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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, 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 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
Program of the 88th Annual Meeting

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 soils. 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.

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**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.
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 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
Any 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. Schriner
Eric Austin Schroeder
Carol A. Schultze
Tara Skipton
Andrew D. Somerville
Debora C. Trein
Cameron Walker
V. Camille Westmont
Adam S. Wiewel
Katherine Wilson

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Virginia L. Butler

Committee Co-Chair
Shelby L. R. Anderson

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Julia Cleary
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Aaron Hood-Foster
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Virginia Park

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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.
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, Kurly 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

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

E-mail: saasafemeeting@gmail.com

[https://www.saa.org/safe](https://www.saa.org/safe)
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 Molllel, 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 ■ ISOTOPIC 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

*(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  
Ellyson 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 (16SJ80), 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 ARCHAEOMETRY 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 Tushingham—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: Geochemoical and Mineralogical Characterization
9:45 Lane Fargher and Ricardo Antorcha-Pedemonte—An Archaeogeochemical 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 Chavin 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

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


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-Arajd, 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 Rocío 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
Program of the 88th Annual Meeting  Thursday Morning, March 30

[12]  **SYMPOSIUM  POLITICAL ECONOMIES ON THE ANDEN 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 Díaz 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 Marcone—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-Garcia—Análisis morfológico y químico de escorias de cobre del sitio Jícalán Viejo, en el Occidente de México

9:00 Andrés Francisco Sánchez Guerrero, Blanca Maldonado, David Larreina-Garcia, Luis Velázquez-Maldonado and Fernando May—Arqueometallurgy and Productive Processes: Understanding Copper Smelting Production in the Prehispanic and Colonial Site of Jícalán, Michoacán, Mexico

9:15 Luis Velázquez-Maldonado, Berenice Pedroza, David Larreina-Garcia, Mario Retiz-García and Blanca Maldonado—Acumulación de metales y procesos tecnológicos vinculados a las escorias presentes en el sitio arqueológico de Jícalán Viejo

9:30 David Larreina-Garcia and Blanca Maldonado—Extracting Copper from Sulphidic Ores: The Jícalán Viejo Smelting Site

9:45 José May-Crespo, David Larreina-Garcia, 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 Jícalán 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 Jícalán, 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 Jícalán 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, Briese 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 Halfman, 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’ Xdalth’i’ Site in Central Alaska
9:15 Ted Goebel, Angela Gore, Jeffrey Rasic and Kelly Graf—Late Pleistocene Technological Organization at Shég’ Xdalth’i’, 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 Natael 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 Gerard 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, Gerard 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 Callejón 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 Tanambelo 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 Kennet—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-Riñcon, 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 Fénix, Mexico

10:30 Marieka Brouwer Burg, Eleanor Harrison-Buck and Samantha Krause—Problematising 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

Symposium: Public Lands, Public Sites: Research, Engagement, and Collaboration

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 Gannell—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 Jaille-Wendling 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


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-Yrízar, 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 Falcucci 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 (16OU175) 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-T'oh Relationship circa AD 1750
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, Chuna 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:


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-Uribe—Architectural Conservation at Cuetlajuchitlán, 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 Rosenberg and Arturo Rivera l.—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 Íñaki Intxaurbe—Taste for Color in Basque Land during the Paleolithic: New Approach for Description of Social Organization during the Gravettian
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, Jaroslav Zralka and Jaime Awe—Regional Spheres of Gameplay: A Preliminary Comparative
Analysis of Patolli, a Mesoamerican Board Game

28-h Madison Drew—An Analysis of Mimbre 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 Messinger, 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 Singleton 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 Martinioia 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 Yang 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 Allshouse, 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 Díaz, Sarah Baizel, 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 Bezlauki, Medieval Prussia

30-h Hayden Bassett, Damian Koropeckyj, 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

**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 João 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 Endarova—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: Jaroslaw Zralka

Participants:

10:15 Arkadiusz Maciej and Marcin Blaszczyk—Architecture and Conservation Works at Chajul

10:30 Katarzyna Radnicka-Domiak—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 Felíu 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 1, 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 Ozbun—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** ARCHAELOGICAL 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-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


[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-b Christopher Noll—An Evaluation of Olcott Biface Production

42-c Allison Sabo, Daniel Koski-Karell and William Pestle—Por Que (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-W-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 Kaʻūpūlehu
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 SMT3873, 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, Serafin Gomez Luna and Fernando Zuleta—La Iglesia de Osicala: A Church on the Northeastern Frontier of Colonial El Salvador

44-j  Christopher Donnermeyer, Britteny 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—$^{86}$Sr/$^{87}$Sr 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 Holli 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 on 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 Laklãnõ-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
2:45 Daniel Hampson—Living on the Spine of the World: Placemaking at Early Community Centers, Rincon, UT

[47] Symposium on 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 Ljubičevo 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 (δ^2H and δ^18O) 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
2:30  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 (14C) “Wiggle-Matching” in the Southwest/Northwest
3:00  Emily Lena Jones—Discussant
3:15  Brian Kemp—Discussant
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

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”
3:30 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 Martinez 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 Rio 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-Baikla, 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:

1:15  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


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 Gasparian, Katie Preece, Mark Sier and Keith Wilkinson—Early Pleistocene Hominin Evolution and Landscape Evolution in the Armenian Highlands

1:30 Daniel Adler, Keith Wilkinson, Jenni Sherriff, Mark Sier and Boris Gasparian—The Early–Middle Pleistocene Settlement of Northern Armenia

1:45 Hayk Haydosyan, Artur Petrosyan, Dimitri Arakelyan, Phil Glauberman and Boris Gasparian—The Paleolithic Archaeology of Shirak Province (Armenia)

2:00 Boris Gasparian, Keith Wilkinson, Ellery Frahm, Jenni Sherriff and Daniel Adler—Nor Geghi-1 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—Pghavan-4: A Middle Paleolithic Open-Air Site in the Debed River Gorge, Armenia
2:45  Tanner Kovach, Yannick Raczynski-Henck, Ellery Frahm, Artur Petrosyan and Daniel Adler—Organization of Technology at Solak-1, 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 on 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
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 Chloë 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 Ozório 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 Precolombial 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 Boundaries 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 (Cauixí) 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 (lluga 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 Pre Columbian 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
1:30 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 Futty, 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


3:30 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.

**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 Agusto 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.

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
4:30 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:**
3:30 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 Lazazzera 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:**
3:30 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 Hrncir—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

**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

**Symposium: Archaeological Studies of Human-Environment Relationships Part I**

**Room:** B111  
**Time:** 3:45 p.m.–5:00 p.m.  
**Chair:** Ian Beggen  

**Participants:**
4:00 Sean Hixon, Alejandra Domic, Kristina Douglass, Patrick Roberts and Douglas Kennett—Cut-Marked Bone of Drought-Tolerant Extinct
Megafauna 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, Hawaii 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, Briece Edwards, Jeremy Johnson and Michael Lewis—Technology Compilation in View
69-l Leszek Pawlowicz—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 Georgouses—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-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 Mida 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 Ohanpecosh Area, Mount Rainier National Park

72-j  Cheryl Pouley, Michael Lewis, Christopher Bailey, Briese 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 Scharbaub, 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 Otsárola-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 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 Panaulauca Caves, Junin, Peru

74-d Paul Gerard, Mark Tveskov and Scott Fitzpatrick—Establishing a Chronology for the Fort Point Site (35CU11) 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 Waithen, 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-e Zachary 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 Yennifer 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 Civituk, 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 Cochuah 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 Bemmann—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 41AN162, 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—Craefting 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


9:45  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 Kovacevic—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 Zygadlo—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: Domenique Sorresso and Anthony Farace

Participants:
8:00 Domenique 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
9:45  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 Kistelinski, 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

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
8:30 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 Ermigotti, Mark Varien, Grant Coffey, Stewart Koyiyumptewa and Leigh Kuwanwiswima—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 Kuwanwiswima—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

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
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, Mika el 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
9:45 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 Ethnobiaachaeology to Reveal the Caballito de Totora-Body-Fish-Sea Assemblage in Ancient Huanchaco, Peru

11:00 Nelson Aguilera, Albert Garcia-Piquer and Raquel Pique—Kanëi: 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 Váquez López, Felix Kupprat, Kathryn Reese-Taylor and Armando Anaya Hernández—Political Regimes at Calakmul “Writ Large”

10:15 Arthur Demarest—Regimes and the Classic Maya Market Economy

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 Xcalumkin (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 Co’oji-Ren—The K’ab’awil, or Protective Deities, of the Maya Highlands: Symbols of Identity and Political Integration
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


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
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


9:30 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: Kilusiktok 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.

**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 Asphalitic Faunal Remains
100-d Daniela Hernández Sariñana, Luis Barba Pingarrón and Agustín Ortíz 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-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 Aztatlán 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 Rio 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 Manganism 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 Paleopathological 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 ARCHAEGAMING 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
Program of the 88th Annual Meeting  
Friday Morning, March 31

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

**Participations:**
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  
- Stéphane 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 Rridged 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  
11:45 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 Biever 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.
Chairs: 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 Hokfu-Mocye 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
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.

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
11:30 Jon Spenard, Michael Mirro, Javier Mai, Konane Martinez and Franklin Quiros—Extracting the Proverbial Bedrock of Society: A Report on Pre Columbian 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 DeMarco, 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


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 Curação’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 G1 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 Iribe—Defending Hilltops: Terraced Landscape Creation during Periods of Prehispanic Warfare

123-d Brendan 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-c Alyssa Bader, Aimée Carbaugh, Lauren Hosek and Krystiana Krupa—Interact! How Do Archaeologists “Care” for Human Ancestors’ Remains?
124-d Ece Eral—Collaborative Indigenous Archaeology in Turkey: The Sardis Case
124-e John Pryor and Michael Youngblood—California Tribal Unilateral Apprenticeship Program (CTUAP)
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 Jaxon 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

SYMPOSIUM ARCHAEOLOGY 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 Rio 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
2:30 Joseph Dober, Rachel Cajigas, Alexandre Tokovinine, Aura Barrientos and Francisco Estrada-Belli—Magnetic 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
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 Randee 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

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 McIlknap—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
3:00 Brett Houk and Brooke Bonorden—Chicle and the San Pedro Maya of British Honduras

SYMPOSIUM: HEARTHS, 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 Thomas's Legacy
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
2:30 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, Kassandra 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
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

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 Institutionality of Archaeology
1:15 Laurie Rush—NAGPRA vs. Northwestern: It’s Personal
1:30 Pierre Desrosiers, Doug Ojdick, 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 Gittelhough—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

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, Gienna 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: B112
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 Keishman and Jean Pike—Analysis of a Bayesian Network Methodology for Site Similarity Assessment

1:30 Jesse Wolfhagen—Cyclical Regression Modeling of δ18O 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 Deele—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 HUARMAY, PERU**
**Room:** A107
**Time:** 1:00 p.m.–4:00 p.m.
**Chairs:** Milosz Giersz, Weronika Tomczyk and Patrycja Przadka-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 Przadka-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 Wieslaw 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: B115
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 Yépez—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
1:30  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, Galymzhin 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
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 Karapandzhich—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

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 suqʷabsʷ 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

FORUM NUMU; NEME; NEWE; WAŠIŠW: 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

**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

**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 Sigafous, Jeffrey Blomster and Victor Salazar Chávez—Dogs, Diners, 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:**
- Gerad Smith—Exploring the Antiquity of the Dene Potlatch in Interior Alaska
- Jesse Brown—Reconstructing the Habitual Workspaces of a Middle Caddo Period Structure at Site 41FN244
- 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)
- Christina Rieth—The Archaeology of Schoharie Creek III Site, Schoharie County, New York
- Meghan Caves—Privy to the Details: Biographies of the Teager/Weimer Site (45SN409) in Arlington, Washington
- Kelsey Sullivan and Kenichiro Tsukamoto—Preliminary Results of Household Excavations at the Lithic Production Community of Took’ Witz at El Palmar, Mexico
- 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:**
- 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
- Otar Berikashvili—New Archaeological Data from “Ortvala Cave” (Multilayer Cave Complex from Georgia, South Caucasus)
- César Méndez and Amalia Nuevo-Delaunay—Tackling the Early Holocene Record in Patagonia
- J. M. Adovasio—Meadowcroft Rockshelter 2023: Revisit
- 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 Baitinger—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, Marlize 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 1, 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 & C 121, 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.

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[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

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[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 Calixtluhuaca 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 Pengilley 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 on 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 on 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 Karkanas, 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, Krystyne 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 Kastra 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 Eisenraut—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, Brittaney 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 Preclassic-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: DNA 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 Síi Túupertak, 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 Maria 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 Hoggart 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 IN ARCHAEOLOGICAL SCIENCE AND AFRICAN ARCHAEOLOGY: APPRECIATING THE IMPACT OF DAVID KILLCICK

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


11:00 Philip de Barros—Mapping Archaeological Smelting 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


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 Abdolahzadeh—To What Extent Is the Concept of Convergence Applicable to Lithic Technology: An Overview


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 Scaper 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
(Sponsored by the NEH Spatial Archaeology Residential and Online Institute)
Room: B114
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
Program of the 88th Annual Meeting  Saturday Morning, April 161

9:00 Benjamin Schoville—Unmodified Cobbles and Boulders from the Middle Stone Age Occupation of Witberg 1, 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.

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 Ozbun—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 Vetr Isano—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 Je Anne 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


11:30 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 Tzi’ 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 Solis—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

(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


9:45 Michael Nielsen, Christian Koch Madsen, Aka Simonsen and Else Bjerge—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 Juliussón—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
10:45  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)

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, Tsing 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/MIs 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 Maní, 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 Souton—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-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 Bisono—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 Edmondsen, 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’akaymu

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-p Kalyan Sekhar Chakraborty, Andrew Roddick, Martin Scott and Adrianne 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
10:45  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

[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
11:45  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
11:30  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
FORUM (RE)CONSIDERING THE ENTRADA: THIRTY YEARS ON FROM PROSKOURIACKOFF’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

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

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)
11:30 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 Joshuah 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 Osores 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 (SMT765), 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

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 Auclilla 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—Morhiss 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 Rodriguez 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 U9:173(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

*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
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

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 Torrrescano-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:** B117
**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—I’a, Loko, and Loko I’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 Māʻōhi 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, Aleka 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


(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 Vogesser 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
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

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 Shiniu 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, Shiniu 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 on 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

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

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 Dadiego 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


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 Daggers—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 Martinez-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
3:30 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
4:30 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

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 Garett 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

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 Habeom 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 Ihong 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 Hyyounggon Bae—Faunal Remains and Subsistence Economy of the Gungokri Shell Midden Site (ca. Third Century BCE to Fifth Century CE)

3:30 Sungjoo Lee, Jiyoon Lee and Jinwoo Kim—Is 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

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 IN HONOR OF DOLORES PIPERNO
(Sponsored by the Fryxell Award, SAA)
Room: B114
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? Preceramic 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, Claire 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 Schriner—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

9:30  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
Symposium: Experimental 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.)

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 Curacao

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

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 Wahy: 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 Código Maya de México (Grolier) Controversy
11:00  David Stuart—Discussant

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
8:30  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 Jambrina-Enríquez, 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 Dragan 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 Nenadić 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 Gambrill 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 Castillo, 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 Josué 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

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 Burtt 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 Tseshaht 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 Turkenistan 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 Mendugo, 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
10:30 Marion 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 Fraktown 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 Kanezaki, 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 Krzepkowski 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 Krzepkowski—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 Krzepkowski—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 (δ⁶⁶Zn) to Track Different Types of Plant Consumption
11:30  Zineb Moubtahij, Benjamin Fuller, Adeline Le Cabec and Klervia Jaouen—Multi-isotopic Investigation of Late Pleistocene Human Diet from the Site of Taforalt, Morocco
11:45  Kirsten Lopez—Successful Sourcing of Plant Material from Paisley Caves, Oregon: Results
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 Burtt
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)
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

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

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)

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 Osores Mendives
2021 Kodiak Aracena Delgadillo
2022 Alexis Rodríguez Yábar
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
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 Mayro  
2005  Arizona Site Steward Program  
2007  George Smith  
2008  John Walthall  
2009  Mike Beakes  
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 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  

**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
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 archae-
ology courses at any level, to reward
individuals or institutions that
develop excellent examples of such
curricula, and to promote the shar-
ing of ideas and materials relating to
these efforts.

2022 M. Kathryn Brown

DIENJE KENYON MEMORIAL
FELLOWSHIP

The Dienje Kenyon Memorial Fel-
lowship 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 Espy
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 MacIntosch
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

DISSEETATION 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 Higueras 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 Dadiego (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
1980 Charles Robert McGimsey III
1981 Gordon Randolph Willey
1982 Albert Clanton Spaulding
1983 Jesse David Jennings
1984 Hannah Marie Wormington
1985 James Bennett Griffin
1986 Waldo R. Wedel
1987 Emil Walter Haury
1988 William A. Ritchie
1989 Nathalie F.S. Woodbury
1990 George Irving Quimby
1991 Fred Wendorf
1992 Douglas Schwartz
1993 John E. Yellen
1994 George J. Gumerman
1995 Hester A. Davis
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
2008 Deanna Grimstead
2009 Samuel Duwe
2010 Matthew Peeples
2011 William Reitze
2012 Joshua Watts
2013 Katherine Dungan
2014 Christopher W. Merriman
2015 Saul L. Hedquist
2016 Jacob Lulewicz
2017 Katelyn Bishop
2018 Reuven J. Sinensky
2019 Megan Anne Conger
2020 Emily Kate
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.

1977 C. Vance Haynes
1978 Peter J. Mehringer
1979 James B. Griffin
1980 Karl W. Butzer
1981 David J. Baerreis
1982 John E. Guilday (posthumous)
1983 Richard T. Saucier
1985 Donald K. Grayson
1986 Paul W. Parmalee
1987 Richard I. Ford
1988 David M. Hopkins
1989 Joseph B. Lambert
1990 Reuven J. Sinensky
1991 Garman Harbottle
1992 Richard Yarnell
1993 Herbert E. Wright Jr.
1994 Elizabeth S. Wing
1995 Robert J. Braidwood
1996 R.E. Taylor
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 Oscar Polaco Ramos
2005 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 Elizabeth J. Reitz
2016 David Hurst Thomas
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)
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

2015  Gabriel Sanchez
  Dania Jordan
  Sameen Mansoor

2016  Milena Carvalho
  Danielle Huerta
  Raghda El-Beilhaedi
  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

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.

**HISTORICALLY UNDERREPRESENTED GROUPS SCHOLARSHIP**
The SAA Historically Underrepresented Groups Scholarship (HUGS) helps increase the number of underrepresented minorities obtaining
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
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 HAWAIANS
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  
Robert 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 Burtt
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 Laluk
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

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 Cochrane, Julie Field & Diana Greenlee (Student)
James Feathers, Jack Johnson & Silvia Kembel (Prof.)
2006 Ruth Dickau (Student)
Robert Hard, Cynthia Muñez & 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 Reinhart
    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
     Susan B. Bruning
     Paul Minnis
     Jonathan Muller
     Barbara M. Arroyo
     Tomas Enrique-Mendizabal
     Archibold
     Christopher D. Dore
     Daniel H. Sandweiss
     Susan Kane
     Cori Wegener
     Tim Melancon
     Serena Bellew
     Deborah L. Nichols
     Christopher A. Pool
     Gabriela Uruñuela y Ladrón
de Guevara
     Willem Willems
     Frederich (Fritz) Luëth
     Jane Eva Baxter
     Brian I. Daniels
     Salam al-Kuntar
     Anibal Rodriguez
     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 Archaeology 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
1988 Rep. Charles E. Bennett
1989 Sen. Peter V. Domenici
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
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)
2002  Christopher Morehart
2003  Devin Alan White
2004  Briana L. Pobiner & David R. Braun
2005  Elizabeth Horton & Christina B. Rieth
2006  Metin I. Eren & Mary E. Prendergast
2007  Scott Ortman
2009  Michael Mathiowetz
2010  John M. Marston
2011  Melanie Beasley
       Jack Meyer
       Eric J. Bartelink
       Randy Miller
2012  Sean B. Dunham
2013  Bryn Letham
       David Bilton
2014  G. Logan Miller
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
Diamond Jeness 1936–1937
A. V. Kidder 1937–1938
Edgar B. Howard 1938–1939
Neil Judd 1939–1940
W. C. McKern 1940–1941
Glenn Black 1941–1942
Nels C. Nelson 1942–1943
Emil W. Haury 1943–1944
J. Alden Mason 1944–1945
Carl E. Guthe 1945–1946
Frederick Johnson 1946–1947
Douglas S. Byers 1947–1948
Waldo R. Wedel 1948–1949
J. O. Brew 1949–1950
Frank Roberts Jr. 1950–1951
James B. Griffin 1951–1952
Irving Rouse 1952–1953
Gordon F. Ekholm 1953–1954
Robert Wauchop 1954–1955
W. Duncan Strong 1955–1956
William A. Ritchie 1956–1957
George I. Quimby Jr. 1957–1958
Richard B. Woodbury 1958–1959
Jesse D. Jennings 1959–1960
Erik K. Reed 1960–1961
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
Stuart Struever 1975–1976
Cynthia Irwin Williams 1977–1979
Fred Wendorf 1979–1981
George C. Frison 1983–1985
Don Fowler 1985–1987
Dena Dinaeuze 1987–1989
Bruce D. Smith 1993–1995
Vincas P. Steponaitis 1997–1999
Keith W. Kintigh 1999–2001
Robert L. Kelly 2001–2003
Lynne Sebastian 2003–2005
Dean R. Snow 2007–2009
Margaret W. Conkey 2009–2011
W. Frederick Limp 2011–2013
Diane Gifford-Gonzalez 2015–2017
Susan M. Chandler 2017–2019
Joe E. Watkins 2019–2021
Deborah Nichols 2021–2022
Dan Sandweiss 2022–2024
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.

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 A1 (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.

Poster Sessions
Exhibitor Directory

**American Cultural Resources Association**

*#722*

[https://acra-crm.org](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](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.

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**Poster Sessions**

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**Entrance**

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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.bhffieldschool.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/sclus/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 avocationals 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](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](http://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](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**  

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/](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.

InT erris Registries / QLC Inc.  
**#503**  
[http://www.interrisreg.org](http://www.interrisreg.org)

With the archaeological information system InT erris 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. InT erris 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 geospatial 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
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 Archaeology’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.

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