert S. Peabody Institute of Archaeology Award for Archaeology and Education recognizes excellence of individuals or institutions in using archaeological methods, theory, and/or data to enliven, enrich, and enhance other disciplines, and to foster the community of archaeology education practitioners.

- 2021 Diving With A Purpose
- 2022 Lisa Overholtzer

STUDENT PAPER AWARD

Initiated in 2000, this award is designed to recognize the best student research paper presented at the Annual Meeting. All student members of SAA are eligible to participate. The awardees have been:

- | | | | |
|------|--|------|--|
| 2000 | Nathan S. Lowrey (with Thomas C. Pleger) | 2009 | Michael Mathiowetz |
| 2002 | Christopher Morehart | 2010 | John M. Marston |
| 2003 | Devin Alan White | 2011 | Melanie Beasley
Jack Meyer
Eric J. Bartelink
Randy Miller |
| 2004 | Briana L. Pobiner & David R. Braun | 2012 | Sean B. Dunham |
| 2005 | Elizabeth Horton & Christina B. Rieth | 2013 | Bryn Letham
David Bilton |
| 2006 | Metin I. Eren & Mary E. Prendergast | 2014 | G. Logan Miller |
| 2007 | Scott Ortman | 2015 | Catrine Jarman |
| | | 2016 | Natalie Mueller |
| | | 2017 | Jacob Lulewicz |
| | | 2018 | Michelle Bebber & Mike Wilson |
| | | 2019 | Meagan E. Dennison |
| | | 2020 | Lori Barkwill Love |
| | | 2021 | Maria Codlin |
| | | 2022 | Kirsty E. Escalante |

Presidents of the SAA

A. C. Parker	1935–1936	Raymond H. Thompson	1976–1977
Diamond Jeness	1936–1937	Cynthia Irwin Williams	1977–1979
A. V. Kidder	1937–1938	Fred Wendorf	1979–1981
Edgar B. Howard	1938–1939	Richard E. W. Adams	1981–1983
Neil Judd	1939–1940	George C. Frison	1983–1985
W. C. McKern	1940–1941	Don Fowler	1985–1987
Glenn Black	1941–1942	Dena Dincauze	1987–1989
Nels C. Nelson	1942–1943	Jeremy A. Sabloff	1989–1991
Emil W. Haury	1943–1944	Prudence Rice	1991–1993
J. Alden Mason	1944–1945	Bruce D. Smith	1993–1995
Carl E. Guthe	1945–1946	William D. Lipe	1995–1997
Frederick Johnson	1946–1947	Vincas P. Steponaitis	1997–1999
Douglas S. Byers	1947–1948	Keith W. Kintigh	1999–2001
Waldo R. Wedel	1948–1949	Robert L. Kelly	2001–2003
J. O. Brew	1949–1950	Lynne Sebastian	2003–2005
Frank Roberts Jr.	1950–1951	Kenneth M. Ames	2005–2007
James B. Griffin	1951–1952	Dean R. Snow	2007–2009
Irving Rouse	1952–1953	Margaret W. Conkey	2009–2011
Gordon F. Ekholm	1953–1954	W. Frederick Limp	2011–2013
Robert Wauchope	1954–1955	Jeffrey H. Altschul	2013–2015
W. Duncan Strong	1955–1956	Diane Gifford-Gonzalez	2015–2017
William A. Ritchie	1956–1957	Susan M. Chandler	2017–2019
George I. Quimby Jr.	1957–1958	Joe E. Watkins	2019–2021
Richard B. Woodbury	1958–1959	Deborah Nichols	2021–2022
Jesse D. Jennings	1959–1960	Dan Sandweiss	2022–2024
Erik K. Reed	1960–1961		
Junius Bird	1961–1962		
David A. Baerreis	1962–1963		
James A. Ford	1963–1964		
Albert C. Spaulding	1964–1965		
Paul S. Martin	1965–1966		
Joe B. Wheat	1966–1967		
Gordon R. Willey	1967–1968		
H. Marie Wormington	1968–1969		
Ignacio Bernal	1969–1970		
Robert Lister	1970–1971		
Richard S. MacNeish	1971–1972		
Charles C. Di Peso	1972–1973		
Douglas W. Schwartz	1973–1974		
Charles R. McGimsey III	1974–1975		
Stuart Struever	1975–1976		

STUDENTS, JOIN US!

WEDNESDAY, MARCH 29

9:00 P.M.—10:30 P.M.

Deschutes Ballroom B, Hyatt Regency

All student attendees are invited to attend the Student Welcome reception sponsored by the SAA's journal publishing partner, Cambridge University Press, and the SAA Board of Directors.

Kick off the meeting by mingling with the SAA Board and other students while enjoying complimentary refreshments and a cash bar. The SAA is your professional society and we invite you to join our community!

The SAA Board of Directors thanks Cambridge University Press for their generous support of the Student Welcome Reception.



SOCIETY FOR AMERICAN ARCHAEOLOGY



CAMBRIDGE
UNIVERSITY PRESS

Celebrate Archaeology by Using Your Ballot

The State Archaeology Celebration posters will be on display physically (in the Exhibit Hall) in Portland and virtually on the SAA website. Voting will be held virtually throughout the meeting. See the posters in person and visit www.saa.org/postercontest to cast your vote. The previous year's winners will be honored at the Annual Business Meeting and Awards Celebration at 5:00 p.m. on Friday in Ballroom 204. This year's winners will be announced after April 7. The poster contest is cosponsored by the SAA's Public Education Committee and the Council of Allied Societies.

Exhibit Hall Location

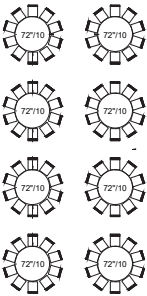
Exhibit Hall A and AI (OCC)

2023 Exhibit Hall Hours

Thursday: 9:00 a.m.—6:00 p.m.

Friday: 9:00 a.m.—5:00 p.m.

Saturday: 9:00 a.m.—3:00 p.m.



528
526

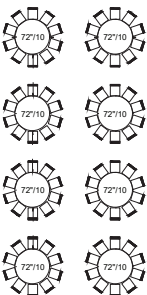
529	628
527	626

Poster Sessions

522
520

523	622
521	620

Poster Sessions



209	308
207	306

309	408
307	406



509	608
507	606

203	302
201	300

303	402
301	400

403	502
401	500

503	602
501	600

Exhibitor Directory

American Cultural Resources Association #722

<https://acra-crm.org>

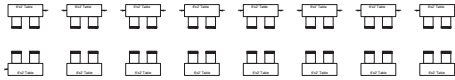
The American Cultural Resources Association (ACRA) is the national network of professional members and service partners representing the cultural resource management (CRM) industry and associated fields of study

American Rock Art Research Association #209

<http://www.arara.wildapricot.org>

The American Rock Art Research Association (ARARA) is dedicated to rock art preservation, research, and education in order to communicate to a broad audience the significance of rock art as a nonrenewable resource of enduring cultural value and an important expression of our shared cultural heritage.

629	728
627	726



623	722
621	720

723	822
721	820

823	922
821	920

923	1022
921	1020

Poster Sessions

609	708
607	706

709	808
707	806

809	908
807	906

909	1008
907	1006

603	702
601	700

703	802
701	800

803	902
801	900

903	1002
901	1000

Entrance

Antiquity Journal**#606**<http://www.antiquity.ac.uk/>

Antiquity is a leading peer-reviewed journal of world archaeology. First published in 1927, we feature original archaeological research on all periods and regions, written for a professional but nonspecialist readership. *Antiquity* is owned by a charitable trust and published in partnership with Cambridge University Press.

The Archaeological Conservancy**#529**www.archaeologicalconservancy.org

Information about The Archaeological Conservancy and *American Archaeology* magazine.

Archaeological Investigations Northwest Inc.**#402**<http://www.ainw.com>

AINW offers specialized services including technological analysis workshops for stone tools and debitage, protein residue analysis, and calculation of obsidian hydration age determinations. AINW provides a full range of archaeological and historical services for compliance projects in the Pacific Northwest.

Archaeometry Laboratory at the University of Missouri Research Reactor (MURR)**#803**<https://archaeometry.missouri.edu/>

The Archaeometry Laboratory at MURR specializes in provenance and

materials analysis for archaeology. Experts will discuss collaborative research opportunities and services, including NAA (neutron activation analysis), XRF (X-ray Fluorescence), and elemental and isotopic analysis by mass spectrometry (LA-ICP-MS, MC-ICP-MS). Information on NSF-subsidy and educational training programs will be featured.

Archaeopress Publishing Ltd**#1000**www.archaeopress.com

Archaeopress publishes 120–150 new titles each year, the range of publications includes monographs, conference proceedings, catalogues of archaeological material, excavation reports, archaeological biographies, and more.

ASM Affiliates**#821, 920**www.asmaffiliates.com

Promotional materials, cold beverages, and information on one of the leading cultural resources firms in the United States.

Balkan Heritage Field School**#1008**www.bhfieldschool.org

In 2023 Balkan Heritage Field School offers 14 programs in archaeology and heritage conservation in Bulgaria, Greece, North Macedonia, and Israel. The field schools welcome students, CRM archaeologists, early career researchers, and conservators, as well as anyone with a taste for cultural heritage and experience, good food and time.

BAR Publishing
#921, 1020

<http://www.barpublishing.com>

BAR Publishing is an award-winning publisher, dedicated to academic archaeology worldwide. All manuscripts are produced to the highest quality, with an impressive 12-week production schedule.

Visit us to discuss proposals, Open Access, partnerships, and our Digital Collection of 3,700+ titles, the world's largest series of academic archaeology.

Beta Analytic Inc.
#701

<https://www.radiocarbon.com/>

ISO 17025-accredited Beta Analytic is a dedicated radiocarbon dating laboratory with standard turnaround time of 14 business days for its AMS Dating service. Expedited services are available. All analyses are performed in-house by dedicated professional scientists. Respected worldwide for accuracy, quality, and customer care.

Bone Boss Tools
#620

<http://www.bonebosstools.com>

Made for archaeologists by an archaeologist, Bone Boss Tools are designed for hand excavation of fragile materials, especially bone. Each Bone Boss Tool is crafted from selected hardwood and shaped to a specialized form that allows the excavator to maintain fingertip control while removing soil in a variety of situations.

Bruker Corporation
#807, 809

<http://www.bruker.com>

Understanding our Cultural Heritage lies in a detailed knowledge of the objects that comprise that heritage. Bruker's range of portable, mobile, and flexible approaches to analysis in Archaeology and Archaeometry provide you with all of the capabilities of a lab-based analytical suite, helping you take us back in time.

Bureau of Land Management
#609

<https://www.blm.gov/programs/cultural-resources>

Humans have used the public lands managed by the BLM for more than 10,000 years. As a result, the land holds invaluable evidence of human prehistory and history; preservation of these important lands will ensure current and future generations the ability to connect to their natural and cultural heritage.

Cal Poly Humboldt - Cultural Resources Facility
#821

<https://crf.humboldt.edu/>

Cal Poly Humboldt's Cultural Resources Facility in coordination with the Anthropology Department, public agencies, and the CRM industry, provides paid anthropological training to students. The CRF offers services in archaeological surveying, GIS, remote sensing, excavations, monitoring, heritage interpretation, and ethnographic consulting.

**Cambridge University Press
#403, 502**

<http://www.cambridge.org/academic>
Cambridge University Press is a not-for-profit publisher that dates from 1534. We are part of the University of Cambridge and our mission is to unlock people's potential with the best learning and research solutions. Visit our stand to discuss publishing with us, browse our publications, and get a 30% discount.

**Cedros Island Archaeological Project
#406**

<https://liberalarts.oregonstate.edu/slcs/psal>
Will provide outreach and education relating to the binational archaeology NSF-funded research project on Cedros Island, Baja California, Mexico. We will share videos, published research, and will have US and Mexico project team members on hand to answer questions and share information about past and ongoing archaeological research.

**Center for Applied Isotope Studies
#801**

<http://www.cais.uga.edu/>
The one-stop-shop for archaeological sciences. Radiocarbon Dating, Stable Isotope Analysis, Elemental analysis, XRF, ICP-OES, ICP-MS, Lead and Strontium Isotope Analysis.

**Center for Digital Antiquity
#900**

<http://www.tdar.org>
The Center for Digital Antiquity is

committed to ensuring the long-term preservation and accessibility of archaeological data. Our online repository, The Digital Archaeological Record (tDAR), provides researchers worldwide with easy-to-use digital curation and preservation services/tools to store, manage, search, and access archaeological records.

**Colbr Consulting Inc.
#308**

www.Colbr.ca
Innovators in archaeological field prospection methodology, Colbr Consulting Inc. creates technology and methods to systematically test the "untestable." Colbr has been able to systematically and mechanically excavate test pits in wetlands, deep sites (up to 3m DBS), large-scale rescue sites, urban fill sites, and, soon, underwater sites!

**Cotsen Institute of Archaeology Press
#1002**

<http://www.ioa.ucla.edu>
Cotsen Institute of Archaeology Press is a premier research organization dedicated to the creation, dissemination, and conservation of archaeological knowledge and heritage. The Cotsen Institute of Archaeology Press specializes in producing high-quality academic volumes in nine different series, including Monumenta Archaeologica, Monographs, Cotsen Advanced Seminars, and Ideas, Debates and Perspectives, on diverse subjects whose ranges span time, cultures, and geography.

Council of Allied Societies (CoAS)

#528

<http://www.saa.org/coas>

The Council of Allied Societies (CoAS) was formed in 1989 for the mutual benefit of professional archaeologists and avocationalists to build collaborative working and research relationships. Membership is open to all incorporated not-for-profit organizations/groups that include general public participation and who align with the SAA's mission objectives.

Daiichigosei Co. Ltd.

#306

<https://www.daiichigosei.co.jp/en/>

We have been developing various supporting goods that are excavation and measurement tools for Japanese archaeologists. They are bamboo MAKO that measure pottery or relics without damaging and the strongest trowel in the world. We can help you protect your cultural heritage.

Database of Religious History (DRH)

#906

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

The world's first comprehensive online quantitative and qualitative encyclopedia of religious cultural history.

Defense POW/MIA Accounting Agency

#507

<https://www.dpaa.mil>

Education to conference participants

on our Agency's mission, jobs (employment), and internship opportunities.

Digital Index of North American Archaeology (DINAA) - Open Context #309

<https://opencontext.org>

The DINAA project integrates archaeological site file data from across North America into a unified database, for use by scholarly, resource management, and public audiences. DINAA data are published through Open Context, an open access publisher of digital archaeological content from excavations, surveys, and collections worldwide.

Dino-Lite Scopes #500

<https://www.dinolite.us/>

Dino-Lite portable digital microscopes and eyepiece cameras provide high-quality microscopy at an effective price. The included software makes it easy to take snapshots, record videos, manipulate images, save, and email discoveries. Image and video can be recorded in PC, Mac, and mobile platforms. Some models can measure and more.

DirectAMS #600

<http://www.directAMS.com>

DirectAMS provides high-precision radiocarbon dating services for applications in Archaeology, Geology, Anthropology, Climate Science, Antiquities, and more!

**Dumbarton Oaks and
the Peabody Museum of
Archaeology and Ethnography
#602**

www.doaks.org and www.peabody.harvard.edu

Books by the Peabody Museum and Dumbarton Oaks advance the fields of art history, archaeology, and anthropology. The Peabody Museum publishes research in Old and New World archaeology, anthropology, and material culture, while Dumbarton Oaks focuses on archaeological, art-historical, and ethnohistorical approaches in Pre-Columbian Mesoamerica, Central America, and the Andes.

**Environmental Solutions &
Innovations Inc.
400**

<https://environmentalsi.com/>

The ESI team includes over 80 full-time archaeologists, scientists, and engineers with specialties ranging from architectural history to animal ecology to field archaeology to wetland science to regulations. For over 20 years, ESI has solidified its professional integrity while growing into a leading CRM authority through hard work and reputation.

**ERA Arqueologia S.A.
#907**

<https://www.era-arqueologia.pt/>

ERA provides specialized services in archaeology, conservation and restoration, and heritage management, as well as bespoke training services in its areas of expertise. Our highly skilled team integrates

several research projects in partnership with top universities. We will ensure the success of your heritage projects.

**European Association of
Archaeologists
#104**

www.e-a-a.org

The European Association of Archaeologists is a nonprofit, nongovernmental organization associating archaeologists and interested public from Europe and beyond. The EAA organizes Annual Meetings; publishes a journal, two monograph series, and a newsletter; and creates transnational Communities, Committees, and Task Forces. EAA acts as an advisory body on all issues relating to the archaeology of Europe, and participates in the professional events and activities throughout Europe.

**Geometrics
#802**

<http://www.geometrics.com>

Geometrics Inc., a subsidiary of OYO Corporation, has over 50 years of experience in manufacturing magnetic, seismic, and EM instruments for a variety of applications. From our land-based geophysical systems to our UAV-mounted MagArrow magnetometer, we manufacture equipment to meet our clients' ever-changing needs. Ask us how to simplify your search.

**Geophysical Survey Systems Inc.
#806**

<http://www.geophysical.com>

GSSI is the world leader in the development, manufacture, and sale of GPR equipment. Our cutting-edge products are used all over the world to explore the subsurface of the earth. GSSI created the first commercial GPR system 50 years ago and continues to provide the widest range and highest quality systems available today.

GMW Associates

#621

www.gmw.com

GMW offers Bartington's flux-gate Gradiometers and magnetic susceptibility commonly used for archaeo-geophysical prospection. The gradiometer range include the Grad601 single or dual sensor together with a nonmagnetic Cart system enabling large-scale surveys to be carried out. The 1m separation, combined with high-resolution provide high-resolution images of buried structure.

**Human Relations Area Files at
Yale University**

#509

<http://hraf.yale.edu>

HRAF produces scholarly resources and infrastructure for research, teaching, and learning, and supports and conducts original research on cross-cultural variation. eHRAF Archaeology is an award-winning online database covering the prehistory of a sample of archaeological traditions around the world.

**Institute for Canine Forensics
#300, 302**

<https://www.icfk9.org/>

The Institute for Canine Forensics helps you locate burials of your prehistoric ancestors or historic cemeteries for the purpose of preservation and construction mitigation by using highly trained and certified dog and handler teams.

**Institute for Field Research
#909**

<https://ifrglobal.org/>

The Institute for Field Research (IFR) is an independent, nonprofit, academic organization that fosters hands-on, experientially immersive field research training opportunities around the world. IFR breaks down traditional institutional barriers and provides peer-reviewed field schools to students regardless of where they matriculate.

**InTerris Registries / QLC Inc.
#503**

<http://www.interrisreg.org>

With the archaeological information system InTerris Registries (previously known as ArcheoLINK-Americas), project data, field data, artifact data, specialist data, curation data, photos, field and object drawings, measurements and cartographic data can be stored, managed, queried and analyzed for one or more archaeological projects. InTerris Registries also allows the use of hardware options such as barcode registration and communicating scales and calipers.

ISD LLC
#901, 903

<http://www.isdistribution.com>

ISD distributes books for a range of scholarly presses active in the broad field of archaeology.

The Mercury Series
#920

<https://press.uottawa.ca/en/search-results/?imprint=mercury-mercure>

Created by the Canadian Museum of History in 1972, the Mercury Series consists of peer-reviewed academic research, and includes numerous landmark contributions in the disciplines of Canadian History, Archaeology, Culture, and Ethnology. It is co-published with the University of Ottawa Press.

National Center for Preservation Technology & Training
#522

<https://www.nps.gov/subjects/ncptt/index.htm>

As the leading research, technology and training center within the National Park Service, we help preservationists find better tools, materials, and approaches to conserving buildings, landscapes, sites, and collections.

National Park Service Archeology Program
#623

<https://www.nps.gov/subjects/archeology/index.htm>

NPS archaeologists will be on hand to talk about archaeology across the National Park System. Find

information on jobs and internships, educational materials, and recent projects.

Native American Scholarships Silent Auction
#627, 629

<http://www.saa.org/scholarships>

The Native American Scholarships Fund fosters shared purpose and positive interaction between the archaeological and Native communities. Scholarships are awarded annually to support training in archaeological methods and undergraduate and graduate education, for Native peoples from the Americas, Alaska Natives, Native Hawaiians, and Indigenous Pacific Islanders who are students or employees of tribal cultural preservation programs. Proceeds from our Silent Auction go directly to scholarships support. Visit our booth to see the variety of goods you may bid on including used and new archaeology books, jewelry, crafts, and textiles!

Northwest Research Obsidian Studies Laboratory
#820

<https://obsidianlab.com/>

Northwest Research Obsidian Studies Laboratory offers a variety of different analytical services related to obsidian artifact trace element provenance (“sourcing”) studies and obsidian source studies, primarily in the context of archaeological research. We also provide obsidian hydration and 3D scanning of archaeological artifacts.

**Oxford University Press
#603**

<http://www.global.oup.com>

Oxford University Press is a publisher of some of the most respected and prestigious books and journals in the world.

**PaleoWest Archaeology
#720**

www.paleowest.com

PaleoWest is a solution-driven heritage consulting firm serving clients throughout the United States and internationally.

**Plateau CRM
#207**

Plateau CRM conducts archaeological and cultural resource contracting and consulting services in eastern Washington, northern Idaho, and eastern Oregon. Our clients include federal and state agencies, counties, municipalities, utilities, engineering firms, and private organizations.

**Register of Professional
Archaeologists
#521**

rpanet.org

The Register of Professional Archaeologists is a community of professional archaeologists. Our mission is to establish and adhere to standards and ethics that represent and adapt to the dynamic field of archaeology and to provide a resource for entities who rely on professional archaeology services. Come to our booth to learn more about the Register, and chat with our team!

**Rowman & Littlefield/Lexington
Books**

#401

<https://www.rowman.com/>

Rowman & Littlefield is based outside of Washington, DC. An independent publisher for 73 years, our publishing program includes nonfiction, textbooks, academic scholarship and reference, and professional titles, as well as co-partnerships with associations, societies, and professional organizations.

**SENSYS - Sensorik & System
Technologie GmbH**

#608

<https://sensysmagnetometer.com/>

Geo-magnetic field survey devices using high precision Magnetometer Fluxgate and RTK DGPS solutions to map entire landscapes and generate a magnetic footprint.

**Society for Historical
Archaeology**

#526

<https://sha.org>

The SHA is the largest scholarly group concerned with the archaeology of the modern world (AD 1400–present). SHA promotes scholarly research and the dissemination of knowledge concerning historical archaeology and is specifically concerned with the identification, excavation, interpretation, and conservation of sites and materials on land and underwater.

**Statistical Research Inc.
#408**

<http://www.sricrm.com>

SRI, a woman-owned, full-service CRM firm, conducts projects nationwide and develops practical, innovative heritage management solutions for our clients that balance economic development with preservation mandates and incorporate cutting-edge interdisciplinary programs in geo-spatial technology, data management, modeling, and cultural landscape studies. Visit our booth to learn about becoming part of our team.

**Texas A&M University Press
#721**

<http://www.tamupress.com>

Texas A&M University Press is a leading publisher of North American prehistoric anthropology and archaeology as well as ancient and historical nautical archaeology. Cooperating with the Center for the Study of the First Americans and the Institute for Nautical Archaeology, both located at Texas A&M, we eagerly collaborate with leading scholars.

**Thames & Hudson
#800**

<https://www.thamesandhudsonusa.com>

Thames & Hudson is the global market's preeminent publisher of illustrated books. Our catalog of beautifully printed volumes includes widely respected titles and textbooks in archaeology, ancient history, and classics. We are distributed in the United States and Canada by W.W. Norton & Co.

Twin Cairns & Center for Field Sciences

#307

<https://twincairns.com>, <https://www.fieldsciences.org>

Twin Cairns is a CRM job posting website; Center for Field Sciences is a global operator of archaeology field schools.

**University College London (UCL) Institute of Archaeology
#1006**

<http://www.ucl.ac.uk/archaeology>

UCL Institute of Archaeology is one of the largest centers for archaeology, cultural heritage, and museum studies in Britain offering a wide range of Masters degrees and PhDs. Founded in 1937, and based in the heart of London, the Institute is recognized for the excellence of its teaching and student experience.

**University of Alabama Press
#808**

<http://www.uapress.ua.edu>

The University of Alabama Press publishes rigorously peer-reviewed books that make profound contributions in southeastern, midwestern, New England, Mid-Atlantic, Caribbean, Latin American, maritime and underwater, food and foodways, and restorative justice archaeology.

**University of Arizona Press
#607, 706**

<http://www.uapress.arizona.edu>

The University of Arizona Press is the premier publisher of academic, regional, and literary works in the state of Arizona. We disseminate

ideas and knowledge of lasting value that enrich understanding, inspire curiosity, and enlighten readers.

**University of Chicago Press
#708**

<https://www.journals.uchicago.edu>
The University of Chicago Press is honored to publish leading archaeology journals including the *American Journal of Archaeology*, published on behalf of the Archaeological Institute of America, and the *Bulletin of ASOR*, the *Journal of Cuneiform Studies*, *Maarav*, and *Near Eastern Archaeology*, all published on behalf of ASOR.

**University of Exeter
#501**

<https://archaeology.exeter.ac.uk/>
Providers of PhDs and Masters by Research, MScs in Bioarchaeology (Zooarchaeology, Human Osteology, Forensic Anthropology) and Experimental Archaeology, MAs in Archaeology, Roman Archaeology, Medieval Studies. Exeter is a World Top 150 University situated in a historic cathedral city of Roman foundation in the beautiful Southwest of England.

**University of New Mexico Press
#902**

<http://www.unmpress.com>
The University of New Mexico Press is a well-known and respected publisher in the fields of anthropology, archaeology, Indigenous studies, Latin American studies, and the history, literature, ecology, and cultures of the American West.

**University of Pittsburgh Center
for Comparative Archaeology
#700**

<http://www.comparch.pitt.edu>
Pitt's Center for Comparative Archaeology publishes open-access, bilingual monographs of archaeological research, and makes fully-documented research datasets available online in the Comparative Archaeology Database. We also distribute books and journals from Latin America. Inquiries from prospective authors are welcome.

**University of Texas Press
#601**

<http://utpress.utexas.edu>
The University of Texas Press invites attendees of the Society for American Archeology's annual meeting to explore new and recent publications on classics and the ancient world on-site and online. Attendees save 30% on all titles through April 30, 2023 using code UTXSAA.

**University of Utah Press
#707, 709**

<http://www.uofupress.com>
Visit our booth and see our new archaeology and anthropology books! 35% off all of our books with the code SAA35 either online at www.uofupress.com or for orders placed at the conference. Have a manuscript you want published? Talk to our acquisitions editor!

**University Press of Colorado
#702**

<http://www.upcolorado.com>

The University Press of Colorado is a refereed scholarly publisher with well-respected lists in Mesoamerican, North American, South American, and Near Eastern Archaeology. We welcome submissions of monographs, edited volumes, and classroom texts dealing with archaeological research in these regions as well as topical volumes situated in a global context.

**University Press of Florida
#703**

<http://www.upress.ufl.edu>

The University Press of Florida publishes award-winning titles in archaeology, bioarchaeology, and anthropology with a focus on the Southeast, the Caribbean, and Central and South America. Visit our booth for discount prices on our titles.

**Warm Springs GeoVisions
#527**

<https://www.wsgeovisions.com/>

GeoVisions combines traditional, ecological, and cultural knowledge with professional academic training to provide a more holistic and informed context for environmental and cultural resource management throughout the Pacific Northwest.

CRM Expo Directory

The CRM Expo is jointly sponsored by ACRA and the SAA. Scheduled **between 12:00 p.m. and 3:00 p.m. on Saturday, April 1**, in Exhibit Hall A, Oregon Convention Center, the expo showcases CRM practitioners and training programs. This is an excellent opportunity to meet firm principals and educators, learn about employment and training opportunities in CRM / heritage management, and hear about important CRM projects in your region. Look for the complete list on the meeting website.

AECOM Cultural Resources Department

AINW

Association of Washington Archaeology (AWA)

Binghamton University MA in Public Archaeology / Cultural Resource Management

Bonneville Power Administration

Cultural and Heritage Resources Management Program, Department of Anthropology, University of Maryland

Cultural Resource Analysts Inc.

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Committees and task forces are key to how SAA operates. Many committees research issues related to their committee charge in order to make policy recommendations to the SAA's Board of Directors. Some committees make the case for archaeology to the media, the public, and government agencies. In 2022, the SAA gave more than \$100,000 in scholarships, grants, and awards to help our profession become a more diverse cohort and to honor excellence. In short, there is very little that the board does that does not start with the recommendations of its advisory committees. The application for committee service will become available to members each Fall. Please email membership@saa.org with any questions.

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