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87th Annual Meeting

March 30–April 3, 2022
Chicago, Illinois

Society for American Archaeology
The SAA 87th Annual Meeting print program is graciously funded by William D. Lipe, RPA.

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Land Acknowledgment

Thank you to the Local Programming Committee and the Committee on Native American Relations for their hard work on this statement.

The SAA acknowledges that Chicago, the host city for the 2022 Annual Meeting, resides on the traditional homelands of the Three Fires Confederacy: Anishinaabeg (Ojibwe), Bodéwadmik (Potawatomi), and Odawak (Odawa); and of the Asâkiwaki (Sauk), Baxoje (Iowas), Hoocąk (Winnebago/Ho’Chunk), Inoka (Illini Confederacy), Jiwere (Otoe), Kiash Matchitiwuk (Menominee), Kiikaapoi (Kickapoo), Meshkwahkiha (Meskwaki), Myaamiaki (Miami), Nutachi (Missouria), Peeyankihšiaki (Piankashaw), and Waayaahtanwaki (Wea).

It is first important to recognize the displacement of these and other Indigenous peoples of the Chicagoland region. This area has long been a place for Indigenous groups to gather and connect. Indigenous peoples resided here beyond the memory of more recent settlers, and their descendants are alive and strong. Historically, Chicago was a center where many Indigenous people traveled great distances in order to trade. The trails Indigenous people traveled laid the foundation for present-day roads and highways within the Chicago area. Indigenous people enable the Chicagoland area to thrive. Today, Chicago is home to one of the largest urban American Indian communities in the United States, and Illinois is home to over 100,000 tribal members.

The SAA respects the many original peoples throughout the Americas and the world and is committed to redressing global inequities in archaeology through its scholarly activities and through collaboration with Indigenous peoples. As a discipline founded on colonial practice and control, member archaeologists and anthropologists shall endeavor to work with and include the voices of all peoples and identities, particularly of those who were once and continue to be the subject of colonization. We commit to being allies with Indigenous peoples, minorities, and willing nations to protect the cultural heritage of all peoples.
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.

Attendee Health and Safety

* 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.
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](https://www.saa.org/annual-meeting/meeting-policies/meeting-safety-policy)

To read about and meet the 2022 Ombuds, please go to page 10.

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 Individual’s 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.**

**Contact the Ombuds / Contacta el Ombuds**

Phone/Teléfono: 805-500-6963, or in their office / o en la oficina (Boulevard Coat Check)

E-mail: saaombuds@gmail.com

www.saa.org/ombuds
Information on Ombuds
How to Contact the Ombuds

Ombuds e-mail: saaombuds@gmail.com
Ombuds phone: 805-500-6963

The ombuds will be available for face-to-face meetings at the annual meeting in the Boulevard Coat Check Room during the following hours:

- **Wednesday, March 30:** 6:30 p.m.–8:30 p.m.
- **Thursday, March 31:** 8:00 a.m.–12:00 p.m. and 1:00 p.m.–6:00 p.m.
- **Friday, April 1:** 8:00 a.m.–12:00 p.m. and 1:00 p.m.–5:00 p.m.
- **Saturday, April 2:** 8:00 a.m.–12:00 p.m. and 1:00 p.m.–5:00 p.m.
- **Sunday, April 3:** 8:00 a.m.–12:00 p.m.

Meet the 2022 Annual Meeting Ombuds

**David, University of California, Santa Barbara**
David Rasch is an associate ombuds at the University of California, Santa Barbara. David received his BA in philosophy from Colgate University and a PhD in counseling psychology from the California Institute of Integral Studies. He recently retired from Stanford University, where he served as university ombuds for 14 years. Prior to his work as an ombuds, he was director of Stanford’s Faculty/Staff Counseling Center. David served for six years on the board of directors for CO-OP, which oversees the testing and certification process for the organizational ombuds profession. David also teaches workshops and consults with academic authors on improving writing productivity and overcoming procrastination. He served as the conference ombuds at the 2017 and 2019 American Political Science Association Annual Meetings and at the 2020 APSA Teaching and Learning Conference. He lives in California.

**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.
Annual Business Meeting and Awards Presentation

Friday, April 1, 2022

The Annual Business Meeting will take place in the Grand Ballroom.

4:00 p.m. **Call to Order**

Call for Approval of Minutes of the 2021 Annual Business Meeting

**Remarks**

President Deborah L. Nichols, RPA

**Reports**

Treasurer Stephen E. Nash, RPA
Secretary Kelley Hays-Gilpin
Executive Director Oona Schmid

**Presentation of Awards**

Presidential Recognition Awards
Gene S. Stuart Award
2021 Archaeology Week Poster Awards
Student Travel Prize sponsored by the *Journal of Archaeological Science* and Elsevier
Student Poster Award sponsored by Cambridge University Press
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
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
Award for Excellence in Latin American and Caribbean Archaeology
Excellence in Public Archaeology Programming
Outstanding Public Archaeology Initiative 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
Lifetime Achievement

New Business
Ceremonial Resolutions

5:30 p.m. Adjournment
2022 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.

Public Service Award
Recipient: Secretary Deb Haaland, Department of the Interior
As a member of Laguna Pueblo and the first Native American woman to serve as a US cabinet secretary, the SAA recognizes Secretary Deb Haaland’s deep commitment and many contributions to cultural heritage.

Presidential Recognition Award
Recipient: Bylaws Committee: Patricia A. Gilman (chair), Kyle Bocinsky, Lynne Sebastian, and Vincas P. Steponaitis
For their thorough and thoughtful work updating the SAA bylaws, the foundation of the association’s governing document.

Presidential Recognition Award
Recipient: Sissel Schroeder
In recognition of her leadership as chair to organize the annual meeting program, including implementation of new virtual components and adherence to the SAA’s Principles of Ethics.

Presidential Recognition Award
Recipient: Patrick Ryan Williams
In recognition for his leadership of the local programming committee for Chicago and work with local Indigenous leaders and arrangements with the Field Museum for SAA members.

Gene S. Stuart Award
Recipient: Elizabeth Evitts Dickinson
For her excellent article “The Desecrators” in the Washington Post Magazine’s July 18, 2021, issue that describes histories of grave disruption, looting of archaeological sites, and the legal and ethical consequences of those activities.

2021 Archaeology Week Poster Awards
Recipients: 1st Place, Kentucky; 2nd Place, Wyoming; 3rd Place, Alaska
Student Travel Prize sponsored by the Journal of Archaeological Science and Elsevier

**Recipients:** Marieke Ivarsson-Aalders and Carlos López-Puértolas

Marieke Ivarsson-Aalders has won for her paper “Finding the Adolescents of the Viking Age: Bioarchaeological Perspectives toward Adolescence on the Island of Gotland, Sweden.” This paper is part of a symposium titled “Small Adults or Big Kids Exploring Archaeological and Bioarchaeological Approaches to Adolescence.”

Carlos López-Puértolas has won for his paper “Understanding the Pigment Production System at Teotihuacan: An Approach from the Archaeology of Color.” This paper is part of a symposium titled “Palettes of the Past: Archaeology of the Extraction, Production, Exchange, and Use of Pigments” sponsored by the Prehistoric Quarries and Early Mines Interest Group.

Dienje Kenyon Memorial Fellowship

**Recipients:** Katherine Morucci and Anubhav Preet Kaur

Katherine Morucci’s dissertation work at University of California, Davis, focuses on the introduction of infectious livestock disease by the Spanish during their colonization of Peru. Using innovative methods of histopathological analysis of mummified camelid soft tissue, Ms. Morucci is exploring the role of introduced sheep mange in the collapse of wild and domestic camelid populations after AD 1532. This collapse had a profound effect on the ecological and economy of the Andes, and continues to have implications for current conservation efforts. Her work represents an exciting new path in zooarchaeology and the study of Andean societies. (University of California, Davis)

Anubhav Preet Kaur’s dissertation work at the Indian Institute of Science Education and Research focuses on understanding the human-animal-environment interface 2.58–0.63 million years ago in the Siwalik Hills north of Chandigarh. This area was the likely migration route through south Asia for *Homo erectus*, and her work has the potential to greatly increase our knowledge of that critical period in human evolution. (Indian Institute of Science Education and Research)

Fred Plog Memorial Fellowship

**Recipient:** Kelsey E. Hanson

Kelsey Hanson earned the Fred Plog Memorial Fellowship for her multidisciplinary study of emergent social inequality in the Chaco and post-Chaco worlds (AD 850–1300). Hanson focuses on the use of color among precolonial US Southwest societies through an innovative approach that draws on descendant Indigenous philosophies wherein control of traditional ritual knowledge is the source of political power as opposed to Western conceptions centered
on accrual of material wealth. By drawing on anthropological archaeology and conservation science, Hanson examines the technologies of paint on Chacoan ritual media used by religious societies within broader communities of practice. Nondestructive analytical techniques are employed as part of her collections-based research, which preserves the integrity of the objects. These results are contextualized through social networks analyses that assess local changes in social organization through time in relation to ritual parallels and chromatic metaphors of Flower World shared between US Southwest and Mesoamerican societies. (University of Arizona)

**Paul Goldberg Award**
**Recipient:** Amy Socha
For her project using sediment cores to examine submerged geoarchaeological contexts. (Florida State University)

**Douglas C. Kellogg Fellowship for Geoarchaeological Research**
**Recipient:** Rocío M. López
For her project investigating the geoarchaeology of earthen mounds in southeastern Uruguay. (University of Florida)

**Dissertation Award**
**Recipient:** Danielle Lynn Dadiego
Dr. Danielle Lynn Dadiego has earned the Dissertation Award for her excellent dissertation, *Beads, Bullets, and Brokerage: Exploring Economic Agency in Eighteenth-Century West Florida*. This impressive, well-written research examined diverse, broad-ranging datasets from the colonial period of Florida using sophisticated methodological approaches to assess cross-cultural interactions in formal and informal exchange networks. This included a fascinating investigation of legal and illicit trade, as well as the complexities of procurement and supply among the diverse Indigenous and European cultures of eighteenth-century Florida. This was strengthened by Dr. Dadiego’s attention to the social conditions that influenced and shaped the economic interactions during this interesting period, providing a nuanced evaluation of a wide range of material and documentary data. If this research is any indication of what to expect from Dadiego in the future, she will make a great contribution to the field. (University of California, Santa Cruz)

**Charles Stanish SAA Annual Meeting Travel Award (El Premio Anual Charles Stanish para asistir a la Reunión Anual de la SAA)**
**Recipient:** Alexis Rodríguez Yábar
**Book Award—Scholarly**

**Recipients:** Wesley Bernardini, Stewart B. Koyiyumptewa, Gregson Schachner, and Leigh J. Kuwanwisiwma

*Becoming Hopi: A History* (University of Arizona Press)

*Becoming Hopi* shows a masterful interwoven collective work of conventional archaeological data and Hopi traditional knowledge to carefully study the Hopi Mesas of Arizona. In this volume, the voices of the Hopi are integrated with archaeological and ethnographic work conducted over two decades to show an important Indigenous group of the American Southwest with its rich and diverse historical tradition dating back more than 2,000 years. This tradition is deeply rooted in time, and the voices of the Hopi can be heard by scholars and non-experts. In addition, the collaborative effort resulted in a book that can be used by members of the Hopi community to learn about their own past.

**Book Award—Popular**

**Recipients:** Ruth M. Van Dyke and Carrie C. Heitman

*The Greater Chaco Landscape: Ancestors, Scholarship, and Advocacy* (University Press of Colorado)

With extraordinary careers focused on the study of the American Southwest, Van Dyke and Heitman have used an interdisciplinary research perspective to enrich the archaeology of that region. Their outstanding body of published work on southwestern archaeology shows an enormous interest in landscape, collective memory, visual representation, and architecture to reconcile archaeological approaches with Indigenous histories in an interpretive effort to understand and explain the past. As part of this collaborative effort, Van Dyke and Heitman include the critical protection and preservation of the archaeological remains of the American Southwest. This collaborative effort is also directly related to the Indigenous descendants who are the primary actors in the continuity of knowledge of the past and its inheritance for future generations.

**Award for Excellence in Archaeological Analysis**

**Recipient:** David Whitley

David Whitley has earned SAA’s Award for Excellence in Archaeological Analysis for his extraordinary contributions to rock art research. He has been a pioneer in developing rock art interpretation in North America and integrating it into international scholarship. In addition to his innovative, substantial, and sustained research, he has promoted the field’s development through writing the first rock art textbook (*Introduction to Rock Art Research*), editing the *Handbook of Rock Art Research*, creating and chairing the SAA Rock Art Interest Group, and organizing many rock art sessions at SAA meetings. Whitley’s outstanding commitment to research excellence is paired with his long career in cultural resource management.
Award for Excellence in Cultural Resource Management
Recipient: Michael Bremer
Michael Bremer has worked with the National Park Service, the US Forest Service, and the Pueblo de San Ildefonso to promote effective cultural resources, preservation, outreach and education, and research. Mr. Bremer is now the retired archaeologist and Heritage Program Manager for the Santa Fe National Forest and continues to be the part-time tribal historic preservation officer for the Pueblo de San Ildefonso. Mr. Bremer has been at the center of cultural resources management in northern New Mexico and continues to contribute to research in the field.

Award for Excellence in Curation and Collections Management
Recipient: Glenn A. Black Laboratory of Archaeology (GBL)
The Glenn A. Black Laboratory (GBL) of Archaeology at Indiana University was recognized by the Society for American Archaeology in 2022 for Excellence in Curation and Collections Management. Like many deriving from long-term research projects, the collections from Angel Mounds—first excavated as a WPA project—were both a challenge and an opportunity. With grant funding, the GBL strives to curate the varied site materials in a way accessible to future researchers; for example, through innovative database creation and public interpretation. With the Angel Mounds materials and other regional collections, the lab provides an excellent example of how old collections can be cared for and made pertinent to modern researchers, tribal partners, and the public. By incorporating students through both pedagogy and employment, the GBL also provides critical training in ethical twenty-first-century curation.

Award for Excellence in Collections-based Research and Education
Recipient: Dawn Scher Thomae
Dawn Scher Thomae, anthropology curator at the Milwaukee Public Museum (MPM), has been integrating collections, research, and education for over 20 years. As a result of Ms. Thomae’s efforts, students have been given the opportunity to make substantial contributions to archaeological knowledge, often through the use of otherwise languishing collections. For example, Ms. Thomae was instrumental in facilitating three theses using collections from late 1970s rescue excavations at the Bronze Age tell site of Tell Hadidi in Syria. Due to recent destruction wrought in Aleppo, this collection is now the only surviving material from this significant site. From hundreds of undergraduates who first gained hands-on experience with archaeology as her intern, to dozens of MA students whose theses on MPM collections she made possible, Ms. Thomae has made immense positive impacts on individual lives and the field. This award recognizes her legacy of Excellence in Collections-based Research and Education.
Award for Excellence in Latin American and Caribbean Archaeology

Recipient: Jaime J. Awe

Dr. Awe’s presence in Maya archaeology is felt both broadly and deeply; his research spans traditional boundaries of both period and genre. As an educator and director of one of the longest-running field schools in Mesoamerica, he has shepherded countless professionals into the discipline. As director (former) of the Institute of Archaeology, Dr. Awe ushered in a new era of productive, responsible, and collaborative heritage management in Belize. As a dedicated public educator, he has tirelessly and passionately promoted awareness of Belize’s past and in doing so has had a significant role in setting its future. With this award, we celebrate and thank him for his past and continuing scholarship and service to his discipline and his country.

Excellence in Public Archaeology Programming

Recipient: American Veterans Archaeological Recovery

American Veterans Archaeological Recovery (AVAR) focuses on training veterans in archaeological methodology. At AVAR-led projects, military veterans are encouraged to use skills and values gained during their time in service while completing archaeological fieldwork. To date, the program has funded fieldwork by 174 military veterans and students over a range of projects in Sicily, England, and the United States. AVAR’s focus on wellness in addition to archaeological skills helps to benefit the mental health of veteran participants and eases the transition between the military and the civilian worlds.

Outstanding Public Archaeology Initiative Award

Recipient: The Waccamaw Indian People, Coastal Carolina University, and the Horry County Museum

The Waccamaw Indian People: Past, Present, Future exhibit was a collaboration between the Waccamaw Indian People, students from Coastal Carolina University, and the Horry County Museum of Conway, South Carolina. The interactive, co-created exhibit included words and belongings of the Waccamaw Indian People’s past, present, and future, including supplemental online exhibits and portable exhibits to be loaned to local libraries and community centers. This exhibit is a stellar example of academic and museum staff supporting an Indigenous-led project where the Waccamaw Indian People are equal partners, co-PIs, and co-authors throughout. This co-creation benefited museum visitors, who indicated on follow-up surveys that through the exhibit they learned that not only had Waccamaw Ancestors been in the area for thousands of years but also that Waccamaw people were fighting for federal recognition.
Binford Family Award for Teaching Scientific Reasoning in Archaeology
Recipient: M. Kathryn Brown
M. Kathryn Brown has received the Binford Family Award for Teaching Scientific Reasoning in Archaeology for her commitment to teaching undergraduate and graduate students and her strategic use of active and experiential learning techniques, as well as course content that emphasizes development of professional skills. Numerous teaching awards and accolades from students highlight Dr. Brown’s dedication to teaching in the classroom and in the field. Engagement with students, both undergraduates and graduates, is evident from collaborative research and publications, and that many former students are now working in the field, as well as efforts to secure funding for field school participation. Since 2011, Dr. Brown has been involved in University of Texas at San Antonio initiatives to redesign course curricula in ways to enhance quantitative reasoning and communication proficiency. A focus on scientific reasoning is at the core of her undergraduate, graduate, and field school teaching.

Robert S. Peabody Institute of Archaeology Award for Archaeology and Education
Recipient: Lisa Overholtzer
Lisa Overholtzer has received the Robert S. Peabody Institute of Archaeology Award for Archaeology and Education for her dedication to teaching and learning both in the classroom and the field, and among students and members of the community. Dr. Overholtzer has developed innovative and creative assignments that have both challenged and supported her students in unprecedented times, beginning with teaching in graduate school, and continuing her commitment to education at Wichita State and McGill, where she is now a faculty member. Particularly noteworthy is Dr. Overholtzer’s outstanding work in collaborative and decolonial archaeology in Mexico, where she conducts fieldwork, engaging the members of the local communities in the state of Tlaxcala. Students participating in her fieldwork at Xaltocan and Tepeticpac learn the importance of prioritizing the values and interests of local communities; she also has shared her approach in academic publications and popular blogs, demonstrating a commitment to archaeology education.

Crabtree Award
Recipient: Kenneth Burkett
Since the 1970s, Kenneth Burkett has dedicated his efforts to the investigation of archaeological sites in western Pennsylvania. He has been an active volunteer in organizing and guiding fieldwork, laboratory analysis, and publication, and has been a volunteer field associate of the Carnegie Museum of Natural History since 1983. He has been recognized with awards by the
Society for Pennsylvania Archaeology and the Eastern States Archaeological Foundation, and has served leadership roles in the Society for Pennsylvania Archaeology and other organizations. His partnership efforts serve not only the professional community at local, state, and federal levels, but he has also shared knowledge of the archaeology of western Pennsylvania with the public through the creation of museum exhibitions. For his decades of dedication and professional collaboration, it is fitting that he be recognized by the SAA at the national level.

**Fryxell Award for Interdisciplinary Research**

**Recipient:** Dolores Piperno

Dr. Dolores Piperno has received the 2022 Fryxell Award in the plant sciences for her foundational research in archaeobotanical identification methods as well as her strong commitment in training future paleoethnobotanists in the skills of both micro- and macrobotanical analysis. Her diligent work on systematically developing identification methods in phytolith analysis has opened up a new field in archaeology, which has led to a range of new interpretations of the past throughout the world. Her specific research focus has been on plant domestication. Although her skills have aided the investigation of crops globally, her special research focus was on the origins of maize, along with squashes, gourds, chiles, and manioc. Her impeccable research has identified the domestication location of maize, allowing scholars to study its spread throughout the Americas. She is very deserving of this award, recognized by her colleagues in her subdiscipline.

**Lifetime Achievement Award**

**Recipient:** George Smith

George Smith has received the SAA’s Lifetime Achievement Award for his diverse body of distinguished work and significant contributions in the areas of archaeological research, cultural heritage management, public archaeology, archaeological resource protection, and archaeology curriculum development in the United States and around the world. For more than 45 years, George has contributed to the archaeological profession starting in graduate school, through research, teaching, publications, public service, program administration, and archaeological resource protection. His dedication to the profession and his ability to work with colleagues, the public, and students at national and international levels have advanced the mission and values of the SAA by greatly enhancing public understanding and appreciation of the past, our ability to manage and protect the past, and the training and education of archaeologists and heritage specialists. George is an innovator, leader, and scholar who has brought together world-class expertise in inclusive research and global cultural heritage stewardship.
Meeting Organizers, SAA Board of Directors, and SAA Staff

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University of Wisconsin–Madison

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STUDENTS, JOIN US!
WEDNESDAY, MARCH 30
9:00 P.M.—10:30 P.M.
BUCKINGHAM ROOM

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 of Directors and other students while enjoying complimentary refreshments. 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.
**General Information**

**ABSTRACTS**
The abstracts are available at [https://www.saa.org/annual-meeting/programs/abstract](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 4:00 p.m. on Friday in the Grand Ballroom.* All meeting attendees are welcome. Please note the earlier time to accommodate the Field Museum reception that starts at 5:00 p.m. So that immunocompromised members may participate, in 2022 we will not have a cash bar.

**ANNUAL MEETING APP**
The meeting app allows you to find your sessions with pinpoint location mapping and locate meeting information at your fingertips. To access and download the app, go to [https://www.saa.org/annual-meeting/meeting-app](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**
Complimentary coffee, while supplies last, will be available in the exhibit hall at the SAA booth Friday and Saturday at 9:00 a.m.

Snacks, sandwiches, and soft drinks will be available for purchase in the exhibit hall in the International Ballroom on Friday and Saturday. Refer to the Daily Digest for updates on availability.

**COVID AND SAFETY PRECAUTIONS**
Because information is rapidly changing, we encourage all meeting

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* The Hilton Chicago is the site for all meeting locations.
attendees to review the information at saa.org/covid. SAA staff will update this web page with the most current details.

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 2, from 1:00 p.m. to 4:00 p.m. in the Grand Ballroom. 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 222.

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.

EXCURSIONS
The Thatcher Woods and South Side excursions will depart from the East 8th Street Entrance, located next to registration. Please arrive no later than 15 minutes before the 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 the International Ballroom, provides an exciting array of products and services for you to review—you’ll find technology, field equipment, publications, archaeological services, and more! As a courtesy to immunocompromised members, we ask that everyone be masked on Thursday, March 31. On Friday and Saturday (April 1 and 2), there will be food and beverage consumption allowed in the Exhibit Hall. Hours on all three days are 9:00 a.m. to 5:00 p.m. Stop by the SAA’s booth (421 / 518) and check out our lounge while reviewing the latest titles from the SAA Press.

GENDER-INCLUSIVE RESTROOMS
The Hilton Chicago has three gender-inclusive bathrooms. Two are located on the lobby level next to each other, behind the Buckingham Room and next to the Herb n’ Kitchen Café. The third is located on the second level outside of the Grand Ballroom Foyer.

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, 2022. Whether the Immediate Family Member Pass is purchased through advance registration or during on-site registration, guests will need to check-in at the Hilton Chicago with their main registrants and show photo ID and proof of vaccination. Accompanied children 12 years of age or under are not required to display a guest badge, but all children over the age of 5 will be required to show proof of vaccination. Unaccompanied children may not attend the annual meeting.

LABOR ACKNOWLEDGMENT
The French purchased African captives at Saint Domingue in 1719. These enslaved laborers were among the first Africans in Illinois Country. In subsequent decades, many were sold and resold various times throughout the region. Some gained free status and others migrated and labored as free persons. Jean Baptiste Pointe Du Sable, a free black man, first settled on the edge of the Chicago River. Illinois was enacted as a free state with its first constitution in 1818, but black codes and restrictive legislation perpetuated second-class citizenship and denial of fundamental freedoms until the passage of the Thirteenth Amendment of the US Constitution in 1865. The state of Illinois was a free state, and Chicago and other cities were abolitionist safe havens and thoroughfares of the Underground Railroad. During the Great Migration, Chicago was a “Promised Land” for former slaves and their descendants. However, these new migrants were denied entry into professional, trade, and civil service occupations and labor unions. Chicago’s Black community has persevered and won fights for the right to fair and equitable employment through the years. An active element of the civil rights movement and Black empowerment, labor movements and unionization ultimately advanced aspirations for equality and recognition of the dignity of work. Illinois is indebted to the labor and sacrifice of enslaved Africans and their descendants. Their legacy is notable in contemporary resistances to racial discrimination. African American labor is central to the culture, economic growth, and development of the state of Illinois and the city of Chicago.—Robert Hanserd, Columbia College, Chicago

LAND ACKNOWLEDGMENT
See page 4.
MEETING SAFETY VOLUNTEERS
It is our ultimate goal to create a safe and inclusive space for attendees at the 2022 annual meeting in Chicago. 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 Chicago meeting. Further information about services provided and contact methods will be made available on the SAA’s website (www.saa.org/safe) and in the on-site daily updates, 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.–6:00 p.m.: Student Diversity Networking Program coffee and conversation in Conference Room 4F
• Friday: 8:00 a.m.–10:00 a.m.: Roundtable Mentoring Breakfast for Indigenous Members in the Grand Ballroom
• Friday: 12:00 p.m.–1:00 p.m.: COSWA Mentoring Brown Bag in the Grand Ballroom

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 Astoria—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 Chicago at this brief but info-packed session! See you there!

OFFICE
From Wednesday, March 30 through Sunday, April 3, the SAA staff office will be located in PDR #5. Please note that SAA staff will not be available on Monday or Tuesday to distribute advance registration materials.

OMBUDS
For the 2022 annual meeting, the SAA has chosen two ombuds to serve as informal, independent, neutral, and confidential resources 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 at the Boulevard Coat Check on the second floor. For more information on the ombuds, please visit page 10.

You can contact them using the following information:
e-mail: saaombuds@gmail.com
phone: 805-500-6963
ON-SITE UPDATE (NOW DAILY DIGEST)
In 2022, staff will prepare a daily e-mail 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.). This will be called the Daily Digest, not the On-Site Update.

OPENING SESSION / PRESIDENT’S FORUM
The Opening Session / President’s Forum, “Putting Principles into Action: Examples from the Field,” will be held on Wednesday, March 30, in the Waldorf Room at 6:30 p.m.

POSTERS AFTER HOURS!
The SAA will host Posters After Hours session on Thursday, March 31, from 4:00 p.m. to 6:00 p.m. in the Normandie Lounge, the Grand Ballroom Foyer, and the area outside of the elevators. This session will feature over 60 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 the Normandie Lounge and Grand Ballroom Foyer 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 the program and meeting app. Please check the program or app for the poster session 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 come to the on-site registration desk.

PUBLIC ARCHAEOLoGY DAY
Join the SAA for a celebration of archaeology! Public Archaeology Day will be held on Saturday, April 2, 2022, in Chicago. All members of the public are invited to explore archaeology and history through a self-guided walking tour in Chicago, online videos, and downloadable activities: www.saa.org/publicday.

QUIET ROOM
There will be a quiet room available in Conference Room 4I 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 hold conversations in this space.

REGISTRATION
From Wednesday to Saturday, registration is located at the 8th Street North and South Registration booths. 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 (PDR #5) from 7:00 a.m. to 8:00 a.m. Individuals who
registered by March 1, 2022, 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 (8th Street North and South registration booths) and the staff office (PDR #5).

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 221 in the exhibit hall (International Ballroom) and support the Arthur C. Parker Scholarship. The bidding ends Friday at 5:00 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 Chicago, 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 symposiums and lectures online using the hashtag #SAA2022Chicago.

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 PDR #1. 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 30 in the Buckingham Room, 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!

VIRTUAL COMPONENTS
All meeting registrants have access to the meeting virtual components, at https://saa2022.conventus.live, which will remain available until May 15, 2022.

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 from 5:30 p.m. to 7:00 p.m. in the Grand Ballroom; the WAIG Business Meeting will follow from 7:00 p.m. to 7:30 p.m. in the Grand Ballroom.

WI-FI
Attendees will have access to Wi-Fi while they are in the meeting space at the Chicago Hilton. 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.

The SAA’s 88th Annual Meeting in 2023!

Plan now to attend the SAA 88th Annual Meeting in Portland, Oregon, March 29–April 2, 2023. 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 88th Annual Meeting in Portland will open on May 3, 2022.
Opening Session / President's Forum
Putting Principles into Action: Examples from the Field

Moderators: Lauren Sieg and Karen Brunso
Participants: Warren Bates, Maria Ordoñez, Ryan Seidermann, and Laura Van Broekhoven
Date: Wednesday, March 30
Time: 6:30 p.m.–8:30 p.m.
Location: Waldorf Room

Abstract: The SAA's new “Statement Concerning the Treatment of Human Remains” sets out an ethos that is grounded in principles of respect, collaboration, and ethical practice and is illustrated by three case studies. In Canada, the Tk’emlúps te Secwépemc GPR survey has become a watershed moment—a Canadian awakening—of the genocide committed at Indian Residential Schools. The nature and sensitivity of the search for the missing children from the schools requires community-led research that incorporates Indigenous values, protocols, and methods. The survey sets a precedent for similar work to be driven by Indigenous-community needs. In Louisiana, the River Parishes are laden with unmarked burials of the once exploited enslaved peoples. Shifts from agriculture to petrochemical use disturb and threaten these burial places. The stories of descendants demonstrate the growing need for human remains and cemetery site protections and the fundamental importance of community voices in decisions about them. Last, the interdisciplinary tsantsas project has included Native communities’ viewpoints and consultation at every step. Representatives from Shuar communities, public organizations, and academia discuss the importance of such collaborations, their challenges and successes, and how they lead to pathways for repatriation, research, and exhibition of Shuar human remains and collections. The topics being discussed will get emotional; please take care of yourself.

Ethics Bowl
Date: Thursday, March 31
Time: 1:00 p.m.–3:00 p.m.
Location: Waldorf Room

The Ethics Bowl, which debuted at the 2004 meeting, is a festive, debate-style competition that explores the ethics of archaeological practice.

Ethics Bowl Discussion Forum
Archaeological Ethics in the Past, Present, and Future: Lessons from the SAA Ethics Bowl

Organizers: Katherine L. Chiou, Patricia G. Markert, and Daniel M. Perez
Date: Thursday, March 31
Time: 3:00 p.m.–5:00 p.m.
Location: Waldorf Room
Abstract: The Ethics Bowl is a time-honored tradition at the SAA annual meetings. It is a space where students and audience members critically and creatively engage with diverse ethical issues that face the practice of archaeology today. Each year, student teams come up with innovative arguments, considerations, and solutions that move the discipline forward. The Ethics Bowl has become an active space where important ethical conversations are raised, leading to productive discussions that extend beyond the conference and into the realm of practice.

This year, the SAA Committee on Ethics, the Register of Professional Archaeologists, and the SAA Ethics Revision Task Force III invite practicing and professional archaeologists to take part in a discussion led by former contestants, judges, and supporters about lessons learned from the SAA Ethics Bowl through the years. The forum will be a conversation during which archaeologists of all sectors can confer on past, current, and future trends in the ethics of our discipline. We will address the challenges of navigating ethics in practice as well as ideas about what role our core ethical principles may play in today’s changing world. It will also be an opportunity to celebrate the outstanding achievements of the student teams.

Posters After Hours
Date: Thursday, March 31
Time: 4:00 p.m.–6:00 p.m.
Location: Normandie Lounge and Grand Ballroom Foyer

This session will feature over 60 posters. With a relaxed atmosphere and a cash bar, this session serves as the perfect venue to connect with colleagues and discuss current research.
## MEETING SERVICES: HOURS OF OPERATION

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<td><strong>Registration</strong></td>
<td>2:00 p.m.–8:00 p.m.</td>
<td>7:00 a.m.–5:00 p.m.</td>
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<td><strong>Speaker Ready Room</strong></td>
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<td><strong>Ombuds Available</strong></td>
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### Notes:
- **No food or drink will be served on Thursday.**
- **Refer to the Daily Digest for updates regarding concessions.**

**Location Details:**
- **8th Street South Registration**
- **8th Street North Registration**
- **Boulevard Coat Check**
- **PDR #1**
- **Staff Office (PDR #5)**
- **International Ballroom**
Summary Schedule

**Tuesday, March 29**

8:30 a.m.–4:30 p.m.
*Joliet Room*
Association of Transportation Archaeologists Annual Meeting

**Wednesday, March 30**

7:00 a.m.–8:00 a.m.
*Mccormick Boardroom*
SAA New Board Orientation

8:00 a.m.–4:45 p.m.
*Mccormick Boardroom*
SAA Board Meeting

8:00 a.m.–5:00 p.m.
*Marquette Room*
US Army Corps Engineers Cultural Resources Community of Practice Meeting (By Invitation Only)

8:00 a.m.–5:00 p.m.
*PDR #2*
Project Archaeology Annual Meeting

8:30 a.m.–4:30 p.m.
*Joliet Room*
Association of Transportation Archaeologists Annual Meeting

1:00 p.m.–5:00 p.m.
*Williford A*
National Parks Service (NPS) Archaeologists Meeting (Open to NPS archaeologists)

1:00 p.m.–5:00 p.m.
*Conference Room 4A*
National Association of State Archaeologists (NASA) Annual Meeting (Open to NASA members and invited guests)

1:30 p.m.–4:30 p.m.
*Williford C*
SAA Heritage Values Interest Group and the Archaeology Division of the American Anthropological Association (AAA) Session on “Diversifying Archaeological Practice and Engagement with Heritage and Knowledge Production: An Ethical Imperative”

2:00 p.m.–6:00 p.m.
*Conference Room 4B*
Register of Professional Archaeologists (RPA) Board Meeting

2:00 p.m.–8:00 p.m.
*8th St South and North Registration Meeting Registration*

3:00 p.m.–5:00 p.m.
*PDR #3*
American Cultural Resources Association (ACRA) Board of Directors Meeting (By Invitation Only)

4:00 p.m.–6:00 p.m.
*Mccormick Boardroom*
Committee on Annual Meeting Safety Meeting

5:30 p.m.–6:00 p.m.
*Astoria Room*
First Time Attendees Meeting Orientation
6:30 p.m.–8:30 p.m.  
**Waldorf Room**  
Opening Session/President’s Forum  
“Putting Principles into Action: Examples From the Field”

9:00 p.m.–10:30 p.m.  
**Buckingham Room**  
Student Welcome Reception

**Thursday, March 31**

7:00 a.m.–5:00 p.m.  
**8th St South and North Registration**  
Meeting Registration

7:00 a.m.–7:50 a.m.  
**Grand Ballroom**  
SAA Board of Directors and Interest Group Organizer Breakfast (By Invitation Only)

7:30 a.m.–12:00 p.m.  
**Conference Room 4E and 4F**  
Ethics Bowl Preliminary Rounds One and Two

8:00 a.m.–10:00 a.m.  
**PDR #4**  
Council of Councils (By Invitation Only)

8:00 a.m.–12:00 p.m.  
**Sessions**

8:00 a.m.–12:00 p.m.  
**Conference Room 4L**  
US Forest Service Heritage Program Meeting (By Invitation Only)

9:00 a.m.–5:00 p.m.  
**International Ballroom**  
Exhibit Hall Open

10:00 a.m.–12:00 p.m.  
**Grand Traditions**  
Workshop: Best Practices for the Inventory of Collections of Human Remains (Preregistration required)

12:00 p.m.–1:00 p.m.  
**Conference Room 4B**  
Heritage Values Interest Group

12:00 p.m.–1:00 p.m.  
**Conference Room 4A**  
Minority Scholarship Committee meeting

1:00 p.m.–3:00 p.m.  
**Waldorf Room**  
Ethics Bowl Final Round

1:00 p.m.–5:00 p.m.  
**Grand Traditions Room**  
Workshop: Thinking about UAS Sensors for Your Archaeological Project? Understanding Their Potential and How to Integrate Them into Your Research (Preregistration required)

1:00 p.m.–5:00 p.m.  
**Sessions**

2:30 p.m.–3:30 p.m.  
Fundraising Committee

3:00 p.m.–5:00 p.m.  
**Waldorf Room**  
Ethics Bowl Forum

4:00 p.m.–6:00 p.m.  
**Normandie Lounge and Grand Ballroom Foyer**  
Posters After Hours
4:00 p.m.–6:00 p.m.
*Conference Room 4F*
Student Diversity Networking Program Coffee and Conversation Hour (By Invitation Only)

4:00 p.m.–6:00 p.m.
*Grand Ballroom*
Investment Committee Meeting

4:00 p.m.–6:00 p.m.
*Grand Ballroom*
Native American Scholarships Committee Meeting

4:00 p.m.–6:00 p.m.
*Grand Ballroom*
Bylaws Committee Meeting

4:00 p.m.–6:00 p.m.
*Grand Ballroom*
Archive Committee Meeting

4:00 p.m.–6:00 p.m.
*Grand Ballroom*
Committee on the Status of Women in Archaeology (COSWA) Meeting

4:00 p.m.–6:00 p.m.
*Grand Ballroom*
Kenyon Fellowship Committee Meeting

4:00 p.m.–6:00 p.m.
*Grand Ballroom*
Government Affairs Committee Meeting

4:00 p.m.–6:00 p.m.
*Grand Ballroom*
Awards for Excellence in Curation, Collections Management, and Collections-Based Research and Education Committee Meeting

5:00 p.m.–6:00 p.m.
*Grand Ballroom*
Public Education Committee Meeting

4:00 p.m.–6:00 p.m.
*Grand Ballroom*
Quantitative Methods and Statistical Computing in Archaeology Meeting

4:00 p.m.–6:00 p.m.
*Grand Ballroom*
SAA Press Editorial Board Meeting

4:30 p.m.–6:00 p.m.
*Conference Room 4A*
Island and Coastal Archaeology Interest Group Meeting

5:00 p.m.–6:00 p.m.
*PDR #4*
Register of Professional Archaeologists (RPA) Networking Reception (Open to all Register-Certified archaeologists)

5:00 p.m.–7:00 p.m.
*Conference Room 4B*
Committee on Ethics Meeting

5:30 p.m.–7:00 p.m.
*Conference Room 4D*
Bioarchaeology Interest Group Meeting

5:30 p.m.–7:00 p.m.
*Off-site: Bar Louie-Printer's Row*
Military Archaeological Resources Stewardship (MARS) Interest Group Mixer (Off-site at Bar Louie-Printer's Row; some refreshments provided)
5:30 p.m.–7:30 p.m.
*Grand Ballroom*
Women’s Networking Reception

7:00 p.m.–7:30 p.m.
*Grand Ballroom*
Women in Archaeology Interest Group (WAIG) Members Meeting

**Friday, April 1**

7:00 a.m.–9:00 a.m.
*Conference Room 4H*
Other Society Presidents’ Meeting
(By Invitation Only)

7:00 a.m.–4:00 p.m.
*8th St South and North Registration*
Meeting Registration

8:00 a.m.–12:00 p.m.
*Sessions*

8:00 a.m.–10:00 a.m.
*Pullman Boardroom*
International Government Affairs Committee

9:00 a.m.–5:00 p.m.
*International Ballroom*
Exhibit Hall Open

9:00 a.m.–12:00 p.m.
*Conference Room 4B*
Executive Board Meeting of the Archaeology Division of the American Anthropological Association (AAA) (By Invitation Only)

10:00 a.m.–11:30 a.m.
*McCormick Boardroom*
Annual Business Meeting of the Council of Allied Societies (CoAS)

12:00 p.m.–1:00 p.m.
*Boulevard C*
History of Archaeology Interest Group (HAIG) Meeting

12:00 p.m.–2:00 p.m.
*Conference Room 4A*
Publications Committee Meeting

12:00 p.m.–1:00 p.m.
*Grand Ballroom*
Mentoring Brown Bag Lunch sponsored by the Committee on the Status of Women in Archaeology (COSWA)

12:00 p.m.–1:00 p.m.
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12:00 p.m.–1:00 p.m.
*Grand Ballroom*
Mentoring Brown Bag Lunch sponsored by the Committee on the Status of Women in Archaeology (COSWA)
5:30 p.m.–7:00 p.m.  
*Conference Room 4D*  
Queer Archaeology Interest Group Meeting

5:30 p.m.–7:00 p.m.  
*Joliet Room*  
Fiber/Perishables Interest Group Meeting

5:30 p.m.–7:00 p.m.  
*Continental C*  
Curation Interest Group Meeting

5:30 p.m.–7:00 p.m.  
*Boulevard C*  
Military Archaeological Resources Stewardship Interest Group Meeting

5:30 p.m.–7:00 p.m.  
*Lake Ontario Room*  
Committee on Climate Change and Archaeological Resources Meeting

5:30 p.m.–7:00 p.m.  
*Lake Michigan Room*  
Rock Art Interest Group Meeting

5:30 p.m.–7:00 p.m.  
*Astoria Room*  
Repatriation Interest Group Meeting

5:30 p.m.–7:00 p.m.  
*Williford A*  
Student Affairs Committee Meeting

5:30 p.m.–7:00 p.m.  
*Continental A*  
Archaeologist-Collector Collaboration Interest Group Meeting

5:30 p.m.–7:00 p.m.  
*Boulevard A*  
Prehistoric Quarries and Early Mines Interest Group Meeting

5:30 p.m.–8:00 p.m.  
*Off-Site: Field Museum*  
Field Museum Reception (Preregistration required)

6:00 p.m.–7:30 p.m.  
*Continental B*  
Latin American Antiquity Editorial Advisory Committee Meeting

6:30 p.m.–8:00 p.m.  
*Marquette Room*  
Remembering the Life and Career of Jeffrey R. Parsons

7:00 p.m.–8:30 p.m.  
*PDR #2*  
Teaching Archaeology Interest Group Meeting

7:00 p.m.–8:30 p.m.  
*PDR #3*  
Geoarchaeology Interest Group (GIG) Meeting

**Saturday, April 2**

7:00 a.m.–8:00 a.m.  
*Grand Ballroom*  
Committee and Task Force Chairs Breakfast (By Invitation only)

7:00 a.m.–4:00 p.m.  
*8th St South and North Registration Meeting Registration*
8:00 a.m.–10:00 a.m.  
*Conference Room 4B*  
Matthew Tobin Cappetta  
Archaeological Scholarship Committee Meeting

8:00 a.m.–12:00 p.m.  
Sessions

9:00 a.m.–5:00 p.m.  
*International Ballroom*  
Exhibit Hall Open

11:00 a.m.–12:00 p.m.  
*Conference Room 4B*  
Committee on Repatriation Meeting

12:00 p.m.–1:00 p.m.  
*Conference Room 4H*  
International Association of Obsidian Studies Business Meeting

12:00 p.m.–1:00 p.m.  
*Conference Room 4B*  
Committee on Repatriation / Committee on Native American Relations

12:00 p.m.  
*PDR #2*  
Indigenous Peoples Interest Group Meeting

1:00 p.m.–2:00 p.m.  
*Conference Room 4B*  
Committee on Native American Relations Meeting

1:00 p.m.–4:00 p.m.  
*Grand Ballroom*  
CRM Expo

1:00 p.m.–5:00 p.m.  
Sessions

5:00 p.m.–7:00 p.m.  
*McCormick Boardroom*  
Society for Archaeological Sciences Business Meeting

5:30 p.m.–7:00 p.m.  
*Lake Ontario Room*  
Get-Together for Archaeologists of East and Southeast Asia

12:00 p.m.  
*PDR #2*  
Indigenous Peoples Interest Group Meeting

5:30 p.m.–7:00 p.m.  
*Astoria Room*  
Zooarchaeology Interest Group Meeting

**Sunday, April 3**

7:00 a.m.–8:00 a.m.  
*Staff Office—PDR #5*  
Meeting Registration

8:00 a.m.–12:00 p.m.  
Sessions
Information on Session Formats

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

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

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

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

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

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

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

**Lightning Round**—Analogous to a forum format (there will be a moderator, perhaps a co-moderator, and discussants). Each lightning round will be organized around a topic or an area. The second hour will be for discussion in groups with individual presenters or discussion with the group as a whole. Each lightning round will be two hours long with the first hour consisting of three-minute presentations (with three slides maximum; 10–15 discussants).
Any of these sessions are open to all registered attendees. Sessions may be “sponsored” and/or “invited.” The designation “sponsored” indicates the support of an SAA committee or interest group, or an organization outside the SAA. The designation “invited” reflects a special status and role within the meeting, as defined by the Program Committee chair.

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

Join Us at Posters After Hours!

This poster session will feature over 60 posters. With a relaxed atmosphere and a cash bar, this session serves as the perfect venue to connect with colleagues and discuss current research.

A Note about Experimental Hybrid Sessions

The costs for a hybrid session room (in which some presenters are remote and some in person) total more than $10,000 because such a room requires rentals of cameras, multiple screens, additional mics, sound mixers, development of a website, hardwiring of the room, and multiple technicians. However, the Virtual Components Task Force and the board felt the SAA needed to experience and learn more information about what is required in terms of staff time, equipment rental, speaker training, and organizer expectations to make an interactive in-person and online session successful.

To be responsible with member resources while also supporting this experience, the Virtual Components Task Force and the SAA Board of Directors authorized one test set for one day (the minimum we could purchase). The symposium “El Niño and the Archaeology of Resilience on the Peruvian Coast” will be live at 8:00 a.m.–11:30 p.m. Central and the forum “Maritime Prehistory of Northeast Asia 1: Boating and Pleistocene Maritime Migration” will be live at 1:00 p.m.–3:00 p.m. Central on Friday, April 1. Both will be in person in the Waldorf Room and also available on the Virtual Components website.
About the 2022 Annual Meeting App

The meeting app allows you to view sessions at a glance and find your sessions with pinpoint location mapping. To access and download the app, go to https://www.saa.org/annual-meeting/meeting-app.

In order to use personalized features such as My Schedule and Notes, you must log in by clicking the hamburger icon at the top left. From there you can enter your first name, last name, and e-mail address, and you will then receive an e-mail with a code to enter.

Celebrate Archaeology by Using Your Ballot

The State Archaeology Celebration posters will be on display physically (in the exhibit hall) in Chicago 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 Presentation at 4:00 p.m. on Friday in the Grand Ballroom. This year’s winners will be announced after April 8. The poster contest is cosponsored by the SAA’s Public Education Committee and the Council of Allied Societies.

Request a Meeting Safety Volunteer / Pide ayuda a una persona voluntaria durante el congreso
Phone/Teléfono: 202-743-5531 (Google voice / voz Google) E-mail: saasafemeeting@gmail.com https://www.saa.org/safe
Wednesday Evening ■ March 30, 2022

[1] OPENING SESSION
FORUM PUTTING PRINCIPLES INTO ACTION: EXAMPLES FROM THE FIELD
(Presidential Forum)
Room: Waldorf Room
Time: 6:30 p.m.–8:30 p.m.
Moderators: Karen Brunso and Lauren Sieg

Participants:
Sarah Beaulieu—Discussant
Ryan Seidemann—Discussant
Warren Bates—Discussant
Jordan Brewington—Discussant
Barbara Washington—Discussant
Gail Leboeuf—Discussant
Joy Banner—Discussant
Maria Ordoñez—Discussant
Laura Van Broekhoven—Discussant

Thursday Morning ■ March 31, 2022

[2] SYMPOSIUM ARCHAEOLOGY IN EASTERN EUROPE
Room: Conference Room 4D
Time: 8:00 a.m.–9:00 a.m.
Chair: Attila Gyucha

Participants:
8:00 Emily Zavodny, Jelena Jovic, Tatjana Kolak, John Krigbaum and George Kamenov—Multi-isotope Investigation of Transhumance and Herd Management at a Copper Age site in Lika, Croatia
8:15 Attila Gyucha, William Parkinson and Richard Yerkes—Nucleation, Monumental Construction, and Social Transformations: The Long-Term Development of a Neolithic Settlement Complex on the Great Hungarian Plain
8:30 Danielle Riebe, János Dani, Gábor Mesterházy, Máré Stibranyi and Apostolos Sarris—Mapping the Space, Understanding the Place: Survey and Remote Sensing Techniques Implemented at the Late Neolithic Herpály Settlement Complex of Csökmő-Káposztás-domb
8:45 Katharine Kolpan—Debating Sarajevo’s Old Jewish Cemetery: Jewish Historical Space or Commemorative Monument to Bosnian War Tragedy!
**Room:** Boulevard B  
**Time:** 8:00 a.m.–9:15 a.m.  
**Chair:** Alejandro Chu  
**Participants:**  
8:00 Jean Hudson and Amy Klemmer—Ecological Parameters and Social Trajectories, Coastal Samples from Ecuador and Peru  
8:15 Florencio Delgado Espinoza—Variability on Coastal Ecuador's Early Formative  
8:30 Renzo Ventura and Ana Mauricio—The Preceramic Complex of Pampa de las Salinas: Environmental and Cultural Context for the Rise of Monuments in the Chao Valley  
8:45 Peter Fuchs, Renate Patzschke, and Jesus Briceno—From the Sunken Plazas to the Entombment of Temples: Architecture and Ritual at Sechin Bajo, Peru  
9:00 Alejandro Chu—The Emergence of Monumental Architecture at the North Central Coast of the Central Andes: Evidence of Social Complexity?  

**Room:** Waldorf Room  
**Time:** 8:00 a.m.–9:30 a.m.  
**Chair:** Victoria Ingalls  
**Participants:**  
8:00 Victoria Ingalls and Rachel Feit—Heat and Repeat: Investigations of Middle Archaic Campsite along Hickory Creek in North Texas  
8:15 Michele Troutman—Retracing Communities in the Northeastern Early Archaic: A Lithic Analysis Comparison of the Johnsen #3 and Haviland Sites  
8:30 Daniel Wilcox and Michelle Bebber—Understanding the Shift from Soapstone to Pottery in Eastern North America during the Late Archaic and Early Woodland Period: An Experimental Approach  
8:45 Prentice Thomas, Janice Campbell, Nate Mountjoy, and Aemie Nash—Rethinking the Late Archaic, Early Deptford, and Elliott's Point Rabbit Hole in Northwest Florida  
9:00 Seth Grooms and Grace Ward—Hunter-Gatherer Histories and Social Landscapes in the Lower Mississippi Valley  
9:15 Autumn McGaha—Late Archaic Bison Hunters at Bonfire Shelter Valley, Texas  

[5] **SYMPOSIUM: ANCESTRAL PUEBLOAN ARCHAEOLOGY**  
**Room:** Lake Ontario  
**Time:** 8:00 a.m.–9:45 a.m.  
**Chair:** Wesley Gibson
Participants:

8:00  Jaye Smith and Jeffery Clark—Continued Work on the Ray Robinson Collection: The Elmer’s Farm and Layton Field Sites in the Safford Basin, Arizona

8:15  Laurie Webster—Wetherill’s Long-Lost Keet Seel Collection from Northeastern Arizona: Archival Clues, Misidentifications, and a Remarkable Perishables Assemblage

8:30  Katherine Peterson—Entangled Assemblages: The Back Wall at Chetro Ketl

8:45  Jean Pike—Classic Period Architecture of the Galisteo Basin, New Mexico: Long-Distance Connections to Mesoamerica and Cahokia?

9:00  William Graves—Power, Identity, and La Présence Plains

9:15  Laura Brumbaugh—Examining Centralization of Social Influence in the Late Pueblo I Northern Southwest

9:30  Wesley Gibson—Maximum Entropy on the Colorado Plateau


Room: Continental C
Time: 8:00 a.m.–10:00 a.m.

Moderators: Steven Goldstein, Elisabeth Hildebrand and Ruth Shahack-Gross

Participants:
Abigail Stone—Discussant
Diane Gifford-Gonzalez—Discussant
Steven Brandt—Discussant
Helina Woldekiros—Discussant
Chet Cain—Discussant
Katherine Grillo—Discussant
Stanley Ambrose—Discussant
José Capriles—Discussant
Matthew Knisley—Discussant


Room: Continental A
Time: 8:00 a.m.–10:00 a.m.

Moderators: Kimball Banks, Jennifer Lapp and David Witt

Participants:
Mark Slaughter—Discussant
Allyson Brooks—Discussant
Karin Larkin—Discussant
Rebecca Hawkins—Discussant
[8] SYMPOSIUM: RECENT RESEARCH IN THE MISSISSIPPIAN AND LATE PREHISTORIC PERIODS  
Room: Boulevard A  
Time: 8:00 a.m.–10:00 a.m.  
Chair: Anthony Krus  

Participants:
8:00 Elizabeth Scharf—Archaeological Implications of Late Holocene Pollen Records from the Southeast United States  
8:15 Christina Friberg and Gregory Wilson—Reconceptualizing Mississippian Society: Consolidation and Collapse in Cahokia’s Western Frontier  
8:30 Sarah Noe, Amber VanDerwarker and Gregory Wilson—An Examination of Shifting Foodways during the Twelfth and Thirteenth Centuries in the Central Illinois River Valley  
8:45 Seamus Anderson—The Monster in Me: The Institutional Context of the Bellaire A Pipes  
9:00 Leslie Branch-Raymer and Terry Powis—Paleoethnobotany of the Wilbanks Phase Cummings Site, Bartow County Georgia  
9:15 Steve Filoromo, Alain Plattner and Elliot Blair—Building Community in Moundville’s Chiefdom: New Insights from Geophysical Investigations of the Late Mississippian Platform Mound at Snow’s Bend (1Tu2/3)  
9:30 Anthony Krus, Charles Cobb, Brad Lieb, Edmond Boudreaux III and Kandace Hollenbach—A Mississippian Fin de Siècle Revisited: Updated Chronology for Mississippian Abandonment in the Middle Cumberland Region  
9:45 Timothy Sullivan—Fort Ancient Mortuary Landscapes: A Locational Analysis of Stone Box Burials in Central and Eastern Kentucky

Room: PDR #3  
Time: 8:00 a.m.–10:30 a.m.  
Chairs: Steven Wernke and Parker VanValkenburgh  

Participants:
8:00 Steven Wernke and Parker VanValkenburgh—GeoPACHA: An Online Platform for Collaborative Imagery-based Survey in the Andes  
8:15 Parker VanValkenburgh, Steven Wernke, Sofia Chacaltana-Cortez, Giancarlo Marcone and Giles Spence-Morrow—Deploying GeoPACHA: An Overview of Results from Stage One  
8:30 Lauren Kohut, Ryan Smith, Elizabeth Arkush and Steven Wernke—Landscapes of Conflict across the South-Central Andes: An Interregional View of Hillfort Distribution and Variation through Systematic Imagery Survey
8:45  Bethany Whitlock, Natali López Aldave, Sophie Blumenstein and Makoto Kobayashi—Pastoralist Networks in the South-Central Andes during the Spanish Colonial Period

9:00  Giancarlo Marcone—Of Lomas and Foothills: Reconstructing Long-Term Intervalley Occupations on the Peruvian Central Coast from Satellite Photography

9:15  Giles Morrow—Seeking Refugia on the North Coast of Peru with Boots on the Ground and Eyes in the Sky: Expanding the “Total Coverage” Archaeological Surveys of the Jequetepeque and Santa Valleys through Systematic Analysis of Satellite Imagery

9:30  James Zimmer-Dauphinee, Parker VanValkenburgh and Steven Wernke—Eyes of the Machine: Comparing Automated and Brute Force Satellite Surveys in the Andes

9:45  Meghan Howey—Discussant

10:00  Patrick Ryan Williams—Discussant

10:15  Questions and Answers

[10]  SYMPOSIUM: ARCHAEOLOGY WITH ALTITUDE PART I: PAPERS IN HONOR OF MARK ALDENDERFER

Room: Williford Room A

Time: 8:00 a.m.–10:45 a.m.

Chair: Elizabeth Klarich

Participants:

8:00  Elizabeth Klarich—“Stunning Vistas, Wonderful People, and Very Cool Archaeology”: An Introduction to the Contributions of Mark S. Aldenderfer

8:15  Nicholas Tripcevich, José Capriles, Calogero Santoro and Nicholas Tripcevich—Bright Stones and Montane Foragers: A Review of Archaic Mobility through the Light of Obsidian Provenience Studies

8:30  Randy Haas—The Evolutionary Ecology of Non-gendered Big-Game Hunting

8:45  Bonnie Pitblado—The Earliest Use of the Highest Landscapes of the North American Cordillera

9:00  Carleen Sanchez—Mimesis and Alterity on the Borderlands: Making Sense of Cultural Practices in the Southeast Maya Periphery

9:15  Jade Guedes—A Deep History of Human Activity in the Jiuzhaigou National Park

9:30  Jacqueline Eng—Bioarchaeological Perspectives on Human Adaptations to Life in “Marginal” Environments: High-Altitude Nepal and Beyond


10:00  Fabrizio Galeazzi—Online Collaborative Infrastructures and 3D Visualization for Documentation, Analysis, and Preservation in Archaeology
10:30 Questions and Answers


**Room:** Lake Huron  
**Time:** 8:00 a.m.–11:00 a.m.
**Chairs:** Carlos Morales-Aguilar and Felix Kupprat

**Participants:**

8:00 Richard Hansen, Edgar Suyuc, Gustavo Martínez, Carlos Morales-Aguilar and Enrique Hernandez—The Dynamics of Statehood and Collapse in the Mirador-Calakmul Basin System
8:15 Carlos Morales-Aguilar—The Transition from the Preclassic to the Early Classic in Northern Petén, Guatemala
8:30 Felix Kupprat, Verónica Vázquez López, Debra Walker, Armando Anaya Hernández and Nicholas Dunning—The Transition from the Preclassic to the Classic Period in Yaxnohcah, Campeche
8:45 Luke Auld-Thomas, Marcello Canuto and Ernesto Arredondo Leiva—Breaking and Entering the Resilient Polity: El Achiotal’s Evolution From the Inside and the Outside
9:00 Julien Hiquet, Philippe Nondédéo and Carlos Morales-Aguilar—The Rise of Naachtun (Peten, Guatemala): Shifts and Continuities between the Late Preclassic and Early Classic Periods
9:15 Sandra Balanzario Granados, Francisco Estrada-Belli and Alexandre Tokovinine—Dzibanché e Ichkabal y la dinastía Kaan’ul en los periodos del Preclásico al Clásico
9:45 Milan Kovac and Dora Maritza García Patzán—Continuity and Discontinuity during the Transition Period (Terminal Preclassic–Early Classic) at Uaxactun, Petén, Guatemala
10:00 Franco Rossi, Boris Beltrán and Heather Hurst—The Big Move: Understanding Late Preclassic Population Decline at San Bartolo
10:15 Edwin Roman-Ramirez—“Long Live the New King”: Tikal during Times of Abandonment, Political Instability, and the Emergence of the Classic Period Dynasties (100–378 CE)
10:30 Kathryn Reese-Taylor—Discussant
10:45 Thomas Garrison—Discussant
[12] **Symposium: What Have We Lost: The History of Exclusion in Archaeology**  
*Room:* Williford Room C  
*Time:* 8:00 a.m.–11:00 a.m.  
*Chair:* Maureen Meyers

**Participants:**  
8:00 Maureen Meyers—Evidence of Absence: A Brief History of Exclusivity in Archaeology  
8:15 Benjamin Steere and Elizabeth Steere—Unequal Footing: The Exclusion of Victorian-Era Women in Archaeology  
8:30 Richard Jefferies and Mark Williams—Living in the Shadow of Legends: The Archaeological Legacy of Sheila K. Caldwell  
8:45 Erin Cagney—Correcting the Record: The Legacy of Betty Veatch  
9:00 Sarah Janesko and Jessica Mundt—Curating Exclusion in Perpetuity: Insight from Archaeological Records  
9:15 Tanya Peres, Sarah Baires, Grace Riehm, Karen Stevens and Erin Nelson—Re(Sourcing) Knowledge: Considering Access, Authorship, and Citation in Archaeology  
9:30 Nicole Slovak—Yes, There Is a Doctor in the House: Community College, Archaeology, and a History of Exclusion  
9:45 Sarahjayne Clements and Abigail Hunt—Enabled Archaeology: The Exclusive History and Inclusive Future of UK Archaeology  
10:00 Michael Fedoroff—Methods of Inclusion: A Call to Decolonize Archaeological Methods in the United States  
10:30 John Chamblee—Institutionalized Exclusion in Social Theory  
10:45 Barbara Voss—Discussant

*Room:* Boulevard C  
*Time:* 8:00 a.m.–11:15 a.m.  
*Chairs:* Kenichiro Tsukamoto and Tatsuya Murakami

**Participants:**  
8:00 Tatsuya Murakami and Kenichiro Tsukamoto—Introduction: Governing Urban Societies in Ancient Mesoamerica  
8:15 Takeshi Inomata—Practice and Public Spheres in the Preclassic Maya Lowlands  
8:30 Alexander Jurado and Tatsuya Murakami—Shifting Practices and Institutions of Governance in Formative Central Mexico  
8:45 Veronica Perez Rodriguez—Governance, Political Strategies, and Power Negotiation at Cerro Jazmín, Oaxaca
9:00 Sarah Barber and Arthur Joyce—Assembling the Río Viejo Acropolis: Territorializing Governance in Terminal-Formative Coastal Oaxaca

9:15 Arlen Chase, Diane Chase and Adrian Chase—Dynasties, Bureaucracies, and Governance among the Late Classic Maya: Caracol and Its Peers

9:30 Antonia Foias, Kitty Emery and Jeanette Castellanos—Classic Maya Officials and Governance: The Role of Secondary Officials in the Motul de San José/Ik’al Polity in Central Peten, Guatemala

9:45 Kenichiro Tsukamoto—Internal Distinction and External Affiliation: Practices and Interactions of Maya Standard-Bearers in the El Palmar Dynasty, Mexico

10:00 William Ringle—Looking for Lords in Northern Yucatan

10:15 Charles Golden—Negotiated Authority, Public Goods, and Classic period Maya Statecraft

10:30 Gerardo Gutiérrez—The Role of the Tax Collection Bureaucracy in Southern Mexico during the Postclassic Period

10:45 David Carballo—Governance, Urbanism, and Collective Action in Prehispanic Central Mexico

11:00 Monica Smith—Discussant


Room: Lake Erie

Time: 8:00 a.m.–12:00 p.m.

Chairs: Nora Rodríguez-Zariñán and Randall McGuire

Participants:

8:00 Randall McGuire—Lost in Space: The Greater Southwest, Oasis America, the Gran Chichimeca, and the Southwest/Northwest

8:15 Nora Rodríguez-Zariñán—Connectivities in Southwest/Northwest/Mesoamerica: Displacement, Provision, and Ritual Practice in the Ethnographic and Archaeological Record

8:30 Christopher Beekman and Michael Mathiowetz—An Epiclassic Crucible: Assessing Ideological Connections between Teuchitlán and Azatlán with Implications for the SW/NW

8:45 Dorothy Hosler—Recent Insights into Southwest / West Mexican Interactions

9:00 Juan Ignacio Macias Quintero—Across the Deserts: The Role of Nomadic Hunter-Gatherers in the Connections between Mesoamerica and Northern Mexico

9:15 Paul Minnis—The Other Consequential Mesoamerica-Southwest Interaction: Crops across Time and Space

9:30 Marc Thompson and Thatcher Rogers—Analogs, Appropriations, and Analyses of Identities and Iconographies in North America’s Extremadura

9:45 Aaron Wright and Myles Miller III—The Question of Mesoamerican Deities in the Indigenous Pantheons of the Southern Southwest
10:00  Christopher Schwartz, José Luis Punzo Díaz and Ben Nelson—Pajaros del Fuego: Macaws and Parrots from Mesoamerica to the US Southwest / Mexican Northwest
10:15  Stephen Plog, Christopher Schwartz, Douglas Kennett and Patricia Gilman—Birds of the Sun: Scarlet Macaws in the Southwestern United States and Northwestern Mexico and Their Relationships to Mesoamerica
10:30  Emiliano Melgar—Tracking the Manufacturing Traces of the Turquoise Objects from Mesoamerica, Northern Mexico, and the American Southwest: A Technological Perspective
10:45  Michael Whalen—Supra-local Symbols, Cultural Evolution, and the Case of Paquimé, Chihuahua, Mexico
11:00  Meradeth Snow and Michael Searcy—A Reanalysis of Population Dynamics in the Casas Grandes Region of Northern Mexico Using Mitochondrial DNA
11:15  Sean Dolan and M. Steven Shackley—What Can Obsidian Tell Us about US Southwest-Mesoamerican Connections?
11:30  Matthew Schmader—Interethnic Conflict, Puebloan Resistance, and the Vázquez de Coronado Expedition to Central New Mexico (1540–1542)
11:45  Questions and Answers

[15]  **Symposium: Recent Advancements in Cahokia Research**
**Room:** Lake Michigan
**Time:** 8:00 a.m.–12:00 p.m.
**Chairs:** Jacob Skousen and Alleen Betzenhauser

**Participants:**
8:00  Andrea Hunter—Cahokia: Place of the Children of the Middle Waters
8:15  Jacob Holland-Lulewicz, Andrea Hunter and Sarah O’Donnell—Contentious Heritage-Making and Historical Dissonance at Contemporary Cahokia
8:30  Timothy Pauketat, Robert McCullough, Michael Farkas and Susan Alt—Steam Bath Ceremonialism from the Top Down
8:45  Timothy Schilling and Grant Stauffer—An Eventful History of the Cahokia Site
9:00  John Stauffer, Lucretia Kelly and Grace Ward—The Material Correlates of Social and Religious Life in Cahokia’s Ramey Field, Illinois
9:15  Sarah Baires and Melissa Baltus—Neighborhood Foodways at the Spring Lake Tract, Cahokia
9:30  Michael Aiuvalasit, Caitlin Rankin and Timothy Pauketat—Using Soil Micromorphology to Reevaluate Cahokia’s Sub-Mound 51 Borrow Pit Formation
9:45  Jeremy Wilson, David Pompeani and Broxton Bird—The Muddy Waters of Horseshoe Lake: Understanding the Environmental and Climatological Context of the Mississippian Occupation at Cahokia
10:00  Questions and Answers
10:15  Emily Johnson, Alleen Betzenhauser and Amber VanDerwarker—Nixtamalization and Culinary Traditions at the Ancient East St. Louis Site

10:30  Tyler Ferree and Gregory Wilson—Spindle Whorls

10:45  Susan Alt—Women, Water, and Cahokia

11:00  Erin Benson and Elizabeth Watts Malouchos—Remaking Mississippian: A View of Moorehead Phase Community-Making from Cahokia’s Peripheries

11:15  Shawn Lambert and Paige Ford—Thinking Beyond Imitation: Ceramic Evidence of Early Caddo Residential Craft Specialists at Cahokia

11:30  Amanda Butler—Mississippian Missionaries: Bundling a Cahokian Religious Movement

11:45  Lori Belknap—Redefining Visitor Experience Using Augmented Reality Technology

[16]  SYMPOSIUM 2021 FRYXELL AWARD SYMPOSIUM: PAPERS IN HONOR OF MARY C. STINER
(Sponsored by Fryxell Award)
Room: Marquette Room
Time: 8:15 a.m.—12:00 p.m.
Chairs: Natalie Munro, Tiina Manne and Britt Starkovich

Participants:
8:15  R. Lyman—Innovative Graphs of Zooarchaeological Data: Prey Mortality, Skeletal Part Frequencies, Taphonomy, Butchering Practices, and Mary C. Stiner

8:30  Paul Goldberg and Takis Karkanas—Seeing Stratigraphy

8:45  John Speth—Rethinking Binford’s Utility Indices for Use in Eurasian Paleolithic Contexts

9:00  Susan Mentzer, Britt Starkovich, Mara Lou Schumacher, Alex Bertacchi and Nicholas Conard—A Field-based Analysis of Bone Burning and Diagenesis at Sibhudu Cave, South Africa

9:15  Tiina Manne—Catching the Hare Down Under: Bilbies, Bandicoots, and Bats

9:30  Natalie Munro and Leore Grosman—Natufian Population Dynamics in the Levantine Upper Jordan Valley and Mediterranean Hills: A Zooarchaeological Study

9:45  Jordan Abell, Jay Quade, Mary Stiner, Susan Mentzer and Mihriban Özbasaaran—Urinating in the Neolithic: Geochemistry at the Aceramic Neolithic Site of Aşıklı Höyük, Turkey

10:00  Gunes Duru and Mihriban Özbasaaran—How Sheep Shaped an Early Neolithic Community in Central Anatolia

10:15  Fiona Marshall—Directionality in Large Animal Domestication, or Do I Really Want a Different Donkey?

10:30  Britt Starkovich, Kim Aluwé, Susan Mentzer and Shyama Vermeersch—Pigs, Goats, and Sacrifice: The Influence of Stiner’s Work in Later Contexts
10:45 Matthew E. Hill and Erik Otárola-Castillo—Was There a Broad-Spectrum Revolution among the North American Great Plains Hunters?
11:00 Diane Gifford-Gonzalez—Of Mice and Humans
11:30 Steven Kuhn—Discussant
11:45 Mary Stiner—Discussant

[17] Symposium: Small Adults or Big Kids? Exploring Archaeological and Bioarchaeological Approaches to Adolescence
Room: Astoria Room
Time: 8:30 a.m.—12:00 p.m.
Chairs: Dana Thacher and L. Creighton Avery

Participants:
8:30 April Nowell and Jennifer French—Growing Up Gravettian
8:45 Ana Herrero Corral—From Childhood to Adulthood in Iberia during the Bell Beaker Period
9:00 Lesley Beaumont—New Approaches to Studying Adolescence in the Past: Exploring Archaeological Evidence through the Lens of Developmental Biology and Psychology
9:15 Leslie Quade—Growth, Health and Adolescence in Roman and Late Antique Gaul
9:30 L. Creighton Avery, Megan Brickley and Tracy Prowse—A Tale of Two Cities: Exploring Adolescent Experiences in the Roman Empire through Dietary Stable Isotopes of Incremental Dentine
9:45 Sarah Baitzel, Bridget Bey and Allisen Dahlstedt—Being, Becoming, Belonging: Adolescence in the Ancient Andes
10:00 Marieke Ivarsson-Aalders—Finding the Adolescents of the Viking Age: Bioarchaeological Perspectives toward Adolescence on the Island of Gotland, Sweden
10:30 Dana Thacher—Remembering Sarah, William, and Mary: Gendered Patterns of Adolescent Commemoration in Victorian and Edwardian England
10:45 Jennifer Mack—Broken Blossoms: An Examination of Adolescent Mortality and Mortuary Treatment at Dubuque's Third Street Cemetery
11:00 Meredith Ellis—Transitional Youths: Defining “Adolescence” in Nineteenth-Century New York City through Skeletal Remains
11:15 Kathryn Kamp—Discussant
11:30 Rebecca Gowland—Discussant
11:45 Questions and Answers
SYMPOSIUM \textbf{BIOMOLECULAR ARCHAEOLOGY OF SECONDARY METABOLITES}

Room: Joliet  
Time: 8:45 a.m.–12:00 p.m.  
Chair: Mario Zimmermann

\textbf{Participants:}

\begin{itemize}
  \item 8:45 Piyawit Moonkham—Holy Smokes: Historical Use and Residue Analysis of Cannabis and Smoking Pipes from a Northern Thai Temple
  \item 9:00 Tiffany Kite—Using Metabolomics to Gain a Deeper Understanding of Cultural Use of Yaupon Holly (\textit{Ilex vomitoria}) and Cacao (\textit{Theobroma cacao})
  \item 9:15 Kate Shantry and Mario Zimmermann—Plant Residues on Hot Rocks from \textquoteleft \textquoteleft \textquoteleft áci\tilda{\text{tal}}=\text{bix}\text{\textquoteright} \textquoteleft \textquoteleft (People) by the River in the Southern Salish Sea Region on the Northwest Coast of North America
  \item 9:30 Horacio Ramírez Funes, Carolina Belmar, Fernanda Falabella and Lorena Sanhueza—The Potentiality of Metabolomics Based Studies on Dental Calculus: A Study Case from Central Chile (Southern Andes)
  \item 9:45 Betty Adams, Mario Zimmermann and Jennifer Hebley—Nondestructive LC-MS Residue Analysis Yields Data in Field Lab Experiments Consistent with Institutional Lab Testing on Cosmetic Artifacts from Ancient Near East
  \item 10:00 Mario Zimmermann, Thomas Connolly, Shannon Tushingham, David Gang and Thomas Stafford—Nicotiana Residues Identified on Pipe Bowl and Stem from Fort Rock Cave, Oregon
  \item 10:15 Questions and Answers
  \item 10:30 Shannon Tushingham, Brian Byrd, Jelmer Eerkens, Monica Arellano and Alan Leventhal—Gender and Ritual Plant Use: Collaborative Research Reveals Women’s Tobacco Use and Expertise in Ancient California
  \item 10:45 Korey Brownstein, Margo Schwadron, William Damitio and Paige Hawthorn—Ancient Residue Analysis on Ceramics and Shell Cups from Several Sites in Southern Florida
  \item 11:00 María Luisa Vázquez De Ágredos Pascual, Catarina Pereira Miguel, Silvia Bottura, Cristina Expósito de Vicente and Maria do Rosário Martins—Physicochemical and Toxicological Analysis in Old Drugs: Results and Challenges
  \item 11:15 Adam King, Terry Powis, Kong Cheong, George Micheletti and Nilesh Gaikwad—Exploring Non-food Residues in Ritual Cache Vessels from the Ancient Maya Site of Pacbitun, Belize
  \item 11:30 Timothy Ward, George Bey Ill and Dan Healan—A Residue Analysis of Blanco Levantado, a New World Amphora: Evidence for Its Use to Collect and Distribute Miel De Maguey in the Tula Region (AD 900–1150)
  \item 11:45 Sean Rafferty—Discussant
\end{itemize}
Program of the 87th Annual Meeting

Thursday Morning, March 31


Room: Williford Room B
Time: 8:45 a.m.–12:00 p.m.

Chairs: Yadira Chinique de Armas and Jason Laffoon

Participants:

8:45 Matthew Peros—Holocene Climates, Environments, and Sea Levels in the Circum-Caribbean Region: Implications for Archaeology

9:00 Matthew Napolitano, Robert DiNapoli, Jessica Stone, Jonathan Hanna and Scott Fitzpatrick—Modeling Demographic Change in the Caribbean

9:15 Maria Nieves Colon—Advances and Challenges in Caribbean Paleogenomics Research

9:30 Hannes Schroeder, Jazmin Ramos Madrigal, Miren Iraeta Orbegozo, Jonas Niemann and Corinne Hofman—Exploring the Limits of Ancient DNA Preservation in the Caribbean

9:45 Jason Laffoon—Isobiographies of Indigenous Lifeways: A Review of Dental Multi-isotope Data from the Caribbean

10:00 Yadira Chinique de Armas, Silvia Hernandez Godoy, Ulises Gonzalez Herrera and Jason Laffoon—First Insights into the Mobility and Provenance of “Archaic Age” Indigenous Populations from Cuba Using a Three Isotope System ($^{87}\text{Sr}/^{86}\text{Sr}, \delta^{18}\text{O} \text{ and } \delta^{13}\text{Cen}$)

10:15 Questions and Answers

10:30 Elizabeth Perez, Daniel Koski-Karell and William Pestle—New Insights on the Earliest Inhabitants of Southwestern Puerto Rico: Bioarchaeology of the Ortiz Site Burials

10:45 Nicole Van Meter, William Pestle, Daniel Koski-Karell and Megan Carden—The Caribbean’s First Known Fossil Pendants: Objects of Adornment and Place-Making among the Earliest Inhabitants of Southwestern Puerto Rico

11:00 Ann Ross and Colleen Young—Island Occupation Strategies Not Homogeneous: Body Size and Shape of Individuals from Eleuthera, Bahamas

11:15 Corinne Hofman—Discussant

11:30 Mirjana Roksandic—Discussant

11:45 Reniel Rodriguez Ramos—Discussant

[20] POSTER SESSION: EXPERIMENTAL ARCHAEOLOGY AROUND THE WORLD

Room: Poster Hall
Time: 9:00 a.m.–11:00 a.m.

Participants:

20-a Jason Beller, Magen Hodapp, Genna Barela, Mitchell Cleveland and Chrissina Burke—What’s on the Menu? Experimental Archaeology and
Comparative Analysis of Burned Faunal Elements from the Houck Sites, Northeastern Arizona

20-b Anna Mika, Briggs Buchanan, Alastair Key, Michelle Bebber and Metin Eren—An Experimental Assessment of Clovis Knife Cutting Efficiency

20-c Nicholas Gala, Stephen Lycett and Metin Eren—Knapping Injuries: A Survey of Modern Knappers

20-d Katina Lillios, Rebecca Gallagher, Jonathan Thomas and Logan Moore—2D Morphometrics, Craft Production, and the Engraved Slate Plaques of Copper Age Iberia

20-e Aylar Abdolahzadeh and Mareike Stahlschmidt—A Controlled Pilot Experiment to Test the Impact of Freezing on Flint Artifacts

20-f Cindy Hsin-yee Huang, John Murray, Sydney James, Alexa Ithxayana Ferrer and Jonathan Paige—Flake It 'Til You Make It: Raw Material Quality, Skill, and Variation in Stone Tool Production

20-g Cameron Hill and Laurence Dumouchel—Actualistic Study of Puma (Puma concolor) Bone Surface Modification on Cow (Bos taurus) Remains

20-h Ryan Peterson—Cold Hammered Archaeology: An Experimental Archaeometallurgical Approach to Native Copper Working in the Lake Superior Basin

20-i Molly Herron and Kenneth Hladek—On the Tundra: An Archaeological Perspective of the Bering Land Bridge National Preserve, Alaska

20-j Emily McKenzie, Katherine Chiou, Madison Brake, Lisa Brazelton and Caleb Ranum—Out of the Frying Pan and into the Fire: Measuring the Effects of Charring on Chile Pepper (Capsicum spp.) Seed Morphology

20-k Magen Hodapp, Genna Barela and Chrissina Burke—The Taphonomic Effects of Chemically Enriched Fertilizer on Animal Bone

20-l Logan York, Marcus Schulenburg, Evan Rouse and Aaron Comstock—Testing Eastern Woodland Metallurgy: Reconstructing a Conducive History

[21]  

POSTER SESSION, ETHNOGRAPHY AND ETHNOARCHAEOLOGY  
Room: Poster Hall  
Time: 9:00 a.m.–11:00 a.m.

Participants:

21-a John Pryor and Waylon Coats—Toward a Miwuk Archaeology

21-b Nic Kennady—Living and Dying during a Pandemic: An Archaeological Comparison of the Influenza Pandemic of 1918 to COVID-19

21-c Troy Lovata—Archaeological and Interdisciplinary Perspectives on the Continental Divide National Scenic Trail in New Mexico, USA

21-d Lisa Kremer—A Feast for the Senses: The Aqllakuna and Inka State-Sponsored Dining

21-e Walter Dodd—Why Did Ceilings Evolve in Built Structures? An Ethnoarchaeological Lesson

21-f Julie Hoggarth—Impacts of the COVID-19 Pandemic on Women and Early Career Archaeologists
[22] POSTER SESSION • CLIMATE AND THE ENVIRONMENT  
Room: Poster Hall  
Time: 9:00 a.m.–11:00 a.m.  

Participants:  
22-a Kevin Gilmore—“When the Well Is Dry, We Know the Worth of Water”: Drought, Temporal Climate Variability, and Prehistoric Population Dynamics on the Western Margin of the Great Plains  
22-b Rachel Gill and Lisa Lucero—Zooarchaeological Analysis of Biodiversity and Health of the Ancestral Maya Forests of Central Belize  
22-c Marcos Martínez—Spatial Models of $\delta^{13}$C and $\delta^{15}$N Modern Plant Distributions across the South Central Andes  
22-d Marina Ellis and Logan Kistler—Archaeobotanical Impact of Precolumbian Andean Mining: Investigating Crop Phytoaccumulation of Lead and Mercury  
22-e Brooke Maybee, David Mixter and BrieAnna Langlie—Eucalyptus: A Symbol of Colonial Transformation in the Andes  
22-f R. J. Sinensky—The Agroecology of Early Farmers on the Southwestern Colorado Plateau  
22-g Steph Gruver, Kurt Rademaker and Matthieu Carre—Paleoindian Occupational Seasonality and Mollusks

[23] POSTER SYMPOSIUM • ZOOARCHAEOLOGY AND URBAN SOCIETIES  
(Sponsored by Zooarchaeology Interest Group)  
Room: Poster Hall  
Time: 9:00 a.m.–11:00 a.m.  
Chairs: Kara Larson and Pam Crabtree  

Participants:  
23-a David Ingleman and Vicky Oelze—From Life on the Beach to Death at the Palace: Dental Isobiographies of Nineteenth-Century Hawaiian Dogs  
23-b Maria Codlin—Animal Subsistence Economies at a Mesoamerican Metropolis: Teotihuacan  
23-c Joaquin Arroyo-Cabrales and Patricia Martinez-Lira—Faunal Remains from Monte Albán, Oaxaca Mexico: Subsistence, Ritual, Symbolic, and Utilitarian Aspects  
23-d Caroline Borges—Understanding the Diets, Foodways, and Food Production Systems during Colonial Times in the City of Recife, Northeast Brazil, through Animal Bones: First Insights  
23-e Pam Crabtree and Douglas Campana—Zooarchaeology and Urban Development at Early Medieval Antwerp, Belgium  
23-f Iride Tomazic, Kara Larson, Irina Arzhantseva and Alicia Ventresca Miller—Resilience on the Silk Road: Isotopic Evidence of Herd Management Strategies at the Urban Site of Dzhankent, Kazakhstan  
23-g Kara Larson and Geoffrey Ludvik—Identifying a Bone Tube Workshop: A Multi-method Zooarchaeological Approach at an Early Urban Center from Tell el-Hesi, Israel
23-h Christine Mikeska—Herding in Hattuša? Urban Animal Economy in the Northern Lower Town of LBA Boğazköy-Hattuša

Room: Poster Hall
Time: 9:00 a.m. – 11:00 a.m.
Chairs: Konnie Wescott and Conner Wiktorowicz

Participants:
24-a Amanda Maldonado and Laura Short—Archaic Presence at Avon Park Air Force Range
24-b Michelle Wurtz Penton, Peter Condon, Maria Hroncich-Conner, Ashley Norred and Trevor Lea—Intensive Survey of 4,400 Acres on the Sacramento Mountain Alluvial Fans: Settlement and Landscape Analysis within the Boles Water System Annex, Holloman Air Force Base, Otero County, New Mexico
24-d Neil Duncan, Sarah Barber, Thomas Penders and Sandra Wheeler—The Cape Canaveral Archaeological Mitigation Project: Six Years of Collaborative Research on Cape Canaveral Space Force Station
24-g Eric Nocerino, Karin Pitts-Olmedo, Clayton Lebow and Michelle Wienhold—Archaeological Studies in 2019-2020 Supporting Section 106 Compliance for the Firebreaks and Access Roads Maintenance Program, Vandenberg Space Force Base, Santa Barbara County, California
24-h Michelle Wienhold, Eric Nocerino, Douglas Harro and Clayton Lebow—Archaeological Data Recovery Excavations at CA SBA 695 on Vandenberg Space Force Base, Santa Barbara County, California
24-i Konnie Wescott, Kendra Kennedy, Mark Grippo, William Pringle and Peregrine Gerard-Little—Paleoenvironmental Research, Climate Modeling, and Coastal Archaeological Sites Monitoring at Tyndall AFB, Bay County, Florida
24-j Peregrine Gerard-Little, Dana MacDonald, Daniels O’Rourke and Conner Wiktorowicz—Environmental Reconstruction and Rural Landscapes: A
Multidisciplinary Approach to Exploring a Historic New Hampshire Farming Community

24-k Conner Wiktorowicz, Brian Shaw, Anya Kitterman, Daniels O’Rourke and Andy Orr—The Historic Military Archaeological Landscape of the Utah Test and Training Range

24-l Janice Campbell, Prentice Thomas, Aemie Nash, Charles Thomas and Shannon Brannon—Understanding Prehistoric Settlement across the Eglin Divide 35 Sites at a Time

24-m Paige Dobbins—Rediscovering Port Tampa Cemetery: A Multidisciplinary Survey of MacDill Air Force Base in Tampa, Florida

24-n Lynn Gierek, Morgan Blanchard and Margan Grover—New Dena’ina Settlement Identified on Joint Base Elmendorf–Richardson, Alaska

[25] Symposium Landscapes of Movement and Predation: Indigenous Responses to Colonialism and the Archaeological Record
Room: PDR #2
Time: 9:00 a.m.–12:00 p.m.
Chairs: Brenda Bowser and Catherine Cameron

Participants:
9:00 Brenda Bowser—Seeking Refuge in a Predatory Landscape: An Amazonian Perspective
9:15 Robbie Ethridge—Southeastern Indian Coalescent Societies: Origins and Questions
9:30 Neil Price—Pirate Utopias? Exploring Viking “Armies” as Aspirational Polities
9:45 Thiago Kater, Fernando Ozorio de Almeida and Cliverson Pessoa—From Colonizers to Colonized, from a Polychromic Cultural Unity to Fragments of Resistance: The Long-Term History of the Tupi-Guarani Peoples on the Upper Madeira River, Southwestern Amazonia

10:00 Lydia Wilson Marshall—Marronage beyond Slavery?
10:15 Catherine Cameron—Predatory Landscapes and Settlement Patterns: Using Ethnohistoric Data to Interpret the Past
10:30 Samantha Seyler and Richard Leventhal—Hiding in Plain Sight: Abandonment and Mobility of the Nineteenth- and Twentieth-Century Maya in the Yucatan
10:45 Ben Raffield—Conflict and Colonization in a Predatory Landscape: A View from Viking Age England

11:00 Andres Resendez—The Greatest Slave Revolt of the American Southwest
11:15 Fabiola Silva—Indigenous Narratives and Colonialism Archaeology
11:30 Charles Cobb—Discussant
11:45 Questions and Answers
SYMPOSIUM: ARCHAEOLOGY OF DEATH AND IDENTITY IN FORAGER COMMUNITIES
Room: Conference Room 4M
Time: 9:30 a.m.–12:00 p.m.
Chairs: Jessica Cerezo-Román and Jim Watson

Participants:
9:30 Brianna Muir, Hiep Trinh, Anna Willis, Kate Domett and Marc Oxenham—Exploring Personhood and Identity in an Early Seventh-Millennium Hunter-Gatherer Community in Northern Vietnam
9:45 Jessica Cerezo-Román, Jessica Thompson, Alex Bertacchi, Elizabeth Sawchuk and Flora Schilt—Burning the Dead: Intentional Burning among Later Stone Age Hunters-Gatherers in Northern Malawi
10:00 Ben Potter—Ancient Burials at Upward Sun River, Central Alaska
10:15 Christopher Schmidt—The Mortuary Component of Middle and Late Archaic Trophy Taking
10:30 Moises Valadez—The Hidden Death: Prehistoric Burials of Northeastern Mexico
10:45 Juan Manuel Palomo Mijangos and Melissa Burham—Preceramic Occupation in the Maya Lowlands: Evidence from the Amoch Group at Ceibal Guatemala
11:00 Willa Trask, Emily Moes, Douglas Kennett and Keith Prufer—Mortuary Practices during the Late Paleoindian and Archaic Periods in the Southern Maya Mountains
11:15 Jim Watson and Randy Haas—When Is a Cemetery? Recursive Forager Occupation, Mortuary Deposits, and Social Memory at Soro Mik’aya Patjxa, Lake Titicaca Basin, Peru
11:30 Veronica Wesolowski—Entwined for Eternity: Insights about Remembrance and Shell Mound Builders’ Communities through Funerary Practices
11:45 Questions and Answers

SYMPOSIUM: ARCHAEOLOGY AND INTERPRETATION AT EVERGREEN PLANTATION, ST. JOHN THE BAPTIST PARISH, LOUISIANA
Room: Conference Room 4D
Time: 9:45 a.m.–12:00 p.m.
Chair: Jayur Mehta

Participants:
9:45 Jane Boddie—Evergreen Plantation: Defining Identity from Multiple Perspectives
10:00 Katy Shannon—Discovering the Ancestors: The History of Evergreen Plantation
10:15 Jason Church, Ina Sthapit, Sreya Chakraborty and Isabella Jones—Evergreen Plantation in the Digital Era
10:30  Bryan Haley—Ground Penetrating Radar Investigations of the Enslaved Community Village at Evergreen Plantation
10:45  Jayur Mehta—Ritual and Religion, Archaeology, and Enigmatic Material Culture from a Louisiana Sugar Plantation
11:00  Gloria Church—The Mortar and Brick Analysis of Archaeological Remains from Evergreen Plantation
11:15  Jannah Mitchell—Remembering the Ancestor: Familial Histories in St. James and St. John the Baptist Parishes
11:30  Alisha Gaines and Natalie King-Pedroso—In the Wake of Evergreen: Teaching after the Plantation
11:45  Christopher Rodning—Discussant

[28]  SYMPOSIUM  RECENT RESEARCH IN NORTHERN NORTH AMERICA
Room: Boulevard B
Time: 10:00 a.m.—12:00 p.m.
Chair: Donald Holly

Participants:
10:00  Jennifer Routledge, Christian Sonne, Rune Dietz and Paul Szpak—Contextualizing Modern Arctic Warming through Comparison with a Past Warming Event: Stable Isotopic Evidence from Polar Bears over 4,000 Years
10:15  Donald Holly and Christopher Wolff—Scaling Up and Bearing Down: Historic Period Changes in Beothuk Architecture, Social Organization, and Property Rights
10:30  Adam Rorabaugh and Kate Shantry—A Social Network Analysis of Traditional Labrets and Horizontal Relationships in the Salish Sea Region
10:45  Christopher Donta—The Troublesome Distribution of Ulus in Time and Space
11:00  Don Butler—Diversity in Proto-Athapaskan Land Use off the West Coast of Hudson Bay, Subarctic Nunavut
11:15  Amy St. John—Inside Perspectives on Ceramic Manufacturing: Visualizing Ancient Potting Practices through Micro-CT Scanning
11:30  Peter Timmins—The Dorchester Precontact Iroquoian Village: Dissecting a Spatial Archaeological Palimpsest
11:45  Lindi Masur—Vegetal Agency and the Taste of Place: Relationships with Flavorful Wild Plants in the Agricultural Landscapes of the Lower Great Lakes
[29] **Symposium: Late Intermediate Archaeology in the Andes**

**Room:** Lake Ontario  
**Time:** 10:00 a.m.–12:00 p.m.  
**Chair:** Jessica Smeeks

**Participants:**

10:00 Dante Pareja, Javier Iñañez, Rémy Chapoulie and Luisa Diaz—Ceramic Production Technologies on the Central Coast from the Late Intermediate to the Late Horizon: Study of Ychsma Ceramics (AD 1250–1532), Lima, Peru

10:15 Izumi Shimada and Paloma Carcedo—Significance of Human Blood and Cinnabar: A New Perspective from the Prehispanic North Coast of Peru

10:30 Francisca Santana Sagredo, Andrea Czermak, Julia Lee-Thorp, Rick Schulting and Mauricio Uribe—The Life, Journeys, and Traumas of the Slingshot Woman: A Case Study from the Pica 8 Cemetery, Atacama Desert (Northern Chile)

10:45 Genesis Torres Morales, Feren Castillo-Lujan and Celeste Gagnon—An Interdisciplinary Analysis of the Chimú at the Huacas de Moche during the Late Intermediate Period (AD 1000–1470)

11:00 Jessica Smeeks—Sensory Awareness as a First Line of Defense: Viewshed and Line-of-Sight Analyses of Late Intermediate Period Sites in Ayacucho, Peru

11:15 Ana Carito Tavera Medina, Estefany Campos and Aaron Grados—Extendiendo fronteras agrícolas, campos de cultivo en tiempos Chimú: Quebrada del Oso

11:30 Céline Erauw—The Pyramids with Ramps of the Site of Pachacamac, Peru: Results from a Recent Archaeozoological Analysis

11:45 Curran Fitzgerald—Zooarchaeological Perspectives on the Organization of Domestic Space and Socio-environmental Entanglements at Las Peñas, a Late Intermediate Period Site in the Upper Moquegua Drainage of Southern Peru

[30] **Symposium: Isotopic Methods, Mobility, and Exchange**

**Room:** Continental A  
**Time:** 10:30 a.m.–12:00 p.m.  
**Chair:** Derek Hamilton

**Participants:**

10:30 Derek Hamilton, Kerry Sayle and Katharine Steinke—Inferring Population Mobility in the Past Using Sulfur Isotope Analysis

10:45 Charles Speer—A New Method for Trace Element Analysis of Large Artifacts

11:00 John Samuelsen—A Test of Trace Element Analysis for Detecting Pb and Sr Contamination in Ancient Human Tooth Enamel

11:15 Amanda Burtt—Stable Isotope Analysis of Canid Teeth from the Angel Site (12Vg1)
11:30 Virginie Renson, Benjamin Barnes, Evan Peacock, David Pollack and Simon Sherman—Elemental and Isotopic Geochemistry of Freshwater Shells to Source Shell-Tempered Ceramics
11:45 Sarah Hall, Claudia Rojas-Sepúlveda and Kelly Knudson—Migration and Structural Inequality: Lessons from a Historical Skeletal Assemblage from Bogota, Colombia

[31] SYMPOSIUM DIGITAL ARCHAEOLOGY, DATING, AND DOMESTIC CONTEXTS IN ALASKA
Room: Continental B
Time: 10:30 a.m.—12:00 p.m.
Chair: Anne Jensen
Participants:
10:30 Emily Fletcher—Creating a Software Methodology to Analyze and Preserve Archaeological Legacy Data
10:45 Nicholas Schmuck—Human Behavioral Ecology and the Colonization of Unfamiliar Landscapes
11:00 Nathan Shelley and Kelly Graf—Spatial Analysis of the Late Pleistocene Components at the McDonald Creek Site, Interior Alaska
11:15 Robert Sattler, Robert Bowman, Michael Grooms, Carrin Halffman and Joshua Reuther—Rampart Canyon: Dated Components in the Middle Reach of the Yukon River, Alaska
11:30 Anne Jensen and Anthony Krus—Radiocarbon Dating the Birnirk and Thule Occupations at Walakpa, North Slope, Alaska
11:45 Camille Mayeux, Claire Alix, Owen Mason and Christophe Petit—Archaeoentomology and Archaeobotany within Three Neo-Inuit Houses in Northwest Alaska: Insights into Site Taphonomy and Domestic Practices

[32] SYMPOSIUM BRONZE AGE ARCHAEOLOGY IN EAST ASIA
Room: PDR #3
Time: 11:00 a.m.—12:00 p.m.
Chair: Lauren Ledin
Participants:
11:00 Yifan Wang, Luxia Cheng, Yu Dong and Cuimin Zhang—Dietary Strategies and Subsistence Practice in the Liaodong Peninsula of Bronze Age China: Stable Isotopic Evidence from Yujia
11:15 Qingzhu Wang, Jianli Chen, Siran Liu and Hui Fang—Diachronic Changes in Lead Isotope Data for Bronzes and the Implications to the Shang Political Economy
11:45 Lauren Ledin and Hongbin Yue—New Perspectives on Age in Early China: A Bioarchaeological Life Course Approach to the Late Shang Capital of Yinxu
[33] **SYMPOSIUM • ARCHAEOLOGY OF GREENLAND**  
Room: Boulevard A  
Time: 11:00 a.m.–12:00 p.m.  
Chair: Christian Madsen  
Participants:  
11:00 Christian Madsen, Michael Nielsen, Aka Simonsen Bendtsen, Birte Olsen and Thomas McGovern—Traumatic Transformation? Early Inuit in South Greenland  
11:15 Wendi Coleman—Pinnipeds at Alluitsoq Fjord: A Zooarchaeological Investigation  
11:30 Aka Simonsen Bendtsen, Christian Madsen, Michael Nielsen and Birte Olsen—White Fang Traps: Archaeological Analyses of Carnivore Traps in Greenland  
11:45 Thomas McGovern, Aka Bendtsen, Kirstine Møller, Cameron Turley and Christian Madsen—Climate Change and Collaborative Response in Greenland

Thursday Afternoon • March 31, 2022

[34] **SYMPOSIUM • MONUMENTALITY IN THE PRECLASSIC NORTHERN MAYA LOWLANDS**  
Room: PDR #3  
Time: 1:00 p.m.–2:30 p.m.  
Chair: Ryan Collins  
Participants:  
1:00 Evan Parker, George Bey III and Tomás Gallareta Negrón—Chronological and Spatial Context for the Early Maya Ballgame: The View from Paso del Macho, Yucatán  
1:15 Nancy Peniche May and Susana Echeverría Castillo—Multitasking in the Game: The Middle Preclassic Ballcourts of the northwest Yucatan  
1:30 Melissa Galvan and William Ringle—Early Monumentality in the Puuc Region, Yucatan  
1:45 Harper Dine and Chelsea Fisher—Monumentality and Temporalities of Space at Tzcauil  
2:00 Ryan Collins and Travis Stanton—Unity among Outliers? Toward a Typology of Formative Northern Lowland Maya Monumental Complexes  
2:15 M. Kathryn Brown—Discussant
SYMPOSIUM, ETHNOGRAPHY, ETHNOHISTORY, AND SACRED NARRATIVES
Room: Conference Room 4M
Time: 1:00 p.m.–2:30 p.m.
Chair: Caroll Davila

Participants:
1:00  Cuauhtémoc Vidal Guzmán—Political History beyond the Codices: Understanding the Role of Omitted Polities in the Postclassic Mixteca Alta
1:15  Caroll Davila, Angel Iván Rivera and Jennifer Saumur—Sacred Narratives and Sacred Landscape in the Zapotec Region: The “Rua Bell’la Tsia” Cave in Tagayu (San Pablo Macuiltianguis), Oaxaca, Mexico
1:30  Jonathan Extract—A View From Above: An Iconographic Genealogy of the Representation of Space in Mesoamerica
1:45  Julieta Flores-Muñoz—Revisiting Tochan: Mapping the House of the Nahua through Oral Narratives
2:00  Marianne Sallum and Francisco Silva Noelli—The Pots and the Senses in the Communities of Agroforestry Practices from Southeast São Paulo, Brazil
2:15  Francisco Rivera—UAV Photogrammetry and 3D Modeling of the Historical Fishing Heritage of Rivière-Saint-Paul, Canada

The Ethics Bowl
Room: Waldorf Room
Time: 1:00 p.m.–3:00 p.m.

FORUM, EXPLORING DATA STEWARDSHIP WITH TDAR, OPEN CONTEXT, AND DINAA
Room: Continental C
Time: 1:00 p.m.–3:00 p.m.
Moderators: Christopher Nicholson and Sarah Kansa

Participants:
Neha Gupta—Discussant
Christopher Nicholson—Discussant
Sarah Neusius—Discussant
Rachel Fernandez—Discussant
Sarah Kansa—Discussant
Joshua Wells—Discussant

FORUM, SPEED-MENTORING “Office Hours”
(Sponsored by Women in Archaeology Interest Group)
Room: Continental A
Time: 1:00 p.m.–3:00 p.m.
Moderator: Alison Rautman
Participants:
Marieka Brouwer Burg—Discussant
Karen Harry—Discussant
Barbara Roth—Discussant
Laura Hronec—Discussant
Meghan Howey—Discussant
Tia Watkins—Discussant
Sarah Herr—Discussant
Maria Bruno—Discussant
Erin Baxter—Discussant

[38]  **Poster Session: Paleodiet and Foodways**
**Room:** Poster Hall
**Time:** 1:00 p.m.–3:00 p.m.

Participants:
38-a  Caitlin Conly, Mark Schurr and Deniz Kaya—Human Diet at Provadia-Solnitsata: Evidence from Stable Isotopes
38-b  Isabella Roselli, Lacey Carpenter and Hannah Lau—The Organization and Tools of Domestic Food Preparation at the Tilcayeté Sites in Oaxaca, Mexico
38-c  Melina Luu—A Metadata Analysis of Archaeological Dental Calculus Studies, 2000–2020
38-d  Jennifer Chen, Randy Haas, BrieAnna Langlie and James Watson—A Mixed Archaic Diet on the Andean Altiplano, 9.0–6.5 ka
38-e  Emilie Cobb, Sara Juengst, Bethany Turner-Livermore and Richard Lunniss—Dietary Changes at Salango: An Analysis of Isotopic Data from the Guangala Culture
38-f  Virginia Lucas—A Zooarchaeological Approach to Subsistence Practices of the Lowland Virgin Branch Puebloans in the Moapa Valley from Basketmaker II to Pueblo III (300 BC–AD 1250)
38-g  Larkin Chapman, Andrew Somerville and Matthew G. Hill—Stable Isotope Analysis of Animal Remains from Late Prehistoric (Oneota) Villages in Central Iowa Reveals Reliance on Maize

[39]  **Poster Session: Archaeometry**
**Room:** Poster Hall
**Time:** 1:00 p.m.–3:00 p.m.

Participants:
39-a  Tyler Roberts, Amber Carroll and Kori Newlander—Distinguishing between Historic Glass Makers in the Middle Atlantic Using Portable X-Ray Fluorescence Spectrometry
39-b  Amber Carroll, Tyler Roberts and Kori Newlander—Building a Recipe Book of Historic Pottery Using Portable X-Ray Fluorescence Spectrometry
39-e Anthony Farace and Neill Wallis—Visualizing a Swift Creek Vessel Using Nano-CT and 3D Imaging
39-f Paul Szpak and Eric Guiry—Improved Quality Control Criteria for Stable Carbon and Nitrogen Isotope Measurements of Ancient Bone Collagen
39-g Linda Scott Cummings and R. A. Varney—Better Dating through Chemistry and Micro-provenience: What Happens When You Date Multiple Locations on Ceramic Vessels?
39-h Jennifer Banks and Crystal Dozier—Ceramic Microfossil Residues from the Merchant Site (LA3414)
39-i Jayde Hirniak, John Murray and Andrew Zipkin—Developing an Empirical Calibration for Elemental Characterization and Sourcing of South African Silcrete with pXRF
39-j Savannah Gann and Crystal Dozier—Starch in Deflocculation: The Effects of Calgon on Ancient Starch Recovery
39-k Ann Cordell, Neill Wallis and Thomas Pluckhahn—Final Report on Ceramic Petrography of Woodland Period Swift Creek Complicated Stamped Pottery in Florida and the Lower Southeastern United States
39-l KC Jones, Travis Jones and R. A. Varney—Assessing Hydrofluoric Acid Digestion of Siliceous Clay Matrices and Its Utility in AMS Dating of Fiber-Tempered Ceramics

[40] **POSTER SYMPOSIUM QUANTITATIVE MODELING OF ARCHAEOLOGICAL DATA**  
(Sponsored by Quantitative Methods & Statistical Computing Interest Group [QUANTARCH])
**Room:** Poster Hall  
**Time:** 1:00 p.m.–3:00 p.m.  
**Chairs:** Jesse Wolfhagen and Erik Otárola-Castillo
**Participants:**
40-a Jesse Wolfhagen—Examining “Young Male Culling” with Bayesian Multilevel Mixture Models
40-b Gayoung Park, Li-Ying Wang and Ben Marwick—How Do Archaeologists Write about Racism? Computational Text Analysis of 41 years of Society for American Archaeology Annual Meeting Abstracts
40-c Melissa Torquato and Erik Otárola-Castillo—Expanded Temporal Windows When Examining the Effects of Climate Change on the Foraging-Farming Transition in Eastern North America
40-d Davin Miller, Erik Otárola-Castillo and Gabriela De La Puente-León—Modeling Early Human Migration Patterns in South America: Merging
Bayesian Spatial Analyses and Agent-Based Modeling along the Peruvian Coastline

40-e  Trevor Keevil, Sarah Coon, Melissa Torquato, Jacob Harris and Erik Otárola-Castillo—Who Killed the Mammoth? Applying 3D Geometric Morphometrics, Deep Learning, and Bayesian Inference to Identify the Cause of Bone Surface Modifications

40-f  Erika Denker, Trevor Keevil, Melissa Torquato and Erik Otárola-Castillo—Prehistory Bites Back: Replicating Animal Bite Marks on Bone Surfaces

40-g  Sarah Coon, Jacob Harris, Trevor Keevil, Melissa Torquato and Erik Otárola-Castillo—Morphometric Comparison of Human Butchery Evidence to Canid Modifications within a Bayesian Framework

40-h  Zenobie Garrett and Erin Crowley-Champoux—Irish Ring-Ditches: A Multivariate Approach

40-i  Gabriela De La Puente-León, Hannah Lipps, Melissa Torquato, Trevor Keevil and Erik Otárola-Castillo—Mapping Early Archaeological Sites along the Central Coast of Peru

40-j  Erik Otárola-Castillo, Melissa Torquato, Trevor Keevil and Matthew E. Hill—13,000 Years of Climate Change and Food-Security Risk Management of Great Plains Foragers and Farmers

[41]  **POSTER SYMPOSIUM**  
ARCHAEOLOGIES OF PRACTICE: RESEARCH IN HONOR OF JUDITH A. HABICHT-MAUCHE

**Room:** Poster Hall  
**Time:** 1:00 p.m.—3:00 p.m.  
**Chair:** Suzanne Eckert

**Participants:**

41-a  Judith Habicht-Mauche, Suzanne Eckert, Danielle Huerta and David Ingleman—Archaeologies of Practice: Research in Honor of Judith A. Habicht-Mauche

41-b  Andrew Duff, Judith Habicht-Mauche and Rob Franks—Glaze-Paint Composition in the Upper Little Colorado and Western Zuni Regions

41-c  Jeffrey Ferguson, Suzanne Eckert, Deborah Huntley and Judith Habicht-Mauche—Why Is the Grass Always Blue-Greener in Your Neighbor’s Yard? Long-Distance Resource Acquisition at Goat Spring Pueblo, NM

41-d  Kari Schleher and Judith Habicht-Mauche—Unexpectedly Glazed: Pueblo II Period Glaze-Painted Pottery from the Northern San Juan Region

41-e  Jay Stephens, David Killick and Shadreck Chirikure—X-files of Southern Africa: Investigating the Geological Provenance of Croisettes and Other Copper Ingots in Southern Africa

41-f  David Phillips, Hayward Franklin, Suzanne Eckert and Ballagh Jean—The Hopi Area Connection at Pottery Mound

41-g  Elizabeth Bagwell and Christina Conlee—Compositional Analysis of Ceramics and Adobe: The Influence of Dr. Judith Habicht-Mauche
Program of the 87th Annual Meeting

Thursday Afternoon, March 31

41-h Chester Liwosz—Northern Rio Grande Public Archaeology: The Mesa Prieta Petroglyph Project
41-i Diane Gifford-Gonzalez—Constructing Community with Trash
41-j Mark Agostini, Judith Habicht-Mauche and Rob Franks—Ancestral Pueblo Pottery Production at San Gabriel del Yungue Owinge
41-l Delphi Huskey and Eden Washburn—Weaning and Early Childhood Diet during the Late Intermediate Period in the Peruvian Northern Highlands
41-m Samantha Linford—We Found the Schist! An Archaeology Adventure from Tijeras to Los Alamos
41-n Timothy Wilcox—Large-Scale Ceramic Analysis: The Social Lives of Bricks at Stanford University
41-o Danielle Huerta—Searching for Those Who “Practiced”: An Ethnographic Perspective on Rio Grande Glaze Ware Glaze F Production
41-p Sarah Peelo and Jun Sunseri—Archaeologies of the Colonial Encounter: Sharing a Pedagogical Legacy across Professions, Generations, and Communities

[42] Symposium Ties That Bind: Creating Community in Early Ireland
Room: Conference Room 4D
Time: 1:00 p.m.–3:00 p.m.
Chairs: Rachel Scott and John Soderberg

Participants:
1:00 Susan Johnston—Mobility, Meaning, and Identity in the Context of the Irish Iron Age
1:15 Erin Crowley-Champoux—Cattle Lords Reconceptualized: Cattle Wealth and Exchange in Late Prehistoric Ireland
1:30 John Soderberg—Animals and Monasticism in Early Medieval Ireland
1:45 Rachel Scott—Religious Practice and Community Identity in Early Medieval Ireland
2:00 Mary Valante—“Sending Round the Drinking Horns”: Drink, Social Obligation, and Identity in Viking-Age Ireland
2:15 Finola O’Carroll—The Community of the Faithful
2:30 Niall Brady—Later Medieval Transformations: A Fragility of Binding Ties or the Absence of Joined-Up Thinking
2:45 Questions and Answers
[43] **Lightning Round: Toward an Archaeology of Pastoralist Communities**

Room: Continental B  
Time: 1:00 p.m.–3:00 p.m.  
**Moderator:** Tekla Schmaus  
**Participants:**  
Tekla Schmaus—Discussant  
Lorraine Hu—Discussant  
BrieAnna Langlie—Discussant  
Bukhchuluun Dashzeveg—Discussant  
Asa Cameron—Discussant  
Hannah Chazin—Discussant

[44] **Symposium: Current Historical Archaeology and Heritage in the Caribbean**

Room: Boulevard B  
Time: 1:00 p.m.–3:15 p.m.  
**Chairs:** Odlanyer Hernandez-de-Lara and Paola Schiappacasse  
**Participants:**  
1:00 Julissa Collazo López—Gender, a Not So Visible Traveler: Imperial Strategies on the Imposition of Gender Roles in Early Spanish Settlements in the Americas  
1:15 Kia Taylor Riccio and Douglas Armstrong—Foodways and Hidden Histories in Seventeenth-Century Dominica  
1:30 Gelenia Trinidad-Rivera—“Apprehend the Flawed”: Social Disability in the Advertisements of the Newspaper *La Gaceta del Gobierno de Puerto Rico*, 1831–1833  
1:45 Todd Ahlman and Ashley McKeown—The History and Archaeology of the St. Croix Leper Hospital, St. Croix, US Virgin Islands  
2:00 Odlanyer Hernandez-de-Lara and Esteban Grau González-Quevedo—Bunkers and Trenches from the Cold War: Documenting a Forgotten Heritage from the Cuban Missile Crisis (1962)  
2:15 Joseph Sony Jean—A Material Heritage Turn for Narrating Haitian History  
2:30 Pauline Kulstad-González—Assessing the Usefulness of Caribbean Legacy Collections: The Case of Parque Histórico y Arqueológico de la Vega Vieja [La Vega Vieja Historical and Archaeological Park], Dominican Republic  
2:45 Paola Schiappacasse—Discussant  
3:00 Questions and Answers
Room: Lake Erie
Time: 1:00 p.m.—3:30 p.m.
Chairs: Seth Mallios and Kathleen Hull

Participants:
1:00 Elliott Blair—Neighborhood Archaeology at Seventeenth-Century Mission Santa Catalina de Guale
1:15 Glenn Farris—A Kashaya Village (SON-174) at Fort Ross in the 1840s–1850s: A Case Study in Historical Anthropology
1:30 Seth Mallios—An Architecture of Resilience, Community, and Historical Minstrelsy at the Nathan Harrison Cabin Site
1:45 Lee Panich—Holistic, Diachronic, and Broadly Comparative: The Lightfoot "Holy Trinity" and the Historical Anthropology of Colonial California
2:00 Thomas Wake—Kent Lightfoot and the Zooarchaeology of Traditional Foodways
2:15 Scott Byram—Lightening Archaeology’s Footprint: Archival and Ground-Penetrating Radar Survey on the California Coast
2:30 Sandra Hollimon—Walipo Practitioners, Lukeria Aipau Myers, and Fort Ross Man: A Metini Lineage’s Role in Kashaya Archaeology and Ethnography
2:45 John Holson—Social Memory, Cultural Continuity, and Population Shifts: Reexamining Models of San Francisco Bay Shore Native Occupations and Their Applicability to Interior North Coast Ranges Sites
3:00 Kathleen Hull—Turning the Tables: Interpreting the Deep Past in Light of Insights from the Recent Past
3:15 Lynne Goldstein—Discussant

[46] Symposium: 20,000 Years Under the Gulf: Exploring Recent Research in the Gulf of Mexico from Submerged Paleolandsapes to Historic Shipwrecks
Room: Williford Room C
Time: 1:00 p.m.—3:45 p.m.
Chairs: Melanie Damour, Shawn Joy and Ryan Duggins

Participants:
1:00 Shawn Joy—Coastally Adapted: Developing Model for Coastal Paleoindian Sites on the Gulf of Mexico Continental Shelf
1:15 Ryan Duggins and Heather Walsh-Haney—Inundated Wet-Site Archaeology: Manasota Key Offshore and the Future of Submerged Precontact Archaeology on the Continental Shelf
1:30 Analise Hollingshead, Tara Skipton, Jayur Mehta, Brian Ostahowski and Theodore Marks—We’re Far from the Shallow Now: Assessing Climate Change Impacts in the Gulf of Mexico
1:45 Morgan Smith and Shawn Joy—Quarried Landscapes in Apalachee Bay: A View from Clint's Scallop Hole

2:00 Morgan Smith—Discussant

2:15 Christopher Horrell, Melanie Damour, Roberto Junco and Frederick Hanselmann—Conquest: The Lost Ships of Cortés Project and the Search for a 500-Year-Old Scuttled Fleet

2:30 James Delgado—Clotilda: The Archaeology and Legacy of an Infamous Schooner

2:45 Melanie Damour, Douglas Jones, Warren Wood and Leila Hamdan—Exploring Deepwater Shipwreck Microbiomes in the Northern Gulf of Mexico: The Microbial Stowaways Project

3:00 Amy Borgens—The Dugout and the Lost City

3:15 Douglas Jones, Melanie Damour and Jason Chaytor—X Marks the Spot . . . for Now: Subsea Mudflows and Moving Shipwrecks on the Mississippi River Delta Front

3:30 Questions and Answers

[47] **Symposium: Climatic Influences on Diet, Demography, and Conflict**

**Room:** Lake Huron

**Time:** 1:00 p.m.–4:00 p.m.

**Chairs:** Kurt Wilson and Weston McCool

**Participants:**

1:00 Peter Yaworsky and Shumon Hussain—Terminal Pleistocene Environmental Changes and the Impacts on Human Reindeer Reliance

1:15 Kasey Cole—Climate and Human Population Impacts on Holocene Artiodactyl Abundance and Distribution in Northeastern California

1:30 Adolfo Gil, Jacob Freeman, Eva Peralta, Manuel López and Gustavo Neme—Looking in the Border: Variation in Central Western Argentina Human Population Dynamics and the Spread of Maize Farming

1:45 Erin Ray, Nadia Neff, Douglas Kennett and Keith Prufer—Diet and Resilience in Southern Belize during the 4.2 kybp Aridification Event

2:00 Kurt Wilson, Brian Codding, Weston McCool, Daniel Contreras and Joan Brenner Coltrain—Climate Change Drives 7,000 Years of Dietary Variation in the Central Andes

2:15 Darcy Bird, Andrew Gillreath-Brown, R. Kyle Bocinsky and Timothy Kohler—Climate, Maize, and Demography: A Case Study from the Southwestern United States

2:30 Kenneth Vernon, Jerry Spangler, Brian Codding, Weston McCool and Peter Yaworsky—Resilience to Climate Change among Farmers in the Basin-Plateau Region

2:45 Steven Hackenberger, James Brown and James Chatters—Responses to Paleoclimate Variation on the Columbia Plateau: Conflict, Settlement Distribution, and Subsistence Patterns
3:00  Weston McCool, Brian Codding, Kurt Wilson, Norbert Marwan and Douglas Kennett—Climate Change Induced Population Pressure Drives High Rates of Lethal Violence in the Prehispanic Central Andes

3:15  Christopher Jazwa—Resource Defense and Environmental Change in Late Holocene Interior Santa Rosa Island

3:30  Evan Holt and Stefani Crabtree—Archaeological Lessons for Modern Ecology and Sustainability

3:45  Daniel Sandweiss—Discussant

[48]  **SYMPOSIUM: THE MID-SIXTH-CENTURY CLIMATIC CRISIS AND SIXTH- TO SEVENTH-CENTURY AFTERMATH IN MESOAmerICA AND BEYOND**

Room: Astoria Room  
Time: 1:00 p.m.—4:00 p.m.  
Chair: Joel Gunn

Participants:
1:00  Joel Gunn—536 CE Crisis and Its Aftermath in Mesoamerica: A Global View

1:15  Jon Lohse—Sixth-Century Climate Change: A Political Ecology View of Turmoil and Reorganization in Early Classic Central America

1:30  Payson Sheets—How Do Sectors of Societies Benefit from Natural Disasters?

1:45  Nuria Torrescano-Valle, Alfredo Yanez-Montalvo and Gerald Islebe—Peten Campechano Evidence of Climatic Crisis from the Fifth through Seventh Centuries

2:00  Vera Tiesler and Raúl López Pérez—Surviving the Sixth- to Seventh-Century Climatic Crisis: Reappraising Physiological Stress Markers in Early Classic versus Late Classic Maya Populations

2:15  David Lentz, Nicholas Dunning, Vernon Scarbrough, Stephanie Meyers and Trinity Hamilton—The Fall and Rise of the City of Tikal in the Maya Heartland

2:30  Sheryl Luzzadder-Beach and Timothy Beach—Some Cases of Water and Soil Management in the Maya Lowlands through the 536 and 540 CE Events

2:45  Thomas Guderjan and Colleen Hanratty—Before and After AD 500 in Northwestern Belize

3:00  Alexandre Tokovinine—Gaps and Narratives: Maya Accounts of the End of the Early Classic Period

3:15  Kathryn Reese-Taylor, Felix Kupprat, Nicholas Dunning, Armando Anaya Hernández and Debra Walker—Kan’u’l Regime, Expansion, and Transformations in the Sixth through Eighth Centuries

3:30  Questions and Answers

3:45  Arlen Chase—Discussant
[49] **Symposium: Spaces in Between: Communities and Counterpublics in the Americas**  
Room: PDR #2  
Time: 1:00 p.m.–4:15 p.m.  
Chairs: Jessica MacLellan and Scotti Norman  

**Participants:**  
1:00 Jessica MacLellan—Finding Counterpublics and Communities in Maya Archaeology  
1:15 Samantha Fladd and Sarah Oas—Mealing Matters: Revisiting Women’s Spaces as Counterpublics in the Pueblo Southwest  
1:30 Sofia Chacaltana-Cortez—Beyond the Public and the Private at the Moquegua Valley from the LiP to the Early Colonial Period  
1:45 Megan Kassabaum and Anna Graham—Public Works or Private Spaces? Considering Mound-and-Plaza Centers in the American Southeast  
2:00 Melissa Burham—Minor Temple Complexes as Semi-public Spaces at Preclassic Ceibal, Guatemala  
2:15 Jeffrey Brzezinski—Space, Place, and Other-Than-Human Traces: Going beyond People to Deconstruct the Public/Private Dichotomy in Pre Columbian Coastal Oaxaca  
2:30 Mallory Matsumoto—Other-Than-Human Scribes and Classic Maya Ritual Community  
2:45 Lisa Overholtzer—Subaltern Counterpublics, the Tlaxcala Cabildo, and Colonized Women at Tepetitncpac, Mexico  
3:00 Victor Castillo—Colonial Highland Maya Dance: Archaeological and Historical Perspectives from the Murals of Chajul, Guatemala  
3:30 Questions and Answers  
3:45 Lisa Lucero—Discussant  
4:00 Jerry Moore—Discussant

[50] **Symposium: Making Ground: The Archaeology of Waste Landscapes**  
Room: Boulevard A  
Time: 1:00 p.m.–4:15 p.m.  
Chairs: Jonathan Gardner, Matthew Edgeworth and Jeff Benjamin  

**Participants:**  
1:00 Jonathan Gardner—Gaining Ground: Demolition Waste as Raw Material  
1:15 Elizabeth Graham, Richard Macphail, Julia Stegemann, Simon Turner and Daniel Evans—A Dirty Business  
1:30 Estelle Praet, Raveena Tamoria and John Schofield—Trouble in Paradise: Archaeology’s Role in the Multidisciplinary Study of Waste Landscapes in and around Galapagos
1:45 Angela McClanahan-Simmons—Cultural Projects, “Edgelands,” and the Permanent Reimaging of Landscape
2:00 Matthew Edgeworth—Up-scaling Archaeological Methods to Deal with Waste Landscapes
2:15 Questions and Answers
2:30 Alexa Spiwak—Bastard Rock, Bastard Landscapes: Remnants of the North Wales Slate Industry
2:45 Mats Burström—Lasting Marks of Ship Ballast
3:00 Hilary Orange—Waste Heaps as High Points: Lighting IBA Emscher Park
3:15 Catherine Fennell and Rebecca Graff—Chicago’s Wastelands
3:30 Jeff Benjamin—The Plate and the Print: Figure and Field in the Anthropocene
3:45 Esther Breithoff—Conflict Landscapes as Outdoor Museums: The Arts of Living on a Damaged Planet in Laos and Beyond
4:00 Jonathan Gardner—Discussant

[51] Symposium Archaeology with Altitude Part 2: Papers in Honor of Mark Aldenderfer
Room: Williford Room A
Time: 1:00 p.m.—4:30 p.m.
Chairs: Randy Haas and Fumie Iizuka

Participants:
1:00 John Kantner—It’s Not All Ritual: Understanding the Religion of Chaco Canyon
1:15 Fumie Iizuka—Sedentism, Exchange, and Sea Level Rise: Inter-site Ceramic Variability of the Late Pleistocene Tanegashima Island, Japan
1:30 Marcel Kornfeld and Mary Lou Larson—Coping with Rocky Mountain High
1:45 Lawrence Todd and Daniel Dalmas—Long-Term Landscape Scale Archaeological Research in Greater Yellowstone Ecosystem, NW Wyoming
2:00 Jason LaBelle and Kelton Meyer—The Emergence of Leadership in the Alpine Country: Hunting Blinds and Game Drives of the Colorado Front Range, USA
2:15 Christina Warinner—High-Altitude Food Culture in Prehistoric Nepal
2:30 Hildegard Diemberger—Reflections on the Archaeology of Paper on the Tibetan Plateau
2:45 Richard George, Weston McCool and Douglas Kennett—Modeling Climate-Population-Conflict Relationships in the Maya and Nasca Regions
3:00 Jelmer Eerkens, Kevin Vaughn, Moises Linares-Grados and Christopher Beckham—Stable Isotope Analysis of Faunal Remains and the Development of Pastoralism and Agriculture in the Nasca Region from Faunal Remains
3:15 Thomas Snyder and Randy Haas—Quantifying the Utility of Satellite Survey for Archaeological Site Discovery: An Experimental Analysis in Southern Peru
3:30  Luis Flores-Blanco—Kaillachuro: The Roots of Monumental Architecture in the Titicaca Basin, Central-Southern Andes
3:45  Patricio De Souza and Isabel Cartajena—Exploring 10,000 Years of Projectile Technologies Evolution at the Atacama Desert Highlands (South-Central Andes)
4:00  Michael Jochim—Discussant
4:15  Mark Aldenderfer—Discussant

[52]  **SYMPOSIUM: EXPLORING THE ORIGINS OF VILLAGE LIFEWAYS IN THE EASTERN PLAINS: RECENT DATA FROM JOY CREEK MAJOR (13PM7), NORTHWEST IOWA**

**Room:** Joliet  
**Time:** 1:00 p.m.—4:45 p.m.  
**Chair:** John Doershuk

**Participants:**

1:00  John Doershuk—Introduction to the Joy Creek Major (13PM7) Research Project
1:15  Lara Noldner and Jennifer Mack—Mill Creek Mortuary Practice: The View from 13PM7
1:30  Bryan Kendall—Natural Stratigraphy of Joy Creek Major (13PM7) and Surrounding Areas
1:45  Kenneth Kvamme—Magnetic Gradiometry at the Joy Creek Major Site (13PM7), Iowa
2:00  Mary De La Garza and Angela Collins—Flying a Mill Creek Site (13PM7)
2:15  Joseph Tiffany—Examining Mill Creek-Mississippian Connections Reflected in Joy Creek Major (13PM7) Ceramics
2:30  Angela Collins—Unseen Attributes of Mill Creek ceramics: pXRF and Petrographic Analysis of 13PM7
2:45  Veronica Mraz—Chipping Stone: An Examination of the Chipped Stone and Ground Stone Artifacts recovered from the Joy Creek Major Site (13PM7)
3:00  Cherie Haury-Artz—Shopping Local: Mammal Procurement Patterns at Joy Creek Major (13PM7), Northwest Iowa
3:15  John Cordell—Birds from 13PM7
3:30  James Theler—Freshwater Mussel and Fish Remains from the Joy Creek Major Site
3:45  William Green—Intensification via Diversification: Initial Middle Missouri Plant Use Strategies
4:00  Stephen Lensink and Joseph Tiffany—Dating the Origins of Village Life on the Eastern Plains
4:15  Douglas Bamforth—Discussant
4:30  Mark Mitchell—Discussant
SYMPOSIUM A LIFETIME OF SCHOLARSHIP ON PLAZA PLANS, BURIALS, AND CACHES: A SESSION IN HONOR OF MARSHALL BECKER
Room: Lake Michigan
Time: 1:00 p.m.–4:45 p.m.
Chairs: Cameron McNeil and Edy Barrios

Participants:
1:00 Hattula Moholy-Nagy—You Want to Put It Where? The Function and Meaning of Trash in Ritual Recovery Contexts
1:15 Josefa Iglesias Ponce de León—El Tikal Project y el Proyecto Nacional Tikal: Una historia de amores y desamores
1:30 Oswaldo Gómez Barrillas—La Plaza de los Siete Templos o Plan de Plaza 7 de Tikal: Nuevas Interpretaciones
1:45 Nathan Meissner—The Burial-Cache Continuum Revisited: Biface Ritual Deposits at the Plaza of The Seven Temples, Tikal
2:00 Cameron McNeil, Edy Barrios, Oswaldo Gómez Barrillas, Carolyn Freiwald and Mauricio Díaz García—Creating Powerful Places: Offerings from the Plaza of the Seven Temples and Temple V at Tikal, Guatemala
2:15 Estella Weiss-Krejci—Layered Temporalities: Tikal’s Problematical Deposits and the Ancient Disturbance of Maya Graves
2:30 Lori Wright and J. Alex Canterbury—The Children of Group 4H 1, Tikal, Guatemala
2:45 Johann Begel and Julien Hiquet—Skull Offerings: The Koxol Offerery Assemblage In The Maya Area
3:00 Charles Cheek—The Role of Ornamentation: The Mayan Flexible Ear Ornament
3:15 Edy Barrios—K’inich Mo’ Witz’ and the Presence of Two Particular Plaza Plans at Tres Islas in the Passion River in Petén Southwest, Guatemala
3:30 Prudence Rice and Don Rice—“Temple on the East”: A Historical Look
3:45 Robert Tykot—A History of Stable Isotope Studies in Italy
4:00 Ellen Bell—Discussant
4:15 Marshall Becker—Discussant
4:30 Questions and Answers

SYMPOSIUM HOUSEHOLD SIZE, WEALTH, AND INEQUALITY IN THE MAYA LOWLANDS
Room: Boulevard C
Time: 1:00 p.m.–4:45 p.m.
Chairs: Adrian Chase and Amy Thompson

Participants:
1:00 Amy Thompson, Gary Feinman and Keith Prufer—Measuring Inequality: The Effect of Units of Analysis on the Gini Coefficient
1:15 Heather Richards-Rissetto—Exploring Inequality in Ancient Maya Cities: A 2D and 3D Procedural Model Computational Comparison of Households at Copan, Honduras
1:30 Kyle Shaw-Müller, John Walden and Ran Wei—The Greater Rosario Valley, Chiapas: Residential House-Size Inequality among Three Late Terminal Classic Polities of the Southwest Maya Frontier

1:45 Damien Marken—Household Wealth and Urban-Rural Inequality at El Perú-Waka’, Guatemala

2:00 Bernadette Cap, Jason Yaeger, Tiffany Lindley, Katharine Stephens and David Keim—Access and Equity in the Classic Maya Xunantunich, Belize, Marketplace

2:15 Sherman Horn and Anabel Ford—A Community of Makers or Takers? Quantitative Analyses of Inequality at Classic Period El Pilar

2:30 Eric Fries—Inequality at the Aguacate Sites, Western Belize, as Expressed via the Gini Coefficient

2:45 John Walden, Claire Ebert, Julie Hoggarh, Yijia Qiu and Jaime Awe—House Size Reflects Local-Level Variability in Wealth Inequality in the Classic Maya Belize River Valley

3:00 George Micheletti, Shane Montgomery, Holley Moyes and Terry Powis—Identification of Potential Inequalities among the Classic Maya at Las Cuevas and Pacbitun, Belize

3:15 Marcello Canuto—Discussant

3:30 Jessica Munson and Jonathan Scholnick—Beyond House Size: Social and Embodied Dimensions of Inequality in the Ancient Maya Lowlands

3:45 Travis Stanton, Scott Hutson and Traci Ardren—Work, Wealth, and Status: Estimating Inequality through an Analysis of Aerial Lidar Data from Coba, Quintana Roo, Mexico

4:00 Whittaker Schroder and Timothy Murtha—Regional Variation and Inequality across the Maya Landscape

4:15 Gary Feinman—Discussant

4:30 Adrian Chase—Discussant

[55] **Symposium: About Face: Portraiture in the Ancient Americas**

**Room:** Marquette Room  
**Time:** 1:00 p.m.–4:45 p.m.  
**Chairs:** Annabeth Headrick and Virginia Miller

**Participants:**

1:00 Jillian Mollenhauer—Likeness, Presence, and Portraiture in Olmec Art

1:15 Christa Schieber G de Lavarreda, Rocio Albarrán Reyes, Vera Tiesler and Miguel Orrego Corzo—Embodying the Heads of Tak’alik Ab’aj

1:30 Adam Sellen—Ancestral Faces: The Physiognomy of Zapotec Urns

1:45 Annabeth Headrick—Accoutrement Portraiture at Teotihuacan: Whose Portrait Is It Anyway?

2:00 Caitlin Earley—The Good Captive: Portraits and Power in Classic Maya Sculpture
2:15  Arturo Pascual Soto—“Los guerreros muertos”: Rasgos e identidad en el arte de El Tajín de la primera mitad del Epiclásico (ca. 800 dC)

2:30  Kim Richter—Elite Faces and Bodies of Stone: Portraiture in the Postclassic Huasteca

2:45  Alanna Radlo-Dzur—Naming Names: Aspects of Portraiture in the Depiction of the Cihuateteoh of Postclassic Central Mexico

3:00  Patrick Hajovsky—Aztec Royal Portraiture and Bodily Presence

3:15  William Barnes—Aztec Royal Portraiture and the Highland Central Mexican Visual Tradition

3:30  Claudia Brittenham—Portraits of Mountains? Tepictoton and the Problem of Portraiture in Aztec Central Mexico

3:45  Cassandra Smith—Figurative Representations in the Pottery Mound Murals: Beyond Portraiture?

4:00  Mary Weismantel—The Moche “huacos retratos”: “Portraits” from the Indigenous Americas

4:15  Andrea Vázquez de Arthur—Depicting the Dead: Facenecks as Ancestral Portraits during the Middle Horizon

4:30  Andrew Hamilton—Tête-à-Tête: The Face-Off between Visuality and Materiality in Royal Inca Representations

[56]  Symposia, Stewardship of Archaeology on Military Lands
(Sponsored by Military Archaeological Resources Stewardship)
Room: Williford Room B
Time: 1:00 p.m.—5:00 p.m.
Chair: Jake Fruhlinger

Participants:
1:00  Ethan Bertrando—CARIDAP 2.0: A Programmatic Approach to NHPA Compliance for Prehistoric Quarries and Lithic Scatters

1:15  Dougless Skinner, Whitney McLaren, Barrett Flynn and Julie Esdale—Modern and Prehistoric Land-Use Patterns in Donnelly Training Area, Alaska

1:30  Teresa Gregory and Shelby Manney—Arizona Army National Guard (AZARNG) Plans for Tracking, Organizing, and Storing Federally Protected CRM Data to Ensure Mission Readiness

1:45  Erwin Roemer—Consulting Tribes on Cultural Resources Not National Register-Eligible

2:00  Alberto Conti, Tessa Amend and Julio Gonzalez Tepetla—Typological Dating of Playa Sites Located on the Orchard Combat Training Center


2:30  Thomas Wolforth—A Context to Assist in Determining the Eligibility Status of Foxholes on Military Installations
2:45 Paul Green—Assessing the Past, Mapping the Future: DoD’s Goals and Objectives for Archaeology and Cultural Resource Management
3:00 Raymond Sumner and Reymundo Chapa—A New Model to Operationalize Military Tribal Consultation
3:15 Reymundo Chapa and Raymond Sumner—Improving the United States Air Force’s Tribal Consultation Program
3:30 Jesse Stephen—Stewardship of the Missing: Roles of Archaeology in Unraveling Landscapes of Conflict
3:45 Julie Eddle, Lisa Cipolla, Chuck Burns, Sunny Wood and Erik Phillips—Site Capping as Mitigation on Military Training Lands
4:00 Erwin Roemer—Discussant
4:15 Michael Fedoroff—Discussant
4:30 Tessa Amend—Discussant
4:45 Questions and Answers

[57] Symposium: Paleoindian Archaeology in the Americas
Room: Lake Ontario
Time: 2:00 p.m.–4:15 p.m.
Chair: Michael O’Brien

Participants:
2:00 Paris Franklin and Todd Surovell—The Carbon Footprint of an Archaeological Excavation
2:15 Grace Conrad and Metin Eren—A Comparison of Clovis Stone and Bone Point Target Penetration
2:30 Seth Boda, Eren Metin and Andrew Boehm—A Comparison of Stone and Bone Flake Cutting Efficiency
2:45 Brian Wygal, Kathryn Krasinski, Charles Holmes, Barbara Crass and Kathryn Smith—Mammoth Ivory Rods in Eastern Beringia: Earliest in North America
3:00 Michael O’Brien, Briggs Buchanan and Mark Collard—Goshen and Plainview
3:15 A. Dudley Gardner—Eagle Rock Shelter’s Diverse Macro-botanical and Faunal Assemblage during the Paleo Period
3:30 Haden Kingrey and Geoffrey Smith—Residue Analysis of Early Holocene Groundstone from the Little Steamboat Point-1 Rockshelter (35HA3735), Warner Valley, Oregon
3:45 J. M. Adovasio and Tom Dillehay—Early Basketry from Huaca Prieta, Peru
4:00 Abby Baka, Lisbeth Louderback and Alexandra Greenwald—Shifts in Technology at North Creek Shelter: Implications for Investment, Mobility, and Sexual Division of Labor
[58] **Forum: Archaeological Ethics in the Past, Present, and Future: Lessons from the SAA Ethics Bowl**

Room: Waldorf Room  
Time: 3:00 p.m.–5:00 p.m.  
Moderators: Katherine Chiou, Daniel Perez and Patricia Markert

Participants:  
Dana Bardolph—Discussant  
Margaret Conkey—Discussant  
Siobhan Hart—Discussant  
Dru McGill—Discussant  
Krystiana Krupa—Discussant  
Paulette Steeves—Discussant

[59] **Symposium: Classic Maya - Ceramics, Iconography, and Dyes**

Room: PDR #3  
Time: 3:00 p.m.–5:00 p.m.  
Chair: Kaylee Spencer

Participants:  
3:00 Angela Ejarque Gallardo, Nora Pérez Castellanos, Martha Cuevas García and José Luis Ruvalcaba Sil—Artistic Implications of the Ceramic Technology and Pictorial Palette of Effigy Censers from Palenque, Chiapas, México: A Heritage Science Approach  
3:15 Kaylee Spencer, Travis Nygard and Linnea Wren—The Maize God and Ritual Containers: Text, Image, and Materiality in a Maya Cache Vessel Lid  
3:30 Keith Eppich—Death Monkeys in the Centipede City! Classic Maya Incised Monkey Designs in the Archaeological Context of El Perú-Waka’, Guatemala  
3:45 Mario Borrero—The Classic Period Maya Figurines of the Southern Belize Region: A Comparison Between Nim li Punit and Lubaantun  
4:00 Maline Werness-Rude—The Chocholá Style: Expanding the Corpus  
4:15 Jose Raul Ortiz—At the “Thorny Stone”: The Maya Classic to Postclassic Transition at Kixpe, Guatemala  
4:30 Caroline Parris—More than Feasts: The Implementation of a Multidimensional Model to Examine Commensality among the Late Classic Maya of La Corona, Guatemala  
4:45 Jessica Christie—Regarding Ancient Maya Blue: Academic versus Contemporary Yucatec Maya Discourses

[60] **Symposium: Archaeological Theory, History, and Taphonomy**

Room: Continental A  
Time: 3:30 p.m.–4:45 p.m.  
Chair: Douglas Kullen
Program of the 87th Annual Meeting

Thursday Afternoon, March 31

Participants:
3:30  Douglas Kullen—Big Shoulders: An Anecdotal and Biographical History of Notable Chicago Archaeologists
3:45  Brendan Weaver—Mermaids, Umbrellas, and Goats: Afro-Andean Worlds and the Sacristy Lintel of San Joseph de la Nasca (Peru)
4:00  James Cardinal and Jennifer Loughmiller-Cardinal—Behavior, Belief, and Bayes: The Hidden Links between Artifacts and Social Norms
4:15  Shannon McPherron, Vera Aldeias, Paul Goldberg, Deborah Olszewski and Dennis Sandgathe—An Excavation Methodology for the Archaeological Sciences: A Case Study in Neandertal Use of Fire
4:30  Charles Egeland, Scott Richter, Ryan Byerly and Manuel Domínguez-Rodrigo—Harnessing Actualistic Data and Stratified Resampling to Model the Formation of Faunal Palimpsests

[61]  SYMPOSIUM Archaeology of Northern and Western Europe
Room: Conference Room 4M
Time: 3:30 p.m.–5:00 p.m.
Chair: Arkadiusz Marciniak

Participants:
3:30  Claudine Gravel-Miguel, Julien Riel-Salvatore, Fabio Negrino and Cristiani Emanuela—Combining Agent-based Modeling and Random Forest Algorithm to Study the Pleistocene-Holocene Occupation of Liguria, Italy
3:45  A. Jay Van Der Reijden—Passage into the Afterlife: Accessing the Netherworld through Maeshowe’s Internal Walling
4:00  Arkadiusz Marciniak—The Human-Mediated Evolution of Cattle in the Neolithic of the Polish Lowlands
4:15  Ann Eberwein—Museums and Paleoethnobotanical Methods: A Case Study from Neolithic and Bronze Age Alpine Europe
4:30  Daniel Hansen—Old Places Made New: Exploring the Local Landscape Context of Reengagement in Northern Pictland
4:45  Catherine Brun, Julien Riel-Salvatore and Claudine Gravel-Miguel—Experimental Archaeology as a Method to Reproduce the Ornaments of the Burial of Arma Veirana

[62]  SYMPOSIUM Ancient Maya Landscapes and Environments
Room: Continental B
Time: 3:30 p.m.–5:00 p.m.
Chair: Alexander Safronov

Participants:
3:30  Carlos Chiriboga—Mapping Monumentality: Architectural Planning and Urban Design at El Tintal, Petén, Guatemala
3:45  Alexander Safronov, Dmitri Beliaev and Milan Kovac—Reestablishing the Kingdom: Uaxactun in the Beginning of the Early Classic
4:00 Kirsty Escalante—Looting and Lidar: An Analysis of Illicit Digging in La Corona, Guatemala Using Airborne Laser Scanning
4:15 Jeremy McFarland and Marisol Cortes-Rincon—Landscape Ecological Zone Classification Using Airborne Laser Scanning Data in Northwestern Belize
4:30 David Rafael McCormick Alcorta and Felipe Trabanino—Zonal Complementarity at Cotzumalhuapa, Guatemala
4:45 Ricardo Antorcha Pedemonte, Lane Fargher and Cuauhtémoc Moreno Cabrera—Maya Ecological Engineering: The Case of Homún, Yucatan

[63] Symposium: Archaeological Studies of Coastal Exploitation and Habitation
Room: Conference Room 4D
Time: 3:45 p.m.—5:00 p.m.
Chair: José López Mazz

Participants:
3:45 Miriam Meraz Munguia, Gerardo Gonzalez Barba, Fabiola Guzman Camacho and Alfonso Rosales Lopez—Determination of the Archaeo-ichthyofauna and Inferences of Their Use in Ensenada de Muertos, Mexico
4:00 Nayeli Jiménez Cano—Back to the Future: Fish Exploitation in the Prehispanic Coastal Maya Lowlands of Yucatan
4:15 José López Mazz and Federica Moreno—Exploring Niche Construction in the Eastern Lowlands of Uruguay (4000 BP–Eighteenth Century)
4:30 Francisco Pugliese and Eduardo Neves—Isotopic Proxies for the Long-Term History of the Monte Castelo Shellmound, Brazil
4:45 Marjolein Admiraal, André Carlo Colonese, Dione da Rocha Bandeira, Deisi Scunderlick Eloy de Farias and Oliver Craig—Insights into Long-Term Pottery Use in Southeastern South America from Organic Residue Analysis

[64] Symposium: Archaeology and Modern Global Issues
Room: Boulevard B
Time: 4:00 p.m.—5:00 p.m.
Chair: Sandra Lopez Varela

Participants:
4:00 Christophe Delaere and Estelle Praet—Lost at Sea: Marine Plastic Pollution in the Galapagos through Contemporary Underwater Archaeology
4:15 André Carlo Colonese, Alice Toso, Krista McGrath, Thiago Fossile and Marjolein Admiraal—Once upon a Time . . . There Was an Ocean: Advancing Marine Historical Ecology through Archaeology
4:30 Sandra Lopez Varela—Remastering Mexico’s Past: A Countercultural Conception of Heritage to Achieve Social Justice or Political Gain
4:45 Justin Holcomb, Beth O’Leary, Ann Garrison Darrin, Karl Wegmann and Rolfe Mandel—Planetary Geoarchaeology as a New Frontier in Archaeological Science: Assessing Site Formation Processes on Extraterrestrial Bodies

[65] Poster Session Recent Research in Eastern North America
Room: Poster Hall
Time: 4:00 p.m.—6:00 p.m.
Participants:
65-a Charles Rainville and Steven Karacic—Mapping a Belle Glades Archaeological Complex in the Lake Okeechobee Basin, Florida
65-b Gabriella Armstrong—Shell Tempering and Temper Variability at Lyon’s Bluff: A Quantitative Petrographic Analysis
65-c Dean Blumenfeld—Measuring Wealth and Inequality at Ancient Cahokia
65-d Marcus Schulenburg—What Lies Between: Exploration of a Potential Fort Ancient Courtyard and Surrounding Structures
65-e Sara Polk, Benjamin Cross and Marcus Schulenburg—Beyond Four Walls: Seeking Early Fort Ancient Households through Refitted Vessel Fragments
65-f Christina Emery, Benjamin Cross and Marcus Schulenburg—Neighbor Dynamics: Examining Intra- and Inter-structural Space Using Paleoethnobotanical Remains at an Early Fort Ancient Site
65-g Rachel Cajigas and Elliot Blair—AMS 14C Dates as a Proxy for Shell Ring Construction on Creighton Island, GA
65-h Scott Hammerstedt, Amanda Regnier, Sheila Savage and Patrick Livingood—Reevaluating the Chronology of Spiro and Related Arkansas Valley Mound Sites
65-i Christopher Thompson—Mapping the Movement of the Riverton Culture during the Terminal Archaic
65-j Laura Bossio—Survey at the Williams Site (33-WQ-7a) of Northwestern Ohio: Transitional Archaic and Late Prehistoric Perspectives

[66] Poster Session Cultural Resource Management (CRM) Across North America
Room: Poster Hall
Time: 4:00 p.m.—6:00 p.m.
Participants:
66-a Nicole Bodenstein and Kristina Hill—USFS Resource Assistant Program
66-b Gregory Haynes—The Effects of Inundation and Emergence at Pueblo Grande de Nevada: Some Examples from Lake Mead
66-d Anne Curry—Assessing the Impacts of Fire on Surface Artifacts
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66-e  Michael Neeley and Josh Chase—Revisiting the Henry Smith Site: New
      Work at a Late Prehistoric Site in the Northwestern Plains

66-f  Robert Sasso and Daniel Joyce—The Archaeology of an Avocational
      Archaeology Project: The Montgomery Site 1975–1977 Kenosha County
      Archaeological Society Excavations Revisited

66-g  Kathryn Turney, Deborah Huntley and Johnny Schaefer—Rescuing the
      Past: An Unexpected Wealth of Data from the Yavapai County
      Correctional Facility Project

66-h  Jeremy Brunette—Recovery Methods: Examining the Archaeology of the
      Manhattan Project at Los Alamos, New Mexico

66-i  Alison Livesay—A Real Labor of Love: Archaeologies of the Heart at Los
      Alamos National Laboratory

66-j  Jonathan Stark—Capturing Plutonium: Architectural Strategies for the
      Recovery of Heavy Metals during Manhattan Project High-Explosives
      Testing at Los Alamos, New Mexico

66-k  Christina Zweig—Beyond Boundaries: Interments Outside of Historic
      Cemeteries in Wisconsin

66-l  Samuel Duwe, Chris Garcia, Everett Garcia, Kurt Riley and Kurt
      Anschuetz—Protecting and Learning from the Pueblo of Acoma’s
      Heritage in the “Lands Between” of Southeastern Utah

66-m  Michael Heilen and Shelby Manney—Integrating Cultural and Natural
      Resource Management in Arizona: A Case Study

66-n  Erin Niles, Suzan Jantz, Sarah Foley, Cameron Felt and Kathleen Forrest—
      Fire Management and Archaeology: A Case Study on the Impacts to
      Cultural Resources from the North Complex Fire of 2020, Plumas and
      Butte Counties, California

66-o  Evangelia Tsesmeli, David Eck and Anne Curry—Challenges in Protecting
      Cultural Resources: Policy and Rulemaking from a New Mexico
      Perspective

66-p  Dorothy Lippert, Desireé Martinez and Michael Wilcox—Reflections on
      and Further Assessment of Archaeologists’ Knowledge about Tribes and
      Heritage: An Interactive Poster

[67]  Poster Session  Life on the Edge: Multi-regional Explorations of Coastal and Island Archaeology
      Room: Poster Hall
      Time: 4:00 p.m.–6:00 p.m.

Participants:
67-a  Lindsey Goff and Jeffrey Glover—Navigating the Built Environment of
      Ancient Maya Coastal Ports along the Yucatán Peninsula

67-b  John Michael Garbellano—Hudson River Shell Middens: New Realizations
      at Dogan Point

67-c  Cristina Oliveira and Michelle LeFebvre—Constructing Historical Shark
      Baselines: The Promise and Challenge of Zooarchaeological Science
67-d  P. Nick Kardulias, Konstantinos Trimmis, Stavros Paspalas, Lita Tzortzopoulou-Gregory and Timothy Gregory—Quartz Artifacts from Kythera, Greece, and Human Migration in the Aegean during the Paleolithic
67-e  Neill Wallis, C. Trevor Duke, George Luer and Michael Glascock—Sourcing Mississippian Pottery among the Complex Maritime Cultures of Florida’s Peninsular Gulf Coast
67-f  Megan LeBlanc, Susan deFrance and Ana Londoño—Coastal Paleolandscape of Far Southern Peru: Implications for Late Pleistocene Human Settlement
67-g  Michael Graves—Integrating Aerial Photography with Lidar in Reconstructing the Boundary for the Leeward Kohala Field System, Hawai‘i Island

[68]  **POSTER SESSION: ZOOARCHAEOLOGY**
Room: Poster Hall
Time: 4:00 p.m.—6:00 p.m.

Participants:
68-a  Brittany Bingham, Lauren Norman, Justin Tackney, Kristine Beaty and Dennis O’Rourke—Dogs at the Cape: Canid Differences at Birnirk and Thule Inuit Sites from Northwest Alaska
68-b  Sasha Buckser—New Tricks for Old Dogs: Adapting the Manchester Combined Forensic Facial Reconstruction Method to Archaeological Canids
68-c  Ariane Thomas, Alida de Flamingh, Kelsey Witt, Matthew E. Hill and Ripan Ripan—Ancient DNA Evidence Suggests Dogs as Commodities of Exchange at Jamestown Colony
68-d  Brian Fahey and Curtis Marean—Testing the Accuracy of Two Methods Used to Estimate Minimum Number of Elements in Zooarchaeology
68-e  Martin Welker and Amanda Semanko—Constructing a Baseline: Dogs in the American Southwest
68-f  Daniel Dalmas and Jack Broughton—Assessment of Faunal Composition in Osprey (*Pandion haliaetus*) Nests and Optimal Foraging Behavior at Eagle Lake, California

[69]  **POSTER SESSION: ARCHAEOLOGY OF GENDER AND CHILDHOOD**
Room: Poster Hall
Time: 4:00 p.m.—6:00 p.m.

Participants:
69-a  Ciele Rosenberg, Kristrina Shuler and Julie Wesp—Fluctuating Asymmetry and the Embodiment of Maternal Stress at Newton Plantation, Barbados
69-b  Bailey Raab, Adrienne Frie, Sara Polk and Marcus Schulenburg—Unearthing Menstruation: Locating and Assessing Potential Menstrual Structures in a Fort Ancient Context
69-c Dylan Person and Barbara Roth—Shattering the Silicate Ceiling: Engendered Perspectives on Women's Production Management in the Mimbres Mogollon

69-d William Marquardt—Exploring Changes in Gendered Labor: A Case Study from the Middle Rio Grande

69-e Claire Ralston and Debra Martin—Atypical Burials at Turkey Creek Pueblo, Arizona: Implications for Gender Roles and Experiences of Disease and Trauma at a Mogollon Pueblo Site (AD 1225–1286)

69-f Zoe Blair, Savannah Gann and Crystal Dozier—Gendered Trends in Pictorial Representation of Archaeology in Archaeology Magazine: Preliminary Results

69-g Kevin Cabrera and Katherine Miller Wolf—A Case Study Examining the Markers of Gender Identity among the Ancient Copan Maya

69-h Emily Walker, Lacey Carpenter and Sofia Pacheco-Forés—Changing Relationships between the Mortuary Treatment of Children and Adults in the Valley of Oaxaca in the Formative and Classic Periods

[70] Poster Symposium: New Developments in Analysis of Fiber/Perishables and Associated Artifacts
(Sponsored by Fiber/Perishables Interest Group [FPiG])

Room: Poster Hall
Time: 4:00 p.m.–6:00 p.m.
Chairs: Melanie Saldana, Barbara Klessig and Kirsten Lopez-Picklesimer

Participants:
70-a Billie Follensbee—Function Follows Form: Experimental Archaeology with Seashells and Formative Period Mesoamerican Jade Facsimiles as Textile Tools

70-b Victoria Priola—Experimental Studies to Determine the Role of Ceramic Crescents in Textile Production from Iberian Copper Age Sites

70-c Marvin Rowe, Eric Blinman, Shelby Jones and Caroline Welte—Making the Best of a Bad Situation: Radiocarbon Dating of a Textile with Insect Damage

70-d Ann Peters and Jessica Lévy—The Production, Form, and Arrangement of Vegetable Fiber Slings in Late Paracas, Topará, and Early Nasca Contexts

[71] Poster Symposium: Advances in Archaeological Science in Transylvania

Room: Poster Hall
Time: 4:00 p.m.–6:00 p.m.
Chair: Colin Quinn

Participants:
71-a Anna Waterman, Jess Beck, Colin Quinn, Horia Ciugudean and David Peate—Tracing Human and Animal Migration in Bronze Age Romania: A
Preliminary Analysis Using $^{87}\text{Sr}/^{86}\text{Sr}$ Ratios from Apuseni Mountains Sites in Southwestern Transylvania

71-b Aidan Leahey, Colin Quinn, Horia Ciugudean, Jess Beck and Lacey Carpenter—Geoarchaeological Analysis of Cemetery Construction in Early Bronze Age Transylvania

71-c Elizabeth Arnold, Colin Quinn, Horia Ciugudean and Lacey Carpenter—Network Analysis in Transylvania: Identity and Motifs in Wietenberg Ceramics

71-d Colin Quinn and Molly Symmonds—FTIR Analysis and Experimental Examination of Variability in Middle Bronze Age Transylvania Cremations

71-e Erin Powers and Christopher Schmidt—Dental Microwear Texture Analysis of Roman Diet in Apulum (Alba Iulia, Romania)

71-f Katie Zejdlik, Zsolt Nyárádi, Jonathan Bethard, Kathryn Kulhavy and Andre Gonciar—Investigation of a Hungarian Szekler Church (AD 1050–1800) in Harghita County, Transylvania, Romania

71-g Laura Motta—Dating Millet from the Apuseni Mountains: Evidence for Intercultural Contact with the Asian Steppes during the Bronze Age

71-h Jonathan Bethard, Katie Zejdlik, Zsolt Nyárádi and Andre Gonciar—Exploring the Székelyföld through the Lens of Bioarchaeology

71-i Nandini Subramaniam, Hannah Lau, Colin Quinn, Lacey Carpenter and Horia Ciugudean—Postmortem Funerary Practices: Bone Histology in Early Bronze Age Transylvania

[72] **POSTER SYMPOSIUM** PUBLISHED ARCHAEOLOGICAL SITE NUMBERS AS BIG DATA CONNECTIONS: BUILDING AND ANALYZING THE DIGITAL INDEX OF NORTH AMERICAN ARCHAEOLOGY (DINAA) LINKING SITES AND LITERATURE PROJECT

Room: Poster Hall

Time: 4:00 p.m.–6:00 p.m.

Chairs: Joshua Wells and Eric Kansa

Participants:

72-a Joshua Wells, Mackenzie Edmonds, Eric Kansa, Sarah Kansa and David Anderson—The Past, Present, and Future of the Archaeological Site Number: Analysis of Site Number Publication Patterns and Suggested Best Practices to Turn Identifiers into Linked Open Data and Revolutionize Archaeology for the Informatics Age

72-b Mackenzie Edmonds, Joshua Wells, Eric Kansa, Sarah Kansa and David Anderson—Identifying Smithsonian Trinomial Site Numbers in JSTOR: The Potential for Open and Reproducible Text Mining of Primary Literature to Revolutionize Archaeological Information Management
Friday Morning April 1, 2022

[73] **SYMPOSIUM RELIGIÓN, SOCIEDAD Y TECNOLOGÍA MATERIALIZADOS EN ATZOMPA, OAXACA**

**Room:** Conference Room 4D  
**Time:** 8:00 a.m.–9:45 a.m.  
**Chairs:** Nelly Robles García and Dante García

**Participants:**
- 8:00 Nelly Robles García—Análisis de los espacios públicos: Plazas, templos y juegos de pelota en Atzompa
- 8:15 Xóchitl Martínez Martínez—Elementos de la arquitectura de Monte Albán en Atzompa: Los tableros doble escapulario de las unidades residenciales y templos
- 8:30 Irma Lucía Cázares Munguía—Excavaciones en el Edificio 7, en el contexto de la “Plaza B” de Atzompa
- 8:45 Miguel Angel Galvan Benitez— Manejo del agua en el conjunto monumental de Atzompa, Oaxaca
- 9:00 Yazmin Martínez Martínez—La producción de cerámica en Atzompa durante el Clásico Tardío, una aproximación a sus características tecnológicas
- 9:15 Dante García—La élite política y social de Atzompa en el complejo urbano de Monte Albán
- 9:30 Saburo Sugiyama—Discussant

[74] **SYMPOSIUM EARLY AND FORMATIVE PERIOD ARCHAEOLOGY IN THE ANDES**

**Room:** Boulevard A  
**Time:** 8:00 a.m.–9:45 a.m.  
**Chair:** Richard Burger

**Participants:**
- 8:00 Nicholas Brown—Tracing the Trajectory of Chawin Art and Technology in the Second and First Millennia BC
- 8:15 Alexis Rodríguez Yábar—Una lectura desde la etnicidad: Entendiendo el fenómeno Paracas desde el valle de Chincha
- 8:30 Christine Bergmann—Exploring the Environmental Context of the Lower Chinchas Valley, Peru, Using Pollen Analysis and pXRF
- 8:45 Alejandra Vidal-Elgueta, Hannetz Roschztartetz, María Fernanda Pérez, Christian Dubos and Mauricio Uribe—2,000 Years of Agriculture in the Atacama Desert Led to Changes in the Distribution and Concentration of Iron in Maize
- 9:00 Richard Burger and Lucy Salazar—Reconsidering the Chronology and Significance of Cardal’s Sunken Circular Patios
9:15  Dennis Nicolas Lorenzo—Morro de Eten: Una aproximación sobre su cronología e implicancias socioculturales en el formativo medio y tardio del norte peruano

[75]  **Forum: The SAA Has a New Human Remains Statement... What’s Next?**
*Room:* Continental B  
*Time:* 8:00 a.m.–10:00 a.m.  
*Moderators:* Karen Brunso and Lauren Sieg

**Participants:**
- Sabrina Agarwal—Discussant
- Alexis Boutin—Discussant
- Karen Brunso—Discussant
- Lynne Goldstein—Discussant
- Lauren Sieg—Discussant

[76]  **Symposium: Archaeological Studies of Hunter-Gatherers**
*Room:* PDR #3  
*Time:* 8:00 a.m.–10:00 a.m.  
*Chair:* Michelle Bebber

**Participants:**
- 8:00 Abebe Taffere, Steven Brandt, Elisabeth Hildebrand and Benjamin Smith—Lithic Technological Variability in the >50 ka Late Pleistocene Sequence of Mochena Borago Rockshelter, SW Ethiopia
- 8:15 Benjamin Smith, Abebe Taffere and Steven Brandt—Place, Practice, and Stone: A Study of Change and Continuity in Lithic Material Procurement and Core Reduction at Mochena Borago Rockshelter, Ethiopia
- 8:30 Joseph Wayman—Large Cutting Tools (LCTs) Were Not Hand Tools: Experiments Support the Hypothesis that LCTs Were Used in Traps to Injure Prey Animals
- 8:45 Nora Franco—Knowledge Acquisition and Its Importance to Understanding Technological Changes: Some Examples from the South of South America
- 9:00 Mark Cohen—Explaining Incipient Agriculture
- 9:15 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)
- 9:30 Michelle Bebber and Alastair Key—Optimal Linear Estimation (OLE) Modeling Supports Early Holocene (9068 cal BP) Copper Tool Production in North America
- 9:45 Kenneth Hladek—Hearth Feature Oxidation: A Proxy for Time and Temperature?
[77] **SYMPOSIUM: HISTORIC ARCHAEOLOGY**

**Room:** Lake Ontario  
**Time:** 8:00 a.m.–10:15 a.m.  
**Chair:** F. Scott Worman

**Participants:**
- **8:00** Karime Castillo—Glass by the Recipe: Glassmaking Technology in Colonial Mexico
- **8:15** Kaitlyn Ball—Archaeological Metal Detection of Devil's Kitchen, Gettysburg
- **8:30** Jaime Donta—They Toil on Foreign Soil: Farmers of the Irish Diaspora in Massachusetts
- **8:45** Mark Wagner—Bound to the Western Waters: The Discovery of Lewis and Clark's Lost Outpost of Ft. Kaskaskia, Illinois
- **9:00** Matt O'Mansky and Kelly Baer—Reevaluating a Community Founder: Excavations at the John Struthers Farm, Struthers, OH
- **9:15** F. Scott Worman and Elizabeth Sobel—"A rural backwater of poverty and illiteracy": Preliminary Investigations at the Phenix Company Town Site
- **9:30** Katharine Napora, Carla Hadden, George Crothers, Philip Mink and Lisa Guerre—Multi-method Analysis of a Historic Wooden Trough from Kentucky, USA: Verifying Artifact Biographies with Archeometry
- **9:45** Judith Bense—Mexican Figurines in Eighteenth-Century Spanish West Florida
- **10:00** Anne Bader, David Schatz and Sara Deurell—Say Their Names: The Archaeology of a Post-Civil War Black Community in the West End of Louisville, Kentucky—The Beecher Terrace Archaeological Project

[78] **SYMPOSIUM: DIGITAL ARCHAEOLOGY**

**Room:** Continental C  
**Time:** 8:00 a.m.–10:30 a.m.  
**Chair:** Cory Look

**Participants:**
- **8:00** Emily Blackwood—Virtual Reality and Archaeology: The Ostra Collecting Station Simulation
- **8:15** Keith May, James Taylor and Ceri Binding—The Matrix: Connecting, Resurrecting, and Reusing Digital Records, Analyses, and Archives of Archaeological Investigations
- **8:30** Cory Look, Erin Friedman and Matthew Brown—Moving Past Climate Change Impacts on Archaeological Sites: How Advancing Digital Technologies Are Creating New Paths for Engagement
- **8:45** Scott Kirk, Amy Thompson, Chung-Ching Shiu and Christopher Lippitt—Building in New Lands: Monumental Religious Architecture as a Proxy for Historic Settlement Development in Taiwan, Louisiana, and New Mexico
9:00  Daniel Rodriguez Osorio, Andres Agudelo Bermudez and Marion Weber Scharff—OBIA and the Analysis of Ancient Stone Masonry: Some Advances from the Sierra Nevada de Santa Marta (Colombia) Case

9:15  Robert Hasenstab—Customized Interpolation of Lidar Data: A Case Study from Casper Bluff, Illinois

9:30  Taylor Thornton and T. Max Friesen—Drones, Drives, and DEMs: Assessing the Usefulness of UAVs for Mapping Extensive Hunting Features in Remote Regions

9:45  Andrés Mejía Ramón—The Mechanics of Landscape and Behavior: A Least-Cost Path Approach Grounded in Mechanical Physics

10:00 Tamas Polanyi and Shelby Manney—Remote Sensing and Pattern Recognition in Cultural Heritage Management: Investigations at the Florence Military Reservation, Arizona

10:15 Christopher Wai—Strategies in the Archaeological Use of Real-Time Kinematic Mapping in North Coast Peru and Cambodia

[79] SYMPOSIUM VISIONS OF DEEP TIME: TOWARD A MORE INTERPRETIVE FRAME OF ANTHROPOLOGICAL ARCHAEOLOGY IN THE EARLY AMERICAS

Room: Lake Michigan
Time: 8:00 a.m.—10:45 a.m.
Chairs: Christopher Davis and Matthew Des Lauriers

Participants:
8:00  Matthew Des Lauriers—Learning Landscape vs. Learning Lifeways: The Question of Legacy Adaptations in the context of the Peopling of the New World.

8:15  Rafaella Lisboa—The Central Role of Fiber on Isla Cedros: Crafting the Earliest Maritime Hunter-Gatherers of Baja California

8:30  Antonio Porcayo-Michelini—A Proposed Alternative for the Use of Paleoindigenous “Crescents”

8:45  Anna Roosevelt—Monte Alegre Paleoindians in Space and Time

9:00  María de la Luz Gutierrez—The Construction of Symbolic Landscape in the Northern Cordilleras of Baja California Sur, Mexico

9:15  Herman Bender—Deep Time and Ice Age Memories Expressed in the Placement of Select Manitou Stone and Sacred Boulders

9:30  Ashley Hampton—Residential Units, Hearth-Groups, and Households: Spatial Analysis of Multifloor Assemblage Data within Housepit 54, British Columbia, Canada


10:00 Alexandre Guida Navarro—New Evidence for Late First-Millennium AD Stilt-House Settlements in Eastern Amazonia
10:15 Christopher Davis—The Point of Having No Shadow: Amazonians at the Zenith of Prehistory
10:30 Questions and Answers

[80] Symposium: Post-abolition Labor and Communities: A Global View from the Plantation and Beyond
Room: Boulevard B
Time: 8:00 a.m.–11:15 a.m.
Chair: Johanna Pacyga

Participants:
8:00 Liza Gijanto—Abolition and its Aftermath on the Gambia River
8:15 Craig Stevens, Matthew Reilly and Caree Banton—The Making of a Black Republic: Liberian Labor in Transatlantic Context
8:30 Johanna Pacyga—Experiments in Cotton and Conversion: Mid-Nineteenth-Century Missionization at St. Joseph of Ngasobil (Senegal)
8:45 Genevieve Godbout—A Freedom to Labor in Nineteenth-Century Canada
9:00 Rebekah Planto—Making Space and Filling in the Gaps: Evidence from Post-emancipation Tenant Households at Bacon’s Castle, Surry County, Virginia
9:15 George Avery—Archaeological Investigations at Three Freedom Colonies in East Texas
9:30 Christopher Grant—Styling the New Urban South: Working Women in Afro-Creole New Orleans, 1880–1920
9:45 Diane Wallman—Labor Restructuring and Provisioning in the Post-emancipation Caribbean: Examples from the Lesser Antilles
10:00 Elizabeth Clay—From Plantation to Placer: Post-emancipation Shifts in Labor in French Guiana
10:15 Krish Seetah—Post-emancipation Lifeways of Laboring Peoples in Mauritius: Evidence from Former Enslaved and Indentured Communities in the Indian Ocean
10:30 Selvakumar Veerasamy—Colonial Indenture Labor Migration from South India and Their Cultural Adaptations
10:45 Mark Hauser—Discussant
11:00 Questions and Answers

[81] Symposium: A Career on and off the Shelf: Dr. Michael “Sonny” Trimble, from Curation to Forensics and Points In Between
Room: Boulevard C
Time: 8:00 a.m.–11:30 a.m.
Chairs: J. Joseph, Jasmine Heckman and Andrea Gregory
Participants:

8:00  Charles Smith—How One Archaeologist Went from Fieldwork to Collections Management, the Iraq War, Viet Nam, Carlisle Indian School, and in the Process Preserved, Protected, and Educated

8:15  Nancy Brighton—Sonny and the African Burial Ground

8:30  Mark Smith and Susan Malin-Boyce—The Iraq Mass Graves Project

8:45  David Knoerlein—Digital Photography: From Mass Graves to the VCP

9:00  J. Joseph, Jasmine Heckman and Andrea Gregory—From Mass Graves to New Lives: The Veterans Curation Program

9:15  Teresita Majewski—American Recovery and Reinvestment Act Nationwide Section 110 Work

9:30  Mark Warner—From Peale to Trimble: Communicating with Collections

9:45  Jasmine Heckman and S. Terry Childs—The Curation Crisis: Employing Innovative Solutions

10:00  Amy Williams and James Wilde—Collaborating on Contingency Operations: A Reconnaissance Archaeological Survey of Air Base 201 in Niger

10:15  Susan Malin-Boyce and Jo Balicki—The Rediscovery and Restoration of Arlington Cemetery’s Ord-Wietzel and Sheridan Gates, Arlington, Virginia

10:30  Kristina Whitney, Ed Hooker, Kirsten Hebert and Andrea Gregory—A New Push for the MCX: Historic Preservation with the National Cemetery Administration

10:45  Joseph Schuldenrein—“Bringing Up Sonny”: The Trajectory of Pragmatic Archaeology in the Twenty-First Century

11:00  Charles Smith—Discussant

11:15  Michael Trimble—Discussant

[88] Hybrid Symposium: El Niño and the Archaeology of Resilience on the Peruvian Coast (Sponsored by Geoarchaeology Interest Group)

Room: Waldorf Room
Time: 8:00 a.m.–11:30 a.m.
Chair: Daniel Sandweiss

Participants:

8:00  Ana Mauricio, Alice Kelley, Daniel Sandweiss, Francisco Rumiche and Rolf Grieseler—El Niño and the Origins of Adobes in the Americas

8:15  Alice Kelley, Ana Mauricio and Daniel Sandweiss—Building for Protection: Check Dams and El Niño in the Chao Valley, Peru

8:30  Rachel Johnson and Jason Nesbitt—Resilience and Risk in the Placement of Initial Period Coastal Centers

8:45  Paul Roscoe—Resilience and Vulnerability at the End of the Initial Period in Ancient Peru

9:00  Gabriel Prieto—Evidence of ENSO-like Events during the Late Early Horizon (400–200 cal BC) in Huanchaco, North Coast of Peru
9:15 Ari Caramanica—Reexamining Small-Scale El Niño Event–Based Farming on the North Coast of Peru
9:30 Samuel Martin, John Shaw, Chris Cathcart, Marc Marino and Cory Hughes—The Simulation in the Sandbox: Modeling ENSO River Channel Behavior Using Physical Experiments
9:45 Benjamin Vining, Daniel Contreras and Aubrey Hillman—Archaeological and Ecological Evidence for El Niño-Driven Expansion of Agroecological Niches on Peru’s North Coast
10:00 Elizabeth Leclerc—A River Runs through It: Basin-wide Perspectives on ENSO’s Hydrological Risks and Opportunities
10:15 Frankie St. Amand, Elizabeth Leclerc, Emily Blackwood and Heather Landazuri—Getting into (and out of) Hot Water: Climate Hazards, Resiliency, and ENSO in the Archaeological Record
10:30 Heather Landazuri and Daniel Sandweiss—Avenidas de Agua: Indigenous Resilience during the 1578 El Niño
10:45 Mary Van Buren—Discussant
11:00 Questions and Answers

[82] SYMPOSIUM NAVIGATING CULTURE CHANGE: STUDIES IN THE (RE)CREATION OF NEW WORLDS
Room: Lake Huron
Time: 8:00 a.m.–12:00 p.m.
Chairs: Jordi Rivera Prince and Justine Shaw

Participants:
8:00 Glenn Storey—The Disruptive Demographics of Collapse: Or, “Did Anybody See It Coming?”
8:15 Phillip Mendenhall—Phylogenetic Modeling Applications for Community Level Interaction and Resiliency: Using Socially Learnable and Material Preference Factors (Traits) with Upper Ohio Valley Middle Woodland Extant Ceramic Assemblages
8:30 Autumn Melby—Outside Looking In: Everyday Life and the Negotiation of Collapse for Rural Peoples
8:45 Justine Shaw—After the Apocalypse: Domestic Life in the Late Terminal Classic of the Northern Maya Lowlands
9:00 Whitney Goodwin, Leslie Reeder-Myers and Marlen Aguilera Rosales—Socio-ecological Resilience at the Selin Farm Site, Northeastern Honduras
9:15 Laura Wingfield—Subtle and Not-So-Subtle Resistance by the Guaimí of Western Panama: The Case of the Church of San Francisco de la Montaña
9:30 Jordi Rivera Prince—Salinar in the Wake of Chavín: The Emergence of Social Inequality in the North Central Andes at La Iglesia (400–200 cal BC), Moche Valley, Peru
9:45 Christina Conlee—Reinhabiting Nasca: Challenges and Opportunities in a Period of Instability (AD 1200–1450)
10:00  Anna Whittemore, Tiffiny Tung, BrieAnna Langlie, Elizabeth Arkush and Matthew Velasco—Growing Up with Warfare: Childhood Diet and Mobility at a Hillfort in the Lake Titicaca Basin (1275–1500 CE)
10:15  Carla Hernández Garavito—Local Reinventions of Imperial Landscapes in Huarochirí (Peru)
10:30  Kevin Smith—Naturalizing the “Unnatural” Natural: Archaeological and Documentary Perspectives on Responses to Volcanism in Viking Age Iceland
10:45  Stephen Brighton—The Materiality of Cultural Resilience: The Archaeology of Struggle and Transformation in Post-Famine Ireland
11:00  Camilla Sturm—The Shape of Resilience: Reimagining Complexity and Collapse in Neolithic China
11:15  Andrew Maclver—In Conquest’s Wake: Displacement, Negotiation, and Continuity during the Shang-Zhou Transition
11:30  Kong Cheong, Scott Macrae and Gyles Iannone—Burmese Societal Transition at the End of the Bagan Empire
11:45  Ben Raffield—Discussant

[83]  **SYMPOSIUM** LITHIC RAW MATERIALS, TOOLS, AND TECHNOLOGICAL ORGANIZATION: PAPERS IN HONOR OF WILLIAM ANDREFSKY JR.
*Room*: Joliet  
*Time*: 8:00 a.m.–12:00 p.m.  
*Chairs*: Jennifer Ferris, Douglas MacDonald and Nathan Goodale

**Participants:**

8:00  Douglas MacDonald—Discussant
8:15  Nathan Goodale and Colin Quinn—Inter-analyst Reliability and Replicability of Curation Indices
8:30  Robert Bettinger—Two Only Slightly More Complicated Models of Technological Investment
8:45  Justin Williams—Digitizing the HRI: A Tribute to the Work of William Andrefsky Jr.
9:00  Jake Adams—Typological Miscommunication: Can We Get To The Point? A Case Study From Alaska
9:15  Kevin Nolan, Mike Shott and Eric Olson—Point Types as Subjects Using Big Datasets from Southern Ohio
9:30  Philip Fisher—Topographic Morphometrics and Flake Scar Patterns from Late Paleoindian Goshen and Plainview Projectile Points
9:45  Jeffrey Rasic—Regional Characterization of Lithic Landscapes: A Framework for Interpreting Technology, Social Interaction, and Quarry Use
10:00  Edward Knell—Allometry of Unifacial Flake Tools from Mojave Desert Terminal Pleistocene / Early Holocene Sites: Implications for Landscape Knowledge, Tool Design, and Land Use
10:15  Peter Hiscock—Lithic Raw Materials and Morphological Variation, a Small Example
10:30  Anna Prentiss, Thomas Foor, Nathan Goodale, Ashley Hampton and Alysha Edwards—Cache Pits of Housepit 54, Bridge River Site: An Analysis of Lithics, Faunal Remains, and Geochemical Signatures
10:45  Katie Harris—Lithics and the Late Prehistoric: Networks and Interaction on the Southeastern Columbia Plateau
11:00  David Hyde and Fred Valdez Jr.—Shedding Light on the Pre-Maya to Maya Transition: Continuity and Discontinuity in Lithic Technology at Colha, Belize
11:15  Jennifer Ferris and Kerry Lyste—Collaborative Archaeology: Recent Investigations at the Olcott Site
11:30  William Andreisky—Discussant
11:45  Questions and Answers

[84]  **SYMPOSIUM  BORDERLANDS OF THE ANDES: PEOPLES, POLITIES, AND PASTS OF THE CHAUPIYUNGA AND SELVA ALTA**

Room: Astoria Room  
Time: 8:00 a.m.–12:00 p.m.  
Chairs: Amedeo Sghinolfi, Ryan Smith and Patrick Mullins

Participants:
8:00  Atsushi Yamamoto and Ryan Clasby—Centering the Ceja de Selva: Reexamining the Idea of the Eastern Andes as a Cultural Frontier
8:15  Brian McCray—Unstable Boundaries: The Archaeology of Centripetal Events in a Montaña Borderland
8:30  Alexis Mantha—At the Confluence of Sociopolitical Interests Stood the Ancestor: The Dynamics of Political Authority in the Rapayán-Tantamayo Area during the LIP
8:45  Ivan Vivanco—El paisaje sagrado, espacio y arquitectura en los Andes Orientales, Ayacucho
9:00  Ryan Smith—The Long-Term Development and Organization of Multiethnicity along the Eastern Andean Slopes: A Case Study from the Carabaya Valleys of Southern Peru
9:15  Corey Herrmann—The Local without Walls: Reflecting on Borderlands in the Cordillera Costanera de Chone, Manabí, Ecuador
9:30  Kimberly Munro, David Chicoine and George Lau—Roads as Bridges: Assembling Communities and Borderlands over the Longue Durée in Western Ancash
9:45  Amedeo Sghinolfi—Living in Between: The Occupation of the Carabamba Valley, Northern Peru (1800 BC–AD 1532)
10:00  Howard Tsai—Rethinking the Concept of “Intermediate Area,” with Examples from the Andes
10:15  Robyn Cutright—Late Intermediate Period Borderlands, Barriers, and Buildings in the Middle Jequetepeque and Lower Chira Valleys

Room: Astoria Room  
Time: 8:00 a.m.–12:00 p.m.  
Chairs: Amedeo Sghinolfi, Ryan Smith and Patrick Mullins

Participants:
8:00  Atsushi Yamamoto and Ryan Clasby—Centering the Ceja de Selva: Reexamining the Idea of the Eastern Andes as a Cultural Frontier
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10:30  Patrick Mullins and Alicia Boswell—Many Borderlands, Distinct Histories: Comparing the Late Intermediate Period (900–1470 CE) Chaupiyungas of the Moche Valley

10:45  Kasia Szremski—Thriving in Liminal Spaces: Networks, Intermarriage, and Mutual Aid in the Huanangue Valley, Peru

11:00  Nicola Sharratt and Sofia Chacaltana-Cortez—Tierra del sol, la Amistad y los recursos: Incursion and Interaction in Southern Peru

11:15  Sonia Alconini—Discussant

11:30  Tom Dillehay—Discussant

11:45  Questions and Answers

[85]  Symposium: Zooarchaeology: Beyond Human Subsistence
(Sponsored by Zooarchaeology Interest Group)

Room: PDR #2
Time: 8:00 a.m.–12:00 p.m.
Chairs: Gillian Wong and Amy Klemmer

Participants:
8:00  Laura Kozuch—Cahokian Shell Bead Crafting
8:15  Karen Schollmeyer—Animal Remains in Ceremonial and Communal Spaces in the Mogollon Area of the US Southwest
8:30  Nicole Mathwich, Priscilla Hernandez, Carolina Ocana and Gina Dee—Situating Misión Dolores de Cósari: Emergent Regional Ranching Practices in Spanish Colonial Sonora
8:45  Nicolas Delsol, Jessica Oswald, Brian Stucky, Robert Guralnick and Kitty Emery—First Cow(s): Exploring Human and Cows Migrations in the Postcolumbian Atlantic World through Ancient DNA
9:00  Christina Giovas, Scott Fitzpatrick and Sandrine Grouard—Advancing Chronology Building for Introduced Agouti (Dasyprocta sp.) in the Pre-Columbian Lesser Antilles, Caribbean
9:15  Arianne Boileau—Maya Political Economy on a Colonial Frontier: A Zooarchaeological Analysis of Elite and Non-elite Households at Lamanai, Belize
9:30  Aleksa Alaica—Guinea Pigs and Community Health: Insights from the Middle Horizon Period (CE 600–100) of the Cañoncillo Archaeological Complex, North Coast, Peru
9:45  Questions and Answers
10:00  Amy Klemmer—Reimagining Research and Community Engagement Using 3D Modeling of Osteological Comparative Collections
10:30 Juliana Rubinatto Serrano, Maria Camila Vallejo-Pareja, Susan deFrance, Sarah Baitzel and Paul Goldstein—Taphonomic and Paleoecological Insights from Anurans on Tiwanaku Sites in Southern Peru

10:45 Gillian Wong, Britt Starkovich and Nicholas Conard—How Local Are Those Paleoenvironmental Reconstructions? A Taphonomic Analysis of the Microfaunal Remains from Langmahdhalde, a Magdalenian Site in Southwest Germany

11:00 Madison McCartin, Britt Starkovich, Samantha Brown and Nicholas Conard—New Zooarchaeological Approaches to the Magdalenian Faunal Assemblage from Petersfels (Hegau Jura, SW Germany)

11:15 John Gorczyk—Rooting for Answers: Exploring Human-Pig Interactions during the Early Neolithic in Southeastern Europe

11:30 Ignacio Lazagabaster, Micka Ullman, Roi Porat, Uri Davidovich and Nimrod Marom—Evidence of Ecosystem Changes through the Study of Late Pleistocene-Holocene Mammal Assemblages and Cave Exploration in the Judean Desert

11:45 Carola Flores-Fernandez and Daniel Hernández—Shells as Fishing Tools from the Pacific Coast of South America (~7500-4500 Years BP)

[86] **Symposium: Before the Borders: Reconsidering Southern Mogollon Connections**

**Room:** Marquette Room  
**Time:** 8:00 a.m.–12:00 p.m.  
**Chairs:** Scott Nicolay and Thatcher Seltzer-Rogers

**Participants:**

8:00 Harry Shafer—Mimbres Hearths and Floor Vaults: Pathways to the Ancestral World

8:15 Robert Stokes—What Do We Need to Understand about the Types of Pottery Found in Caves and Rockshelters in the Mogollon Region?

8:30 Margaret Berrier— Petroglyph Pathways: Exploring the Possibilities for Cultural Corridors between Eastern and Western New Mexico

8:45 Belinda Mollard—Understanding a Ritual Landscape: An Investigation into the Rock Art of the Jornada Mogollon Region of the American Southwest

9:00 Scott Nicolay—Taking the Serpent by the Horns: Reconsidering Quetzalcoatl in the Southwest/Northwest


9:30 Barbara Roth, Danielle Romero and Darrell Creel—Investigating Cultural Interaction between the Mimbres and Upland Mogollon

9:45 Karl Laumbach and Toni Laumbach—Interaction on the Northern Mogollon Frontier: Perspectives from the Cañada Alamosa

10:00 Questions and Answers

10:15 Jakob Sedig and Meradeth Snow—Biological Connections in the Southern Mogollon
10:30  John Carpenter, Matthew Pailes and Guadalupe Sánchez—Confronting the Mogollon Monster: A Perspective from Northwest Mexico
10:45  Patricia Gilman and Thatcher Rogers—Mimbres Connections into the Southern Mogollon Region: The West Baker Shrine Site at the Far Edge of Things Mimbres
11:00  Jupiter Martinez—Looking into the Viejo Period in the Sonoran Sierra Madre and Further Back
11:15  Thatcher Seltzer-Rogers—Superando una frontera intelectual: Investigating the Animas Phase and Mimbres-Casas Grandes Connections in the International Four Corners
11:30  Emiliano Gallaga—The Mogollon from the Other Side: New Research from Chihuahua
11:45  José Luis Punzo Díaz—Discussant

[87]  SYMPOSIUM  JOHN WAYNE JANUSEK AND THE TIWANAKU REVOLUTION
Room: Lake Erie
Time: 8:15 a.m.–12:00 p.m.
Chairs: Patrick Ryan Williams and Andrew Roddick

Participants:
8:15  Tiffiny Tung, Steven Wernke, Beth Conklin and Tom Dillehay—Ebullience and Empire: Reflections on Performative Statemaking in the Work of John Janusek
8:30  Alexei Vranich, Erik Marsh and Andrew Roddick—The Lake Titicaca Architectural Tradition from the Formative to the Tiwanaku Periods
8:45  Anna Guengerich and Patrick Ryan Williams—Head for the Mountains: Sourcing Tiwanaku’s Stone Monoliths
9:00  Maria Bruno, Sonia Alconini, Claudia Rivera, Deborah Blom and Nicole Couture—The Barrios of Tiwanaku: Revisiting the Urban Neighborhoods of an Ancient Andean City
9:15  Corey Bowen and Marc-Antoine Vella—Constructing a Tiwanaku Hydrocosmology
9:30  Carlos Lemuz and Roger Cossio—Tecnología prehispánica de reservorios de agua en la cuenca del Río Desaguadero, Bolivia
9:45  Jennifer Zovar, Erik Marsh and Arik Ohnstad—Khonkho through the Ages: Memory and Ritual in a Living Andean Landscape
10:00  Maribel Pérez Arias, Adolfo Pérez Arias and Scott Smith—River and Pampa: A Regional View of the Machaca Formative
10:15  Questions and Answers
10:30  Charles Stanish and Elizabeth Klarich—Tiwanaku in the Northern and Western Lake Titicaca Basin
10:45  Donna Nash and Andrew Roddick—Crafting Social Identities with a “Unique Twist”: A Return to Janusek’s Style Research in the South-Central Andes
11:00  Paul Goldstein, Nicola Sharratt, Bruce Owen and Sarah Baitzel—Comparing Household and Settlement of the Moquegua Province and John Janusek’s Tiwanaku
11:15  Steve Kosiba and Carla Hernández Garavito—The Transcendent Power of Rock: Landscape and Subjectivity in the Ancient Andes
11:30  Christine Hastorf—Discussant
11:45  Timothy Pauketat—Discussant

[89] SYMPOSIUM: ALTERED STATES OF CONSCIOUSNESS: RECENT RESEARCH ON MIND-ALTERING SUBSTANCES AND PRACTICES IN THE ANCIENT AMERICAS
Room: Williford Room B
Time: 8:30 a.m.–12:00 p.m.
Chair: Cathy Costin

Participants:
8:30  Cathy Costin—Seeing Mind-Altering Substances and Practices in the Archaeological Record
8:45  Sean Rafferty—The Epistemology of Intoxicant Research
9:00  Jennifer Loughmiller-Cardinal—The True Science of “Folk” Chemistry
9:15  Sheldon Skaggs, Adam King, Christina Luke, Nilesh Gaikwad and Terry Powis—Ritual Drinks in an Ulúa Vase from the Ancient Maya City of Pacbitun, Belize
9:30  Sarah Wenger, Paul Wojtal, Kim Popendorf, Hilary Close and William Pestle—Snuffs to Reach the Spirit Realm: A Forensic Analysis of Ancient Hallucinogenic Snuffs from the Middle Period of the Southern Andes
9:45  Savannah Newell—Investigating Consumption: A Case Study of Tobacco Use in the Lower Illinois River Valley
10:00  Veronique Belisle—Hallucinogens and Fermented Beverages in Middle Horizon Cusco, Peru: Community-Building and Tensions in a Context of State Intrusion
10:15  Questions and Answers
10:30  David Robinson, Ana Ejarque, Devlin Gandy, Lynne Dennany and Matthew Baker—Datura Quids and Rock Art: New Insights from Pinwheel Cave, California
10:45  Colin Domnauer and Cathy Costin—Iconographic Evidence for the Use of Vilca (Anadenanthera spp.) during the Formative Period on the North Coast of Peru
11:00  Christine VanPool and Todd VanPool—Animal Transcosmological Traveling in the Casas Grandes World
11:15  Matthew Sayre—Galleries, Processions, and How the Mind Moves with Sacred Plants
11:30  Todd VanPool, Christine VanPool, Laura Lee and Paul Robear—Trance with and without Entheogens
11:45  Justin Jennings—Discussant
POSTER SESSION: THE PALEOLITHIC IN AFRICA
Room: Poster Hall
Time: 9:00 a.m.–11:00 a.m.

Participants:
90-a Amanda Leiss, Michael Rogers and Sileshi Semaw—Paleoenvironmental Reconstructions of Gona, Ethiopia, between 3 and 1 mya: Evidence from Faunal Analysis
90-b Michaela Zewdu Tizazu, Jonathon Reeves, Matthew Douglass and David Braun—Core Reduction: A Novel Simple Geometric Approach to Measuring Reduction Intensity
90-c Evan Wilson, Peter Lanzarone, Brady Kelsey, Elisabeth Hildebrand and Steven Brandt—Making the Cut: Combining Photogrammetry and GPR to Model a Late Pleistocene Palaeosurface at Mochena Borago, Southwestern Ethiopia
90-d John Murray, Jacob Harris, Andrew Zipkin, Simen Oestmo and Curtis Marean—A New Multiproxy Approach to Distinguish Aboveground and Belowground Lithic Heat Treatment Methods
90-e Olivia Kracht, Steven Brandt, Elisabeth Hildebrand and Courtney Sprain—Geochemical Analysis of Volcanic Deposits in Mochena Borago Rockshelter, SW Ethiopia: Implications for Stratigraphic Correlation and \(^{40}\text{Ar/}{^{39}}\text{Ar Geochronology}\)
90-f Brady Kelsey, Evan Wilson, Elisabeth Hildebrand and Steven Brandt—Diachronic Changes in Late Pleistocene Ochre Technology at Mochena Borago Rockshelter, SW Ethiopia
90-g George Leader, Theodore Marks, Rachel Bynoe, Kaarina Efraim and Dominic Stratford—Technological Adaptations in the Namib Desert: A New Look at Earlier and Middle Stone Age Sites
90-h Peyton Carroll, John Murray, Miles Martin and Curtis Marean—Comparing Piece-Plotted and Sieved Stone Artifacts from Pinnacle Point 5-6
90-i David Ruiz Menjivar, Michaela Zewdu Tizazu and Steven Brandt—Morphometric and Technological Analyses of Late Pleistocene and Early Holocene Lithic Assemblages from Guli Waabayo Southern Somalia

POSTER SESSION: BIOARCHAEOLOGY AND MORTUARY ANALYSIS IN THE CLASSIC MAYA WORLD
Room: Poster Hall
Time: 9:00 a.m.–11:00 a.m.

Participants:
91-a Ava Godhardt, Lauri Thompson, Julie Saul and David Hyde—Contemporaneous or Close at Death? Two Late Classic Burials from the Medicinal Trail Community, Northwestern Belize
91-b Aubree Marshall, Gabriel Wrobel, Rafael Guerra and Jaime Awe—Before the Flood: Skeletal Analysis of the Chalillo Dam Salvage Collection
91-c  Anne Sherfield, Ruth Brenton, Thomas Lobato, Tatijana Jovanovic and Michael Smith—Burials and Society at Teotihuacan: Examining Social Differentiation through Residential Burials

91-d  Paige Woolfolk and Rosalba Yasmin Cifuentes Argüello—Contextualizing Commingled Remains from the Ex-Convento de Santo Domingo, La Antigua, Guatemala

91-e  Tiffany Santiago, Katherine Miller Wolf and Rebecca Storey—Paleopathology of Migrants to Ancient Copan during the Late Classic

[92]  **Poster Session: Archaeology in the Andes**

**Room:** Poster Hall  
**Time:** 9:00 a.m.–11:00 a.m.

**Participants:**

92-a  Adrián González Gómez De Agüero, Francesca Fernandini and Paul Szpak—Agricultural Practices at Cerro de Oro, Cañete Valley, Peru: An Isotopic Investigation

92-b  William Taylor, Juan Belardi, Flavia Carballo Marina, Luis Borrero and Emily Lena Jones—Early Domestic Horse Exploitation in Southern Patagonia: Archaeozoological and Biomolecular Evidence from Chorrillo Grande, Argentina

92-c  Carlos Osores Mendives—Domestic Life and Warfare in the Zaña Valley during the Late Intermediate Period (AD 1000–1450)

92-d  David Chicoine and Amy Hair—Photogrammetry and 3D Modeling at Cerro San Isidro, Nepeña Valley, Peru

92-e  Ashley Vance—Living, Nonliving, and Once Alive: The Biology of Spondylids of the Eastern Pacific Ocean

92-f  Sarah Massey, George Chauca I and Cesar Durand P—Los geoglifos de Tajahuana del valle medio de Ica, Peru

92-g  Joshua Milon and Carla Hernández Garavito—Huarochiranos before and after the Inka: Results from ICP-MS Ceramic Analysis in Ampugasa and Canchaje

92-h  M. Elizabeth Grávalos—Crafting the Casma Polity: Compositional Analysis of Ceramics from Peru’s Casma Valley Held in Field Museum Collections

92-i  Gabrielle Tornquist and Bailey Kirsten—Application of GIS and Google Earth in the Detection of Prehistoric Roads, Arequipa, Peru

92-j  Sarah Martini and Ana Montoya Cabrera—Ayabaca before the Inca: Archaeological Possibilities in the Highlands of Peru between the Northern and Central Andes

92-k  Arturo Rivera I. and Sarah Baizel—Highland Hunters and Fishing Folk: Insights into the Prehispanic Lithic Assemblage of the Middle Sama Valley (Tacna, Peru)

92-l  Alesia Hoyle—Watery Relations: Assessing Complex Hydrological Systems and Pastoralism in the High Puna of the Bolivian Apolobamba
92-m Emily Milton, Daniela Osorio and Sarah Meinekat—A Biocultural Approach to Environmental Isotopic Baselines: A Case Study from Southern Peru

[93] **POSTER SESSION: CONFLICT, WAR, AND VIOLENCE**
**Room:** Poster Hall  
**Time:** 9:00 a.m.—11:00 a.m.

**Participants:**
93-a Drosos Kardulias—Medieval Roman Fortifications on an Aegean Island: GIS Analysis of the Kastra of Kalymnos, Greece  
93-b Kelly McGeehe and John Schultz—Classifying Chopping/Hacking Sharp Force Trauma Characteristics on Bone Utilizing Multiple Weapons  
93-c Emily Sharp—Examining Rates of Physical Violence in the Callejón de Huaylas, Peru, from 1100 to 1300 CE  
93-d Anabelle Andersen—A Proposed Reconstruction of the Underground Cityscape of Derinkuyu, Turkey

[94] **POSTER SESSION: CAVES AND ROCKSHELTERS**  
**Room:** Poster Hall  
**Time:** 9:00 a.m.—11:00 a.m.

**Participants:**
94-a Zachary Dierks—Debitage and Tools: Lithic Analysis at Woodpecker Cave  
94-b Katelyn McDonough and Richard Rosencrance—Records of Younger Dryas Life at Connelly Caves 4 and 5, Oregon  
94-c Joseph Snider and Jarrod Burks—Recovering Data from the Trace Rockshelter in Jackson County, Ohio: A Successfully Litigated NAGPRA Case  
94-d Casie Fort, Katherine Grillo, Lindsay Bloch and Steven Brandt—Using pXRF Analysis of Ceramics to Determine the Nature of Holocene Inselberg Occupation at Three Sites in Southern Somalia

[95] **POSTER SESSION: SET IN STONE: STORIES TOLD BY LITHIC ANALYSES**  
**Room:** Poster Hall  
**Time:** 9:00 a.m.—11:00 a.m.

**Participants:**
95-a Kelsey Sullivan and Kenichiro Tsukamoto—Ancient Maya Tool Production and Use of High-Quality Dark Brown Chert at El Palmar (Campeche, Mexico) and Its Hinterlands
95-b Jordan Lee, Jaime Awe and W. James Stemp—The Ideological Significance of Eccentric Lithic Caches from Ballcourt 2 at Xunantunich, Belize
95-c John Roney—Cruciform Artifacts in the Southwestern United States and Northwestern Mexico
95-d David Witt—A Quick Characterization of Lithic Materials with Ultraviolet Light: An Attempt to Accurately Determine the Presence of Narbona Pass Chert

[96] **POSTER SESSION**

**RECENT RESEARCH ON THE MAYA**

**Room:** Poster Hall  
**Time:** 9:00 a.m.—11:00 a.m.

**Participants:**
96-a Erin Thornton, Kitty Emery, M. Charlotte Arnauld and Arianne Boileau—Good Things Come in Small Packages: A Unique Maya Cache from La Joyanca (Petén, Guatemala)
96-b Ian Roa, Claire Ebert, Julie Hoggarth, Jaime Awe and Rafael Guerra—Isotopic Evidence for Human-Animal Ritual Engagement in the Eastern Maya Lowlands
96-c Angela Huster—Imports and Knock-Offs: The Uses of Aztec Black on Orange at Postclassic Calixtlahuaca
96-d Cady Rutherford, Marisol Cortes-Rincon and Jonathan Ro—Relationships of Production in Maya Households
96-e Nicholas Puente, Sarah Kurnick and David Rogoff—The Vibrant Road: An Analysis of a Sacbe at Punta Laguna, Mexico
96-f Emma Messinger—From Corn to Cacao: Building a Database for Exploring Human-Plant Interactions in the Maya Lowlands
96-g Scott Fedick and Louis Santiago—Drought Resistance of Indigenous Food Plants of the Maya Lowlands: Complementary Physiological and Ethnographic Approaches

[97] **SYMPOSIUM**

**FROM CLOVIS TO CODY: EAST MEETS WEST**

**Room:** Williford Room C  
**Time:** 9:00 a.m.—12:00 p.m.

**Chairs:** Thomas Loebel, Andrew White and John Lambert

**Participants:**
9:00 Madeline Mackie, Todd Surovell, Robert Kelly, Spencer Pelton and Matthew O’Brien—Investigating an Associated Camp at the La Prele Mammoth Site
9:30 Mark Anderson and John Doershuk—The Rummells-Maske Clovis Site, 13CD15: 48 Years from Discovery, Interpretation, Rediscovery, Reanalysis, and New Considerations
9:45  Kelton Meyer—Reddin Redux: Looking Back at Folsom-age Settlement of the Northern San Luis Valley, Colorado
10:00  David Kilby, Charles Koenig, Marcus Hamilton, Madeline Mackie and Robert Kelly—Reconsidering Early Paleoindian Use of Rockshelters in Central and Southwest Texas
10:15  Matthew G. Hill and Thomas Loebel—Technological Association of Stag-Moose and Paleoindians in the Midcontinent
10:30  Andrew White—Agate Basin in the Eastern Woodlands
10:45  John Lambert and Thomas Loebel—Cody Complex Foragers on the Eastern Fringe: Scottsbluff and Hardin in the Western Great Lakes
11:00  Thomas Jennings, Ashley Smallwood, Michael Waters, Joshua Keene and Timothy Perttula—Golondrina in the Southern Plains: Exploring Affinities to the Dalton Horizon of the Eastern Woodlands
11:15  Thomas Loebel, John Lambert and Matthew G. Hill—The Upper Mississippi River Valley Dalton Technocomplex
11:30  D. Shane Miller, Derek Anderson, James Strawn and Robert Barlow—The Curious Case of Early Holocene Jude Points, or Were There Plains Interlopers in the Tombigbee River Valley, Mississippi?
11:45  Jason LaBelle—Discussant

[98]  SYMPOSIUM UPPER PALEOLITHIC IN SOUTHWESTERN IBERIA: THE SITE OF VALE BOI
Room: Williford Room A
Time: 9:00 a.m.–12:00 p.m.
Chairs: Nuno Bicho and João Cascalheira

Participants:
9:00  Nuno Bicho and João Cascalheira—The Upper Paleolithic site of Vale Boi, Southern Portugal
9:15  Alvise Barbieri, João Cascalheira, Vera Aldeias and Nuno Bicho—Upper Paleolithic Foragers on a Slope: Geoarchaeological Data from Vale Boi (Southern Portugal)
9:30  João Marreiros, Juan Gibaja and Nuno Bicho—Revisiting and Modeling the Early Gravettian Occupation in the Southwestern Iberian Peninsula
9:45  João Cascalheira, Joana Belmiro and Nuno Bicho—The Last Glacial Maximum at Vale Boi
10:00  Pedro Horta, João Cascalheira and Nuno Bicho—The Recurrent Use of Lithic Bipolar Technology as a Resource Extraction Strategy during Upper Paleolithic of Vale Boi
10:15  Cassandra Hamilton—Rendering New Insights: An Investigation of Bone Processing Activities at Vale Boi
10:30  Milena Carvalho, João Cascalheira and Nuno Bicho—Human Paleoecology during the Gravettian and Proto-Solutrean in Southwestern Iberia: A Stable Isotope Analysis of Herbivore Teeth from Vale Boi (Portugal)
10:45  Célia Gonçalves, Daniela Maio, João Cascalheira and Nuno Bicho—Intrasite Spatial Analysis at the Upper Paleolithic Site of Vale Boi, Southern Portugal

11:00  Joana Belmiro, João Cascalheira, Xavier Terradas and Nuno Bicho—Raw Material Provisioning and Use throughout the Upper Paleolithic at Vale Boi (Southwestern Iberia)

11:15  María Simón-Vallejo, Miguel Cortés-Sánchez, Rubén Parrilla-Giráldez, João Cascalheira and Nuno Bicho—Portable Art of the Vale Boi Site (Algarve, Portugal), in the Context of the Paleolithic Art of the South of the Iberian Peninsula

11:30  Frederico Regala and Lino André—Ornament Productions in the Upper Paleolithic of Vale Boi (SW Portugal)

11:45  Jonathan Haws—Discussant

[99]  SYMPOSIUM RECONSIDERING THE MONGOL EMPIRE: INTEGRATING HISTORIES AND ARCHAEOLOGIES TO BUILD NEW NARRATIVES

Room: Conference Room 4M
Time: 9:00 a.m.–12:00 p.m.
Chairs: Alicia Ventresca Miller and Susanne Reichert

Participants:
9:00  Ursula Brosseder—Forging an Empire: A Comparative Approach to Iron Metallurgy of the Xiongnu and the Mongol Empires
9:15  Bayarsaikhan Jamsranjav and Julia Clark—The Mongol Empire Cemetery of Khorig: A Comparison of Xiongnu and Mongol Funeral Rituals
9:30  Shevan Wilkin, Alicia Ventresca Miller, Erdene Myagmar and Nicole Boivin—Complexities of Subsistence and Economy in the Mongol Empire
9:45  Byambadorj Batsuren, Bayarsaikhan Jamsranjav and Julia Clark—Disease among the Mongols: Paleopathological Analysis of the Khorig Mountain Site in Northern Mongolia

10:00  Questions and Answers
10:15  Jan Bemmann—Constructing Space: An Imperial Launched Settlement System in the Core Area of the Mongol Empire
10:30  Andrea Valedon-Trapote—Rethinking the Yuan “Chinese” Palace City: Building Ordo Spatial Logic into the Mongol Great Capital
10:45  Susanne Reichert—Building a City: A Kiln Site at Khar Khul Khaany Balgas, Mongolia, from the Era of the Mongol Empire
11:00  Golriz Farshi—Gateways of Charity: Mongol Sacred Kingship in Fourteenth-Century Iran
11:15  Bryan Miller and Alicia Ventresca Miller—Central Places in the Mongol Empire
11:30  Nikolay Kradin—Mongolian Polity Before and at the Beginning of Expansion: A View from Transbaikalia and the Russian Far East
11:45  Alicia Ventresca Miller—Discussant
[100]   **Forum: Confronting Ableism in Archaeology: Inviting Disability Expertise to the Table**

   **Room:** Continental A  
   **Time:** 10:00 a.m.–12:00 p.m.  
   **Moderators:** Katherine Kinkopf, Laura Heath-Stout and Laurie Wilkie  

   **Participants:**  
   Chelsea Blackmore—Discussant  
   Travis Corwin—Discussant  
   Stephen Humphreys—Discussant  
   Matthew Johnson—Discussant  
   Mallory Melton—Discussant  
   Maureen Meyers—Discussant  
   Megan Springate—Discussant  
   Joshua Vallejos—Discussant

[101]   **Symposium: Interdisciplinary Approaches to Rock Art Documentation, Research, and Site Management, Part 2**  
   *(Sponsored by Rock Art Interest Group)*  

   **Room:** Conference Room 4D  
   **Time:** 10:15 a.m.–12:00 p.m.  
   **Chair:** Amanda Castañeda  

   **Participants:**  
   10:30 Emily Van Alst—Heȟáka pȟęžúta: A Multidisciplinary Approach to Elk Imagery and Traditional Plants  
   10:45 Alejandro Figueroa—Rock Art Networks of Central Honduras: Insights from Iconography and Archaeometry  
   11:00 Karen Steelman, Carolyn Boyd and James Dering—New Rock Art Dates for the Lower Pecos Canyonlands  
   11:15 James Dering, Karen Steelman and Carolyn Boyd—Pecos River Style Art as a Late Archaic Period Phenomenon in the Lower Pecos Canyonlands, Texas, USA, and Coahuila, Mexico  
   11:45 Diana Radillo Rolón and Carolyn Boyd—Comparative Analysis of Pecos River Style and Teotihuacan Felines

[102]   **Symposium: Art and Iconography Across the Globe**  

   **Room:** Boulevard A  
   **Time:** 10:15 a.m.–12:00 p.m.  
   **Chair:** Kevin O’Briant
Participants:
10:15 Bobi Deere—Paraphernalia Associated with Shamanism: A Look at the Tools and Evidence for Ritual Practitioners that Use Altered States of Consciousness
10:30 Jordan Schaefer, Jan Simek and Alan Cressler—The Applications of Photogrammetry and GIS for Analyzing Mud Glyphs in 19th Unnamed Cave, Alabama
10:45 Kevin O’Briant—From Object to Subject: Symmetrical Archaeology and Materialized Memory on the Northern Plains
11:00 Stanley Ambrose—Contested Traditions: Maasai Rock Art and New Testament Overpainting at a Meat-Feasting Site in Southwest Kenya
11:15 Abdullah Alsharekh—The Engraved Axes: A Unique Rock Art Site in Southwest Saudi Arabia
11:30 Maxwell Forton—A Long Way From Chaco: The Mac-Stod Great House and Regional Rock Art Practices
11:45 Joaquin Montoya—Inventory of Rock Art on the Pajarito Plateau

[103] Symposium: Archaeoastronomy
Room: PDR #3
Time: 10:45 a.m.—12:00 p.m.
Chair: R. Jeffrey Frost
Participants:
10:45 R. Jeffrey Frost—To Follow the Sun: Solar Observations in Precolumbian Costa Rica
11:00 Bob Benfer, Bernardino Ojeda R. and Andrés Ocas Q.—Astronomical Alignments from Structures Surrounding Giant Animal Effigy Mounds at El Paraíso, Peru
11:15 Ivan Ghezzi—High-Precision Dating of the Chankillo Solar Observatory: Wiggle-Matching and Modeling Dendroarchaeological Radiocarbon Dates
11:30 Rubén Mendoza—The War of Heaven: A Reappraisal of the Aztec Sun Stone in Light of the New Fire Ceremony of AD 1507
11:45 Gordon Houston—The Houston Solar Marker Matrix, Revised

[104] Symposium: Maya Archaeology, Part I
Room: Continental B
Time: 10:45 a.m.—12:00 p.m.
Chair: Jeffrey Brewer
Participants:
10:45 Katharine Stephens, Kenichiro Tsukamoto and Kelsey Sullivan—Preliminary Results of the Royal Palace at El Palmar, Mexico
11:00 George Kollias—Political Boundaries and a Varied Landscape on the Usumacinta
11:15 Morgan Clark, Stephen Houston, Thomas Garrison, Timothy Beach and Elizabeth Marroquin—Citadels, Sieges, and Water Supply: Maya Warfare at La Cuernavilla, Guatemala
11:30 Jeffrey Brewer and Christopher Carr—Evaluating Small Depressions as Quarry-Reservoirs at the Classic Maya Site of Yaxnohcah
11:45 Sarah Kurnick and David Rogoff—Community Archaeology Meets Settlement Pattern Studies: Reassessing the Relationship between Punta Laguna and Cobá

[105] SYMPOSIUM: PALEOINDIAN ARCHAEOLOGY: GEOARCHAEOLOGY AND DATING
Room: Continental C
Time: 11:00 a.m.–12:00 p.m.
Chair: William Jerrems
Participants:
11:00 Kelly Graf, Ted Goebel and Julie Esdale—The McDonald Creek Archaeological Site, Tanana Flats, Interior Alaska: An Update
11:15 William Jerrems and Amy Dansie—More Bits and Pieces: Twenty Years of Lahontan Basin Paleoindian Research
11:30 Bruce Huckell, Vance Haynes, Vance Holliday, Gregory Hidgins and Lisa Huckell—Dating the Naco Clovis Site
11:45 David Leslie and William Ouimet—Repeated Paleoindian and Early Archaic Occupations at the Brian D. Jones Paleoindian Site in Avon, Connecticut, between 12,500 and 9,000 Years Ago

Friday Afternoon • April 1, 2022

[106] SYMPOSIUM: RECENT RESEARCH ACROSS AFRICA
Room: Continental C
Time: 1:00 p.m.–2:00 p.m.
Chair: Akin Ogundiran
Participants:
1:00 Jay Silverstein, Robert Littman and AbdelRahman Medhat—Cleopatra VII and the Fragrance Industry at Ptolemaic Tell Timai, Egypt
1:15 Matthew O’Leary and Christopher DeCorse—Marketing Empire: Smoking, Pipes, and Cultural Entanglement in Colonial Senegal
1:30 Akin Ogundiran, Olusegun Moyib and Jonathan Aleru—Ajōgbé and Ājōbí: Archaeology of Household Organization in the Metropolis of the Oyo Empire (1570–1840)
1:45 Wolfgang Alders—Uneven Ground: Settlement Reorganization in Zanzibar, Tanzania, from 1000 to 1900 CE
[107] **SYMPOSIUM: ARCHAEOLOGIES OF MIGRATION: ANCIENT TO MODERN**

**Room:** Conference Room 4M  
**Time:** 1:00 p.m.–2:15 p.m.  
**Chairs:** Andrew MacIver, Zichan Wang and Kirie Stromberg

**Participants:**

1:00 Zichan Wang, Andrew MacIver and Kirie Stromberg—An Integrated Approach to Migration and Power during the Longshan Period

1:15 Mavis Greer and John Greer—Northern Plains Migration as Reflected in Rock Art

1:30 Alessandra Cianciosi and Stefania Manfio—Traveling Together and Keeping Apart: The Impact of Changes in Transportation Technology and Medical Policies on Human Mobility in the Indian Ocean during the Nineteenth Century

1:45 Nicole Smith and Alaina Wibberly—Archaeological Ethnography and the Politics of Encounter: Navigating Landscapes of Conflict along the US-Mexico Border

2:00 Anneke Janzen—Mobilities of Early African Pastoralists: Isotopic Approaches

[108] **SYMPOSIUM: ARCHAEOLOGY OF THE IBERIAN PENINSULA AND BALEARIC ISLANDS**

**Room:** Conference Room 4D  
**Time:** 1:00 p.m.–2:15 p.m.  
**Chair:** Justin Soares

**Participants:**

1:00 Marcos Llobera, Grant Snitker, Gabriel Servera-Vives, Joan Fornós-Astó and Lluís Gómez-Pujol—Reading across the Lines: A Multiproxy Reconstruction of Human-Environmental Interaction in a Western Mediterranean Landscape (Mallorca, Balearic Isles, Spain)

1:15 Brandon Lewis, Rui Mataloto, Alanna Anglin and Hugo Miranda de Morais—Excavation of the Roman Basilica at Freixo, Portugal: Roman Imperial Expansion and Decline in the Southern Iberian Peninsula and Post-collapse Christianity

1:30 Alexander Smith, Amalia Pérez-Juez, Paul Goldberg, Kathleen Forste and Emma Wagner—Excavations at Torre d’en Galmès, Menorca (Spain): Results from the First Two Seasons of the Menorca Archaeological Project

1:45 Kathleen Forste, Amalia Pérez-Juez, Alexander Smith and Paul Goldberg—Preliminary Investigations of Andalusian Agriculture at Torre d’en Galmès, Menorca, Spain

2:00 Justin Soares, Derick Juptner, Rui Mataloto, Katina Lillios and Matt Hill—Subsistence Practices during the Bronze Age (2200–750 BCE) of Southwestern Iberia: An Analysis of the Faunal Assemblage from Evoramonte (Évora, Portugal)
[109] SYMPOSIUM Recent Research in the Woodland Tradition of Northeastern North America
Room: Continental A
Time: 1:00 p.m.–2:15 p.m.
Chair: Justin Reamer

Participants:
1:00 Justin Reamer—Non-maize Cultigens in the Upper Delaware Valley: Results of Paleoethnobotanical Analysis from Manna (36Pi4)
1:15 Christian Gates St-Pierre, Marie-Annick Prévost, Karine Taché, Iris Lee and Camille Després-Coulombe—An Integrative Approach to the Study of Ancient Foodways: A Case Study from the Iroquoian Isings Site, Quebec
1:30 Kenneth Holyoke and Branden Rizzuto—A Red Chert by Any Other Name: Evaluation of the Use of pXRF for Geochemically Discriminating Carboniferous Cherts of Southeast New Brunswick, Canada
1:45 Sarah Sportman and Brianna Rae—A Reevaluation of Precolonial Indigenous Occupations at the Grannis Island Site (93-9), New Haven, Connecticut
2:00 Taylor Triplett—Theorizing Absence, Locating Liminality: Evidence for Multistage Burial Features in the Late Woodland Middle Atlantic

[110] SYMPOSIUM Maya Archaeology, Part II
Room: Continental B
Time: 1:00 p.m.–2:15 p.m.
Chair: Jim Aimers

Participants:
1:00 Rachael Wedemeyer and Kenichiro Tsukamoto—Preliminary Investigations of the López Plaza, a Small Plazuela Compound in El Palmar’s Main Group
1:15 Jonathan Roldan and Lydia Wolfe—Locating a Marketplace at the Ancient Maya City of Lakamha’, Mexico, Using the Configurational Approach
1:30 Mary Clarke—Household and State Provisioning Strategies: Applying a Distributional Approach to Assess Marketplace Exchange at Xultun, Guatemala
1:45 Jim Aimers—Mesoamerican Urban Form
2:00 Jerald Ek—On Classic Maya Imperialism

[111] SYMPOSIUM aDNA, the Dental Microbiome, and Teeth
Room: Boulevard B
Time: 1:00 p.m.–2:30 p.m.
Chair: Anne Austin

Participants:
1:00 Sterling Wright, Marine Chkadua and Laura Weyrich—Characterizing the Ancient Oral Microbiome in the Northern Caucasus
1:15  Laura Weyrich, Andrew Farrer, Abigail Gancz and Keith Dobney—Biological, Pathological, and Temporal Drivers of the Oral Microbiome Composition in Ancient British Populations
1:30  Abigail Gancz, Sterling Wright and Laura Weyrich—Archaeological Dental Calculus Sampling Strategies: Best Practices for Archaeologists
1:45  Andrea Vianello, Rays Jiang, Swamy Rakesh Adapa, Greg O’Corry-Crowe and Karen Hendrix—Revealing Pathogens in Possible Justinianic Plague Victims at Jerash (Jordan) ca. 650 CE
2:00  Rachel Summers-Wilson, Meradeth Snow and Michael Searcy—Mitogenome Analysis of Individuals Interred in the House of the Dead Complex at Paquimé (Casas Grandes), Mexico
2:15  Anne Austin—Dental Health and Dentistry in Ancient Egypt: Possible Evidence for Dental Filling and Extraction

[112]  Hybrid Forum: Maritime Prehistory of Northeast Asia I: Boating and Pleistocene Maritime Migration
Room: Waldorf Room
Time: 1:00 p.m.—3:00 p.m.
Moderators: Jim Cassidy and Ben Fitzhugh

Participants:
Loren Davis—Discussant
Kelly Graf—Discussant
John Hoffecker—Discussant
Ashley Lemke—Discussant
Dennis O’Rourke—Discussant
Irina Ponkratova—Discussant

[113]  Poster Session: Digital Archaeology Across North America
Room: Poster Hall
Time: 1:00 p.m.—3:00 p.m.

Participants:
113-a  Christine Thompson, Kevin Nolan and Rebecca Barzilai—Unearthing a Half Century of Archaeological Research in Indiana: Digitizing the Report of Investigations and Archaeological Report Series, and Associated Diagnostic Artifacts
113-b  April Kamp-Whittaker—Digital Archaeology through StoryMaps
113-c  Ryan Lange and Bryan Kendall—Using 3D Point Data to Define Activity Areas at the Dixon Site (13WDB8), Woodbury County, Iowa
113-d  Amanda Lloyd, Kelley Hayes-Gilpin and Leszek Pawlowicz—Virtual Applications in Southwest Public Archaeology: Digital Platforms, Access, and the Effects of a Pandemic
113-e Christopher Nicosia—Preliminary Results of the Spatial Analysis of Nonspecific Stress in Three Regions of Ancient North America
113-f Paul Burnett and Jonathan Libbon—Archaeological Spatial Patterning in Northern Ohio
113-g John White, Ted Goebel and Michael Loso—Around the Basin and Beyond: GIS-based Least Cost Path Analysis Reveals Conveyance Patterns of Obsidian Sourced from the Copper River Watershed
113-h Morgan Ferrell, Caroline Jasiak and John Schultz—Photogrammetric Point-Cloud Replicability When Documenting Forensic Archaeological Scenes under Variable Lighting Conditions
113-i Galen McCloskey—New Research into Previously Unrecorded Sites in Northwestern Arizona
113-j Olivia Thomsen—Immersive Imaging: A Digital Examination of Mealing Spaces in Chacoan Communities
113-k Rachel Fernandez and Charlene Collazzi—The Digital Archive of Huhugam Archaeology (DAHA)

[114] Poster Session: Conservation and Work with Museum Collections
Room: Poster Hall
Time: 1:00 p.m.–3:00 p.m.

Participants:
114-a Aspen Kemmerlin—Exploring the Possibilities of Active Learning through Collections-based Archaeology Courses
114-b Teresa Rucker—Iowa’s Groundbreaking Archival Program: Building Digital Capacity for Midcontinent Archaeological Research
114-c Raymond Mauldin, Leonard Kemp, Cynthia Munoz, Clinton McKenzie and Sarah Wigley—Black Vulture Shelter, a Terminal Late Prehistoric Occupation at the Edge of the Southern Plains
114-d Elizabeth Bridges White and Mary Hynes—Moorehead’s Cahokia Legacy: Curation and Archival Contributions
114-e Elizabeth Minette, Zoe Milburn and Zack Gilmore—Learning through Legacy Collections: A Case Study from Central Florida
114-f McKenzie Alford—Virtual Preservation of Archival Media from the Historic Freedman Sites of the Richland Creek Archaeological Project (Freestone and Navarro Counties, Texas)
114-g Alisa Luthra and Lazaro Vinola Lopez—Population Variation among Extinct Species of Rodents Informs about Exploitation of Resources on the Island of Hispaniola
114-h Briece Edwards, Michael Lewis, Chris Bailey, Cheryl Pouley and Dustin Hawks—Conceptualizing Western Oregon Stone Bowls as Funerary Objects: A Pilot Study
114-i Michael Nielsen, Christian Koch Madsen, Aka Bendtsen, Birte Olsen and Thomas McGovern—Thule Culture in South Greenland 1500–1900
Laura Zacharias and Kholi Newlander—Amateur Collections Need Love Too: How the Kramer Assemblage Adds to Our Understanding of Precontact Eastern Pennsylvania

Katherine Patton, Arthur Anderson and M. Gabriel Hrynick—Integrating Existing Collections with Small-Scale Testing: Preliminary Results from Sipp Bay, Downeast Maine

Aaron Comstock, Christina Emery, Logan York and Marcus Schulenburg—Developing a Multivocal, Sustainable Land Stewardship Plan for Archaeological Sites: A Case Study from the Archaeological Research Institute, Lawrenceburg, IN

**POSTER SESSION Recent Advances in Geoarchaeology**

**Room:** Poster Hall

**Time:** 1:00 p.m.–3:00 p.m.

**Participants:**

115-a Jasmine Kidwell and William Hockaday—Molecular Analysis of Late Pleistocene-Holocene Transition Sediments from Blackwater Locality No. 1, New Mexico

115-b William Feltz and Ari Caramanica—ENSO Events and Agricultural Terraforming in the Pampa de Mocan

115-c Amy Socha—Structure Collapse and Abandonment: Patterns in the Archaeological Record

115-d Benjamin Deans, Lisa Ely, Steven Hackenberger and Breanyn McInnes—Geoarchaeological Analysis of Cultural Occupation Sites along the Hanford Reach of the Columbia River, Washington State

**POSTER SESSION Paleoindian in the Americas**

**Room:** Poster Hall

**Time:** 1:00 p.m.–3:00 p.m.

**Participants:**

116-a D. Clark Wernecke, Alan Slade and Jennifer Gandy—Clovis in Kentucky: The Little River Clovis Complex

116-b Alan Slade—Clovis Points in Texas: A Further Update to the TCFPS

116-c Emma Graumlich and Jessi Halligan—Paleoenvironmental Analysis through Gastropods at the Page-Ladson (8JE591) Inundated Terrestrial Site, Northwest Florida, USA

116-d Angelina Perrotti, John Williams and James Russell—Environmental Change after Late Pleistocene Megaherbivore Extinction at Lake Tulane, Florida

116-e Briana Doering, Molly Herron and Madeline Mackie—Colby Revisited: Reevaluating the Chronology and Context of a Clovis Mammoth Kill Site

116-f Michael Waters and Zachary Newell—Reconstruction of the 13,800-Year-Old Bone Projectile Point at the Manis Site, Washington
116-g Sergio Ayala—Technological Variability in Clovis: An Experimentalist’s Perspective

116-h Charles Koenig, Madeline Mackie, David Kilby, Tressa Munger and Charles Frederick—Evaluating the Integrity and Origins of a Clovis Age Assemblage from Eagle Cave, Texas

116-i Gustavo Politis—The First 2,000 Years in the Pampas Region of Argentina

[117] **Poster Symposium** Conversations on Hunter-Gatherer Behavior and Lifeways

Room: Poster Hall

Time: 1:00 p.m.–3:00 p.m.

Chair: Amy Clark

Participants:

117-a Sarah Ranlett—Experiential Approaches to the Cultural Perception of Unusual Raw Materials in the French Upper Paleolithic

117-b Amy Clark—Mobile Cores? The Unique Spatial Patterning of Cores within a Sample of Open-Air Paleolithic Sites

117-c Danielle Macdonald and Laher Lisa—Epipaleolithic “ Cultures”: Using Variability to Explore Hunter-Gatherer Communities in the Past

117-d Theresa Barket and Andrew Garrison—Can We Tell What Broke This Point? Functionality and Humboldt-Type Points in Late Prehistoric California

117-e James Strawn, Shane Miller and Derek Anderson—An Update on Recent Fieldwork at Hester (22MO569), a Late Pleistocene / Early Holocene Site near Amory, Mississippi

117-f Ashley Smallwood, Thomas Jennings, Jacob Ray, Charlotte Pevny and Shaylee Scott—Early Holocene Hunter-Gatherers in the Lower Ohio River Valley

117-g Robert Barlow, D. Shane Miller, Ryan Parish and Alexander Craib—Behavioral Adaptations to the Younger Dryas in Northern Alabama

117-h Chase Mahan, Sarah Allaun and Todd Surovell—Redating the Sheaman Clovis Site, Wyoming

117-i Joseph Gingerich, Timothy Cleland, Gwenaelle Kavich and William Childress—Is That Really Late Pleistocene Blood? A Case Study from the Clovis Assemblages at Smith Mountain, VA

[118] **Symposium** Across the International Four Corners of the United States and Mexico: Papers in Honor of Michael E. Whalen and Paul E. Minnis

Room: Williford Room A

Time: 1:00 p.m.–3:00 p.m.

Chairs: Michael Searcy and Todd Pitezel
Program of the 87th Annual Meeting

Participants:
1:00  Michael Searcy—Sr. Ciencia and El Mago: A Legacy of Archaeological Discovery and Lifelong Learning
1:15  Suzanne Fish—Celebrating the Multifaceted and Collaborative Career of Paul Minnis
1:30  Timothy Graves and Myles Miller III—Adding Form to the Formative: Michael Whalen’s Contributions to Jornada Mogollon Research Viewed from the 1970s through the 2020s
1:45  Marco Martinez—Rethinking Indigenous Cultural Development in the Casas Grandes Valley Post-European Occupation
2:00  Margaret Nelson and Patricia Gilman—Plants, People, and “Dr. Science”
2:15  Fabiola Silva—A Pair of “Cool-ito” Scholars: An Appreciation of Michael E. Whalen and Paul E. Minnis
2:30  Arthur MacWilliams—Reconocimiento Regional de Paquimé and the Growth of Casas Grandes Archaeology
2:45  Todd Pitezel—In Honor of Drs. Michael E. Whalen and Paul E. Minnis: The Science Cruisers

[119]  Symposium Archaeology of the Woodland Tradition
Room: Lake Ontario
Time: 1:00 p.m.—3:15 p.m.
Chair: Michael Strezewski

Participants:
1:00  Jessica Jenkins—A Tale of Two Tempers: Considering the Relationship of Pottery Temper and Identity during the Woodland Period on the Northern Gulf Coast of Florida
1:15  Catherine Doubles—Habitation and Interaction in the Lower Illinois River Valley: A Case Study on Household Structure and Ceramics at the German Site (11C377)
1:30  William Lovis, Linda Cummings and John Hart—Did You Ever Want to Get Multiple AMS Ages on One Ceramic Vessel? Well, We Did Just That!
1:45  Steven Keehner—Temporal Ceramic Developments and Social Dynamics during the Woodland Period in the Eastern Central Plains
2:00  Caitlin Rankin, Michael Brent Lansdell and John Klein—Alluvial Fan Geochronology of the Dupo Interchange Project, Illinois
2:15  Michael Strezewski—The Mann Site 2022: New Insights into a Unique Hopewell Phenomenon in Southwestern Indiana
2:30  Richard Yerkes—Assessing the Evidence for Ohio Hopewell Sedentism and Food Production
2:45  G. Logan Miller, Kenneth Farnsworth and Brad Koldehoff—Use-Wear Evidence for Bead Production at the Middle Woodland Period Crane Site, Greene County, Illinois
3:00  Rebecca Albert and Susan Kooiman—Analyzing Modern Soils to Assess Contamination Risk in Microbotanical Analysis
SYMPOSIUM FIRST PEOPLES: A GLOBAL, COMPARATIVE EXAMINATION OF HUMAN COLONIZATION EVENTS
Room: Lake Huron
Time: 1:00 p.m.—3:45 p.m.
Chairs: Sarah Allaun and Todd Surovell

Participants:
1:00  Sue O’Connor, Shimona Kealy, Ceri Shipton and Julien Louys—Human Colonization of the Wallacean Islands: When, Where, and How?
1:15  Julien Riel-Salvatore—Issues in the Study of the Origins and Diffusion of the Upper Paleolithic in Europe
1:30  Amy Tabrett and Peter Hiscock—Settling Sahul
1:45  Heather Smith and Kelly Graf—Colonizing Siberia and Beringia: Uncharted Territory for Humans Dispersing into the Far North
2:00  Masami Izuho, Kazuki Morisaki, Katsuhiro Sano, Dai Kunikita and Fumie Iizuka—Micro-regional Diversity in Subsistence Strategy during the Early Upper Paleolithic in the Southern Paleo-Honshu Islands
2:15  Todd Surovell—The Myth of the Cryptic Colonizing Population, a Case Study from North America
2:30  José Capriles, Sergio Calla Maldonado and Calogero Santoro—Human Adaptive Radiation and the Peopling of South America
2:45  Peter Siegel, Philip Riris and S. Yoshi Maezumi—Population and Colonization Dynamics in the Precolumbian Caribbean
3:00  Orri Vesteinsson—Geographical Knowledge, Exploration, and Colonization
3:15  Sean Hixon, Kristina Douglass, Laurie Godfrey, Laurie Eccles and Douglas Kennett—Ecological Consequences of a Millennium of Dogs on Madagascar
3:30  Sarah Allaun and Todd Surovell—Modeling the Colonization of Oceania and Beyond

SYMPOSIUM INCLUSION, EXPANSION, AND HUMILITY IN NORTH AMERICAN ARCHAEOLOGY: PAPERS IN HONOR OF KENT G. LIGHTFOOT, PART 2
Room: Lake Erie
Time: 1:00 p.m.—3:45 p.m.
Chairs: Stephen Silliman, Sara Gonzalez and Peter Nelson

Participants:
1:00  Rob Cuthrell—Archaeology, Historical Ecology, and Contemporary Land Stewardship
1:15  Sara Gonzalez—Telling Survivance: Connecting the Past with Present in Archaeologies of Colonialism
1:30  Peter Mills—Archaeology of Multiethnicity in Hawaiian Ranching Sites
1:45  Peter Nelson—Collaboration on the Central California Coast: A Perspective on the Impact of the Lightfoot School of Inclusive Research and Archaeological Pedagogy from 2010 to 2020
2:00  Tsim Schneider—Rethinking “Long Term”: Archaeology in an Era of Self-Dealing and Sacrilegious Destruction
2:15  Michael Grone and Alec Apodaca—Collections and Curios: The Lightfoot Lab Legacy through Things Left Behind
2:30  Antoinette Martinez and Frank Bayham—A Testament to Kent Lightfoot’s Academic Legacy
2:45  Stephen Silliman—Lightfoot Living: Practicing Humility, Care, and Collaboration in Archaeology
3:00  Barbara Voss—Transformative Relationships, Enduring Partnerships: Archaeological Practice as Community Building
3:15  David Thomas—Discussant
3:30  Margaret Conkey—Discussant

SYMPOSIUM: PASTORALISTS AS AGENTS OF SOCIAL CHANGE
Room: PDR #3
Time: 1:00 p.m.–3:45 p.m.
Chairs: Shayla Monroe and Sarah McClure

Participants:
1:00  Alicia Ventresca Miller—The Spread of Herds and Horses into the Altai: How Livestock and Dairying Drove Social Complexity
1:15  Hannah Lau, Sarah Kansa and Rana Özbal—Tracing Collective Action through Pastoral Resources: Evidence from Tell Kurdu and Domuztepe, Sixth Millennium Southern Anatolia
1:30  Sarah McClure, Nicholas Triozzi, Hugh Radde, Shayla Monroe and Emil Podrug—Livestock Management and Community Cohesion in Neolithic Dalmatia
1:45  Brandi Bethke, William Taylor, Emily Lena Jones, Sarah Trabert and Jaron Davidson—New Perspectives on Indigenous Horse Pastoralism in the North American West
2:00  Wade Campbell—The Development and Influence of Navajo Pastoralism in the (Peri)Colonial US Southwest
2:15  María Salame, José Capriles and Sergio Calla Maldonado—Settlement Patterns and Social Change among the Pacajes Pastoralists of the Andean Altiplano
2:30  Dylan Davis, Hank Theiss, Jackson Cothren, Carla Klehm and Kristina Douglass—Elucidating the Pastoralist Niche on SW Madagascar Using Automated Remote Sensing
2:45  Katherine Grillo—Long-Term Legacies of the Pastoral Neolithic in Eastern Africa
3:00  Shayla Monroe—Cattle Connections: Livestock and Social Networks in Ancient Nubia
3:15  Michael Frachetti—Discussant
3:30  Sarah McClure—Discussant
[123] SYMPOSIUM: REIMAGINING/RETHINKING SPACE, PLACE, AND LANDSCAPE IN OAXACA, MEXICO
Room: PDR #2
Time: 1:00 p.m.–4:00 p.m.
Chairs: Pedro Ramon Celis and Marijke Stoll

Participants:
1:00 Marijke Stoll—How Does One Reach the "City on the Hill"? Investigating Human Mobility in the High Elevation Environments of Oaxaca, Mexico
1:15 Emmanuel Posselt Santoyo—Paisaje en movimiento: Peregrinaciones contemporáneas y pre-coloniales
1:30 Soren Frykholm and Karla Aguilar—Narrativas del paisaje en Oaxaca
1:45 Liana Jiménez Osorio—Lugares y paisajes sagrados en los códices Mixtecos precoloniales
2:00 Lacey Carpenter—Destruction, Reconstruction, and Revisiting: A Chronology of Place-Making in the Civic-Ceremonial Core of El Mogote, Oaxaca, Mexico
2:15 Pedro Ramon Celis—Reimagining the Homeland: Urban Standardization and Migration in Postclassic Guiengola, Oaxaca
2:30 Itzel Chagoya Ayala—Vida cotidiana en el Posclásico tardío en Guiengola, Oaxaca: Valor del análisis in situ en el recorrido de superficie
2:45 Alex Badillo—Ritual Bloodletting, Fertility, and Life: Ballcourt Representations in Quiechapa, Oaxaca, Mexico
3:00 Danny Zborover—Colonial Seascapes: European Maritime Atlases as Sources for the Historical Archaeology of Southern Mexico
3:15 Stacie King—Discussant
3:30 Nelly Robles García—Discussant
3:45 Questions and Answers

Room: Astoria Room
Time: 1:00 p.m.–4:15 p.m.
Chairs: Sonia Alconini and Carla Jaimes Betancourt

Participants:
1:00 Eric Dyrdahl and Carlos Montalvo—Late Formative (800–400 cal BC) Social Networks in Northern Ecuador: The Evidence from Las Orquidesas, Imbabura
1:15 Catherine Lara—Technological Boundaries as Evidence of Close Interactions? The Case of the Cuyes River Valley (Southeastern Ecuadorian Highlands)
1:30 Ryan Clasby and Atsushi Yamamoto—Migration, Empire, and Cultural Disruption in the Ceja de Selva of Northern Peru
1:45 Darryl Wilkinson—A Contested Quarter: The Historiography of Antisuyu
2:00 Carla Jaimes Betancourt and Geraldine Fernandez—The Llanos de Moxos: Cultural Dynamics East of the Andes
2:15 Sergio Calla Maldonado, José Capriles, Marcos Michel López, Hortensia Nina Vargas and Katherine Bullain Miranda—An Entrance to the Lowlands or to the Highlands? Recent Archaeological Research from Rurrenabaque, Bolivia
2:30 Questions and Answers
2:45 Sonia Alconini—Chunchos, Kallawayas and Puquina-Arawak: Transformations and Continuities in the Tawantinsuyu
3:00 Lynn Kim—A Terraced Landscape: Coca Relationships in the Camata-Carijana Valley
3:15 Kodiak Aracena—Convergencia natural y cultural: Samapata desde una perspectiva de lo local
3:30 Matthew Warren—From Open Gateway to Closed Corridor: Examining the Inka Creation of a Fortified Frontier in the Valles Cruceños of Bolivia
3:45 Juan Chavez—Communities and Networks in the Precolumbian Eastern Tropical Mountains: Exploring Migration from a Bioarchaeological Perspective
4:00 Eduardo Neves—Discussant

[125] SYMPOSIUM FROM THE EARTH TO THE PLATE: ENVIRONMENT, RESOURCE PROCUREMENT, AND FOODWAYS IN THE Isthmo-Colombian Area and the Caribbean Islands
Room: Marquette Room
Time: 1:00 p.m. – 4:15 p.m.
Chairs: María López Rojas, Susan Monge and Yajaira Nuñez-Cortés

Participants:
1:00 Diana Carvajal Contreras—Puerto Hormiga, la Islita del Pozón (Colombia) y el Rasgo Ch, Cerro Juan Díaz (Panamá): Una comparación de concheros del Caribe Colombiano y el Pacífico Panameño
1:15 Natalia Donner, Andy Ciofalo and Lucy Gill—A Deep History of Indigenous Landscape Stewardship and Cuisine in Darién Province, Panama (1300 BCE–present)
1:30 María Martínez-Polanco—What Do the Deer Tell Us about the Ancient Inhabitants of Parita Bay in Panama?
1:45 Scott Palumbo—Soil Fertility and Resource Catchments during the Aguas Buenas
2:00 María López Rojas, Guaria Cárdenes Sandi and Silvia Salgado González—Explotación de recursos botánicos en el sitio arqueológico Nuevo Corinto, Costa Rica
2:15 Yajaira Nuñez-Cortés, Luis Barba-Pingarrón and Jorge Ezra Cruz—Approaching Culinary Practices at Lomas Entierros, Costa Rica: A Perspective from Chemical Residue and Starch Grain Analyses
2:30 Venicia Slotten—Food and Resources in Ancient Arenal, Costa Rica: Resilience at G-995 La Chiripa
2:45 Susan Monge—Between Culinary and Consecrated: The Use and Management of Turkeys (Meleagris sp.) in Southern Greater Nicoya
3:00 Lucy Gill, Irene Torreggiani and Alexander Geurds—Cuisine and Ceremony: Coupling Ecological and Archaeological Perspectives in the Mayales River Valley (Chontales, Nicaragua)
3:15 Parker Megan and Geoffrey McCafferty—Paleoethnobotanical Insights into Postclassic Foodways in the Greater Nicoya Region of Nicaragua
3:30 Isabel Rivera-Collazo and Mariela Declet-Pérez—What Happened to the Reefs? Subsistence Changes and Environmental Dynamics in Puerto Rico
3:45 Idali Reyes, Yadira Chinique de Armas, Roberto Rodriguez Suarez, Jason Laffoon and Ulises Gonzalez Herrera—Dietary Practices and Plant Resource Management of the Precolonial Low-Level Food Production Population of Playa del Mango (Granma, Cuba)
4:00 Shanti Morell-Hart—Discussant

[126] SYMPOSIUM: FINDING FIELDS: THE ARCHAEOLOGY OF AGRICULTURAL LANDSCAPES
(Sponsored by AD division [AAA])
Room: Joliet
Time: 1:00 p.m.–4:30 p.m.
Chair: Madeleine McLeester

Participants:
1:00 Jesse Casana and Madeleine McLeester—The State of the Field: Emerging Approaches to the Archaeology of Agricultural Landscapes
1:15 Mark McCoy, Jesse Casana, Austin Chad Hill and Adam Johnson—Fields, Farmers, and Food Surplus: The Results of New Surveys by Unpiloted Aerial Vehicles in the North Kohala District, Hawai’i Island
1:30 Madeleine McLeester, Jesse Casana, Alison Anastasio and Pete Geraci—Perennial Places: Archaeological Approaches to Past Indigenous Agricultural Landscapes of Wisconsin
1:45 Alex Schoeman—Stone by Stone: Women’s Quotidian Farm Labor and the Construction of the Khutwaneng Farmscape in Bokoni, South Africa
2:00 BrieAnna Langlie, John Wilson, Carlos Osores Mendives and Jacob Frank—Locating Agricultural Terraces in the Southern Peruvian Andes
2:15 John Marston—Mapping Land Use with Integrated Environmental Archaeological Datasets
2:30 Elise Jakoby Laugier—Agricultural Landscapes of the Mesopotamian-Zagros Foothills
2:45 Mark Schurr and Madeleine McLeester—Isotopic Evidence for Protohistoric Field Locations in Northeastern Illinois
3:00 Jamie Countryman, Greg Zaro and Ante Blace—Feral Fields of the Eastern Adriatic
3:15  Kyle Woodson—Finding and Understanding Ancient Hohokam Irrigated Agricultural Fields in Southern Arizona

3:30  Andrew Bauer—Cultivating Problems and Constituting Publics: Fertile Fields and the Social History of the Medieval Deccan, Southern India

3:45  Raymond Hunter—Colonial Agrarianism: The Afterlives of Inka Fields in Colonial Ollantaytambo

4:00  Anabel Ford—Intensification Does Not Require Modification: Tropical Swidden and the Maya

4:15  Naomi Miller—Discussant

[127]  SYMPOSIUM: ARCHAEOLOGY-CLIMATE NARRATIVES: SCIENCE-TELLING FOR INCREASED ENGAGEMENT
(Sponsored by Climate Change Strategies for Archaeological Resources)

Room: Williford Room B
Time: 1:00 p.m.–4:45 p.m.
Chairs: Heather Wholey and Carole Nash

Participants:
1:00  Christopher McDaid—The Problem Has Been Identified: What’s Next?
1:15  Carole Nash—We Can Be HeROs: Community-Based Mapping of Impacted Sites on Virginia’s Eastern Shore
1:30  Sarah Miller, Emily Jane Murray, Emma Dietrich and Kassie Kemp—Novel Engagement Strategies to Cover a Spectrum of End Users: Five Years of Sharing Heritage Monitoring Scout (HMS Florida) Results with the Public
1:45  Heather Wholey, Joanna Maurer, Daria Nikitina and Megan Heckert—Connecting the Dots: An Interactive Approach to Building Climate Heritage Narratives along the Delaware Bay’s Scenic Byways
2:00  Rachael Kangas, Sara Ayers-Rigsby and Michael Savarese—Using Climate Stories and Computer Modeling Tools to Assess the Vulnerability of Cultural Resources in Southwest Florida
2:15  David Watt, Mark Rees, Tad Britt, Kory Konsoer and Jill Trepanier—Interdisciplinary Research, Actionable Science, and Community Engagement: The Mississippi River Delta Archaeological Mitigation Project
2:30  Michael Newland and Alex DeGeorgey—The Voice of Water: Talking Archaeology and Climate Change in the Golden State
2:45  Jennifer Rankin—Protecting Minnesota’s Archaeological Heritage through Community
3:00  Anastasia Steffen, Jamie Civitello, Kelsey Reese and Nicholas Jarman—After the Flames: Wildfire in the Jemez Mountains
3:15  Craig Lee—Melting Ice at the Crossroads of Culture and Climate Change
3:30  Christopher Kerns—Digging in against the Rising Sea: Nearly Two Centuries of Archaeological Intervention at Orcadian Neolithic Sites
3:45  Tom Dawson—Spreading the Word: Public Archaeology and Climate Change in Scotland
4:00 Marcy Rockman—How to Write a New Narrative for Policy, Climate, and Archaeology
4:15 Anne Jensen—Discussant
4:30 Alice Kelley—Discussant

[128] SYMPOSIUM: **EARTH, WIND, WATER, AND FIRE IN MESOAMERICA:**
**CELEBRATING THE WORK OF KARL A. TAUBE**
**Room:** Lake Michigan
**Time:** 1:00 p.m.–4:45 p.m.
**Chairs:** Zachary Hruby and Claudia Garcia-Des Lauriers

**Participants:**
1:00 Zachary Hruby—Stones of the Earth, Stones of the Sky: Doing Lithic Analysis through a Taubean Lens
1:15 Leonardo López Luján, Alejandra Aguirre Molina and Antonio Marín Calvo—Images of Huitzilopochtli at the Templo Mayor of Tenochtitlan: New Discoveries, New Ideas
1:30 Michael Mathiowetz—“The Lord of the Waters”: Tlaloc and Rainmaking in the Aztatlán Region of West Mexico and the Relation to Puebloan Katsina Ritualism in the Southwestern United States
1:45 Andrew Turner—Pulque and Supernatural Felines in Ancient Mesoamerican Art and Symbolism
2:00 Claudia Garcia-Des Lauriers—Text, Place, and Landscape: Los Horcones in Teotihuacan’s History of Interactions
2:15 Jeremy Coltman and Travis Stanton—Glimpses of the Sun: The Iconographic Program of Structure 6F-68 at Terminal Classic Yaxuna
2:30 Jeffrey Glover and Dominique Rissolo—Tales of an Iconographer in an Iconography-Poor Zone: Karl Taube and His Legacy in the Yalahau Region
2:45 Stephen Houston—Days of Our Lives: Identities, Rites, and Calendrical Determinants among the Maya
3:00 Thomas Garrison and Edwin Román—Legitimizing a Wandering Axis: Articulating Symbols of Authority and Centrality in a Mobile Maya Court
3:15 Jared Katz—Images of Sound: Music in Ancient Maya artwork
3:30 Mary Miller—Maya Jades in the US Museum
3:45 David Stuart—Winkiil: The Nature of Personhood in Ancient Maya Religion
4:00 Oswaldo Chinchilla—Parody and Satire in Maya Art
4:15 Heather Hurst—Critters, Crud, and Corn God Fans: Karl Taube and the Study of Maya Mural Iconography
4:30 Simon Martin—Maize Odyssey: Life, Death, and Transformation in Classic Maya Mythology
SYMPOSIUM: LEVERAGING RADIOCARBON IN THE CENTRAL ANDES: FROM CHRONOLOGIES TO RESEARCH AGENDAS
Room: Boulevard A
Time: 1:00 p.m.–4:45 p.m.
Chairs: Daniel Contreras, Erik Marsh and Kurt Rademaker

Participants:
1:00 Kurt Rademaker, Gordon Bromley and Daniel Sandweiss—Updated Peru Archaeological Radiocarbon Database, 13,000–7000 14C BP
1:15 Raven Garvey, Lauren Pratt and Kaitlyn Poe—Cumulative Culture versus Radiocarbon Gaps in Peru: A Case for Un-muddling the Middle
1:30 Rebecca Bria, Kimberly Munro and Matthew Piscitelli—Temples in Process, Not Periods: Reevaluating Narratives of Early Community Practice and Interaction across North-Central Peru
1:45 Eisei Tsurumi, Jason Nesbitt and Yuichi Matsumoto—Reappraising the Chronology of the Initial Period (ca. 1700–800 BC) in the Central Andes
2:00 Daniel Contreras—Clearing the View of the Early Horizon
2:15 Michele Koons, Lisa Trever, Hugo Ikehara and Alicia Boswell—Moche Chronology: An Evaluation of Radiocarbon Dates from North to South
2:30 Luis Alberto Flores De La Oliva and Gabriel Prieto—New 14C Dates Associated with the Early Intermediate Period and the Late Intermediate Period from Huanchaco, Moche Valley North Coast of Peru
2:45 Kevin Vaughn and Christina Conlee—Reconsidering Absolute Chronologies from the South Coast of Peru
3:00 Patrick Ryan Williams, David Reid and M. Elizabeth Grávalos—Wari Influence across the Andes: Reviewing the Radiocarbon Evidence
3:15 Erik Marsh, Sharratt Nicola and Korpisaari Antti—When Did Tiwanaku Rise and Fall? Leveraging Bayesian Models to Refine Heartland and Coastal Chronologies
3:30 Elizabeth Arkush, Weston McCool and Ryan Smith—Lighting the Andean “Dark Age”: Key Issues of Chronology in the Late Intermediate Period in the South-Central Highlands
3:45 Dennis Ogburn—Improving the Chronology of Inka Imperial Expansion
4:00 Gabriel Ramon—Discussant
4:15 Andrew Roddick—Discussant
4:30 Questions and Answers

SYMPOSIUM: THE LIVED EXPERIENCE OF ECONOMIC INEQUALITY: TRACKING THE MATERIAL CORRELATES ACROSS CONTEXTS
(Sponsored by Society for Economic Anthropology)
Room: Boulevard C
Time: 1:30 p.m.–4:30 p.m.
Chairs: Justin Bracken, Cameron Turley and Katherine Miller Wolf
Participants:

1:30 Justin Bracken—Building Walls: Fortification and the Establishment of Unequal Space in the Maya Late Preclassic (400 BC–AD 150)
1:45 Christopher Hernandez—Uneven Landscapes: Terrain, Architecture, and Inequality at Tzunun, Chiapas, Mexico
2:00 Marc Wolf—Architectural Embodiments of Identity and Order
2:15 Timothy Pugh—Inequality in Cities: Hyper-Primacy at Nixtun-Ch’ich’, Petén, Guatemala
2:30 Jean-Baptiste Le Moine, Carolyn Freiwald and Christina Halperin—The Dynamics of Uneven Inequalities: Classic to Postclassic Transitions at the Site of Ucanal, Petén, Guatemala
2:45 Megan Leight—Aspirational Elitism? Examining Inequality in the Material Record at the Port at Salinas de los Nueve Cerros, Guatemala
3:00 Yuko Shiratori—Economic Inequality at Colonial Frontier: The Sixteenth- to Eighteenth-Century Maya in the Petén Lakes Region, Guatemala
3:15 Questions and Answers
3:30 Kirstine Møller—Colonial Discourse and Conflict in Nineteenth-Century Kalaallit Nunaat
3:45 Cameron Turley and Wendi Coleman—“The Store Is the Seal Now”: Labor and Trade in Nineteenth- to Twentieth-Century Alluitsoq Fjord, South Greenland
4:00 Alanna Warner-Smith—The Embodiment of Precarity in the Huntington Irish, Nineteenth-Century New York City
4:15 Katherine Miller Wolf—The Embodiment of Inequality of Subjugated Peoples in Seventeenth- to Twentieth-Century Latin America

Symposium on West Coast Shell Middens: Place-Based Ontologies and Socially Constructed Landscapes

Room: Conference Room 4M
Time: 2:45 p.m.–5:00 p.m.
Chairs: Elliot Helmer and Mark Tveskov

Participants:

2:45 Erin Smith and Colin Grier—Shell-bearing Deposits as Landscapes, Relations, and Histories: A Salish Sea Archaeological Perspective
3:00 James Brown—Creating Neighborhoods: Cultural, Spatial, and Temporal Evaluation of Large Shell-Bering Sites in the San Juan Islands of Washington State
3:30 Mark Tveskov, Courtney Krossman, David Maki and Stacy Scott—The Haynes Inlet Shell Midden and Fish Weirs: Engaging a Hanis Coos Cultural Landscape in Southern Oregon through Archaeology
3:45 Elliot Helmer and Kassandra Rippee—Procurement as Placemaking and Kinship: Tracing Human-Shellfish Relationships at the Vesta Shell Midden, Bandon, OR
4:00 Tom Connolly and Robert Kentta—Awakening a Legacy: Shell Middens on the Oregon Coast
4:15 Alec Apodaca, Gabriel Sanchez and Michael Grone—Beyond Refuse: Eco-archaeology, Cultural Landscapes, and Indigenous Approaches to Shell Midden Archaeology in Central California
4:30 Amira Ainis, Antonio Porcayo-Michelini, Rene Vellanoweth, Raquel Hernández Estrada and Richard Guttenberg—Shell Mounds on a Desert Shore: Constructed Cultural Landscapes of the Upper Gulf of California
4:45 Lynn Gamble—Discussant

[132] **Symposium: Ancient Glass in the Old World**
Room: Conference Room 4D
Time: 2:45 p.m.–5:00 p.m.
Chair: Laure Dussubieux

**Participants:**
2:45 Laure Dussubieux—Production and Circulation of the Glass Beads from Kish, Iraq
3:00 Aaron Shugar and Laure Dussubieux—Reassessing Byzantine Glass Tesserae from Beit Shean, Israel
3:15 Carol Meyer—Glass from Serra East, Sudan
3:30 Mariah Wade and Laure Dussubieux—Ancient Glass at the Western Edge of the World: Samples from Portugal
3:45 Allison Sterrett-Krause—Formation Processes and Family Preferences: Glass from a Non-elite Neighborhood in Pompeii
4:00 Alessandro Sebastiani—Exploring Glass Recycling in Etruria: Notes from the Ager Rusellanus (Grosseto, Italy)
4:15 Camilla Bertini—A New Perspective: Early Medieval Glass from Comacchio (Northern Italy) and the “WINDOWGLASSMED” project (H2020-MSCA-IF-2019)
4:30 Colleen Zori, Peter Tropper, James Fulton and Davide Zori—Glass from the Medieval Fortified Castle of San Giuliano (Lazio Province, Central Italy)
4:45 Questions and Answers

[133] **Forum: Land and Water Revisited**
Room: Continental B
Time: 3:00 p.m.–5:00 p.m.
Moderator: Kirk French
Participants:
Deborah Nichols—Discussant
Charles Kolb—Discussant
Christopher Morehart—Discussant
Richard Diehl—Discussant

Room: Continental A
Time: 3:00 p.m.–5:00 p.m.
Moderators: Kimball Banks and Karen Brunso
Participants:
Sarah Herr—Discussant
Jeffrey Bendremer—Discussant
John Martin—Discussant
Cindy Carter-Davis—Discussant
Linda Scott Cummings—Discussant
Josh Torres—Discussant

Room: Waldorf Room
Time: 3:00 p.m.–5:00 p.m.
Moderators: Ben Fitzhugh and Irina Ponkratova
Participants:
Marjolein Admiraal—Discussant
Jim Cassidy—Discussant
William Fitzhugh—Discussant
Scott Fitzpatrick—Discussant
Gelman Evgenia—Discussant
Vyacheslav Grishchenko—Discussant
Sergey Gusev—Discussant
Junho Habu—Discussant
Peter Jordan—Discussant
Jongsuk Kim—Discussant
Popov Aleksandr—Discussant
Yuri Vostretsov—Discussant

[136] Symposium: Archaeological Education
Room: Boulevard B
Time: 3:00 p.m.–5:00 p.m.
Chair: Crystal Dozier
Participants:
3:00  Carol Colaninno, Emily Beahm, Carl Drexler, Shawn Lambert and Cassidy Rayburn—Opening the Gate: Practices to Promote Student Safety and Inclusivity at Archaeological Field Schools
3:15  Emily Dean—Losing My Religion? Cognitive Dissonance in Undergraduate Anthropology Students
3:30  Andrew Wyatt and Clélie Cottle Peacock—A Practice-based Approach to Teaching Archaeology at the Undergraduate Level: Methods and Techniques Using Real-World Experiences at a Historic African American Community in Nashville, Tennessee
3:45  Mikaela Razo, Marissa Muñoz and Alexa Proffitt—Archaeology Education: Building a Curriculum with Archaeological Content and Education Methodologies
4:00  Tamira Brennan—Curation as Fieldwork: Combating the Crisis through Curriculum
4:15  Barbara Klessig—Integrating Archaeological Textiles into Mainstream Archaeology/Anthropology Curriculum
4:30  Heather Rockwell and Madeline Mackie—An Employment Crisis among Anthropology PhDs: Considering Program Size in Rates of Faculty Job Placement
4:45  Crystal Dozier—Qualitative Study of SAA Members Involved in Higher Education: Preliminary Results

[137]  Lightning Round: From the Plains to P-Values: Papers in Honor of Kenneth L. Kvamme
Room: Continental C
Time: 3:00 p.m.—5:00 p.m.
Moderators: Jason Herrmann, Eileen Ernenwein and Jeremy Menzer

Participants:
Christine Markussen—Discussant
Adam Wiewel—Discussant
Margaret Wilkes—Discussant
Ben Banks—Discussant
Jarrod Burks—Discussant
Rory Becker—Discussant
Emily Dossett—Discussant
Vincent Gaffney—Discussant
Jami Lockhart—Discussant
Mark Mitchell—Discussant
Ryan Peterson—Discussant
Seth Price—Discussant
Duane Simpson—Discussant
[138] **Symposium: New Research on the Archaeology of Gender and Childhood**  
*Room:* Williford Room A  
*Time:* 3:45 p.m.–5:00 p.m.  
*Chair:* Sarah Wells  

**Participants:**  
3:45 Sarah Wells—Invisible Mothers: The Often-Overlooked Mother-Infant Nexus in Bioarchaeology  
4:00 Mathilde El Hadjen and Estelle Praet—Naked and Empowered: Nudity and Breast Representation in Aztec Codices  
4:15 Alena Wigodner—Presence or Participation? Gendering Small Finds in Religious Contexts  
4:30 Break  
4:45 Mackenzie Cory—Play as Survivance, Play as Agency: Toys at the Intersection of Indigenous and Feminist Archaeological Paradigms

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**Saturday Morning April 2, 2022**

[139] **Symposium: East Asian Archaeology**  
*Room:* Lake Erie  
*Time:* 8:00 a.m.–9:00 a.m.  
*Chair:* Christopher Morgan  

**Participants:**  
8:00 Christopher Morgan, Loukas Barton, Bayarsaikhan Jamsranjav and Tuvshinjargal Tumurbaatar—Paleolakes, Archaeology, and Late Quaternary Paleoenvironments in Arid Northwestern Mongolia  
8:15 Ruixue Yin, Fengshi Luan and Luc Doyon—Cultural Changes and Stasis in Bone Technologies circa the 4.2 kyr Event: Insights from the Yingjiacheng Site, Shandong, China  
8:30 Erin Gamble—Pottery Production, Use, and Identity at Hamanaka 2, Rebun Island, Hokkaido, Japan  
8:45 Koji Mizoguchi—An Archaeological Approach to the Origin of “Axiality”: Karl Jaspers’s “Axial Age” Concept Revisited

[140] **Symposium: Indigenous Knowledge Production and Repatriation**  
*Room:* Waldorf Room  
*Time:* 8:00 a.m.–9:30 a.m.  
*Chair:* Fernanda Neubauer
Participants:
8:00  Rebecca Goodwin, Lisa Hodgetts, Albert Elias, Shirley Elias and Mervin Joe—Stories, Knowledge and Memories: The Use of Digital Storytelling to Share Inuvialuit Knowledge
8:15  Kathryn Krasinski, Fran Seager-Boss and Angela Wade—Community Archaeology in the Matanuska Watershed
8:30  Michael Lewis, Briece Edwards, Chris Bailey, Cheryl Pouley and Nicolas Atanacio—Does That Belong in a Museum? Western Oregon Decorated Stone Bowls as Funerary Objects: A Pilot Study
8:45  Fernanda Neubauer—Indigenous Perspectives on Territoriality: Multivocal Research for Land Repatriation in Collaboration with Native American Communities
9:00  Kevin Wright—Considering Collaboration: Reflections for Students Wanting to Engage in Indigenous Archaeologies
9:15  Steven Katz, Addison Kimmel, Marcus Lewis and Elizabeth Wilk—Archaeological Collaboration in Practice

[141]  ELECTRONIC SYMPOSIUM: DECOLONIZING DIET: SUPPORTING INDIGENOUS FOOD SOVEREIGNTY THROUGH ARCHAEOLOGY
Room: Continental A
Time: 8:00 a.m.–10:00 a.m.
Chairs: Anna Antoniou and Elspeth Geiger

Participants:
Anna Antoniou, Earl Davis and Kristine Torset—“Good Bones”: Zooarchaeological Data as Legal Evidence for the Shoalwater Bay Indian Tribe
Samantha Bosco and Brad Thomas—Skarù·ʔ Food Forest Project: Community Engaged Indigenous Agroforestry at the Tuscarora Nation
Chelsea Fisher—How the Archaeology of Traditional Ecological Knowledge (TEK) Can Counter “Unused Land” Narratives and Support Indigenous Maya Food Sovereignty
Elspeth Geiger—From Fire to Fruit: Opportunities for the Integration of Archaeological Data with Anishinaabe Wild Harvests
Katy Leonard-Doll, Sara Gonzalez, Ian Kretzler and Joyce LeCompte—Grand Ronde Foodways: Survivance and Food Sovereignty on the Grande Ronde Reservation
Natasha Lyons, Tanja Hoffmann, Roma Leon, Mike Leon and Michael Blake—How Can Archaeobotany Be Put into Service of Katzie Food Sovereignty?
Marie Richards—Wiisinidaa (Let’s Eat): Anishinaabek Food Sovereignty and Resilience in Michigan’s Straits of Mackinac
Gabriel Sanchez, Michael Grone and Alexii Sigona—Centering Indigenous Foodways, Culture, and Stewardship: Perspectives from the Amah Mutsun Tribal Band
Lisa Young, Hannah Hoover and Sarah Oas—Native American Seed Keepers and the Watermelon
[142] **Forum, Archeologies of and for Environmental Justice**  
**Room:** Continental B  
**Time:** 8:00 a.m.–10:00 a.m.  
**Moderators:** Kacey Grauer and Melissa Rosenzweig  
**Participants:**  
Melissa Rosenzweig—Discussant  
Kacey Grauer—Discussant  
Eli Suzukovich III—Discussant  
Robert Figueroa—Discussant  
Miriam Rothenberg—Discussant  
Emily Schwalbe—Discussant  
Kathryn Catlin—Discussant

[143] **Symposium, Contact Period and Historic Native Americans**  
**Room:** PDR #2  
**Time:** 8:00 a.m.–10:00 a.m.  
**Chair:** Christopher Rodning  
**Participants:**  
8:00 Isabelle Holland-Lulewicz—Zooarchaeological Evidence for Toxic Burrfish Use by the Calusa of Southwestern Florida, USA  
8:15 Carol Schultze—Minerals Ores and Metals in Pre- and Postcontact Americas  
8:30 Donald Blakeslee—Extraordinary Claims: Reassessing Quivira  
8:45 Paige Ford—Betwixt and Between: Using Relational Approaches to Evaluate Borderland Assumptions in the Late Precontact Ozark Plateau  
9:00 Rebecca Webster—Indigenous Community Formation along the Potomac River Valley  
9:15 Tyler Mantia—Ani-Kitu Hwagi (Cherokee) Center Places: A Study of Survivance  
9:30 Jordan Buffington—Categorization of Metals in Historic Cherokee Archaeology  
9:45 Christopher Rodning and Stephen Acabado—Chaos Theory, Complex Adaptive Systems, and the Archaeology of Indigenous Responses to Global Spanish Colonialisms

[144] **Symposium, Ceramic and Craft Production in the North American Southwest**  
**Room:** Lake Ontario  
**Time:** 8:00 a.m.–10:00 a.m.  
**Chair:** Ryan Arp  
**Participants:**  
8:00 Ryan Arp and Steve Swanson—The Function of Oversized “S-3” Structures in Preclassic Hohokam Villages
8:15  Break
8:30  Linda Wheelbarger, Carol Lorenz and David Preston—Discovery of a Basketmaker III Pithouse Occupation at the Point Great House Community in Northwestern New Mexico
8:45  Haley Dougherty and Karen Harry—Investigating the Source of Sand-Tempered Pottery at Pete’s Pocket, a Virgin Branch Puebloan Site on the Shivwits Plateau, Northwestern Arizona
9:00  Steven Rospopo and Linda Wheelbarger—Recent Advances in the Chaco Occupation History of the LA8619 Point Great House in Northwestern New Mexico Using Comparative Ceramic Typology Analysis
9:15  Zachary Cooper and David Hill—Evaluating a Resistance Model for Northern Rio Grande–Chaco Interaction
9:30  Caitlin Brast—Glazing Over Differences: Picuris Pueblo and Rio Grande Glaze Ware Typologies
9:45  David Lewandowski—The Social Networks of Classic Period Decorated Mimbres Pottery

[145]  SYMPOSIUM *PROYECTO ARQUEOLÓGICO MAZAPA-LA SIERRA 2021: NAVIGATING CHANGE AND CONTINUITY IN POSTCLASSIC, COLONIAL, AND CONTEMPORARY VERACRUZ, MEXICO
Room: Astoria Room
Time: 8:00 a.m.–10:15 a.m.
Chair: Gabriela Montero
Participants:
8:00  Christopher Pool and Michael Loughlin—Mazapa and La Sierra in Regional Context: Results of the RRATZ Survey
8:15  Gabriela Montero—Introducing PAMLAS: Change and Continuity in Postclassic, Colonial, and Contemporary Veracruz, Mexico
8:30  Mauricio Cuevas, Henri Noel Bernard and Gabriela Montero—Digitalizing Mazapa and La Sierra: Topographic Mapping and Other Technologies Applied to Archaeological Research in Southern Veracruz
8:45  María Guadalupe Alvarado González—Rutas prehispánicas y coloniales en la región de Mazapa-La Sierra: Cambios, continuidades y su papel en la conectividad regional
9:00  Roberto Torres Vargas—Prehispanic to Colonial Food Systems in the Eastern Lower Papaloapan Basin: A Perspective from La Sierra
9:15  Shayna Lindquist and Gabriela Montero—Analyzing PAMLAS Obsidian: Lithic Technology at the Site of La Sierra
9:30  Martín Ortega and Gabriela Montero—On Heritage and Value: Preventing Looting in Archaeological Sites
9:45  Marcie Venter—Discussant
10:00 Questions and Answers
SYMPOSIUM: INTERDISCIPLINARY APPROACHES TO ROCK ART DOCUMENTATION, RESEARCH, AND SITE MANAGEMENT, PART I
(Sponsored by Rock Art Interest Group)
Room: PDR #3
Time: 8:00 a.m.—10:30 a.m.
Chair: Audrey Lindsay

Participants:
8:00  David Whitley—Puberty Initiation and Rock Art in South-Central California
8:15  Ramón Fábregas Valcarce, Carlos Rodríguez-Rellán and Alia Vázquez Martínez—Twenty Years After: A Program of Research on the NW Iberian Rock Art
8:30  Andrzej Rozwadowski—Making Rock Art Contemporary: Linking the Past, Identity, and Spirituality
8:45  Tekla Schmaus—Using Rock Art to Explore Community and Gender in Central Eurasia
9:00  Linea Sundstrom—Hero Twins and Morning Star: The Night Sky in the Iconography of Ritualized Warfare from Mexico to Montana
9:15  Audrey Lindsay—A Formal Analysis of the Pecos River Style Winged Anthropomorph in the Lower Pecos Canyonlands, Texas
9:30  Julio Amador and Ofelia Márquez Huiztil—Feline Symbolism in the Rock Art of Chalcatzingo, Mexico
9:45  Matthew Piscitelli, Katherine Hodge and Courtney Agenten—Investigating Rock Art in the Classroom
10:00 Jerod Roberts—Assessing the Variability and Chronology of Red Linear Style Pictographs of the Lower Pecos Canyonlands of Texas: Preliminary Results
10:15 Frederick Coolidge—On the Problem of Interpreting Symbolism from Rock Art

SYMPOSIUM: ARCHAEOLOGY OF THE SOUTHWEST BALKANS
Room: Boulevard B
Time: 8:00 a.m.—10:45 a.m.
Chairs: Erina Baci, Anisa Mara and Zhaneta Gjyshja

Participants:
8:00  Gilbert Tostevin, Gilliane Monnier, Goran Pajovic, Mile Bakovic and Nikola Borovinčić—New Research at the Paleolithic Site of Crvena Stijena, Nikšić Municipality, Montenegro, within its Historical Context
8:15  Gazmend Elezi—Communities of Potters and the Regional Intra-actions in Late Neolithic Albania
8:30  Tobias Krapf—Connecting the Archaeological Records in the Lake Region between Albania, Greece, and North Macedonia: The Bronze to Early Iron Age Stratigraphy of Sovjan as a Reference for the Wider Area
8:45  Anisa Mara—Communal Interaction in Northern Albania during the Fourth and Third Millennium BC
9:00 Julian Schultz, Ergys Hasa, Michael Galaty, Richard Yerkes and Lorenc Bejko—Mountains and Meadows: Preliminary Data toward Understanding Prehistoric Albanian Herb Management
9:15 Michael Galaty—Discussant
9:30 Haxhi Mehmetaj, Dukagjin Mehmetaj, Sylvia Deskaj, Apostolos Sarris and Michael Galaty—Regional Archaeology in the Peja and Istog Districts of Kosova (RAPID-K): Survey and Settlement Patterns in Western Kosova
9:45 Zhaneta Gjyshja—Lluga: Preliminary Data from a Late Neolithic Site in Western Kosova
10:00 Erina Baci—Exploring the Multiple Roles of Hillforts in Prehistory: A Case Study from Western Kosova
10:15 Susan Allen—Discussant
10:30 Questions and Answers

[148] Symposium Publishing Dynamics in Archaeology and Anthropology
Room: Marquette Room
Time: 8:00 a.m.—11:00 a.m.
Chairs: Jess Beck and Rowan Flad

Participants:
8:00 Jess Beck—Positionality and Publishing: Archaeological Alignments to the Sciences and the Humanities
8:15 Lars Fogelin—Power, Prestige, and the Self-Published Scholar
8:30 Andre Costopoulou—A Post-journal Academic Publishing Landscape
8:45 Scott Hutson—Who Publishes Where and How Does This Correlate with Grants, Personal Connections, Institutional Prestige, and Gender?
9:00 Nicholas Kawa—Who Gets to Be an Author in Anthropology?
9:15 Questions and Answers
9:30 Mackinley FitzPatrick, Ari Caramanica, Ana Mauricio and Renata Verdun de Silva Carmona—A Continental Divide: Barriers to Publishing in American Journals for Latin American Scholars
9:45 Bridget Alex, Rowan Flad and Jenny Ji—Examining the Regional Scope of Archaeology Coverage by US Media: Is Anti-Asian Bias Evident?
10:00 Lewis Borck—Research and Publication Bias and the Erasure of History
10:15 Matthew Magnani and Natalia Magnani—Peer Review Culture
10:30 Matthaeus Rest and Christina Warinner—Breaking Out of the Mold
10:45 Laura Heath-Stout—Discussant

[149] Symposium New Frontiers in Archaeological Research on Hunter-Gatherer Mobility
Room: Conference Room 4M
Time: 8:00 a.m.—11:00 a.m.
Chairs: Jeremy Beller and Mark Collard
Program of the 87th Annual Meeting

Participants:
8:00  Meir Finkel and Aviad Agam—Reconsidering Embedded Procurement: A View from the Lower Paleolithic of the Levant
8:15  David Nash, Jake Ciborowski, Sigrid Staurset, Sheila Coulson and Sarah Mothulatshipi—Mapping Middle Stone Age Human Mobility in the Makgadikgadi Pans, Botswana, through Multi-site Geochemical Provenancing of Silcrete Artifacts
8:30  P. Jeffrey Brantingham—A Macroevolutionary View of Hunter-Gatherer Mobility
8:45  Jeremy Beller and Mark Collard—Hominin Mobility and Resource Procurement around a Levantine Oasis During the Middle Pleistocene: A Multi-site Analysis
9:00  Gerrit Dusseldorp, Luc Amkreutz and Welmoed Out—Move Along, Move Along: Neolithic Foragers, Mobility, and Settlement Systems ~4000 BCE in the Dutch Wetlands
9:15  Parth Chauhan, Ketika Garg, Prabhin Sukumaran, Vaneshree Vidhyarthi and Yezad Pardiwalla—Investigating Prehistoric Population Dispersal and Interconnectivity in India through GIS Spatial Analyses and Computational Modeling
9:30  Aaron Stutz—Residential Mobility, Logistical Mobility, and Social Network Connectivity in the Levantine Middle-Upper Paleolithic Transition
9:45  Michael Brandl, Christoph Hauenberger, Peter Filzmoser, Maria Martinez and Thomas Einwoegerer—Gravettian Lithic Resource Management Reveals Hunter-Gatherer Mobility: The Krems-Wachtberg Case in Austria
10:00 Marcus Hamilton—The Movement Ecology of Hunter-Gatherer Small- Worlds
10:15 Khori Newlander and Laura Zacharias—Inferring Mode of Acquisition from Toolstone Conveyance: A Pesky Middle-Range Problem
10:30 Robert Kelly—Discussant
10:45 Questions and Answers

Symposium Recipes of Practice: Theorizing the Link between Ceramic Paste Composition and Potting Communities
Room: Conference Room 4D
Time: 8:00 a.m.—11:00 a.m.
Chair: Andrew Womack

Participants:
8:00  Mary Ownby and Aaron de Souza—Social Identity and Paste Recipes: A Petrographic Study of Middle Nubian Pottery Traditions
8:15  Andrew Womack—Connecting Pots to Potters in the Qijia Period in Northwest China
8:30 Andrea Torvinen—Collective Social Identities through Ceramic Production: A Techno-petrographic Analysis of the Assemblage from La Quemada, Zacatecas, Mexico (600–800 CE)

8:45 Suzanne Eckert and Deborah Huntley—Identity as Expressed through Utility Wares at Goat Spring Pueblo in South-Central New Mexico

9:00 C. Trevor Duke and Neill Wallis—Secret Recipes: Potting Knowledge and Alterity in the Lower Southeastern United States

9:15 Domenique Sorresso—Characterizing Communities in the Upper Tombigbee River Drainage through Microscopic Assemblages

9:30 Questions and Answers

9:45 Guillermo de la Fuente, Sergio Vera, Jeffrey Ferguson and Michael Glascock—Pottery Recipes in Motion: Potting Communities during Late and Inca Periods at Southern Sector of Abaucán Valley (Dept. Tinogasta, Province of Catamarca Argentina)

10:00 Maria Masucci—Gathering for the Ancestors: Tracing Communities of Practice through Guancavilca Ritual Ceramics, Colonche Valley, Ecuador

10:15 Alicia Espinosa—About the Importance of Integrating the Chaîne Opératoire Concept into Ceramic Studies: The Case of the Virú and Moche Populations Cultural Affiliations and Contacts (Early Intermediate Period, Northern Coast of Peru)

10:30 James Davenport—Serving the Inka: Petrography and Communities of Practice in the Production of Inka and Ychsma Pottery at Pachacamac

10:45 Mary Ownby—Discussant

[151] Symposium Fryxell Symposium in Honor of Dolores Piperno
(Sponsored by Fryxell Committee)
Room: Williford Room B
Time: 8:00 a.m.–11:30 a.m.
Chair: Matthew Sayre

Participants:
8:00 Jose Iriarte, S. Yoshi Maezumi, Daiana Travassos, Regina Gonda and Sarah Elliot—Amazonian Dark Earths, Polyculture Agroforestry Systems, and Their Modern Legacy

8:15 Shanti Morell-Hart—Tubers, Grain, and Everything In Between: Mesoamerican Applications of Dolores Piperno’s Research

8:30 Ashley Sharpe, Richard Cooke and Nicole Smith-Guzmán—How Advances in Archaeobotany Benefit Us All: Perspectives from Zooarchaeology, Bioarchaeology, and Isotope Research

8:45 Torben Rick and Brian Holguín—Tracking the Pathways of “Affluent Foragers” and the Land and Seascapes of California’s Santa Barbara Channel Region
9:00  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.)
9:15  Kristin Benson and Tom Dillehay—Ritual before Domestic: Preceramic Contexts of Exotic Plants in Northwest Peru
9:30  Crystal McMichael, Dolores Piperno and Nina Witteveen—Using Phytoliths to Explore the Human History of Amazonian Forests
9:45  Sadie Weber and Matthew Sayre—Follow the Llamero: The Movement of Plant Foodstuffs in the Andes
10:00 Jeffrey Ross-Ibarra, Jorge Berny Mier y Teran and Douglas Kennett—Genetic Evidence of Maize and Bean Population Collapse Associated with European Contact
10:15 Douglas Kennett and Jeffrey Ross-Ibarra—Maize Domestication and Dispersal in the Americas
10:30 Mark Bush—New Questions from Maturing Studies in South American Paleoecology
10:45 Daniel Sandweiss—What the Shells Tell: Interdisciplinary Malocoarchaeology and Holocene Paleoclimate in Coastal Peru
11:00 Questions and Answers
11:15 Anthony Ranere and Ruth Dickau—The Role of Phytoliths and Starch Grains in Rewriting the History of Early Plant Domestication in the American Tropics

SYMPOSIUM NEW PERSPECTIVES FOR CHACO OUTLIER RESEARCH AND ADVOCACY
Room: Williford Room C
Time: 8:00 a.m.—11:45 a.m.
Chairs: Erin Baxter and Kellam Throgmorton

Participants:
8:00  Sean Field and Donna Glowacki—Reimagining the Far View Chacoan Great House Community
8:15  Erin Baxter—Seen and Unseen: An Historical Reinterpretation of the Great Kiva and Refuse Mounds at Aztec West
8:30  Kelsey Reese—A Chaco Great House Outlier Community on the Mesa Verde North Escarpment
8:45  Michelle Turner—The Wallace Great House Assemblage: New Research at the Edges
9:00  Grant Coffey and Mark Varien—Chaco Great Houses in the Great Sage Plain of Southwestern Colorado
9:15  Susan Ryan and Rebecca Hammond—Indigenous Perspectives on the Future of Chaco Research
9:30  Michael Spears, Octavius Seowtewa and Kurt Dongoske—Zuni People in Relation to the Chacoan World
9:45  Paul Reed and Theresa Pasqual—The Pueblo of Acoma’s Connections to Salmon, Aztec, and the Middle San Juan Region
10:00  Kelsey Hanson—Preparatory Acts and Chromatic Spectacle in Chacoan Performance
10:30  Benjamin Bellorado—The Footwear of Leadership and Prestige in the Chaco World: Twined Sandals and House Societies in the Greater San Juan River Drainage
10:45  Kathleen Barvick, Kelsey Hanson, Rebecca Harkness and Barbara Mills—The Distribution and Use of Plazas in the Chaco World
11:00  Kellam Throgmorton—Recognizing Ancient North American Polities: Introducing Peoplehood to the Chacoan World
11:15  Sarah Oas and Samantha Fladd—Complementary and Contradictory: Examining Gender Identities through the Lens of Food Preparation in Chacoan History
11:30  Ruth Van Dyke—Discussant

[153]  SYMPOSIUM PAPERS IN HONOR OF THE ALPHAWOOD FOUNDATION OF CHICAGO’S MAYA ARCHAEOLOGY PROGRAM
Room: Williford Room A
Time: 8:00 a.m.—12:00 p.m.
Chair: Brett Houk

Participants:
8:00  Brett Houk and Arlen Chase—Alphawood Foundation’s Maya Archaeology Program
8:15  Andrew Scherer and Charles Golden—Fields and Markets, Hilltop Forts and Missing Capitals: Recent Advances in the Archaeology of the Upper Usumacinta River Region
8:30  Tomas Barrientos and Marcello Canuto—La Corona Regional Archaeological Project: Fifteen Years of Research and Conservation in Northwestern Peten, Guatemala
9:00  Brent Woodfill—Empowering Professionals, Students, and Communities: Alphawood’s Impact at Salinas de los Nueve Cerros, Guatemala
9:15  Diane Chase, Arlen Chase and Adrian Chase—Identifying Ancient Neighborhoods at Caracol, Belize: Landscapes Analyses and the Archaeological Record
9:30  Barbara Arroyo—The Maya Highland site of Kaminaljuyu, Guatemala: New Advances and Interpretations
9:45  M. Kathryn Brown and Jason Yaeger—Early Maya Communities, Integration, and Creation of Sacred Landscapes: A View from the Mopan Valley, Belize

10:00  Questions and Answers

10:15  Francisco Estrada-Belli and Alexandre Tokovinine—In Search of the Kaanu’l dynasty in Northeastern Peten: Recent Investigations at Holmul and Chochkitam

10:30  Mary Jane Acuña and Carlos Chiriboga—Archaeological Palimpsests and Pentimenti: The Late Classic Occupation at El Tintal, Petén, Guatemala

10:45  Daniela Triadan and Takeshi Inomata—Tracing the Origins of Maya Civilization: Archaeological Investigations at Ceibal, Guatemala and the Middle Usumacinta River Basin, Tabasco, Mexico

11:00  Holley Moyes—Investigating the Underworld: Ten Years of Regional Cave Research in Belize, Central America

11:15  Eleanor Harrison-Buck, Samantha Krause and Mark Willis—Human-Wetland Relations in the Lower Belize River Watershed

11:30  Keith Prufer and Douglas Kennett—Early and Middle Holocene Human Population and Cultural Ecology in the Maya Lowlands

11:45  Terry Powis, George Micheletti and Sheldon Skaggs—Politicians Have Only Themselves to Blame: Cycling and Recycling Power for Two Millennium at Pacbitun, Belize

[154]  SYMPOSIUM Mangrove Archaeology: Global Comparative Perspectives on Method and Theory
(Sponsored by Island and Coastal Archaeology Interest Group)

Room: Boulevard A
Time: 8:00 a.m.—12:00 p.m.
Chairs: Marie Kolbenstetter and Alexander Geurds

Participants:
8:00  Marie Kolbenstetter and Alexander Geurds—Why Do We Need “Mangrove Archaeology”?

8:15  Dominique Rissolo, Jeffrey Glover, Roy Jaijel, Beverly Goodman and Patricia Beddows—The Hidden Coast of Northern Quintana Roo: Paleoenvironmental Reconstruction of the Ancient Maya Port Site of Vista Alegre

8:30  Katherine Woo—Tracking Mangrove Forest Evolution in the East Alligator River Region Using Molluscan Remains

8:45  Jessica Hedgepeth Balkin, Arthur Joyce and Michelle Goman—Mangrove Landscapes in the Lower Río Verde Valley, Oaxaca, Mexico: Growth and Role in Daily Life

9:00  John Peterson—Pacific Mangrove Habitat and Mid-Holocene High Still Stands: Shifting Sands for Neolithic Coastal Settlement

9:15  Riley Steele, Eduard Reinhardt, Samuel Meacham, Fred Devos and Dominique Rissolo—A 3,000-Year History of Coastal Landscape
Evolution from Boca Paila Cave Sediments Provides Evidence on the Formation of a Classic Maya Canal System in the Sian Ka’an Biosphere, Mexico

9:30 Juliet Sefton and Mark McCoy—A New Record of Late Holocene Relative Sea-Level Change in the High Basaltic Islands of Micronesia: Implications for Early Site Discovery and Monument Building

9:45 Questions and Answers

10:00 Barbara Voorhies and Douglas Kennett—7,000 Years of Human Presence in Coastal Wetlands of Southwestern Mexico

10:15 Rita Scheel-Ybert and Paulo DeBlasis—Mangrove and the Coastal Brazilian Sambaqui Culture: Interrelations in the Southern-Southeastern Coast

10:30 Leslie Reeder-Myers, Wilmer Elvir, Whitney Goodwin, Máximo Jiménez and Ashley Sharpe—Mangroves and Middens: Exploring the Role of Guaimoreto Lagoon in Resilient Strategies at the Selin Farm Site, Northeast Honduras

10:45 Daniela Klokler, Bruno Maximo, Luis Symanski and Gina Bianchini—The Little-Known Shell Sites from Guinea-Bissau: Archaeology of the Diola People

11:00 Heather McKillop, E. Cory Sills, Mark Robinson, Bretton Somers and Cher Foster—Classic Maya Selection of Mangrove Wood for Buildings at the Paynes Creek Salt Works, Belize

11:15 Chelsea Cohen—Great River in a Good Land: Landmaking and Landscape Changes in North American Riparian Ports

11:30 Maureece Levin and William Ayres—Mangroves in Micronesia: The Liminality of Human Settlement in the Northern Tropical Pacific

11:45 Scott Fitzpatrick—Discussant

[155] **Symposium: Palettes of the Past: Archaeology of the Extraction, Production, Exchange, and Use of Pigments**  
*Sponsored by Prehistoric Quarries and Early Mines Interest Group (PQEMIG)*

**Room:** Boulevard C  
**Time:** 8:00 a.m.–12:00 p.m.

**Chairs:** Marcela Sepúlveda and Michelle Young

**Participants:**


8:15 Tammy Hodgskiss, Jasmin Culey, Sarah Wurz, Paloma de la Peña and Aurore Val—Early Ochre Pathways: Ochre Procurement and Use 150,000 Years Ago at Olieboomspoort, Limpopo, South Africa

8:30 Adelphine Bonneau, Peter Mitchell, Brian Stewart and David Pearce—The “Wonderstone”: Investigations on the Use of Pyrophyllite by San People in South Africa and Lesotho
8:45  Brandi MacDonald, Farid Rahemtulla, Kwun Whess and David Stalla—
      Rock Art and Ochre Pigment Materiality at Babine Lake, British
      Columbia, Canada
9:00  Ariadne Kostomitsopoulou Marketou and Alexandra Rodler—Traces of
      Color: Approaching the Evidence of Colorant Production in the Graeco-
      Roman World
9:15  Cristina Vidal-Lorenzo, María Luisa Vázquez de Agredos Pascual, Núria
      Feliu Beltrán, Catarina Pereira Miguel and Carlo Emanuele Bottaini—
      Pigments and Color Technology among the Ancient Mayas: The Mural
      Painting of Substructure 6/j2-sub.2 of the Acropolis of La Blanca, Petén,
      Guatemala
9:30  Carlos López Puértolas—Understanding the Pigment Production System
      at Teotihuacan: An Approach from the Archaeology of Color
9:45  Marcela Sepúlveda, Benjamin Ballester, Gloria Cabello, Sebastian
      Gutierrez and Philippe Walter—Unraveling the Materiality of Color in
      the Atacama Desert (North of Chile): Social Implications of Mineral
      Polychromy during Late Pre Columbian Periods
10:00 Wilder Aldama and Gabriel Prieto—The Red Tide: Procurement, Uses,
      and Symbolism of Red Pigments during Prehispanic Times in Huanchaco,
      North Coast of Peru
10:15 Douglas Smit, Michelle Young and Emily Kaplan—Cinnabar Semiotics in
      the Prehispanic and Early Colonial Andes
10:30 Jacob Bongers, Vanessa Muros, Colleen O’Shea and Juliana Mejía—Painting
      Personhood: Exploring Red Pigment Practices in the Chincha Valley, Peru
10:45 Eline Schotsmans, Gesualdo Busacca and Marco Milella—
      Commemoration of the Dead through Mortuary and Architectural Use
      of Pigments at Neolithic Çatalhöyük, Turkey
11:00 Primitiva Bueno-Ramírez, Rosa Barroso and Rodrigo de Balbín-
      Berhmann—Pigments for the Dead: Megalithic Scenarios in Southern
      Europe
11:15 Kevin Vaughn—Discussant
11:30 Dorothy Hosler—Discussant
11:45 Questions and Answers

SYMPOSIUM IN MEMORY OF WENDY ASHMORE: LANDSCAPES OF MEANING, BIOGRAPHIES OF PLACE, AND ARCHAEOLOGIES OF COMPASSION, PART 1
Room: Lake Michigan
Time: 8:30 a.m.–12:00 p.m.
Chair: Christina Halperin

Participants:
8:30  Eleanor King—Peopling Maya Places
8:45  Jason Yaeger—Peopling the Mopan Valley Landscape: The Legacy of
      Wendy Ashmore’s Xunantunich Settlement Survey
9:00  Pamela Geller—Compassion as Archaeological Praxis
9:15  Chelsea Blackmore—Where Archaeology and Compassion Meet: The Legacy of Wendy Ashmore
9:30  Ellen Bell—Biographies of Place in the Copan Valley, Western Honduras: A Palimpsest Approach to Understanding Early Classic Maya Statecraft
9:45  Andrew Turner—Discussant
10:00 Kirby Farah—Archaeology and Local Biographies of Place in Xaltocan, Mexico
10:15 Arthur Joyce and Sarah Barber—The Power of Monumentality and Ruination in Prehispanic Oaxaca
10:30 Cynthia Robin—Wendy Ashmore: Pioneer and Role Model
10:45 Christina Halperin—Empty Spaces: A Tribute to Wendy Ashmore on the Materiality of the Intangible
11:00 Scott Smith—Perdurance and the Politics of Place at Iruhito, Bolivia
11:15 Rosemary Joyce—Being in Place: Subjectivities Shaped by a Honduran Landscape
11:30 Karl Taube, Travis Stanton and Yun Ge—Living Mountains: Cosmology, World Directions, Centering, and Community in Ancient Mesoamerica and East Asia
11:45 Edward Schortman—Space, Place, and Meaning at Gualjoquito, Northwestern Honduras: Rooting Power in Memory

SYMPOSIUM ETERNAL MIGRANTS? SCALE, MEANING, AND PRACTICE IN THE ARCHAEOLOGIES OF PAST MIGRATION
(Sponsored by The Society for Archaeological Sciences)
Room: Joliet
Time: 8:30 a.m.–12:00 p.m.
Chairs: Beth Scaffidi and Gina Palefsky

Participants:
8:30 Beth Scaffidi, Elise Alonzi, Ian Armit, Penny Bickle and Elena Isayev—Beyond the Local/Nonlocal Dichotomy: Case Studies in Contextualizing Archaeological Strontium Isotope Studies
8:45 Bethany Turner—Migrations and Transformations in the Inka Imperial Heartland
9:00 Corina Kellner, Justin Jennings, Willy Yepez Alvarez and Frank Ramos—Benefiting from New Interaction Spheres during the Middle Horizon in Ancient Peru at Tenahaha (AD 850–1050): Merging Strontium Isotope and Archaeological Data
9:15 Luis Manuel Gonzalez La Rosa, Aleksa Alaica and Kelly Knudson—Migration or Seasonal Mobility? Weaving Together Age, Isotopes, and the Vertical Archipelago in Northern Peru
9:30 Eden Washburn, Bebel Ibarra, Jason Nesbitt, Vicky Oelze and Lars Fehren-Schmitz—Strontium Isoscapes and Their Application in Andean Archaeology
150 Saturday Morning, April 2 Program of the 87th Annual Meeting

9:45 Christian Mader—Escaped from the Isoscape: Strontium Isotope Analysis as a Tool to Study Resource Dependencies
10:00 Ramiro Barberena, Augusto Tessone, Erik Marsh, Lumila Menéndez and Nicolás Rascovan—Southern Andean Migrations: Multiscalar Approach to Its Drivers and Consequences
10:15 Carolyn Freiwald, Claire Ebert, Julie Hoggarth and Jaime Awe—An Archaeometric Ethnography of Maya Dog Management in the Eastern Lowlands
10:30 Gina Buckley—Demography, Agency, and Status: How Migrants Carved Their Place into Teotihuacan Society
10:45 Gina Palefsky, Thanik Lertcharnrit, Sora Kim and Kelly Knudson—Human Diet and Mobility in Metal Age Central Thailand: Regional, Site, and Individual Scales
11:00 Andrea Göhring, Martin Gruber and Kai Kaniuth—The Complementary Work of Archaeology, Human Morphology, and Multi-isotope Analyses: Identifying Nonlocals within Archaeological Skeletal Remains from Karacamirli, Tepe 5 (Azerbaijan)
11:15 Denis Sharapov—The Tyranny of Nomadic Ethnography: Reapproaching Bronze Age (2100–1400 BC) Population Mobility in the Central Eurasian Steppes
11:30 Tiffiny Tung—Discussant
11:45 Lesley Gregoricka—Discussant

[158] Poster Session Recent Research across Asia Room: Poster Hall Time: 9:00 a.m.–11:00 a.m.

Participants:
158-a Xin Yu, Hailin Liu and Chunxue Wang—A Study on the Animal Remains Unearthed from the Shengjindian Cemetery in Turpan, Xinjiang, China
158-b Hailin Liu, Xin Yu and Chunxue Wang—Zooarchaeological Research on Shipwreck Remains of the Maritime Silk Road: A Case Study of the Shipwreck Site in Zhangwan, Tianjin, China
158-c Yuriko Kikuchi—Circulation of Vietnamese, Chinese, and Japanese Coins in Early Modern Vietnam
158-d Sara Jaramillo, Katheryn Twiss, Anastasia Iorga and Nicholas Gonzalez—Measuring Fish Remains in Different Areas of Ancient Ur: A Possible Marker for Differentiation in Consumption
158-e Anastasia Iorga, Carrie Wright, Troy Rasbury and Katheryn Twiss—Solidifying Mobility and Landscape Use Inferences: Assessing Bone and Enamel Diagenesis across Ur via Strontium Isotope Analysis
158-f Hsi-wen Chen—Models Based on Farming Strategies to Assess the Hierarchy among Polities in Ancient Northeastern China
Program of the 87th Annual Meeting  
Saturday Morning, April 2  

158-g Carlos Romo-Caballero, Alan Farahani and Bethany Walker—A Paleoethnobotanical Analysis of Political Economy and Imperial Production from ca. 1300 CE Jordan

158-h Nina Hirai, Zhipeng Li, Songmei Hu, Rowan Flad and Katherine Brunson—Archaeological Open Access Data: A Comparative Analysis of Oracle Bone Production and Use in Ancient China

[159] POSTER SESSION ▪ ARCHAEOLOGICAL PEDAGOGY, LEARNING ENVIRONMENTS, AND PUBLIC ENGAGEMENT  
Room: Poster Hall  
Time: 9:00 a.m.–11:00 a.m.

Participants:
159-a James VanderVeen and Calvin Petrucelli—Engaging in Coursework and in Communities: Field School Students as Active Citizens
159-b Kathryn Rayburn, Emily Beahm, Carol Colaninno, Carl Drexler and Shawn Lambert—A Student’s View of Sexual Harassment and Conflict at Field Schools
159-c Kara Fulton—The Value of Team-based Learning in an Asynchronous Online Archaeology Course
159-d Clark Sturdevant—Field-Related Career Interest Survey
159-e Mikayla Gonzales, Caroline Watson, Emily Hull, Emmanuel Macias and Amy Thompson—Why Should Students Present Posters at the SAA Annual Meetings?
159-f Philip Carr—Team-based Learning and The Fifth Beginning: Reinvigorating Introduction to Archaeology
159-g Alexis Boutin, Victoria Calvin and C. Midori Longo—How Should General Education Archaeology Curricula Respond to the COVID-19 Pandemic?
159-h Katharine Nusbaum—Challenges to Integrating Archaeology into K–12 Education: A Survey of New York Educators
159-i Alexandra Covert—Engaging Indigenous Young Adults through Archaeological Fieldwork within the National Park Service
159-k Delaney Cooley and Ella Crenshaw—Public Archaeology in the Wake of the Pandemic: Creating a More Accessible OKPAN
159-l Hannah Rucinski and Georgia Abrams—Public Archaeology in the Mirror: An Updated Model at the Illinois State Archaeological Survey
159-m April Sievert, Brian Gilley, Teresa Nichols, K Anne Pyburn and Jayne-Leigh Thomas—Learning NAGPRA: Online Tools and Resources for Teaching and Learning
159-n Anthony Sinclair—The Atlas of Archaeology: Mapping the History of a Discipline Using Bibliometric Data
[160] POSTER SESSION RECENT RESEARCH ON DEMOGRAPHY AND SETTLEMENT PATTERNS
Room: Poster Hall
Time: 9:00 a.m.–11:00 a.m.

Participants:
160-a Gligor Dakovic—Long-Term Demographic Dynamics of Late Prehistory (5500–750 BC) in the Northern Banat Region of Serbia
160-b Kate Magargal and Brian Codding—Firewood as a Primary Constraint on Settlement Location
160-e Jonathan Alperstein, Petra Creamer, Carolin Ferwerda, Madeleine McLeester and Jesse Casana—Locating New England’s Woodland Villages: Landscape-Scale Geophysics in the Upper Connecticut River Valley
160-f Kathryn Proctor—Small-Scale Mississippian Settlements Revealed through Geophysical Surveys in Southwestern Tennessee
160-g Michael Pool—A "Just-So” Story: Mimbres Disorganization
160-h Julia Furlong—Modeling Prehistoric Population and Cultural Change throughout the Plateau of Northwestern North America

[161] POSTER SESSION CONTACT PERIOD AND HISTORIC ARCHAEOLOGY IN NORTH AMERICA
Room: Poster Hall
Time: 9:00 a.m.–11:00 a.m.

Participants:
161-a Zo Bly—The Ecological Impact of Herding and the Introduction of Domesticates in the American Southwest
161-b Jalynn Stewart, Megan Perry and Bridget Cone—Mortuary Archaeology of the Nineteenth- to Twentieth-Century Rhem Family Vault in New Bern, North Carolina
161-c Isabel Nowak and Maxime Lamoureux-St-Hilaire—Historical and Community Archaeology: The Enslaved of Beaver Dam
161-d Kimberly Kasper, Mary Catherine Brown, Olivia Evans, Chiara Torrini and Jamie Evans—Brick by Brick, Nail by Nail: Reconstructing Nineteenth-Century Enslaved African and African American House Structures in Western Tennessee
161-e Ben Ford—Is That an Ore Chute?
161-f Matthew McKnight—Skipton on Cohongoronto: Remote Sensing at the Site of Thomas Cresap’s Eighteenth-Century Dwelling in Allegany County, Maryland
161-h  Kathryn Maag—Cemetery Spatial Analysis at Carbon, Wyoming
161-i  Gwen Bakke—The Aftermath of Contact and Colonialism: Wichita Subsistence Change in the Southern Plains

[162]  POSTER SESSION  PIGMENTS AND TEXTILES
Room: Poster Hall
Time: 9:00 a.m.—11:00 a.m.
Participants:
162-a  Denis Waudby, Gillian Thompson and Adrian Evans—Blind Test Evaluation of the Reliability of Bast Fiber Microfibrillar Angle and Circularity as Diagnostic Features
162-b  Paul Thacker—Seeing Red: Paleolithic Color Aesthetics, Pigment Production, and Pyrotechnology at Vale de Óbidos, Portugal
162-c  Megan Binkley, Sarah Clayton and Greg Barrett-Wilt—Creating a Brilliant Red: An Interdisciplinary Approach to Reconstructing Colorant Production in Prehispanic Mexico
162-d  Michael Bies, Danny Walker, Dave Vlcek, Stacey Whitman-Moore and Hillary Jones—Ochre Processing at Legend Rock State Petroglyph Site, Wyoming
162-e  Emilee Witte, Donna Nash and Emily Schach—People, Pigments, and Parallels

[163]  SYMPOSIUM  INTERDISCIPLINARY EXPLORATIONS OF URBANISM, POLITY, AND DAILY LIFE IN TEOTIHUACAN AND BEYOND: SYMPOSIUM IN MEMORY OF GEORGE COWGILL
Room: Lake Huron
Time: 9:00 a.m.—12:00 p.m.
Chairs: Nawa Sugiyama, Sarah Clayton and Saburo Sugiyama
Participants:
9:00  Saburo Sugiyama, Nawa Sugiyama, Kazuhiro Sekiguchi and Kuninori Iwashiro—A New Approach for the Cognition of Time, Space, and Rulership in the Cosmic City of Teotihuacan
9:15  Verónica Ortega Cabrera—Las ofrendas de la Plaza de la Luna Teotihuacán, evidencias del complejo ritual
9:30  Emily McClung de Tapia and Laura Beramendi-Orosco—Landscape Formation/Transformation in the Prehispanic and Colonial Teotihuacan Valley
9:45  Nawa Sugiyama, Karl Taube, Saburo Sugiyama and Ariel Texis—Pilgrimage from Center to Periphery: Petrographic Data from Cerro Patlachique
10:00  Sarah Clayton, Nawa Sugiyama and Karl Taube—Inscribing Clay and Stone: A Multimedia Study of Writing and Literacy at Teotihuacan
10:15  Jennifer Carballo and David Carballo—A Deep History of Central Mexican Pottery: Daily Life and Diachronic Patterns
10:30  Destiny Crider—Listening to What the Sherds Tell Us: The Legacy of George Cowgill on Epiclassic Ceramic Studies
10:45  Michael Smith—George Cowgill’s Approach to Comparative Urbanism
11:00  Alanna Ossa—Gulf Urbanism and the Ballcourt
11:15  Deborah Nichols—Discussant
11:30  Norman Yoffee—Discussant
11:45  Questions and Answers

[164]  SYMPOSIUM ARCHAEOLOGY OF METROPOLITAN CHICAGO, PART I
Room: Lake Erie
Time: 9:45 a.m.—12:00 p.m.
Chair: Clare Tolmie
Participants:
9:45  Clare Tolmie and John Lambert—The Lake Effect: Lake Michigan, Landscape Evolution, and the Archaeological Record of the Chicago Region
10:00  Lauren Fitts and Marie Meizis—A Preliminary Report on Recent Findings along the Des Plaines River
10:15  Jamie Kelly, Eli Suzukovich III and Lauren Fitts—Chicago Area Collections at the Field Museum
10:30  Kjersti Emerson and Thomas Emerson—Disentangling the 1924–1930 Rescue Excavations of George Langford Sr. at the Fisher Site, Will County, Illinois
10:45  Melissa Baltus and Paula Bryant—Joe Louis: A Late Fisher Phase Village on the Little Calumet River
11:00  Paula Porubcan and Thomas Loebel—The Huber Site: A Frontier Indigenous Settlement at the Edge of European Contact
11:15  Joseph Wheeler, Madeleine McLeester and Mark Schurr—Beyond the Bunkers: Investigations of a Protohistoric Village at the Former Joliet Arsenal
11:30  Paula Bryant—Chicago’s “Plymouth Rock”: The Landscapes and Archaeology of the Chicago Portage
11:45  William Green—Discussant
[165] FORUM | DIVERSIFYING CURRICULUM: TRAINING FOR INCLUSIVE ARCHAEOLOGIES ROUNDTABLE  
(Sponsored by Committee on Curriculum; Committee on the Status of Women in Archaeology)  
Room: Continental C  
Time: 10:00 a.m.–12:00 p.m.  
Moderators: Dawn Rutecki and Will Meyer  
Participants:  
Anna Agbe-Davies—Discussant  
Dana Bardolph—Discussant  
Kristin De Lucia—Discussant  
Larkin Hood—Discussant  
Eric Kaldahl—Discussant  
Elizabeth Leclerc—Discussant  
Claire Novotny—Discussant  
Mini Sharma Ogle—Discussant

[166] SYMPOSIUM | NEW DIRECTIONS IN CARIBBEAN ARCHAEOLOGY  
Room: Waldorf Room  
Time: 10:15 a.m.–12:00 p.m.  
Chair: Edith Gonzalez  
Participants:  
10:15 L. Antonio Curet and Josh Torres—Changes in Settlement Patterns and Population Levels in the Ancient History of the South-Central Coast of Puerto Rico  
10:30 Gene Shev, Jason Laffoon, Zara Ali and Corinne Hofman—Multi-isotopic Analyses of Hutias from Late Precolumbian Sites (ca. AD 800–1500) in the Dominican Republic: Assessing the Effects of Human Niche Construction Activities and Garden Hunting Practices on Endemic Animals  
10:45 Matthew Brown, Cory Look, Tamara Varney, Reg Murphy and Christopher Waters—Eighteenth- to Nineteenth-Century Unmarked Burials at Freeman’s Bay Antigua during a Time of Deadly Disease within English Harbor’s Military Complex  
11:00 Taylor Bowden, Todd Ahlman, Ashley McKeown and Nicholas Herrmann—An Isotopic Study of an Eighteenth-Century Cemetery (SE600) on St. Eustatius, Dutch Caribbean  
11:15 Elysia Petras—Interpreting and Representing Evidence for Interisland Networks of the Enslaved at the Hughes Estate Plantation Site on Anguilla, B.W.I.  
11:30 Edith Gonzalez—Island Laboratory: the Global Flow of Agricultural Knowledge from Barbuda, West Indies  
11:45 Emily Schumacher—The Military Landscape of St. Croix, Danish West Indies (1733–1917)
[167] **Symposium: Recent Research in Central America**  
**Room:** Continental B  
**Time:** 10:45 a.m.–12:00 p.m.  
**Chair:** Ana Navas-Méndez  

**Participants:**  
10:45 Ana Navas-Méndez, Daniel Pierce, Brandi MacDonald, Michael Glascock and Mary Ownby—Communities of Practice during the Late Pre-Columbian Period (AD 700–1500) in the Gran Coclé and Gran Darién, Panama  
11:00 Emily Rodgers—Petrographic and Geochemical Insights into Ceramic Technology and Provenance on the Paria Peninsula, Venezuela  
11:15 Hernando Giraldo Tenorio, Mateo Díaz and Germán Corrales—Actividades domésticas y producción artesanal prehispánicas en el valle de Popayán, Colombia  
11:30 Francisco Corrales-Ulloa and Adrián Badilla-Cambronero—Offerings and Memory: The Funerary Structure 1 at Finca 6 site, Diquís delta, Costa Rica  
11:45 Charlotte Williams—Tools of the Trade: Capitalism and Industry in Twentieth-Century Central American Archaeological Practice

[168] **Symposium: Archaeologies of the Pacific Islands**  
**Room:** PDR #3  
**Time:** 11:00 a.m.–12:00 p.m.  
**Chair:** Jeanne Binning  

**Participants:**  
11:00 Yan Cai—The Role of Productive Differentiation in the Development of Social Complexity in Palau  
11:15 Jeanne Binning and Joan Schneider—The Visibility of Stone Food Pounders in the Polynesian Archaeological Record  
11:30 Claudia Escue and Jennifer Kahn—Geospatial Analysis of Traditional Taro Farming, Rurutu, Austral Islands, French Polynesia  
11:45 Dominic Bush—Peril in Paradise: An Interdisciplinary Approach to the Management of Submerged World War II Plane Wrecks in Hawaii
Saturday Afternoon ■ April 2, 2022

[169] **Symposium: Forensic Archaeology, Warfare, and Violence**
*Room:* Conference Room 4D  
*Time:* 1:00 p.m.–2:00 p.m.  
*Chair:* Christine Lee  

**Participants:**
1:00 Kaitlin Ahern—Ancient Maya Defensive Hilltop Structures and the Atalaya  
1:15 Christine Lee and Cassandra Kuba—Trade and Trauma along the Silk Road: The Evidence from the Western Frontier of China and Mongolia (700 BC–AD 420)  
1:30 Tabatha Wadford, Adam Fracchia, Tiffany Saul, Cole Buffalini and Morgane Morin—For Both the Living and Dead: Building Collaboration and Partnerships in a Forensic Recovery Mission  
1:45 Mark Collard and Kimberly Plomp—A Case Study Illustrating the Potential for Synergy between Paleopathology and Evolutionary Medicine

*Room:* Continental C  
*Time:* 1:00 p.m.–2:15 p.m.  
*Chair:* William Balco  

**Participants:**
1:00 Kenneth Aitchison—Professional Archaeology in the UK under COVID-19  
1:15 Todd McMahon—A Pandemic Dilemma Met for Colorado's State-Approved Repositories: How Virtual Training/Gatherings Now Support and Enrich this State’s Curation Program  
1:30 Melanie Saldana and James Brady—Quarantined but Not Helpless: Teaching Archaeology during the Pandemic  
1:45 William Balco and Scott Kirk—Mitigating COVID-19 Risk at University of North Georgia’s Archaeological Field School: When Plans Meet Curve Balls  
2:00 Whitney Lytle—Covid Recovery through Collaboration: A Small Museum's Strategy for Community Rebound

[171] **Forum: Open Forum on Women, Our Experiences and Issues**
*Room:* Continental A  
*Time:* 1:00 p.m.–3:00 p.m.  
*Moderator:* Alice Kehoe  

**Participants:**
Kathryn Egan-Bruhy—Discussant  
Dana Bardolph—Discussant  
Linea Sundstrom—Discussant
[172] **Poster Session: Digital Archaeology in Central America**  
**Room:** Poster Hall  
**Time:** 1:00 p.m.–3:00 p.m.  
**Participants:**  
172-a Megan Whitehead—Artifact Density Analysis in Tlajinga  
172-b Eunice Villasenor Inbe and Christopher Morehart—A Statistical Comparison of the Physical Characteristics of Terracing in the Basin of Mexico  
172-c Ken Seligson and Evan Parker—Shifting Land Use Patterns within Small-Scale Communities in the Puuc Region of the Northern Maya Lowlands  
172-d Tia Watkins, Adam Jursky, Christophe Helmke, Antonio Beardall, and Rosamund Fitzmaurice—Digital Preservation of Classic Maya Graffiti through 3D Modeling: A Case Study from Xunantunich, Belize  
172-e Fiona Haverland, Marieka Brouwer Burg, and Eleanor Harrison-Buck—Making Sense of Big Data: An Exploratory Geospatial Analysis of Ancient Maya Sites in the Mid-Lower Belize River Valley  
172-f Marieka Brouwer Burg, Tawny Tibbits, and Eleanor Harrison-Buck—A Stone by Any Other Name? Tracing the Economic and Social Significance of Ground Stone Tools  
172-g Jeffrey Davis—Early Middle Preclassic (900–600 BC) Networks in the Eastern Maya Lowlands: A Preliminary Analysis

[173] **Poster Session: Recent Research in Southwestern Archaeology**  
**Room:** Poster Hall  
**Time:** 1:00 p.m.–3:00 p.m.  
**Participants:**  
173-a Krystal Britt—Geochemical and Petrographic Analysis of Mogollon Brown Ware from the Middle Little Colorado River Valley, Northern Arizona  
173-b Scott Van Keuren—Adobe Bricks and the Migrant Experience at Fourmile Ruin, Arizona  
173-c Philip Mink, Ashley Whitten, Elaine Gollihue, William Riekert, and Codi Scogin—Re-walking the Walhalla: Recent Research in the Cape Final Area of Grand Canyon National Park  
173-d Jonathan Dombrosky—Preliminary Findings from the Haynie Site (SMT1905) Fauna  
173-e Sara Reed—Think Like a Watershed: One Mountain’s Tale of Water Politics and Heritage in Northern New Mexico  
173-f Julia Freiberger and Debra Martin—The Use of Fire for Ritualistic Destruction and Purification of Highly Fragmented Human Remains  
173-g Mariana Lujan Sanders, Hannah Mattson, and Kari Schleher—Occupational Use, Stability, and Intensity of Protohistoric Field Houses along the Sandia Mountains, New Mexico
173-h Donna Glowacki, Gonzalo Huidobro Marin, Sean Field and Alan Hamlet—Ancestral Pueblo Water Management: Reinvestigating the Purpose and Function of Far View Reservoir

173-i Caitlin Wichlacz, Morgan Schreiner, Brendan Hurla, Dwight Courtney and Iris Staley—Reconstructing Relationships: Digitizing and Examining Data from Las Colinas Mound 8 Features and Ceramics

173-j Jana Meyer—The Spatial Distribution of Jewelry at Tijeras Pueblo

173-k Jacob Haffner, Hannah Mattson, Kari Schleher, Laura-Isobel McCall and Cecil Lewis—A New Approach to Organic Residue Analysis: Archaeological Metabolomics

173-l Kathryn Baustian—Reassessing Mimbres Mortuary Practices after a Century of Excavations

[174] **Poster Symposium** What Is Going On with the Archaeology of Michoacán, Mexico?

**Room:** Poster Hall  
**Time:** 1:00 p.m.–3:00 p.m.  
**Chair:** José Luis Punzo Díaz

**Participants:**

174-a José Luis Punzo Díaz and Fernanda Navarro Sandoval—Lidar Scanning of the Ancient City of Tzintzuntzan: First Results

174-b Fernanda Navarro Sandoval, Dante Martínez Vázquez, José Luis Punzo Díaz and Angélica Pérez Diosdado—Livin’ on the Edge: First Data of a Suburb of Tzintzuntzan

174-c Mijaely Castañón-Suárez, Jasinto Robles, Alejandro Valdés and José Luis Punzo Díaz—Technological Analysis of Ceramics in Tingambato

174-d Mónica Sosa Ruiz and Mijaely Castañón-Suárez—What the Fire Left Us: Negative Pottery and Its Conception in Michoacán

174-e Adam Budziszewski—Cremation in Middle Balsas Region: Preliminary Study of Funerary Urns from Los Tamarindos (Huetamo)

174-f Miguel Ibarra López, Karla Fernanda Rodríguez Rodríguez, Alfonso Gastélum Strozzi and José Luis Punzo Díaz—First Analysis of a Sample of Cremated Skeletal Remains from the Ossuary of the Great Platform from Tzintzuntzan, Michoacán, Mexico

[175] **Poster Symposium** Mogollon Area Archaeology: Mimbres, Salado, and in Between

**Room:** Poster Hall  
**Time:** 1:00 p.m.–3:00 p.m.  
**Chairs:** Karen Schollmeyer and Jeffery Clark

**Participants:**

175-a Samuel Rosenbaum—Construction and Settlement Patterns at the Gila River Farm Site
175-b  Stephen Uzzle—Mobility as a Land Use Strategy in Prehispanic Southwest New Mexico
175-c  Fumi Arakawa, Aimee Oliver-Bozeman, Allen Copp, Bethany Stevens and Allyson Ueki—A Case Study of Early Mogollon Great Kivas from Twin Pines Village in Southern New Mexico
175-d  Kathrine Taylor—Diversifying and Decolonizing
175-e  Beatriz Barraclough-Tan—Braided Together: Combining Different Sandal Technologies in Salado Material Culture
175-f  Lewis Dolmas—Distributions of Axe Head Styles at Salado Settlements
175-g  William Walker, Fumi Arakawa and Chadwick Burt—Life Histories of Kill Hole Pottery in the American Southwest
175-h  Gabriella Pfleger, Rebecca Harkness and Allen Denoyer—An Experimental Comparative Analysis of Classic Mimbres and Salado Pottery
175-i  Lori Barkwill Love—Reexamining Mogollon Pithouse Chronology: A Bayesian Approach

[176]  POSTER SYMPOSIUM—RECENT RESEARCH IN GREATER NORTHWEST MEXICO
Room: Poster Hall
Time: 1:00 p.m.—3:00 p.m.
Chair: Matthew Pailes

Participants:
176-a  Matthew Pailes, John Carpenter and Guadalupe Sánchez—Recent Research in the Nuri Valley of Sonora, Mexico
176-b  José Antonio López Rivera, John Carpenter, Matthew Pailes and Guadalupe Sánchez—Estudios preliminares del Presidio de Fronteras de los Apaches o Santa Rosa de Corodéguachi
176-c  Dakota Larrick, John Carpenter, Guadalupe Sánchez and Matthew Pailes—Demographic Persistence and Culture Diversity in the Fronteras Valley, Sonora, Mexico
176-d  Jaron Davidson, John Carpenter, Guadalupe Sánchez and Matthew Pailes—Evidence for Demographic and Cultural Continuity in the Fronteras Valley
176-e  Jose Vivero Miranda—Comparative Analysis of Rio Sonora Ceramics: Implications for Regional Identities
176-f  Samuel Jensen, Michael Searcy and Meradeth Snow—Redating Paquimé and the Convento Site 60 Years after the Joint Casas Grandes Expedition in Northwestern Mexico
176-g  Andrew Krug, John Carpenter, Matthew Pailes and Guadalupe Sánchez—Marine Shell Conveyance and Brokerage Networks in the Rio Sonora and Serrana Worlds
SYMPOSIUM EMERGING FROM ISOLATION: A POST-PANDEMIC ASSESSMENT OF SUBTERRANEAN ARCHAEOLOGY IN MESOAMERICA
Room: Lake Huron
Time: 1:00 p.m.–3:00 p.m.
Chairs: James Brady and Ann Scott
Participants:
1:00  Rebecca Sload—Beyond Chicomoztocc: Are Hill Sign Toponyms Actually Mountain-Caves?
1:15  Jon Spenard—A Long Overdue Return to the Cold River: Archaeology of the Rio Frio Caves, Cayo District, Belize
1:30  Cameron Griffith, Cameron McNeil and Edy Barrios—Speleoearchaeological Reconnaissance in the Periphery of Copan
1:45  Cristina Verdugo, James Brady and Lars Fehren-Schmitz—A Further Illumination of Postmortem Practices at Midnight Terror Cave Using Paleogemomics
2:00  James Brady, Cristina Verdugo and Lars Fehren-Schmitz—Delving into the Structure of Ancient Maya Cave Rituals: Archaeological and Paleogenetic Insights
2:15  Joy Przybyla, Dominique Rissolo and Jeffrey Glover—Chen Mul Modeled Effigy Censers, Maya Caves, and Their Relationship with Ritual Practices: Evidence from the Central Coastal Region of Quintana Roo, Mexico
2:30  Christina Iglesias—Reconceptualizing Subterranean Space at Chichen Itza
2:45  Guillermo de Anda, Cinthya Campos and James Brady—More than Smoke: Questions Arising from Incense Burners from Balamkú Cave, Chichén Itzá

SYMPOSIUM IN SMALL THINGS REMEMBERED: AN ARCHAEOLOGY OF AFFECTIVE OBJECTS AND OTHER NARRATIVES
Room: Conference Room 4M
Time: 1:00 p.m.–3:00 p.m.
Chairs: Shannon Freire and Catherine Jones
Participants:
1:00  Eric Burant—The Coins: A GIS Analysis of Temporality at the Milwaukee County Poor Farm Cemetery
1:15  Nicholas Richards and Patricia Richards—The Iron Coffin: An Artifact Out of Place and Time Recovered from the Milwaukee County Poor Farm Cemetery
1:30  Patricia Richards—The Thumb Screws: Decorative Mortuary Hardware Recovered from the Milwaukee County Poor Farm Cemetery
1:45  Brooke Drew—The Medallion: An Exploration of Religious Items Recovered from the Milwaukee County Poor Farm Cemetery, 1882–1925
2:00  B Charles—The Can: Clandestine Infant Burials inside Everyday Objects
2:15  Jessica Skinner, Patricia Richards and John Richards—The Suture: Medical Entanglements at the Milwaukee County Poor Farm Cemetery
2:30 Shannon Freire and Catherine Jones—The Scrapbook: A “Conundrum of the Archives”
2:45 Bettina Arnold—Discussant

[179] **Symposium: Community and Public Archaeology**
**Room:** PDR #3
**Time:** 1:00 p.m.–3:00 p.m.
**Chair:** Kristen (KC) Carlson

**Participants:**
1:00 Adam Rabinowitz, Daniel Breecker, Melissa Kemp, Sheryl Luzzadder-Beach and Angelina Locker—Grand Challenges in Archaeology, Archaeology in Grand Challenges: The Stories of Ancient Resilience Project and Integrating the Past in the Planet Texas 2050 Grand Challenge at the University of Texas at Austin
1:15 Dawn Rutecki—Navigating Communities: Ethical Considerations of Archaeological Collaborations
1:30 Kristen (KC) Carlson—The Intersection of Sustainability, Southwestern Archaeology, Native American Interests, and Tourism
1:45 Danny Sosa Aguilar—Interpretations of Charcoal: Collaborative Archaeology in Abiquiu, New Mexico
2:00 Hirokazu Kotegawa—Desafío para obtener una identidad local a través del patrimonio arqueológico del sur de Veracruz
2:15 Rafael Cruz Gil—Xochicalco as a Canvas for Criollo Nationalism: Appropriation of the Indigenous Material Past in New Spain
2:30 Thomas Barrett—Ghosting: Archaeological Shadows in Public Sight
2:45 William Donaruma and Ian Kuijt—Archaeology and the Public: YouTube, Subscribers, and Popularizing the Past

[180] **Lightning Round: Large Museum Collections and NAGPRA: A Dialogue on Effective Repatriation Strategies**
**Room:** Continental B
**Time:** 1:00 p.m.–3:00 p.m.
**Moderators:** Brooke Morgan and Logan Pappenfort

**Participants:**
Celise Chilcote-Fricker—Discussant
Rebecca Hawkins—Discussant
Amber Hood—Discussant
Ellen Lofaro—Discussant
Angela Neller—Discussant
Candace Sall—Discussant
Jayne-Leigh Thomas—Discussant
Benjamin Barnes—Discussant
(Sponsored by Southeast Asian Archaeology Interest Group)

Room: Williford Room C
Time: 1:00 p.m.–3:15 p.m.
Chair: Scott Macrae

Participants:
1:00 Benjamin Utting—Exploring Prehistoric Technology at the Trang An Landscape Complex
1:15 Francis Allard—The Early Maritime Silk Road: A View from the South China Sea and Southeast China
1:30 Scott Macrae, Gyles Iannone, Kong Cheong and Pyiet Phyo Kyaw—Implications of the Climatic and Environmental Conditions during the Early Occupation at Bagan, Myanmar
1:45 Sarah Klassen, Tiago Attorre, Phakdey Phin, Samnang Phin and Alyssa Loyless—Updates from the Koh Ker Archaeological Project
2:00 Mitch Hendrickson, Christian Fischer, Julia Estève, Dominique Soutif and Cristina Castillo—The Second City of Angkor: Investigating Urbanism, Buddhism, and Technological Practices at Preah Khan of Kompong Svay, Cambodia (Eleventh to Thirteenth Century CE)
2:15 Stéphanie Leroy, Mitch Hendrickson, Enrique Vega and Quan Hua—Following the Recipe: Using pXRF to Track the Evolution of Iron Smelting Practices during the Rise and Fall of the Angkorian Khmer Empire, Cambodia
2:30 John Jhussein Zaldivar—Occupational Safety and Health into the Discourse of Archaeology in the Philippines
2:45 Roland Fletcher—Discussant
3:00 Questions and Answers

[182] Symposium: Archaeology of Metropolitan Chicago, Part 2
Room: Lake Erie
Time: 1:00 p.m.–3:15 p.m.
Chair: Paula Porubcan

Participants:
1:00 Michael Gregory—Civil War-Era Camp Douglas’s Archaeological Imprint and Its Significance
1:15 James Meierhoff and Artur Stasiek—Archaeology of the World War II German Prisoner of War Branch Camps of Chicago
1:30 Rochelle Lurie and M. Catherine Bird—How Final Is Your Final Resting Place? Chicago Area Nineteenth- and Early Twentieth-Century Cemeteries
1:45 Jane Peterson and Michael Gregory—Suburban Geographies of Expansion and Exclusion: Village of Maywood, Illinois
2:00 Scott Demel—Who Ate the Periwinkle Snails and Ham Steaks? An Archaeological Investigation in Chicago’s Chinatown
2:15  Carrie Christman and Robert Watson—Intelligent Discontent: Results of Archaeological Monitoring during the Construction of the Pullman National Monument

2:30  Rebecca Graff—Excavating Archaeology and Architecture at Three Chicago Homestites: The Gray-Cloud House, the Charnley-Persky House, and Mecca Flats

2:45  Anna Agbe-Davies and John Eric Deetz—Historical Archaeologies of the Phyllis Wheatley Home for Girls, Chicago

3:00  Ann Keating—Discussant

[183]  **SYMPOSIUM: ARCHAEOLOGY OF CENTRAL AND WESTERN ASIA**

**Room:** Waldorf Room

**Time:** 1:00 p.m.–3:15 p.m.

**Chair:** Ian Kuijt

**Participants:**

1:00  Naomi Martisius, Danielle Macdonald and Lisa Maher—Taking It Up a Notch: Epipaleolithic Bone Notching at Kharaneh IV (Jordan)

1:15  Daniella Bar-Yosef Mayer—The Earliest Strung Beads of the Middle Paleolithic

1:30  Ian Kuijt—Evolutionary G(r)ains? Neolithic Food Insecurity, Storage, and Social Inequality

1:45  Fatemeh Ghaheri—Neo-Assyrian Empire: Imperial Power’s Effect on Agricultural and Pastoral Strategies of Farmers in Semiarid Environments through Phytolith Investigation

2:00  Peri Johnson and Ömür Harmansah—Hittite Imperial Policies and Urban Planning in the Western Borderlands

2:15  Petra Creamer, Jason Ur and Rocco Palermo—Imperial Settlement Systems and Infrastructure: A Case Study on the Erbil Plain

2:30  Steven Rosen—Dissecting the Shrines: Exploring the Materials of Ancient Cult in the Negev

2:45  David Berikashvili—Landscape Archaeology of Samshvilde Former Settlement and the Adjacent Area (Georgia, South Caucasus)

3:00  Mitchell Allen—Visual Sistan: Archaeological Photographs and Landscape Change in Southwest Afghanistan in the Twentieth Century

[184]  **SYMPOSIUM: PEOPLING OF THE AMERICAS: EVIDENCE FROM WHITE SANDS NATIONAL PARK**

**Room:** Lake Ontario

**Time:** 1:00 p.m.–3:30 p.m.

**Chair:** Daniel Odess

**Participants:**

1:00  Vance Holliday, Brendan Fenerty, Kathleen Springer, Jeffrey Pigati and David Bustos—Late Pleistocene Geoarchaeology of White Sands National Park
1:15  Thomas Urban, Matthew Bennett, David Bustos and Daniel Odess—Geophysical Approaches to Pleistocene Footprints at White Sands National Park, New Mexico
1:30  Clare Connelly—Working with Our Tribal Partners to Document Fossil Cultural Resources
1:45  David Bustos, Matthew Bennett, Daniel Odess, Thomas Urban and Mark Isley—Developing an Early Warning System for the Effects of Increased Global Warming on Cultural Resources at White Sands National Park
2:00  Amber Kalush—Memory and Histories in Archaeology
2:15  Matthew Bennett, David Bustos, Thomas Urban and Sally Reynolds—The "Ichnological Revolution": The Contribution of White Sands National Park
2:30  Daniel Odess, Vance Holliday, Thomas Urban, Matthew Bennett and David Bustos—Some Implications of Recent Discoveries at White Sands National Park
2:45  Dennis O'Rourke—Discussant
3:00  Jennifer Raff—Discussant
3:15  Questions and Answers

[185]  SYMPOSIUM  NEW PERSPECTIVES ON HUMAN-ENVIRONMENT INTERACTIONS IN ANCIENT CHINA
   Room: Astoria Room
   Time: 1:00 p.m.–4:00 p.m.
   Chairs: Yahui He and Jiajing Wang

Participants:
1:00  Yahui He—Plant Food Exploitation in the Borderland Region of North China during the Early Neolithic Period
1:15  Katherine Brunson and Brian Lander—Deer and Humans in Early North China: From Symbiosis to Scarcity
1:30  Jiajing Wang—Human-Animal Relationship during the Longshan Culture: A Case Study of Kangjia
1:45  Matthew Chastain—Geological Influence on the Development of Ancient China's Bronze Industries
2:00  Yuyang Wang—Understanding Organic Material Processing in the Yiluo Region with Methods of Experimental Archaeology
2:15  Xin Su and Qiushi Zou—Underwater Exploration: A New Understanding of the Environment and Landscape of the Panlongcheng Site (1500–1300 BC) in Hubei Province, China
2:30  Ran Chen—Exploring the Use of Microliths in the Early Chinese Neolithic: A Functional Study Based on Use-Wear Analysis and Residue Analysis
2:45  Jingbo Li, Xianglong Chen, Jianrong Chong, Xingshan Lei and Li Liu—Foodways in the Early Zhou Capital: Residue and Isotope Study of the Zhouyuan Site (~3000 yr BP) in Shaanxi, China
3:00  Rong Fan—Settling Down in a Rich Environment: Reconstructing Energy Expenditure from the Human Skeletal Remains at the Jiahu and Beiqian Sites
3:15  Yufeng Sun—Plant Stable Isotope Analysis Reveals the Water Management Strategies of Wheat and Barley in Early China

3:30  Yung-ti Li, Changping Zhang, Zhuo Sun and Qiu-shi Zou—Colony or Hegemonic Center? Repositioning Panlongcheng to Its Regional Context

3:45  Xinyi Liu—Effects of Novel Environments on Domesticated Species: A Case of the Hexi Corridor

[186] Symposiun Recent Research in African Archaeology
(Sponsored by Society of Africanist Archaeologists)
Room: Marquette Room
Time: 1:00 p.m.—4:00 p.m.
Chair: Abigail Stone

Participants:
1:00  Maryke Horn, Dominic Stratford, Stefania Merlo and Kathleen Kuman—Legacy Assemblages of Hominin Fossils and Stone Tools Analyzed in a Three-Dimensional GIS Context: Clarifying the Stratigraphic Boundary between Member 4 and Member 5 of the Sterkfontein Caves, South Africa

1:15  Sara Watson, Tamara Dogandžić and Nicolas Zwyns—Bladelet Production in Howiesons Poort: A View from Montagu Cave, South Africa

1:30  Elena Skosey-LaLonde, Ana Gomes, Mussa Raja, Roxane Matias and Nuno Bicho—Modern and Paleoenvironmental Conditions of the Inhambane Bay Mangroves in Iron Age Southern Mozambique

1:45  Steven Brandt, Mica Jones, David Ruiz Menjivar, Michaela Zewdu Tizazu and Osman Yusuf Mohamed—Buur Hopping in the Eastern Horn of Africa: Inselbergs as Late Pleistocene to Mid-Holocene Islands of Resiliency, Risk, Stability, and Refuge for Hunter-Gatherer Populations of Southern Somalia

2:00  Steven Goldstein, Natalie Mueller, Anneke Janzen, Emmanuel Ndiema and Nicole Boivin—Evidence for Early Domesticated Cattle and Finger Millet (Eleusine coracana) at Kakapel Rockshelter, Western Kenya

2:15  Natalie Mueller, Steven Goldstein, Rita Dal Martello, Emmanuel Ndiema and Nicole Boivin—Archaeobotanical Remains from Kakapel Rockshelter, Western Kenya

2:30  Lorraine Hu—Landscapes of Memory and Cremation Practice in the Pastoral Neolithic of Kenya

2:45  Questions and Answers

3:00  Eréndira Quintana Morales, Oliver Craig, Mary Prendergast, Sarah Walshaw and Christina Cartaciano—Diet, Economy, and Culinary Practices at the Height of Precolonial Swahili Urbanism

3:15  Paige DeVos and Abigail Chippas Stone—Diet, Mobility, and Identity in an Ancient West African Urban Landscape: Isotopic Analysis of Human Tooth Enamel from Jenné-jeno, Mali

3:30  Dana Drake Rosenstein and Cameron Gokee—First Results Dating Ceramics from the Bandafassi Region, Southeastern Senegal, Using Thermoluminescence
3:45  Sidy Ndour—Impact of the Atlantic Expansion at Baol (ca. 1450–1900): The Case of Lambaye

[187]  SYMPOSIUM  RECENT ADVANCES IN LITHIC ANALYSIS
Room: Boulevard B
Time: 1:00 p.m.–4:00 p.m.
Chair: Metin Eren

Participants:
1:00  Armando Falcucci, Fotios Karakostis, Dominik Göldner and Marco Peresani—Identifying and Quantifying Morphological Separation between Blade and Bladelet Productions through 3D Shape Analysis
1:15  Arturo de Lombera-Hermida, Geoffrey Clark, Xosé-Pedro Rodríguez-Álvarez and Ramón Fábregas Valcarce—Raw Material Constraints and the Organization of Technology: The Management of Quartz and Quartzite by the Upper Paleolithic and Epipaleolithic Foragers of West Cantabria
1:30  Metin Eren, Michelle Bebber, Briggs Buchanan, Alastair Key and Stephen Lycett—Antarctica as a “Natural Laboratory” for Conchoidally Fracturing Rock
1:45  Lawrence Mukusha, Michelle Bebber, Briggs Buchanan, Alastair Key and Metin Eren—Aluminum as a Substitute for Chert in Prehistoric Ballistics Research
2:00  Renata Araujo, Mercedes Okumura and Astolfo Araujo—Geometric Morphometrics on the Spot! When Artifact Shape Tells Us More of Lithic Variability
2:15  Lachlan Kyle-Robinson and Geoffrey McCafferty—A Comparative Analysis of Nicaraguan Lithic Assemblages Found at the Sapoa Period Sites of Tepetate and El Rayo
2:30  Jim Railey—One More Look at the Bow and Arrow and “Expedient” Technologies
2:45  Mary Jane Berman and John Whittaker—Theorizing Bipolar Stone Tool Manufacture in Lucayan (Bahamian) Microlith Assemblages
3:00  Geoffrey Clark—The Deep Structure of the Archaeology of Deep Time
3:15  Letícia Correa and Astolfo Araujo—Lithic Variability in an Ecotone Area: The Case of São Paulo State
3:30  Kyle Freund, D. Craig Young, Lucas Martindale Johnson, Daron Duke and M. Kathleen Davis—What Is an Obsidian Source? Implications for Provenance Studies
3:45  David Harvey and Ryan Parish—Assessing the Feasibility of Reflectance Spectroscopy Methods to Differentiate Chert Raw Materials in the Hartville Uplift, Southeastern Wyoming
SYMPOSIUM IN MEMORY OF WENDY ASHMORE: LANDSCAPES OF MEANING, BIOGRAPHIES OF PLACE, AND ARCHAEOLOGIES OF COMPASSION, PART 2
Room: Lake Michigan
Time: 1:00 p.m.–4:15 p.m.
Chair: Eleanor King

Participants:
1:00 Patricia Urban—Living (in) the Past
1:15 Traci Ardren—Classic Maya Queen Warriors and Queer Theory: An Archaeology of Intimacy and Compassion
1:30 Marcello Canuto and Sarah Van Oss—In Their Copious Space Time: Considering Wendy Ashmore’s Principles of Settlement Pattern Analysis, Past and Present
1:45 Michelle Rich, David Freidel and Olivia Navarro-Farr—World-Making: Turtle Mountain and the Oracle of Waka’
2:00 Joel Palka—Waterscapes in Past and Present Maya Cultures at Mensabak, Chiapas, Mexico
2:15 Julia Hendon—Settlement, Households, and Landscapes: Wendy Ashmore and Maya Archaeology
2:30 K Anne Pyburn and Richard Wilk—A Change in the Landscape of Research
2:45 Eric Heller—From Landscapes to Virtualscapes: The Legacy of Wendy Ashmore in the Digital Age
3:00 Javier López Camacho and Kenichiro Tsukamoto—Journey to the City of Arts: Spatial Experiences and Emulation of Architectural designs at El Palmar, Mexico
3:15 Lisa DeLance and Gary Feinman—Framing Complexity: New Considerations from Formative Mesoamerica
3:30 Richard Leventhal—From Settlement Patterns to Biographies of Space: New Directions
3:45 Thomas Patterson—Discussant
4:00 Edward Schortman—Discussant

SYMPOSIUM REEXAMINING THE ANDEAN MIDDLE HORIZON FROM THE BOTTOM UP
Room: Williford Room B
Time: 1:00 p.m.–4:45 p.m.
Chairs: Francesca Fernandini and Veronique Belisle

Participants:
1:00 Veronique Belisle—Discussant
1:15 Stephen Berquist—Breaking the Gridlock: Interrogating the Significance of Orthogonal Planning in the Andes and Beyond
1:30 Solisiré Cusicanqui, Ricardo Alburquerque, Percy Garcia, Jose Bello and Sadie Weber—Apu Rumitiana o Colina Santa Apolonia: Memoria y continuidad cultural en la Sierra Norte del Perú (450-850 dC)
1:45 Edgar Bracamonte Lévano—Mochica, Cajamarca y Wari en el valle de Lambayeque: Encuentros rituales públicos en Santa Rosa de Pucalá
2:00 Luis Muro—From Discrete Frontiers to Cross-Cutting Religious Networks: Religious Monuments and Cultural Syncretism in Peruvian North Coast and Highland, Ninth to Eleventh Centuries AD
2:15 Francesca Fernandini—Deconstructing the Middle Horizon in the Central and South-Central Coast
2:30 Lady Santana Quispe, David Beresford-Jones, Lauren Cadwallader and Susana Arce Torres—El tránsito del periodo Horizonte Medio al Intermedio Tardío en Samaca, Valle Bajo
2:45 Nils Sulca Huarcaya—Fuera de la Metrópoli: Una visión de las sociedades rurales en el departamento de Huancavelica durante el periodo del Horizonte Medio
3:00 Hubert Quispe-Bustamante—Elites Wari y Elites Cusqueñas: Comportamientos Funerarios durante el periodo Horizonte Medio
3:15 David Reid—A Bottom-up Perspective on Middle Horizon Road Waystations and Their Relation to the Wari State in Southern Peru
3:30 Patricia Knobloch—Middle Horizon Players on the Wari Stage: Experimenting with Authority in the Andean World
3:45 Jeffrey Splitstoser and Jon Clindaniel—Color in Wari and Inka Khipus
4:00 Questions and Answers
4:15 John Topic—Discussant
4:30 Carla Hernández Garavito—Discussant

[190] Symposium: How Will COVID-19 Shape the Future of Public Archaeology?
(Sponsored by Public Education Committee; Teaching Archaeology Interest Group)
Room: Williford Room A
Time: 1:00 p.m.—5:00 p.m.
Chairs: Elizabeth Reetz and Stephanie Sperling

Participants:
1:00 Meredith Langlitz and Ben Thomas—Online Activities and Content, Networking, and the Importance of Community: Lessons from Presenting Public Programs in a Pandemic
1:15 Bernard Means, Ashley McCuistion and Mariana Zechini—Can’t Touch This: 3D Archaeology and Public Outreach during a Global Pandemic
1:30 Stephanie Sperling—Innovate, Adapt, and Pivot: Creating Flexible Public Programming during a Global Pandemic
1:45 Tayler Hasbrouck and Tyson Hughes—From the Landscape to the Living Room: Making Public Archaeology Virtual
2:00 Andrea Freeman—Employing Digital Technologies at Archaeological Sites for Education and Tourism
2:15  Angela Labrador—Revolutionary Past Meets Digital Future: Going Virtual with Place-based Teacher Training
2:30  Jordan Dalton, Bryan Núñez Aparcana, Mary Avila Peltroche and Sol Donayre Pachas—Community Archaeology in Peru during COVID: Taking a Site-based Approach Digital
2:45  Elizabeth Reetz—An Overview and Assessment of Virtual Object-based Archaeology Programming for Older Adults in Senior Living Communities
3:00  Rebecca Simon—“PAAC Tales”: The Past, Present, and (Hopefully) Future of the Program for Avocational Archaeological Certification
3:15  Genevieve Woodhead and Asia Alsgaard—Helping Hands and Hands-On Learning
3:30  Rebecca Dean—Stuck in the Middle (of Nowhere) with You: How the COVID Disruption Brought Educational Opportunities to Rural Minnesota
3:45  Kirsten Vacca—Community-based Participatory Research in the Era of COVID-19
4:00  Jeanne Moe and Samantha Kirkley—Voices of the Ancients: Providing Safe, In-Person Teacher Workshops during a Global Pandemic
4:15  Sarah Miller—Discussant
4:30  Elaine Franklin—Discussant
4:45  Questions and Answers

[191]  **SYMPOSIUM NESHER RAMLA HOMO: THE BEHAVIOR AND LANDSCAPE OF A MIDDLE PALEOLITHIC HUMAN GROUP IN THE LEVANT**
  **Room:** Joliet  
  **Time:** 1:00 p.m.–5:00 p.m.  
  **Chairs:** Yossi Zaidner and Reuven Yeshurun

**Participants:**

1:00  Yossi Zaidner—Nesher Ramla Site, Late Middle Pleistocene Homo Behavior, and Modern and Archaic Homo Interactions in the Middle Paleolithic
1:15  Hila May, Rachel Sarig, Cinzia Fornai, Gerhard Weber and Israel Hershkovitz—Nesher Ramla Homo: A New Middle Pleistocene Paleodeme
1:30  Norbert Mercier, Christophe Falgueres, Yossi Zaidner and Israel Hershkovitz—Chronology of the Paleolithic Site of Nesher Ramla (Israel) Based on Radiometric Methods, Part 1
1:45  Christophe Falgueres, Norbert Mercier, Maïlys Richard, Olivier Tombret and Yossi Zaidner—Chronology of the Paleolithic Site of Nesher Ramla (Israel) Based on Radiometric Methods, Part 2
2:00  Gideon Hartman and Chen Zeigen—Climate Conditions during Human Occupation of the Middle Paleolithic Levantine Site of Nesher-Ramla, Israel: Evidence from Seasonal Isotope Data Measured in Cattle Teeth
2:15 Ethel Allué—Woody Vegetation and Firewood at Nesher Ramla: A Contribution from the Charcoal Analyses
2:30 Midori Intrator—Equids in the Levantine Middle Paleolithic: The Case of Nesher Ramla
2:45 Florent Rivals—Dental Meso- and Microwear of the Aurochs from Nesher Ramla: Paleocoeological and Archaeological Implications
3:00 Meir Orbach—Death by the Water Hole: The Nesher Ramla Upper Units Faunal Assemblages
3:15 Oz Varoner, Ofer Marder, Meir Orbach, Reuven Yeshurun and Yossi Zaidner—Lithic Provisioning Strategies at the Middle Paleolithic Open-Air Site of Nesher Ramla, Israel: A Case Study from the Upper Sequence
3:30 Reuven Yeshurun, Hila May and Kathryn Crater Gershtein—Nesher Ramla Unit III: An Aurochs Mass Hunting Site?
3:45 Marion Prévost—Use of Space and Site Function(s) in Unit III of the Middle Paleolithic Open-Air Site of Nesher Ramla, Israel
4:00 Zohar Turgeman-Yaffe—The Organization of the Hunt in the Middle Pleistocene Levant: Unit V in Nesher Ramla, Israel
4:15 Laura Centi and Francesco Valletta—To Err Is Human: Assessing Patterns of Knapping Expertise along Nesher Ramla Upper Sequence (Israel), ca. 120–80 ka BP
4:30 Eduardo Paixao, Joao Marreiros, Laure Dubreuil, Walter Gneisinger and Marion Prévost—The Middle Paleolithic Ground Stone Tools of Nesher Ramla Unit V (Southern Levant): A Multiscale Functional Analyses
4:45 Jelissa Kollaard and Laure Dubreuil—Functional Variation within Middle Paleolithic Ground Stone Tools: Use-Wear Analysis of Ad Hoc Limestone Tools from Units I–II at Nesher Ramla

Room: Boulevard C
Time: 1:00 p.m.–5:00 p.m.
Chairs: George Lau, Gabriell Prieto and Ivan Ghezzi

Participants:
1:00 George Lau, Ivan Ghezzi, Sabine Hyland and Gabriel Prieto—Toward a More Perfect Horizon: Introductory Words and Perspectives on the Ancient Andes
1:15 Yuji Seki—Public Architectures and Social Integration in the Early Formative Period
1:30 Jason Nesbitt—Were There Secret Societies in the Initial Period?
1:45 Michelle Young and Nicholas Brown—The Origins of Civilization in the Central Andean Highlands: Contextualizing Atalla and Chawin Punta within the Chavin Phenomenon
2:00 Yuichi Matsumoto—Identifying “Branch Shrine” in the Chavin Interaction Sphere
2:15  Jorge Silva and Cecilia Ysabel Jaime Tello—The Huacoy Architectural Complex and Its Political Significance in the Chillón Valley, Central Coast of Peru, during the Formative Period

2:30  Jeffrey Quilter—Ancient Nose Ornaments

2:45  Michael Glascock and Rodrigo Loyola—Once Upon a Time: Obsidian Circulation during the Early Peopling of the Atacama Desert

3:00  Lisa Trever—Art, Archaeology, and the Matter of Time in the Early Andes

3:15  Lars Fehren-Schmitz—From Chavin to Machu Picchu: Paleogenomic Insights into the Population History of the Central Andes

3:30  Henry Tantaleán—Los Paracas y las esferas de interacción

3:45  Warren Church—Terminal Prehispanic Occupations at Gran Pajatén in Peru’s Northeastern Andean Cloud Forest

4:00  Krzysztof Makowski—Pachacamac and the Andean Empires

4:15  Sergio Chavez—The Strength of Stone: A Case of Aymara Psychotherapy on the Copacabana Peninsula, Bolivia

4:30  Helaine Silverman—The Inca in the Plaza

4:45  Questions and Answers

[193]  **Symposium**: Unstable Bodies: Integrating Chemical Isotopes and Critical Theory in Bioarchaeology

* (Sponsored by Bioarchaeology Interest Group [BIG])

**Room**: PDR #2

**Time**: 1:30 p.m.–4:30 p.m.

**Chairs**: Sara Juengst and Matthew Velasco

**Participants**:

1:30  Matthew Velasco, Tiffiny Tung and John Krigbaum—From Group Boundaries to Embodied Subjectivities: Theorizing Cranial Modification and Isotopic Variation in the Ancient Andes

1:45  Sara Juengst, Abigail Bythell, Emilie Cobb, Zindy Cruz and Richard Lunniss—Sand, Stone, and Sea: A Mortuary and Bioarchaeological Investigation of Identity and Ontology at Salango, Ecuador (BCE 100–300 CE)

2:00  Julie Wesp, Melanie Miller, Daniela Trujillo Hassan, Lucero Aristizabal Losada and Felipe Gaitán Ammann—Heavenly Meals and Humble Hearts: An Isotopic Approach to Jesuit Foodways in Spanish Colonial New Granada and Early Republican Colombia

2:15  Sofía Pacheco-Forés—Beyond “Nonlocal”: Biogeochemical and Morphological Approaches to Examining Diverse Migrant Experiences in Epiclassic Central Mexico

2:30  Melanie Miller, Siân Halcrow, Yu Dong, Kate Pechenkina and Wenquan Fan—Caretakers as Creators: Gendering Children through Diet in Ancient China

2:45  Chin-hsin Liu—From Points to Spectra: Reconnecting the Biological and Social Lives of an Individual in Early Central Thailand
3:00  Ayushi Nayak—From the Land to the Body: Interpreting Multi-material Stable Isotope Data Using Integrative Indigenous Approaches
3:15  Megan Perry—“Foreigners,” “Nonlocals,” “Immigrants”: Aligning Isotopic Values and Community Identity at Petra, Jordan
3:30  Michele Buzon and Kari Guilbault—Exploring Intersectional Identities and Geographic Origins at Tombos, Nubia
3:45  Jennifer Marla Toyne, Donovan Adams, Andrea Rimpf, Mario Caric and Mario Novak—Dietary Patterns Can Be “Fuzzy”: An Exploration of Stable Isotope Data from Late Avar Period Šarengrad, Croatia, to Explore the Complexity of Community Identity
4:00  Bethany Turner—Discussant
4:15  Pamela Geller—Discussant

[194] Symposium Advances in Archaeological Research in the Moquegua Valley I: Archaic, Formative, and Middle Horizon
Room: Boulevard A
Time: 2:00 p.m.–4:30 p.m.
Chair: Kirk Costion
Participants:
2:00  Mark Aldenderfer—Programa Contisuyo and the Archaic Period in the South-Central Andes
2:15  Paul Pluta—Thirty Years of Research on the Archaic Period in Coastal Moquegua, Peru
2:30  Monika Barrionuevo Alba—Del mar a la eternidad: Los artefactos de concha del sitio Kilómetro 4, Ilo, Perú
2:45  Kirk Costion and Monika Barrionuevo Alba—Community Reorganization and Ancestor Veneration in a Newly Colonial Landscape: An Offering to a Disturbed Huaracane Ancestor at Yahuay Alta during the Early Middle Horizon (~AD 600–800)
3:00  Matthew Biwer and Donna Nash—A Paleoethnobotanical Investigation of Food and Status at Cerro Baúl
3:15  Donna Nash—Discussant
3:30  Sara Becker—Moquegua Valley Labor: Before, during, and after Tiwanaku Colonization (AD 600–1000)
3:45  Charles Stanish—Discussant
4:00  Robert Feldman—Discussant
4:15  Susan deFrance—Discussant
FORUM: EMERGENT ISSUES IN INDIGENOUS ENGAGEMENT: A CONVERSATION WITH THE SAA TASK FORCE ON DECOLONIZATION
Room: Continental C
Time: 3:00 p.m.—5:00 p.m.
Moderators: Patricia McAnany and George Nicholas
Participants:
Margaret Conkey—Discussant
Randall McGuire—Discussant
Lindsay Montgomery—Discussant
Larry Zimmerman—Discussant
Chip Colwell—Discussant
Dorothy Lippert—Discussant

SYMPOSIUM: COLLABORATIVE AND COMMUNITY ARCHAEOLOGY
Room: Conference Room 4D
Time: 3:00 p.m.—5:00 p.m.
Chairs: Kevin Nolan and Charles Bello
Participants:
3:00 Kevin Nolan—Discussant
3:15 Carolyn Dillian, Katie Stringer Clary, Jesse Morgan, Cheryl Cail and Harold Hatcher—Collaboration with Non-Federally Recognized Tribes: The Waccamaw Indian People Exhibit at the Horry County Museum, South Carolina
3:45 Brian Byrd and Monica Arellano—Community-based Archaeology at Sii Túupentak in the San Francisco Bay Area: Integrated Perspectives on Collaborative Research at a Major Native American Settlement
4:00 Debra Corbett, Robert Bearheart and Norma Johnson—Kenaitze Indian Tribe Susten Camp: Pathway to the Future
4:15 Timothy Everhart, Jeremy Turner, Talon Silverhorn and Bret Ruby—A Collaborative Contextual Approach to Scioto Hopewell Elk Canine Pendants
4:30 Amy Phillips and Kenneth Cannon—Bison of the Bighorn Basin Project
4:45 Elizabeth Hoag—Public Archaeology and Engagement in Shaker Heights, Ohio: Past, Present, and Future

SYMPOSIUM: CULTURAL RESOURCE MANAGEMENT AND CONSERVATION IN NORTH AMERICA
Room: Lake Huron
Time: 3:30 p.m.—5:00 p.m.
Chair: Ryan Seidemann
Participants:
3:30  Stefan Brannan—Current Issues and Future Directions in the Successful Implementation of Radiocarbon Dating to Cultural Resource Management Projects in the United States
3:45  Dominique Alhambra and Baylee Hughes—Making Order from Disorder: How Rehousing Can Transform Access to Archaeological Collections
4:00  Kaitlyn Eldredge and Jason Church—Cleaning Methods for the Removal of Wildland Fire Chemicals from Cultural Resources and Steps to Prepare for Future Fires
4:15  Shelby Manney and Michael Heilen—Restoring Living Landscapes through Integration of Cultural and Natural Resource Management
4:45  Ryan Seidemann and Christine Halling—Dirt for Sale: Desecration, Site Disturbance, or Insignificant Gimmick? The Archaeological and Legal Implications of “Cemetery Dirt” Sale Offerings on eBay

[198]  **Symposium: Using Isotopes and Residues to Investigate Climate and Foodways**
*Room:* Williford Room C
*Time:* 3:45 p.m.–5:00 p.m.
*Chair:* Rick Schulting

Participants:
3:45  Catherine Cooper, Michael Richards, Martha Cooper and Johanna Schmitt—Geographic and Seasonal Variation in δ13C Values of C3 Plant Arabidopsis thaliana: Archaeological Implications
4:00  Matthew Veres, Suzanne Pilaar Birch and Robert Kelly—Searching for Environmental Signatures: Stable Isotopes from Faunal Bone Collagen at Alm Shelter, Wyoming
4:15  Rick Schulting, Marine Caldarola, Andrea Czermak, Olga Goriunova and Andrzej Weber—First Isotopic Evidence for Iron Age Pastoralists in Cis-Baikal, Southern Siberia
4:30  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
4:45  Joanne Mack, John Fagan, Mark Swisher and Cam Walker—A Pilot Study to Determine Protein Residue on Low-Fired Ceramic Sherds

[199]  **Symposium: New Discoveries in the Maya Postclassic**
*Room:* Lake Erie
*Time:* 3:45 p.m.–5:00 p.m.
*Chair:* Elizabeth Paris
Participants:
3:45 Elizabeth Paris, Roberto López Bravo and Gabriel Laló Jacinto—The Founding of Tenam Puente, Chiapas, México: Early Public Spaces in a Highland Maya City
4:00 Ramon Folch—Postclassic Sites in the Tepuncuapan Area: A Preliminary Approach
4:15 Cynthia Hannold, Clara Alexander, Sandra Balanzario Granados and Alexandre Tokovinine—"Fat one for the priest": A Comparison of Classic Maya Graffiti from Sealed and Accessible Buildings
4:30 Edgar Carpio—Análisis comparativo de puntas de flecha en varios sitios del área maya
4:45 Jennifer Meanwell, Elizabeth Paris and Roberto López Bravo—Scientific Investigations of Greenstone Acquisition and Use in the Jovel Valley, Chiapas, Mexico

[200] Symposium South American Archaeology and Geoarchaeology
Room: Continental A
Time: 3:45 p.m.–5:00 p.m.
Chair: Mauricio Uribe

Participants:
3:45 Augusto Bazán Pérez and Jose Alva—Dating the Mochica Occupation at Huaca Cao Viejo
4:00 Mauricio Uribe, Camila Riera-Soto, Javiera Gajardo and Petrus Le Roux—Ingredients for Andean Pottery Traditions: Petrography and Geochemistry of the Ceramics Paste in Iluga Túmulos (Tarapacá, Northern Chile)
4:15 Mark Robinson—"Moving South": Late Pleistocene Plant Exploitation in the Colombian Amazon
4:30 Rocío López—Fire, Citations, and the Making of Place: The Earth Mound Landscape of Eastern Uruguay
4:45 Heidi Luchsinger—Late Holocene Reoccupation of Abandoned River Channels: Geoarchaeology of the Middle Rio Negro, Northern Patagonia, Argentina

[201] Symposium Recent Research in Mesoamerica
Room: Continental B
Time: 3:45 p.m.–5:00 p.m.
Chair: Victor Salazar Chávez

Participants:
3:45 Esther Aguayo, Nawa Sugiyama, Yen-Shin Hsu and Christine France—Teotihuacan and the Missing Staple: An Analysis of Deer Use at Plaza of the Columns Complex
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<thead>
<tr>
<th>Time</th>
<th>Speaker(s)</th>
<th>Title</th>
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<tbody>
<tr>
<td>4:00</td>
<td>Stephanie Lozano</td>
<td>Understanding the Teotihuacan Tlaloc through Relational Ontology</td>
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<tr>
<td>4:15</td>
<td>Yamile Lira-Lopez</td>
<td>La cultura material de una unidad habitacional del periodo Clásico en el Valle de Maltrata, Veracruz</td>
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<tr>
<td>4:30</td>
<td>Virginia Arieta Baizabal and Ann Cyphers</td>
<td>Arqueología del pasado reciente: El caso de las esculturas Olmecas de Antonio Plaza, Veracruz</td>
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<td>4:45</td>
<td>Victor Salazar Chávez and Jeffrey Blomster</td>
<td>It IS Agriculture: Highland Perspectives on Maize Agriculture before 1000 cal BCE</td>
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**[202]** **Symposium: Archaeology of Caves and Rock Shelters**

*Room: PDR #3  
Time: 4:00 p.m.–4:45 p.m.  
Chair: Richard Niquette*

**Participants:**

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<tr>
<th>Time</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>4:00</td>
<td>Megan Harris</td>
<td>A Tale of Two Rockshelters: Preliminary Lithic Analysis from Two Rockshelters in the Similkameen Valley, BC</td>
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<tr>
<td>4:15</td>
<td>Jennifer McCrackan, Eric Weaver and Steve Baumann</td>
<td>Ice Cave Usage at El Malpais National Monument</td>
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<tr>
<td>4:30</td>
<td>Richard Niquette and Rolfe Mandel</td>
<td>Stratigraphy and Site Formation at San Esteban Rockshelter in the Big Bend Region of Southwest Texas</td>
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**[203]** **Symposium: Historic Food and Beverage in Eastern North America**

*Room: Conference Room 4M  
Time: 4:00 p.m.–5:00 p.m.  
Chair: Katherine Parker*

**Participants:**

<table>
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<tr>
<th>Time</th>
<th>Speaker(s)</th>
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<td>4:30</td>
<td>Gabrielle Purcell</td>
<td>Sustaining a Nation: Changes to Cherokee Foodways during Colonization</td>
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<td>4:45</td>
<td>Katherine Parker</td>
<td>Excavating Moonshine: An Overview of the Archaeological Applications of Still Site Research</td>
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Sunday Morning ■ April 3, 2022

[204] **SYMPOSIUM CAA-NA SESSION: EXPANDING COMPUTATIONAL AND DIGITAL METHODS IN ARCHAEOLOGY**  
*(Sponsored by CAA-NA)*  
**Room:** PDR #3  
**Time:** 8:00 a.m.—9:15 a.m.  
**Chairs:** Heather Richards-Rissetto and Stefan Woehlke  
**Participants:**  
8:00  Kristin Landau—Documenting Los Sapos: Traditional, Digital, and Collaborative Methods toward Conservation  
8:15  V. Camille Westmont—The Power in the Landscape: Using Remote Sensing to Identify Features of Control within the Lone Rock Convict Stockade Landscape  
8:30  Stefan Woehlke—The Seen and Unseen: The Dynamic Visualscape of African Americans in Slavery and Freedom  
8:45  Benjamin Carter, Jeff Blackadar and Weston Conner—Reassessing Relict Charcoal Hearths Identified in Pennsylvania by Artificial Intelligence and Cluster Analysis  
9:00  Benjamin Davies, David Braun, Matthew Douglass, Mitchell Power and J. Tyler Faith—Model-based Approaches to Time-Averaged Hominin Lithic Assemblages at Elandsfontein, South Africa

[205] **SYMPOSIUM RUINATION AND EMERGENT FUTURES: ARCHAEOLOGICAL PERSPECTIVES ON LANDSCAPES OF INSECURITY**  
**Room:** Boulevard B  
**Time:** 8:00 a.m.—9:15 a.m.  
**Chair:** Meredith Reifschneider  
**Participants:**  
8:00  Haeden Stewart—Representing Horror and Hope in Postindustrial Ruins  
8:15  Meredith Reifschneider—The “Last Free Place”: Ruination and Sustainable Futures at the Salton Sea  
8:30  Amanda Gaggioli—Discovering a Catastrophic Day: The 373 BCE Helike, Greece, Earthquake and Its Aftermath in Cultural Memory and the Socio-natural Landscape  
8:45  Carolyn White—The Ruins of False Promises: Land Reform, Abandonment, and Heritage in Southern Italy  
9:00  Adam Fracchia—Behind the Curtain of Ruin: Exploring the Many Meanings and Uses of Baltimore’s Urban Landscape
[206] **Symposium: New Directions in Microdebitage Analysis**  
**Room:** Conference Room 4D  
**Time:** 8:00 a.m.–9:30 a.m.  
**Chairs:** Phyllis Johnson and Markus Eberl  
**Participants:**  
8:00 Markus Eberl, Michael McBride and Jesse Spencer-Smith—Identifying Lithic Microdebitage with Experimental Archaeology, Dynamic Image Analysis, and Machine Learning  
8:15 Amy Rieth, Markus Eberl, Phyllis Johnson, Charreau Bell and Jesse Spencer-Smith—Machine and Deep Learning Coding Methods Applied in the Identification of Microdebitage Particles  
8:30 Rebecca Estrada Aguila, Markus Eberl, Phyllis Johnson and Michael McBride—Testing Microdebitage Variability with Statistical Analysis  
8:45 Phyllis Johnson, Markus Eberl, Charreau Bell and Jesse Spencer-Smith—Using Tiny Artifacts to Answer Big Questions: Microdebitage and Ritual Spaces at the Classic Maya Capital of Tamarindito  
9:15 Isaac Ullah—Virtual Sampling Simulation Experiments for Training and Planning for Field-Collection of Microrefuse Samples

[207] **Symposium: Historical Ecology and Archaeology: Looking to the Past for Future Land Management**  
**Room:** Boulevard A  
**Time:** 8:00 a.m.–9:45 a.m.  
**Chairs:** Dale Earl, Nicholas Poister and Rebecca Baisden  
**Participants:**  
8:00 Dale Earl, Rebecca Baisden and Nicholas Poister—Historical Ecology and Archaeology: Looking to the Past for Future Land Management  
8:15 Nicholas Poister, Laura Baumann, Andrew Van Cleve and Steve Baumann—The El Malpais Lava Fields as a Bighorn Sheep Refugium in the Recent and Distant Past  
8:30 Rebecca Baisden, Dennis Carril and Dale Earl—Fire and Archaeology on the Jemez Ranger District of the Santa Fe National Forest  
8:45 Connie Constans—Historical Ecology and Archaeology in the Greater Yellowstone Ecosystem  
9:00 Jennifer Dyer—TEK-based Management and Shared Stewardship of a Cultural Landscape in Northern California  
9:15 Katherine Peck—Historical Ecology and Community Management: A Case Study from South Kohala, Hawai‘i Island  
9:30 Emily Lena Jones—Discussant
[208] SYMPOSIUM RECENT ARCHAEOLOGICAL INVESTIGATIONS IN THE NORTH AMERICAN SOUTHWEST
Room: Conference Room 4M
Time: 8:00 a.m.–9:45 a.m.
Chair: Daniel Perez

Participants:
8:00 Lindsay Johansson—Who Is Fremont? Evidence for Clustering, Cohesion, and Community among the Fremont of the Northern Southwest
8:15 Katie Richards—A Multiscalar Approach to Understanding Fremont through Painted Ceramics
8:30 Katherine Portman, Donna Glowacki and Sean Field—Is Bigger Data Better? Low- versus High-Resolution Dating Classifications in Mesa Verde National Park
8:45 Daniel Perez—Understanding Virgin Branch Social Dynamics in Light of New Chronometric Data from the Moapa Valley, Southern Nevada
9:00 Deborah Leishman and Jean Pike—Determination of Pueblo Bonito’s Function: A Quantitative Methodology
9:15 Sachiko Sakai—Examination of the Site History in the “Zip Code Site,” a Large Puebloan Site at Mt. Trumbull Area in the Arizona Strip
9:30 Jacqueline Fox and Travis Cureton—Recent Rediscoveries of Hohokam Multistory Architecture in the Phoenix Basin

[209] SYMPOSIUM BIOARCHAEOLOGY AND MORTUARY ANALYSIS IN MESOAMERICA
Room: Waldorf Room
Time: 8:00 a.m.–9:45 a.m.
Chair: Geoffrey McCafferty

Participants:
8:00 Geoffrey McCafferty and Sharisse McCafferty—Back to Camp Granada: The 2021 Field Season at El Rayo, Nicaragua
8:15 Erin Patterson—Reconstructing Ancient Diet: Stable Isotope Values from La Corona and El Perú-Waka
8:30 Gloria Hernandez-Bolio, Patricia Quintana, Michele Morgan, Andrew Scherer and Vera Tiesler—A Secret behind Dental Decoration of Ancient Maya: Organic Compositional Studies of Tooth Seals and Fillings
8:45 Angelina Locker, Fred Valdez Jr., Daniel Breecker and Catherine Schmidt—A Tale of Two Cities: Migration, Violence, and Collapse at Kichpanha and Colha, Northern Belize
9:00 Judith Ruiz and Yamile Lira—Afinidad biológica y prácticas mortuorias en Centro de Veracruz: Maltrata y Barriales de las Besanas
9:15 Éloi Bérubé—The Plants, the Dead, and Public Rituals at Monte Albán: Exploring Mortuary Offerings and Public Offerings through Paleoethnobotany
9:30 Sarah Loomis—Sacrifice and Mortuary Treatment in Western Mexico
[210] **SYMPOSIUM: RECENT RESEARCH IN BELIZE**  
**Room:** Continental C  
**Time:** 8:00 a.m.–9:45 a.m.  
**Chair:** Laura Levi  

**Participants:**  
- **8:00** Luke Stroth, Mario Borrero and Geoffrey Braswell—A New Ceramic Analysis from Nim Li Punit (AD 150/250 to 830+), Toledo District, Belize  
- **8:15** Matthew Longstaffe, Meaghan Peuramaki-Brown and Jillian Jordan—The Perils, (Borrow) Pitfalls, and Possibilities: Refining Chronologies of Residential Occupation and House Construction at the Classic Maya Townsite of Alabama, East-Central Belize  
- **8:30** Zachary Nissen—Investigating Commoner Households at the Ancient Maya City of Aventura, Belize  
- **8:45** Dominica Stricklin and Shane Montgomery—Comments on Methodologies and Comparison of Lowland Maya Population Estimates  
- **9:00** Laura Levi and Cady Rutherford—Ritual Encounters: Maya Classic Period Political Landscapes in Northwestern Belize  
- **9:15** Lauri Thompson and David Hyde—Evidence for Ritual Use at Two Hinterland Shrines at the Medicinal Trail Community  
- **9:30** Antonio Beardall—Lost in Translation: The Impact of Jargon on Dissemination

[211] **FORUM: SOUNDSCAPE ARCHAEOLOGY: SOUND AND EXPERIENCE IN HERITAGE RESEARCH**  
**Room:** Continental B  
**Time:** 8:00 a.m.–10:00 a.m.  
**Moderators:** Kristy Primeau and Miriam Kolar  

**Participants:**  
- David Witt—Discussant  
- Emily Brown—Discussant  
- Sarah Eyerly—Discussant  
- Jared Katz—Discussant  
- Joshua Kumbani—Discussant  
- Chester Liwosz—Discussant  
- Ruth Van Dyke—Discussant  
- Matthew Helmer—Discussant

[212] **FORUM: THE ROLE OF RESEARCH IN THE AGE OF DISASTER CAPITALISM**  
**Room:** Continental A  
**Time:** 8:00 a.m.–10:00 a.m.  
**Moderator:** Edith Gonzalez
Participants:
Isabel Rivera-Collazo—Discussant
Sophia Perdikaris—Discussant
Mark Hauser—Discussant

[213] SYMPOSIUM: ALL THINGS RECONSIDERED: NEW PERSPECTIVES ON FORAGER LOGISTICAL ORGANIZATION FROM ACROSS NORTH AMERICA
Room: PDR #2
Time: 8:00 a.m.–10:00 a.m.
Chair: Marion Coe

Participants:
8:00 Joshua Lynch—How I Broke This: A Use-Wear Analysis of Dalton Assemblages from Bluff Shelters in the Boston Mountains, Arkansas
8:15 Angela Gore—Wait Wait . . . Don’t Tool Me: Toolstone Provisioning in the Nenana Valley, Alaska
8:30 Jessi Halligan—Karst Talk: Late Pleistocene and Early Holocene Land Use in the Aucilla River Basin of Northwest Florida
8:45 Joshua Keene, Michael Waters and Elton Prewitt—Spear and Now: An Updated Projectile Point Chronology for Central Texas from the Hall’s Cave Site (41KR474)
9:00 Questions and Answers
9:30 Neil Puckett and Sunshine Thomas—This Lacustrine Life: A Predictive Model for Site Locations across the Walker Lake Basin
9:45 Sunshine Thomas and Neil Puckett—Bridgeline: Finding Buried Surfaces with Infrastructure Geotechnical Cores

[214] SYMPOSIUM: LESSONS FROM THE PAST: ARCHAEOLOGICAL INSIGHTS ON ENVIRONMENTAL, ECONOMIC, AND SOCIAL SUSTAINABILITY
Room: Williford Room C
Time: 8:00 a.m.–10:15 a.m.
Chairs: Aleksa Alaica and Morgan Windle

Participants:
8:00 Aleksa Alaica—Discussant
8:15 Lisa Janz—The Role of Pastoralism in Economic Stability and Sustainability: A View from Mongolia
8:30 Miriam Stark—Fragility, Resilience, and Long-Term History: The Case of Angkor
8:45 Lisa Maher—Lessons from Southwest Asia: Prehistoric Hunter-Gatherer Landscapes, Sustainability, and Transitions to Food Production
9:00  Ayushi Nayak—Discussant
9:15  Seth Price and Carlos Zapata Benites—Echoes of Then or Symptoms of Now: Raised Field Cultivation in North Coastal Peru
9:30  Amanda Brock Morales—Risk as a Factor in Sustainability: Long-Term Relationships between Settlement Patterns and Environmental Hazards in the Callejón de Huaylas, Peru
9:45  Daniel Plekhov, Parker VanValkenburgh, Carol Rojas Vega and Alexis Reátegui Díaz—The Sustainability of Agricultural Terraces: Three Scales of Evaluation from Chachapoyas, Peru
10:00  Daniel Contreras—Discussant

[215]  SYMPOSIUM: FRESH PERSPECTIVES ON THE ARIZONA TRANSITION ZONE
Room: Marquette Room
Time: 8:00 a.m.–10:45 a.m.
Chair: Christopher Caseldine

Participants:
8:00  Nicholas Kessler—Timing of Cliff Dwelling Construction in the Arizona Transition Zone: A Sinagua Study
8:15  Matthew Guebard, Angelyn Bass and Douglas Porter—Colored Plaster Washes in Central Arizona
8:30  Caitlin Stewart, Edlin De Santiago and Meredith Gilligan—A Methodological Case Study of Field Identification and Differentiation of Plain Ware in the Sierra Anchas of Arizona
8:45  Robert Bischoff—Projectile Point Networks in Tonto Basin during the Classic Period
9:00  Christopher Caseldine—Least Cost Paths and Movement in Tonto Basin, Central Arizona
9:15  John Welch—Are Spaces between Places Also Places? Ancient Trails, Regional Interconnectivity, Negative Data, and Experiential Landscape Archaeology in the Arizona Transition Zone
9:30  Scott Ingram—Understanding Past Climate-Related Migration for Our Warming World
10:00  Richard Ciolek-Torello—The Sierra Ancha: A Geographic Boundary and Cultural Frontier in the Arizona Transition Zone
10:15  Katherine Dungan—Local Flavor: Regional and Superregional Patterns in Roosevelt Red Ware in Central Arizona’s Tonto Basin
10:30  Patrick Lyons, Don Burgess, Virginia Johns and Marilyn Marshall—The Architectural Stratigraphy and Dating of Point of Pines Pueblo: Basic Facts that Underlie Complex Inferences Regarding Interaction between Locals and Immigrants
[216] SYMPOSIUM
RECONSIDERING THE ARCHAIC PERIOD IN THE AMERICAS
Room: Williford Room A
Time: 8:00 a.m.–10:45 a.m.
Chairs: Robert Rosenswig and Christopher Wolff
Participants:
8:00 Christopher Wolff—Is Maritime Archaic an Archaic Term? A Consideration of Terminology in Newfoundland and Labrador
8:15 Colin Grier—Between the Bookends: Persistence and Continuity in the Holocene History of the Northwest Coast of North America
8:30 María Nieves Zedeño, François Lanoë, Danielle Soza, Lucas Bond Reis and Lauren Bridgeman—Reimagining the Plains Archaic
8:45 Kenneth Sassaman—The End Is Not Near: An Archaic World-Renewal Perspective on Our Own Future
9:00 Questions and Answers
9:15 W. James Stemp, Jaime Awe and Gabriel Wrobel—Better Late Than Never: Current Understanding of the Preclassic in Western and Central Belize
9:30 Robert Rosenswig and Douglas Kennett—The Adaptive Mosaic of Mesoamerica’s Archaic Period
9:45 Daniel Sandweiss—The Central Andean Coastal Archaic?
10:15 Asa Randall—“The past is never dead; it’s not even past”: The Archaic Southeast in a Post-Archaic world
10:30 Amy Fox—Whose Tools: Broadpoint Typologies of Northeastern North America

[217] SYMPOSIUM
ADVANCES IN ARCHAEOLOGICAL RESEARCH IN THE MOQUEGUA VALLEY II: MIDDLE HORIZON, LATE INTERMEDIATE PERIOD, LATE HORIZON
Room: Joliet
Time: 8:00 a.m.–10:45 a.m.
Chair: Ulrike Green
Participants:
8:00 Matthew Sitek—Moquegua, a Tiwanaku Hub: Better Understanding Tiwanaku’s Multimodal Community Network in the Valles Occidentales
8:15 Maria Lozada—The Chiribaya Tradition: A Multidisciplinary Approach to the Reconstruction of a Coastal Señorío
8:30 Emily Schach and Jane Buikstra—Feeding the Dead at Chiribaya Alta: A Comparative Analysis of Mortuary Practices
8:45 Bruce Owen—How Arriving Second Affected Tumilaca–Chiribaya Multiethnicity in the Coastal Osmore Valley, Peru
9:00 Lizette Muñoz Rojas, Susan deFrance, Nicola Sharratt, Verónica Rosales Hilario and Alejandra Tazza Ulloa—Plants, Animals, and Pottery: Local
and Regional Interaction at Tumilaca la Chimba during the Late Intermediate Period

9:15 Richard Sutter and Nicola Sharratt—The More Things Change, the More They Stay the Same: Estuquina Ethnogenesis and Biodistance Results for the Late Intermediate Period (~AD 1250–1450), Moquegua, Peru

9:30 Ulrike Green—Community, Migration, and Cross-cultural Interactions: An (Attempted) Review of 30 Years of Archaeological Research in the Osmore Drainage

9:45 Jane Buikstra—Discussant

10:00 Sofia Chacaltana-Cortez—Discussant

10:15 Paul Goldstein—Discussant

10:30 Karen Wise—Discussant

[218] Symposi um on Internal Structure of Low-Density Urbanism

Room: Williford Room B
Time: 8:00 a.m.—11:00 a.m.
Chairs: Sarah Klassen and Roland Fletcher

Participants:
8:00 Adrian Chase—Urban Development in Settlement, Infrastructure, and Governance: Diachronic Changes at the City of Caracol, Belize
8:15 Alec McLellan and Elizabeth Graham—Lamanai through Time: Spatial and Temporal Dynamics of a Maya Center in Northern Belize
8:30 Claire Ebert, John Walden, Julie Hoggarth and Jaime Awe—Low-Density Urbanism, Sustainability, and Resilience in the Eastern Maya Lowlands
8:45 Jocelyne Ponce and Marcello Canuto—Diversity and Complexity across Settlement Densities at the Classic Maya Center of La Corona
9:00 Keir Strickland and Robin Coningham—Continuity and Change: A Preliminary Study of Post-“Collapse” Urbanism in Late Mediaeval Sri Lanka
9:15 Thuy Vo and Roland Fletcher—Extensive, Low-Density Settlement Patterns of the Vietnamese Cultural Tradition
9:30 Gyles Iannone, Scott Macrae and Kong Cheong—The Cityscape of Bagan, Myanmar: What We Know, What We Think We Know, and What We Would Like to Know about the Classical Burmese (Bamar) Capital
9:45 Alison Carter and Miriam Stark—Power, Prasat, and Periphery: Understanding Life in Provincial Angkor
10:00 David Brotherson—Angkor’s Encore: Demise, Transformation, and Residual Occupation of an Agrarian-Urban Complex
10:15 Roland Fletcher, Sarah Klassen, Ben Dharmendra, Paul Prevedoros and Scott Ortman—Scaling Effects in the Denser Occupation Areas of Greater Angkor: Patterns and Implications
10:30 Elizabeth Graham—Discussant
10:45 Scott Ortman—Discussant
[219] Symposium Early Cultural Resource Management Firms: Voices from the Past and Present
Room: Boulevard C
Time: 8:00 a.m.–11:00 a.m.
Chairs: John Douglass and Susan Chandler

Participants:
8:00 John Douglass and Susan Chandler—The Founding of Modern CRM Archaeology
8:15 Michael Moratto—INFOTECH Research Inc: A Pioneer CRM Firm
8:30 Donald Weir—Commonwealth Associates, Gilbert/Commonwealth, Commonwealth Cultural Resources Group and Commonwealth Heritage Group
8:45 Shelly Davis-King—Who Wudda Thunk CRM Could Be Profitable? One Woman’s Desire to Put Culture into Cultural Resource Management
9:00 W. Kevin Pape—The Art of Midair Construction: Building and Sustaining the Business of CRM through the Lens of Gray & Pape Inc.
9:15 Jeffrey Altschul—The Once and Future Promise of CRM
9:30 Susan Chandler—Alpine Archaeological Consultants: Leading the Way in Meaningful and Innovative Archaeological Research through CRM
9:45 William Doelle—Unfinished Business: Facilitating Synthetic Research by Expanding Access to Digital Databases
10:00 J. Joseph—Discussant
10:15 Sarah Herr—Discussant
10:30 T. J. Ferguson—Discussant
10:45 Lynne Sebastian—Discussant

[220] Symposium Mesoamerican Villages and Cities: Economic and Social Organization
Room: PDR #3
Time: 9:45 a.m.–11:45 a.m.
Chair: Bradford Andrews

Participants:
9:45 Karleen Ronnairo, Whitney Goodwin and Brandi MacDonald—Preliminary Findings of the Mixteca Alta Clay Survey and Ceramic Study (MACS) in the Nochixtlán Valley of the Mixteca Alta, Oaxaca, Mexico
10:00 Jeffrey Blomster and Victor Salazar Chávez—Sport, Ritual, and Cuisine: Differentiating Quotidian and Public Space in Early Formative Oaxaca
10:15 Lane Fargher and Marc Marino—The Political-Economy of Polychrome Pottery in Late Postclassic Tlaxcallan, Mexico
10:30 Rachel Horowitz—Economic Integration and Obsidian Consumption in the Late Postclassic Period K’iche’ Region
10:45 Natalia Moragas, Alessandra Pecci and Maria Torras—Living among the Ruins of the City of Teotihuacan, Mexico
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<td>11:00</td>
<td>Stephen Whittington and Soren Frykholm—Spatial Analysis of Chiyo Cahnu (Teozacoalco), Oaxaca</td>
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<td>11:15</td>
<td>Bradford Andrews—Imperial Impacts: Calixtlahuaca’s Stone Tool Economy before and after Aztec Conquest</td>
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<td>11:30</td>
<td>Lorena Medina Martínez—Contact Period Architecture in the Sixteenth-Century Capital of New Spain</td>
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**SYMPOSIUM: Conducting Paleoindian Archaeology in the Submerged Caves of the Yucatan Peninsula**

*Room*: Boulevard B  
*Time*: 9:45 a.m.–12:00 p.m.  
*Chairs*: James Chatters and Dominique Rissolo

**Participants:**

- **9:45**  

- **10:00**  
  Samuel Meacham, Julien Fortin, Wetherbee Dorshow, Christophe Le Maillot and Fred Devos—From Underwater Cave Survey in Yucatan, Mexico, to Geographical Information System (GIS): Concrete Case Study and Replicable Workflow Linking Data Acquisition to Scientific Data Exploitation

- **10:15**  
  Eduard Reinhardt, Brandi MacDonald, James Chatters, Samuel Meacham and Dominique Rissolo—Paleoindian Ochre Mines in the Submerged Caves of the Yucatan Peninsula, Quintana Roo, Mexico

- **10:30**  
  Vid Petrovic, James Chatters, Dominique Rissolo, David Zollinger and Blaine Schubert—Combining Virtual and Physical Fieldwork: The Recovery of a Submerged Ground Sloth Synsacrum from Hoyo Negro

- **10:45**  
  Alberto Nava, Alejandro Alvarez, Roberto Chavez Arce, Samuel Meacham and Helena Barba Meinecke—Skeletons Recovery Technique for Deeper Underwater Caves

- **11:00**  
  Diana Arano Recio, Keila Bredehoeft, Dominique Rissolo, Alberto Nava Blank and Helena Barba Meinecke—Archaeological Conservation in the Submerged Caves of the Yucatan Peninsula: The Case of Prehistoric Human and Faunal Remains in Hoyo Negro, Mexico

- **11:15**  
  Barrett Rock and James Chatters—Analysis of Wood Cellular Structure in Early Holocene Charcoal Fragments from the Yucatan Reveals Post-Glacial Human Activity and Forest Composition

- **11:30**  
  James Chatters, Patricia Beddows, Eduard Reinhardt, Juan Pablo Bernal and John Southon—Radiometric Dating in the Submerged Caves of the Yucatan Peninsula

- **11:45**  
  Questions and Answers
SYMPOSIUM
ARCHAEOLOGICAL RESEARCH IN CALIFORNIA
Room: Conference Room 4D
Time: 10:00 a.m.—11:30 a.m.
Chair: Edward Jolie
Participants:
10:00 Kristin Hoppa and Jennifer Perry—Scorpion after the Fire: Understanding Prehistoric Land Use on Eastern Santa Cruz Island
10:30 Mikael Fauvelle and Andrew Somerville—Diet, Status, and Social Change in Southern California Fisher-Hunter-Forager Communities: Bayesian Mixing Modeling of Stable Isotope Values
10:45 Paul Buckner—Small-Seed Specialization at Upper Elevations in the Southern Cascade Mountains: Spatial Modeling of Ground Stone Technology in Lassen Volcanic National Park, California
11:00 Edward Jolie—Textile Impressions in California Archaeology: Analytical Considerations and Research Potential
11:15 Caitlin Bishop—Archaeological Investigations of “Alaska” at Tule Lake Segregation Center in Northeastern California

SYMPOSIUM
THEORIZING CHRONOLOGY AND COLONIALISM:
KEEPING TIME IN SIXTEENTH- THROUGH NINETEENTH-CENTURY INDIGENOUS NORTH AMERICA
Room: Boulevard A
Time: 10:15 a.m.—12:00 p.m.
Chair: Megan Conger
Participants:
10:15 Megan Conger—Can Chronology Colonize the Past? A Sixteenth-Century Iroquoian Example
10:30 Edgar Alarcón Tinajero—Amid Plague and Conquest: Assessing Community Continuity in Early Colonial San Gregorio Atlapulco through Radiocarbon Chronology
11:00 Matthew Beaudoin—Archaeological Taxonomy as Violence in Ontario CRM
11:15 Carlton Shield Chief Gover—Stories in Radiocarbon: Dating Indigenous Oral Histories
11:45 Matthew Liebmann—Discussant
[224] **Symposium Middle and Late Horizon Archaeology in the Andes**

**Room:** Continental C  
**Time:** 10:15 a.m.–12:00 p.m.  
**Chair:** Kayeleigh Sharp

**Participants:**

10:15 Kayeleigh Sharp—Elevated Metals: Copper Mining and Life Cycle at Songoy-Cojal, Peru
10:30 Sarah Stagg—Reassessing Change and Continuity in Cajamarca Ceramic Iconography
10:45 John Staller—Incahuasi de Caranqui, the Palace Complex of Atahualpa, the Last Inca Emperor, Imbabura Province, Ecuador
11:00 Nicolas Palacios Prado and Fabiola Corominas Sustach—Geomorfología fractal de los Andes y su relación con el trazado urbano y diseño arquitectónico de la cultura Inca
11:15 Zach Chase and Steve Kosiba—Memories of New Pasts in Cuzco and Huarochirí, Peru
11:30 Alexander Menaker—An Interloping Inka in the Valley of Volcanoes, Southern Peruvian Andes
11:45 Adam Birge—Quarantine and Google Earth: Assessing the Practicality of a Remote Survey in Sajama, Bolivia

[225] **Symposium Archaeology of Ritual and Symbolism**

**Room:** Waldorf Room  
**Time:** 10:15 a.m.–12:00 p.m.  
**Chair:** Edward Swenson

**Participants:**

10:15 Kathryn MacFarland—Fantastic Beasts of Animal Style Art: Statistically Analyzing Graphical Representations of Composite Figures of North Central Eurasia in the First Millennium BCE
10:30 Ellen Pacheco, Jerimy Cunningham and Shawn Bubel—Ruffling Tail Feathers: The Role of Avifauna Species in Ancient Chihuahua Culture
10:45 Bradley Russell—Ritual Termination of Polished Stone Ornaments in New York
11:00 Michael Tritsch—A Domestic Horizon: Household Niches and Private Religious Practices in New Kingdom Egypt
11:15 Edward Swenson—Ceremonial Architecture as Semiotic Machines
11:30 James Allison, Fumi Arakawa, Marion Forest, Katie Richards and David Yoder—Megaliths and Monumental Architecture at Coal Bed Village, an Ancestral Pueblo Site in Southeastern Utah
11:45 Santiago Juarez—Cosmological Landscapes at Late Preclassic Noh K'uh in Chiapas, Mexico
[226] **SYMPOSIUM: MEDITERRANEAN ARCHAEOLOGY**

**Room:** Conference Room 4M  
**Time:** 10:15 a.m.–12:00 p.m.  
**Chair:** Gregory Zaro

**Participants:**

10:15 Elizabeth Hannigan, Eleni-Anna Prevedorou and Jane Buikstra—How Much Do We Know About Ancient Greek Diets? Stable Isotope Studies from the Early Iron Age to the Classical Period in Attica

10:30 Giulia Saltini Semerari—E pluribus unum: Multidisciplinary Approaches to Ethnogenesis during the Greek Colonization of Southern Italy

10:45 Jessica Totsch—Water for the People: A GIS Analysis of the Spatial Distribution of Public Water Fountains in Pompeii, Italy

11:00 William Gilstrap—Pottery Technology and Cultural Transfer along Anatolia’s Great Caravan Route

11:15 Beatrijs de Groot—Technology’s Tangents: The Long-Term Consequences of the Spread of the Potter’s Wheel in the Western Mediterranean (1000–0 BCE)

11:30 Gregory Zaro, Martina Celhar, Igor Borzic and Dario Vujevic—What Lies Beneath: Revealing the Liburnian Character of a Roman Townscape in Northern Dalmatia

11:45 Alan Simmons and Renee Kolvet—At Home in a Small Upland Cypriot Neolithic Settlement

[227] **SYMPOSIUM: NORTHERN ONEOTA MANIFESTATIONS: TWO DECADES OF RESEARCH IN THE MIDDLE FOX AND WOLF TRADITION LOCALITIES**

**Room:** PDR #2  
**Time:** 10:30 a.m.–12:00 p.m.  
** Chairs:** Richard Edwards and Jennifer Haas

**Participants:**

10:30 Richard Edwards—Settlement, Subsistence, and Ridged Fields: Exploring the Impacts and Variation of Agricultural Production in the Middle Fox Locality

10:45 Jennifer Haas—Archaeological Investigations within the Middle Fox River Passageway: Oneota and Late Woodland Lifeways at Neenah Point and Wisconsin’s Burial Sites Law

11:00 Katherine Sterner—Lithic Practice in Times of Transition: A Comparison of Assemblages from Late Woodland and Oneota Structures at the Entire Road Site (47WN0562)

11:15 Seth Schneider—Living on the Edge: Late Precontact Villages on the Eastern Shore of Lake Winnebago, Wisconsin

11:30 Natalie Carpiaux—Oneota Ceramics at Sites around the Lake Winnebago Area

11:45 Jennifer Picard—Oneota-Historic Connections at the McCauley Site
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

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

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
2005 T.J. (Tony) Wilkinson
2006 Susan Toby Evans
               Kelley Hays-Gilpin
2007 Peter Bellwood
               James E. Bruseth & Toni S.
               Turner
               Kristian Kristiansen &
               Thomas B. Larsson
               Bradley T. Leppe
2008 Tom Dillehay
               James W. Bradley
2009 Lothar Von Falkenhausen
               Jack Brink
2010 David W. Anthony
               Rebecca Yamin
2011 Vernon James Knight Jr.
               Steven Simms
2012 Matthew Richard Des Lauriers
               Terry Hunt
               Carl L. Lipo
2013 Elizabeth Arkush
               Patrick Kirch
2014 Michael L. Galaty
               Ols Lafe
               Wayne E. Lee
               Zamir Tafilica
               Jerry D. Moore
2015 Dimitra Papagianni &
               Michael A. Morse
               Steven A. Wernke
2016 Miranda Aldhouse-Green
               Robert Bettinger
               Guolong Lai
2017 Michael E. Smith
               Carolyn E. Boyd
               Enrique Rodriguez-Alegria
2018 Peter Bogucki (Popular)
               Tom Dillehay (Scholarly)
2019 Lynn Meskell (Popular)
               Krish Seetah (Scholarly)
2020 Carl M. Davis (Popular)
               Christine A. Hastorf (Scholarly)
2021 Mark D. McCoy (Popular)
D. Rae Gould, Holly Herbster, Heather Law Pezzarossi, and Stephen A. Mrozowski (Scholarly)

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

2001 D. Rae Gould, Holly Herbster, Heather Law Pezzarossi, and Stephen A. Mrozowski (Scholarly)

2019 Diana Carhuanina
2020 Carlos Osores Mendives
2021 Kodiak Aracena Delgadillo

CHERYL L. WASE MEMORIAL SCHOLARSHIP
Archaeologist Cheryl L. Wase spent most of her career working in the high deserts of New Mexico. She died at the too-young age of 53 in 2004. When her mother, Jane Francy Wase, passed away in 2013, she left a bequest to the Society for American Archaeology to endow a memorial scholarship in her daughter's name.

This generous memorial bequest brings together three major themes that defined Cheryl Wase's life: her dedication to archaeology, her love for New Mexico, and her constant willingness to help and support other women. The Wase Scholarship offers continuing support to eligible students. Listed below are each year's new recipients.

2016 Kayla Brown
Keighley Hastings
Kailey Martinez
Samantha Ascoli

2017 Esmeralda Ferrales
Eden Franz
Carol Woodland

2018 Heather Hendrickson
Miranda LaZar
Melissa Perez
Jamie Stevens

2019 April Brown
Mariah Medina
Samantha Morley
Sorayah Romero
Fiona Shaffer

2020 Kayla Abeyta-Lopez
Reina Bravo

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.

2016 Kayla Brown
Keighley Hastings
Kailey Martinez
Samantha Ascoli

2017 Esmeralda Ferrales
Eden Franz
Carol Woodland

2018 Heather Hendrickson
Miranda LaZar
Melissa Perez
Jamie Stevens

2019 April Brown
Mariah Medina
Samantha Morley
Sorayah Romero
Fiona Shaffer

2020 Kayla Abeyta-Lopez
Reina Bravo
Robin Christofani  
2021 Nadia Gilpin  
Sabrina Gonzalez  
Autumn Myerscough  
Tiffany Neas  
Jacquelyn Truitt

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

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  
1996 Calvin R. Cummings  
1997 Shereen Lerner  
1999 Charles R. McGimsey III  
2000 William R. Hildebrandt  
2001 James J. Miller  
2002 David A. Frederickson  
2003 David G. Anderson  
2004 Robert Jackson  
2005 Laurence W. Spanne  
2006 John Milner Associates & The General Services Administration  
2007 Linda Mayro
2005 Arizona Site Steward Program
2007 George Smith
2008 John Walthall
2009 Mike Beckes
2010 William H. Doelle
2011 Nelly Robles Garcia
2013 Henry D. Wallace
2014 Mark Michel
2016 Tom Emerson
2017 Jeffery Franz Burton
2018 Myles Miller
2019 Duane E. Peter
2020 J. Stephen Athens

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

DIENJE KENYON MEMORIAL FELLOWSHIP
The Dienje Kenyon Memorial Fellowship is presented in support of research by women students in the early stages of their archaeological training. It is presented in honor of Dienje Kenyon and was awarded for the first time in 2000.

2000 Rhonda Bathurst
2001 Briana Pobiner
2002 Elizabeth Espy
2003 Elizabeth Arnold
2004 Jamie Clark
2005 Michelle LeFebvre
2006 Sarah Elizabeth Mistak
2007 Jennifer L. Henecke

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

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
2008  Sarah G. Bergh
2009  Kayla L. Pettit
2010  Ashley Sharpe
2011  Carla Hadden
2012  Angela R. Perri
2013  Shoshana Rosenberg
2014  Sarah Raffae MacIntosh
2015  Allison L. Wolfe
2016  Arianne Boileau
2017  Kate Tardio
2018  Ashleigh Rogers
2019  Weronia Tomczyk
2020  Christine A. Mikeska
2021  Jemima Georges

DISSERTATION AWARD
Presented to an archaeologist just entering the profession whose doctoral dissertation is judged to be particularly outstanding. The prize consists of a three-year membership in the Society.

1988  Judith A. Habicht Mauche (Harvard Univ)
1990  David J. Bernstein (SUNY Binghamton)
1991  David Anderson (Univ of Michigan)
1992  Lynette C. Norr (Univ of Illinois)
1993  Cathy Lebo (Indiana Univ)
1994  Mary Van Buren (Univ of Arizona)
1995  David R. Abbott (Arizona State Univ)
1996  Daniel R. Finamore (Boston Univ)
1997  Alvaro 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 (University of Wisconsin-Madison)
2018  Katherine Chiou (University of California, Berkeley)
2019  Hao Zhao (Stanford University)
2020  Sarah Oas (Arizona State University)
         Saul Hedquist (University of Arizona)
2021 Ian Kretzler (University of Washington)

DISTINGUISHED SERVICE AWARD
(Succeeded by the Lifetime Achievement Award in 2001)
Presented annually to a member for specific accomplishments that are truly extraordinary, widely recognized as such, and of a positive and lasting quality. Recognition can be granted in a wide range of areas relating to archaeology. First awarded in 1975, SAA decided in 1980 to make the award on an annual basis.

1975 Carl Haley Chapman
Charles Robert McGimsey III
1980 Gordon Randolph Willey
1981 Albert Clanton Spaulding
1982 Jesse David Jennings
1983 Hannah Marie Wormington
1984 James Bennett Griffin
1985 Emil Walter Haury
1986 Waldo R. Wedel
1987 William A. Ritchie
1988 Richard B. Woodbury
   Nathalie F. S. Woodbury
1989 George Irving Quimby
1990 Fred Wendorf
1991 Douglas Schwartz
1992 John E. Yellen
1993 George J. Gumerman
1994 Hester A. Davis
1995 Stuart Struever
1996 Robert McCormick Adams
1997 Dena Dincauze
1998 Raymond H. Thompson
1999 James A. Brown
2000 William D. Lipe
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 Aiualasit
2015 Bryn Letham
2016 Jennifer Kielhofer
2017 Justin Nels Carlson
2018 Rachel Cajigas
2019 Jacob P. Warner
2020 A. J. White
2021 Helen Thompson

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 Aiualasit
2015 Bryn Letham
2016 Jennifer Kielhofer
2017 Justin Nels Carlson
2018 Rachel Cajigas
2019 Jacob P. Warner
2020 A. J. White
2021 Helen Thompson

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

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 Todd Pitezel
2009 Samuel Duwe
2010 Matthew Peeples
2011 William Reitze
2012 Joshua Watts
2013 Katherine Dungan
2014 Christopher W. Merriman
2015 Kathryn J. Putsavage
2016 Saul L. Hedquist
2017 Jacob Lulewicz
2018 Katelyn Bishop
2018 Reuven J. Sinensky
2019 Megan Anne Conger
2020 Emily Kate
2021 Christopher Schwartz

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

FRYXELL AWARD FOR INTERDISCIPLINARY RESEARCH
Initiated in 1977 to specially recognize interdisciplinary excellence by a distinguished scientist, who need not be an archaeologist but whose research has contributed significantly to American archaeology. Each year the award is based on practice in one of five disciplines: earth sciences, physical sciences, general interdisciplinary studies, zoological sciences, and botanical sciences. The award, which consists
of a citation and a medallion, was named in memory of Roald Fryxell, whose career exemplified so well the crucial role of interdisciplinary cooperation in archaeology.

1978  C. Vance Haynes  
1979  Peter J. Mehringer  
1980  James B. Griffin  
1981  Karl W. Butzer  
1982  David J. Baerreis  
1983  John E. Guilday (posthumous)  
1985  Roger T. Saucier  
1986  Donald K. Grayson  
1987  Richard I. Ford  
1988  David M. Hopkins  
1989  Joseph B. Lambert  
1990  Patty Jo Watson  
1991  Paul W. Parmalee  
1992  Richard Yarnell  
1993  Herbert E. Wright Jr.  
1994  Garman Harbottle  
1995  Robert J. Braidwood  
1996  Elizabeth S. Wing  
1997  Vorsila L. Bohrer  
1998  John W. Weymouth  
1999  Henry P. Schwarcz  
2000  Richard S. MacNeish  
2001  Melinda A. Zeder  
2002  Deborah M. Pearsall  
2003  George Rapp  
2004  R. E. Taylor  
2005  Bruce D. Smith  
2006  Oscar Polaco Ramos  
2007  Vaughn M. Bryant  
2008  Paul Goldberg  
2009  Michael D. Glascock  
2010  Jane Buikstra  
2011  R. Lee Lyman  
2012  Christine Hastorf  
2013  Anthony Aveni  
2014  Marvin W. Rowe  
2015  David Hurst Thomas  
2016  Elizabeth J. Reitz  
2017  Naomi Frances Miller  
2018  Vance Terrell Holliday  
2019  M. Steven Shackley  
2020  Debra Martin  
2021  Mary Clare Stiner

**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)

**GEOARCHAEOLOGY INTEREST GROUP MA/MS RESEARCH AWARD**
The Geoarchaeology Interest Group MA/MS Research Award provides support for thesis research, with emphasis on the field and/or laboratory aspects, for graduate students in the earth sciences and archaeology. (*Succeeded in 2017 by the Paul Goldberg Award.*)

2014 Brendan S. Fenerty
2015 Alexander Delgado
2016 Kendal R. Jackson

**H. AND T. KING GRANTS FOR ARCHAEOLOGY OF THE ANCIENT AMERICAS**
The H. and T. King Grants for Archaeology of the Ancient Americas, administered by the Society for American Archaeology, supports archaeological projects across Latin America (exclusive of the United States) that show promise for transformative contributions to the understanding of the indigenous cultures from Mesoamerica, Central and South America, and the Caribbean.

2020 Tamara Bray
Jennifer Grant
Salomón Hocsman
Angela Huster
Jessica Munson and Jill Onken
Alexandre Tokovinin

2021 Jessica MacLellan
Celeste Samec
Amy Thompson
Verónica Williams

**HISTORICALLY UNDERREPRESENTED GROUPS SCHOLARSHIP**
The SAA Historically Underrepresented Groups Scholarship (HUGS) helps increase the number of underrepresented minorities obtaining degrees in archaeology. It provides funding to minority archaeology students, helping them enhance their education and successfully prepare for a variety of careers in archaeology and heritage management. The scholarship is overseen by the Minority Scholarships Committee of the SAA.

2015 Gabriel Sanchez
Dania Jordan
Sameen Mansoor

2016 Milena Carvalho
Danielle Huerta
Raghda El-Behaedi
Lisa Small
2017 Lorraine Hu
Kristina Lee
Jasmine Lee
Hope Loiselle
Erik Marinkovich
Deja Santiago
2018 Luisa Donoso
Jose Marrero-Rosado
Angelica Sanchez
2019 Jenail Marshall
Ashley Vance
Jazmin Jones
Ariana Robles
2021 Kevin Cabrera
Zindy Cruz
Raena Gamble
Isabella Garcia
Tiffany Santiago
Karla Saracay

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

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 Lumbrares 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

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)
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

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.
NATIVE AMERICAN GRADUATE ARCHAEOLGY SCHOLARSHIP
This scholarship supports graduate studies for Native American students, including but not limited to tuition, travel, food, housing, books, supplies, equipment, and childcare (up to $10,000).

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. Leiokelo‘olani Brown
2020 Natalie Lolar
  Emily Van Alst
2021 Carlton Gover

NATIVE AMERICAN UNDERGRADUATE ARCHAEOLGY SCHOLARSHIP
This scholarship supports undergraduate studies for Native American students, including but not limited to tuition, travel, food, housing, books, supplies, equipment, and childcare (up to $5,000).

2010 Vanessa T. Cabrera
2011 Garrett W. Briggs
2012 Laura Jane Brandon
2013 Chi R. Woodrich
2014 Anita Fells
2015 Grey Don Johnson
2016 Jair Boro Munduruku
2017 Jamie Stevens
2018 Uguku Usdi
2019 Aka Bendtsen
2021 Tamahsat Blackeagle

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

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 Zaakayah Cua
2019 Cayla D. Kennedy
2020 Denay Grund
2021 Rachael Smith

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. As of 2008, only the student category continued; the professional category was sunsetted.

1993 Cynthia Herhahn (Student)
          Virginia Butler & James Chatters (Professional)
1994 Alanah J. Woody (Student)
          George R. Milner, James S. Oliver & Erich Schroeder (Professional)
          Dennis E. Lewarch & Laura S. Phillips (organizers, Outstanding Poster Symposium)
1995 Tim Hunt, Mark Madsen & Carl Lipo (Student)
          Brenda J. Baker & Maria A. Liston (Professional)
1996 Clinton C. Hoffman (Student)
          Adam King (Student)
          Stephen H. Lekson (Professional)
1997 Anastasia Steffen, Rita Moots Skinner & Ann F. Ramenofsky (Student)
          Judith A. Habicht Mauche, A Russell Flegal, Stephen Glenn & Horner Milford (Professional)
1998 Lisa Nagaoka (Student)
          Shannon P. McPherron & Harold L. Dibble (Professional)
1999 Diana Greenlee, Robert C. Dunnell, Terry Hunt & Michael Pfeffer (Student)
          Neal H. Lopinot & Jack H. Ray (Professional)
2000 Diana M. Greenlee (Student)
          Fraser D. Neiman (Professional)
2001 Jonathan Scholnick, Derek Wheeler & Fraser Neiman (Student)
          Jeffrey Homburg, Eric Brevic, Jeffrey Altschul, Anthony Orme & Steven Shelly (Professional)
2002 Laura Smith, James Jordan, David Johnson, Casey Haskell & Herbert Maschner (Student)
          Manuel R. Palacios-Fest & Jeffrey A. Homburg (Professional)
2003 Stacey Chambliss (Student)
          Diana M. Greenlee (Professional)
2004 Andrew Isaac, Mark Muldoon, Keri Brown & Terry Brown (Overall)
          Sara Bon-Harper, Jennifer Aultman, Nick Bon-Harper & Derek Wheeler (Professional)
          Stacy Lengyel (Student)
2005 Ethan Cochrane, Julie Field & Diana Greenlee (Student)
          James Feathers, Jack Johnson & Silvia Kembel (Professional)
2006 Ruth Dickau (Student)
Robert Hard, Cynthis Muñez
& Anne Katzenberg
(Professional)
2007 Jeffrey Ferguson, Jelmer E.
Eerkens & Michael Glascock
(Professional)
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

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

PRESIDENTIAL
RECOGNITION AWARD
Instituted in 1990 to permit SAA
to recognize individuals who have
provided extraordinary services to
the society and the profession in the
past year. Awardees are determined
by the president of the society, in
consultation with members of the
Board.

1990 Jerome A. Miller
Nathalie F. S. Woodbury
1991 Lynne Goldstein
Rachael Hamilton
Keith Kintigh
Earl Lubensky
Loretta Neumann
Kathleen Reinburg
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. McManammon  
Ian W. Brown  
2002 Michael J. Fanelli  
Donald Forsyth Craib  
Johna Hutira  
2003 John Chamblee  
Fred Wendorf, Stuart Struver,  
& 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  
2009 Phillip L. Walker  
2010 75th Anniversary Task Force:  
Jeremy Sabloff  
James Snead  
Wendy Ashmore  
2011 Susan B. Bruning  
Paul Minnis  
Jonathan Muller  
2012 Barbara M. Arroyo  
Tomas Enrique-Mendizabal  
Archibold  
Christopher D. Dore  
Daniel H. Sandweiss  
2013 Susan Kane  
Cori Wegener  
Tim Melancon  
Serena Bellew  
2014 Deborah L. Nichols  
Christopher A. Pool  
Gabriela Uruñuela y Ladrón de Guevara  
2015 Willem Willems  
Frederich (Fritz) Luëth  
Jane Eva Baxter  
Brian I. Daniels  
Salam al-Kuntar  
2017 Jeffrey Altschul
Barbara Arroyo
Task Force on Gender
Disparities in Archaeological
Grant Submissions
Amity Pueblo Task Force
Task Force on Archaeological
Survey Data Quality,
Durability, and Use
Task Force on Regional
Planning
Task Force on Valuing
Archaeological Resources
Task Force on Professional
Archaeologists, Avocational
Archaeologists, and
Responsible Artifact
Collectors Relationships
Task Force on Guidelines
for Promotion and Tenure for
Archaeologists in Diverse
Academic Roles

2019  Tobi Brimsek
Deborah Nichols
John Douglass
Gordon Rakita
Jerry Spangler
Tim Kohler
Daniel 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

AWARD FOR EXCELLENCE IN PUBLIC EDUCATION
Begun in 1997 to recognize institutions or individuals who bring about an improved public understanding and appreciation of anthropology and archaeology. (Succeeded in 2021 by Distinguished Achievement in Public Archaeology Award, Outstanding Public Archaeology Initiative Award, and Excellence in Public Archaeology Programming Award)

1997  Brian Fagan
1998  Jan Coleman Knight
1999  Crow Canyon Archaeological Center
2000  George Stuart
2001  George Brauer
2002  AnthroNotes
2003  Jeanne Moe
2004  Patricia Wheat-Stranahan
2005  Office of Archaeological Studies at the Museum of New Mexico
2006  Richard M. Pettigrew
2007  The 5th St. Cemetery Necrogeographical Study
2008  Texas Beyond History Website
2009  Center for American Archaeology
2010  Project Archaeology
2012  Education Outreach Program of the Office of Archaeological Studies
2014  Abby the ArchaeoBus: Society for Georgia Archaeology
New South Associates
Georgia Transmission Corporation
Georgia State University
2015  Kansas Archeology Training Program
2017 Kristina Killgrove
2018 Kentucky Archaeological Survey
2019 Magic Mountain Community Archaeology Project
2020 Húýat: 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

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

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


2000 Eric J. Bartelink
2002 Randy Miller
2003
2004
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2020
2021
Presidents of the SAA

<table>
<thead>
<tr>
<th>President</th>
<th>Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. C. Parker</td>
<td>1935–1936</td>
</tr>
<tr>
<td>Diamond Jeness</td>
<td>1936–1937</td>
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<tr>
<td>A. V. Kidder</td>
<td>1937–1938</td>
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<tr>
<td>Edgar B. Howard</td>
<td>1938–1939</td>
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<tr>
<td>Neil Judd</td>
<td>1939–1940</td>
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<td>W. C. McKern</td>
<td>1940–1941</td>
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<tr>
<td>Glenn Black</td>
<td>1941–1942</td>
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<tr>
<td>Nels C. Nelson</td>
<td>1942–1943</td>
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<tr>
<td>Emil W. Haury</td>
<td>1943–1944</td>
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<tr>
<td>J. Alden Mason</td>
<td>1944–1945</td>
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<td>Carl E. Guthe</td>
<td>1945–1946</td>
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<td>Frederick Johnson</td>
<td>1946–1947</td>
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<td>Douglas S. Byers</td>
<td>1947–1948</td>
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<td>Waldo R. Wedel</td>
<td>1948–1949</td>
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<tr>
<td>J. O. Brew</td>
<td>1949–1950</td>
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<tr>
<td>Frank Roberts Jr.</td>
<td>1950–1951</td>
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<td>James B. Griffin</td>
<td>1951–1952</td>
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<td>Irving Rouse</td>
<td>1952–1953</td>
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<td>Gordon F. Ekholm</td>
<td>1953–1954</td>
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<td>Robert Wauchope</td>
<td>1954–1955</td>
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<tr>
<td>W. Duncan Strong</td>
<td>1955–1956</td>
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<tr>
<td>William A. Ritchie</td>
<td>1956–1957</td>
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<tr>
<td>George I. Quimby Jr.</td>
<td>1957–1958</td>
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<tr>
<td>Richard B. Woodbury</td>
<td>1958–1959</td>
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<tr>
<td>Jesse D. Jennings</td>
<td>1959–1960</td>
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<tr>
<td>Erik K. Reed</td>
<td>1960–1961</td>
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<tr>
<td>David A. Baerreis</td>
<td>1962–1963</td>
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<td>James A. Ford</td>
<td>1963–1964</td>
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<td>Albert C. Spaulding</td>
<td>1964–1965</td>
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<td>Paul S. Martin</td>
<td>1965–1966</td>
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<tr>
<td>Joe B. Wheat</td>
<td>1966–1967</td>
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<td>Gordon R. Willey</td>
<td>1967–1968</td>
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<td>H. Marie Wormington</td>
<td>1968–1969</td>
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<td>Ignacio Bernal</td>
<td>1969–1970</td>
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<td>Robert Lister</td>
<td>1970–1971</td>
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<td>Richard S. MacNeish</td>
<td>1971–1972</td>
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<tr>
<td>Charles C. Di Peso</td>
<td>1972–1973</td>
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<tr>
<td>Stuart Struever</td>
<td>1975–1976</td>
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<tr>
<td>Cynthia Irwin Williams</td>
<td>1977–1979</td>
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<td>Fred Wendorf</td>
<td>1979–1981</td>
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<td>George C. Frison</td>
<td>1983–1985</td>
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<tr>
<td>Don Fowler</td>
<td>1985–1987</td>
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<tr>
<td>Dena Dinauze</td>
<td>1987–1989</td>
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<td>Prudence Rice</td>
<td>1991–1993</td>
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<td>Bruce D. Smith</td>
<td>1993–1995</td>
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<td>Vincas P. Steponaitis</td>
<td>1997–1999</td>
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<td>Keith W. Kintigh</td>
<td>1999–2001</td>
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<td>Robert L. Kelly</td>
<td>2001–2003</td>
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<td>Lynne Sebastian</td>
<td>2003–2005</td>
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<tr>
<td>Dean R. Snow</td>
<td>2007–2009</td>
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<tr>
<td>Margaret W. Conkey</td>
<td>2009–2011</td>
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<tr>
<td>W. Frederick Limp</td>
<td>2011–2013</td>
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<tr>
<td>Diane Gifford-Gonzalez</td>
<td>2015–2017</td>
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<tr>
<td>Susan M. Chandler</td>
<td>2017–2019</td>
</tr>
<tr>
<td>Joe E. Watkins</td>
<td>2019–2021</td>
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<tr>
<td>Deborah Nichols</td>
<td>2021–2023</td>
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</tbody>
</table>

Annual Meeting Sites

<table>
<thead>
<tr>
<th>Year</th>
<th>Site</th>
<th>Location</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>Andover</td>
<td>MA</td>
<td>December 1935</td>
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<tr>
<td>2nd</td>
<td>Washington</td>
<td>DC</td>
<td>December 1936</td>
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<tr>
<td>3rd</td>
<td>Milwaukee</td>
<td>WI</td>
<td>May 1938</td>
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<tr>
<td>4th</td>
<td>Ann Arbor</td>
<td>MI</td>
<td>May 1939</td>
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<tr>
<td>5th</td>
<td>Indianapolis</td>
<td>IN</td>
<td>April 1940</td>
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<tr>
<td>6th</td>
<td>Minneapolis</td>
<td>MN</td>
<td>May 1941</td>
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<tr>
<td>7th</td>
<td>Cincinnati</td>
<td>OH</td>
<td>May 1942</td>
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<tr>
<td>8th</td>
<td>Washington</td>
<td>DC</td>
<td>May 1944</td>
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<tr>
<td>9th</td>
<td>Washington</td>
<td>DC</td>
<td>May 1945</td>
</tr>
</tbody>
</table>

*Because of travel difficulties and other wartime restrictions, the 1943 Annual Meeting was conducted by mail by the Executive Committee, whose actions were approved at the next Annual Meeting.*
11th Indianapolis, IN May 1946
12th Ann Arbor, MI May 1947
13th Milwaukee, WI May 1948
14th Bloomington, IN May 1949
15th Norman, OK May 1950
16th Evanston, IL May 1951
17th Columbus, OH May 1952
18th Urbana, IL May 1953
19th Albany, NY May 1954
20th Bloomington, IN May 1955
21st Lincoln, NE May 1956
22nd Madison, WI May 1957
23rd Norman, OK May 1958
24th Salt Lake City, UT May 1959
25th New Haven, CT May 1960
26th Columbus, OH May 1961
27th Tucson, AZ May 1962
28th Boulder, CO May 1963
29th Chapel Hill, NC May 1964
30th Urbana, IL May 1965
31st Reno, NV May 1966
32nd Ann Arbor, MI May 1967
33rd Santa Fe, NM May 1968
34th Milwaukee, WI May 1969
35th Mexico City, Mexico May 1970
36th Norman, OK May 1971
37th Bal Harbour, FL May 1972
38th San Francisco, CA May 1973
39th Washington, DC May 1974
40th Dallas, TX May 1975
41st St. Louis, MO May 1976
42nd New Orleans, LA April 1977
43rd Tucson, AZ May 1978
44th Vancouver, Canada April 1979
45th Philadelphia, PA May 1980
46th San Diego, CA April 1981
47th Minneapolis, MN April 1982
48th Pittsburgh, PA April 1983
49th Portland, OR April 1984
50th Denver, CO May 1985
51st New Orleans, LA April 1986
52nd Toronto, ON May 1987
53rd Phoenix, AZ April 1988
54th Atlanta, GA April 1989
55th Las Vegas, NV April 1990
56th New Orleans, LA April 1991
57th Pittsburgh, PA April 1992
58th St. Louis, MO April 1993
59th Anaheim, CA April 1994
60th Minneapolis, MN May 1995
61st New Orleans, LA April 1996
62nd Nashville, TN April 1997
63rd Seattle, WA March 1998
64th Chicago, IL March 1999
65th Philadelphia, PA April 2000
66th New Orleans, LA April 2001
67th Denver, CO March 2002
68th Milwaukee, WI April 2003
69th Montreal, QC Mar-Apr 2004
70th Salt Lake City, UT Mar-Apr 2005
71st San Juan, PR April 2006
72nd Austin, TX April 2007
73rd Vancouver, BC March 2008
74th Atlanta, GA April 2009
75th St. Louis, MO April 2010
76th Sacramento, CA Mar-Apr 2011
77th Memphis, TN April 2012
78th Honolulu, HI April 2013
79th Austin, TX April 2014
80th San Francisco, CA April 2015
81st Orlando, FL April 2016
82nd Vancouver, BC Mar-Apr 2017
83rd Washington, DC April 2018
84th Albuquerque, NM April 2019
85th (Due to the COVID-19 pandemic, the 2020 Annual Meeting scheduled for Austin, TX, was canceled and the Annual Business Meeting was conducted by video and phone)
86th Online April 2021 (Due to the COVID-19 pandemic, the meeting scheduled for San Francisco, CA, was moved online)
Exhibit Hall Map
International Ballroom—Second Floor

Need a Snack?
Coffee, snacks, sandwiches, and other beverages will be available for purchase in the exhibit hall in the International Ballroom on Friday and Saturday.
American Cultural Resources Association
#100
https://acra-crm.org
ACRA is the national trade association supporting and promoting the common interests of cultural resource management (CRM) firms of all sizes, types and specialties. Our member firms undertake much of the legally mandated CRM studies and investigations in the US. Come visit our booth and see how we can support you and your work!

American Rock Art Research Association
#217
https://arara.wildapricot.org/
The American Rock Art Research Association (ARARA) is a diverse community of members dedicated to rock art preservation, research, and education in order to communicate to a broad audience the significance of rock art as a non-renewable resource of enduring cultural value and an important expression of our shared cultural heritage.

Ancient Society Books
#408
https://www.ancientsocietybooks.com/
Offering a broad selection of new and used books in all traditional fields of anthropology with an emphasis on the New World, especially North America. Books and journals purchased. Want lists services. All profits donated to archaeological research and preservation.

Antiquity Journal
#319
https://www.antiquity.ac.uk/
*Antiquity* is an international peer-reviewed journal of world archaeology with a global readership. We publish original archaeological research on all periods and regions, including a diverse mix of theory, method and debate. We welcome submissions from researchers of all career levels and based in all parts of the world.

The Archaeological Conservancy
#402
https://www.archaeologicalconservancy.org/
The Archaeological Conservancy is the only national nonprofit organization dedicated to acquiring and preserving America’s most important archaeological sites. Since its beginning in 1980, the Conservancy has preserved more than 555 sites. The Conservancy also publishes *American Archaeology* magazine, an award-winning publication that covers archaeology in North America.

Archaeological Institute of America
#121
https://www.archaeological.org/
North America’s oldest and largest archaeological organization. The Archaeological Institute of America works to create an informed public interest in the cultures and civilizations of the past, supports archaeological research and publication, promotes community
based outreach, and advocates for the preservation of archaeological heritage.

**Archaeopress Publishing Ltd.**
*#204  https://www.archaeopress.com/
Archaeopress, founded and run by archaeologists Dr. David Davison and Dr. Rajka Makjanic from Oxford (UK), specializes in publishing scholarly books and journals in the field of archaeology and related heritage subjects. Publishing 120–150 new titles each year, the range of publications includes monographs, conference proceedings, catalogs of archaeological material, excavation reports, archaeological biographies, and more.*

**BAR Publishing**
*#404  https://www.barpublishing.com/
BAR Publishing is one of the most respected publishers of academic archaeology. We have built an international reputation for publishing data-rich archaeological research with over 3,700 titles in print. Our Digital Collection, available via libraries, includes most of these titles in searchable ePDF format, providing a valuable resource for researchers.*

**Beta Analytic Inc.**
*#310  https://www.radiocarbon.com/
ISO 17025-accredited Beta Analytic is a dedicated radiocarbon dating laboratory with standard turn-around time of 14 business days for its AMS Dating service. Expedited services are available (2–6 business days). All analyses are performed in-house. Respected worldwide for accuracy, quality, and customer care. Results are accessible 24/7 via web access.*

**Bone Boss Tools**
*#405  https://bonebosstools.com/
Bone Boss tools are designed for hand excavation of fragile materials. Each tool is crafted from selected hardwood and shaped to a specialized form that allows fingertip control in a variety of situations. The tool forms have been refined as a result of ongoing field use and customer feedback.*

**Bruker Corporation**
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**
*#210  https://www.blm.gov/programs/cultural-resources
The Bureau of Land Management administers 245 million acres of America’s land base and 700 million acres of subsurface mineral estate in the United States. The BLM carries out a dual mandate to manage...*
public land for multiple uses while conserving natural, historical, and cultural resources.

**Cambridge University Press**

#201 & #203  
[https://www.cambridge.org/us/academic](https://www.cambridge.org/us/academic)

Cambridge University Press is a not-for-profit publisher that dates from 1534 and is part of the University of Cambridge. Visit our stand to discuss publishing with us, check out award winning titles in Archaeology, browse free articles, chapters and our latest publications at [www.cambridge.org/SAA2022](http://www.cambridge.org/SAA2022) and get a 30% discount.

**Center for Applied Isotope Studies, UGA**

#101  
[https://cais.uga.edu/](https://cais.uga.edu/)

Radiocarbon Dating, Stable Isotope Analysis, Elemental analysis, XRF, ICP-OES, ICP-MS, Lead and Strontium Isotope Analysis. Use coupon code SAA2022 for 10% off all standard services. Offer good through December 31, 2022.

**Center for Digital Antiquity—tDAR**

#103  
[https://www.tdar.org/](https://www.tdar.org/)

The Center for Digital Antiquity is devoted to ensuring the preservation and accessibility of archaeological resources through our innovative repository, tDAR (The Digital Archaeological Record). Created by archaeologists and computer scientists, tDAR is designed to solve the unique data management needs of archaeologists working in academia, CRM, government, and more.

**Cotsen Institute of Archaeology Press**

#202  
[https://ioa.ucla.edu/press](https://ioa.ucla.edu/press)

The Cotsen Institute of Archaeology 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)**

#220  
[https://www.saa.org/COAS](https://www.saa.org/COAS)

The Council of Allied Societies (CoAS) was formed in 1989 for the mutual benefit of professional archaeologists and avocationals, and to build working and research relationships between the two groups for the advancement of archaeology, and to further the objectives of the Society for American Archaeology.

**Defense POW/MIA Accounting Agency (DPAA)**

#409  
[https://www.dpaa.mil/](https://www.dpaa.mil/)

To educate conference participants on the Defense POW/MIA Accounting Agency (DPAA) mission, work
underway, employment opportunities, and partnerships.

**Department of Archaeology, University of York**

#311  
https://www.york.ac.uk/archaeology/

We are available to discuss our undergraduate and postgraduate degrees, covering prehistory, Roman, medieval and historical archaeology, Digital Archaeology, Cultural Heritage Management and Bioarchaeology, and post-doc opportunities. Discover what it’s like to work with us in our state-of-the-art labs and medieval manor house in the heart of historic England.

**Digital Index of North American Archaeology (DINAA)—Open Context**

#304  
http://ux.opencontext.org/archaeology-site-data/

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 accessible through Open Context, an open access publisher of digital archaeological content from excavations, surveys, and collections worldwide.

**Dumbarton Oaks and the Peabody Museum of Archaeology and Ethnography**

#209  
https://www.doaks.org/ and https://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.

**DW Consulting**

#410  
https://dwconsulting.nl/

Creator of TerraSurveyor—the industry leader for device independent, geophysical data processing software.

**Emlid**

#211  
https://emlid.com/

Emlid makes affordable and easy-to-use RTK GNSS receiver Reach, that provides centimeter accuracy for surveying and mapping. Reach comes with an app for iOS and Android with lots of tools for data collection. Reach is widely used for placing GCP for drone mapping and can be used as a base station for RTK/PPK drones.

**European Association of Archaeologists (EAA)**

#104  
https://www.e-a-a.org/

The European Association of Archaeologists (EAA; www.e-a-a.org) is a nonprofit, nongovernmental organization associating archaeologists and the 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. The 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
#301
https://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.
#306
https://www.geophysical.com/
Geophysical Survey Systems, Inc. is the world leader in the development, manufacture, and sale of ground penetrating radar (GPR) equipment, primarily for the concrete inspection, utility mapping and locating, road and bridge deck evaluation, geophysics, and archaeology markets. Our equipment is used all over the world to explore the subsurface of the earth and to inspect infrastructure systems non-destructively. GSSI created the first commercial GPR system over 50 years ago and continues to provide the widest range and highest quality GPR equipment available today.

GMW Associates
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https://gmw.com/
GMW offers Bartington’s fluxgate Gradiometers and magnetic susceptibility commonly used for archaeo-geophysical prospection. The gradiometer range includes the Grad601 single or dual sensor together with a non-magnetic Cart system enabling large-scale surveys to be carried out. The 1 m separation, combined with high resolution, provide high-resolution images of buried structure.

Human Relations Area Files at Yale University
#500
https://hraf.yale.edu/
Human Relations Area Files (HRAF) is internationally recognized in the field of cultural anthropology. Founded in 1949 at Yale University, HRAF is a membership-supported nonprofit organization comprised of universities, colleges, libraries, and research institutions. Its mission is to promote understanding of cultural diversity and commonality in the past and present. To accomplish this mission, HRAF produces scholarly resources and infrastructure for research, teaching and learning, and supports and conducts original research on cross-cultural variation.
ICA Radiocarbon Dating
#516
https://www.radiocating.com/
Radiocarbon Dating. ICA gives you accurate, affordable, and fast radiocarbon dating results.

Institute for Field Research
#317
https://ifrglobal.org/
The Institute for Field Research (IFR) is an independent, nonprofit, academic organization that breaks down traditional institutional barriers and provides peer-reviewed field schools to students regardless of the university in which they matriculate. IFR fosters hands-on, immersive, evidence-based research and fieldwork training opportunities around the world.

InT erris Registries—QLC Inc.
#416
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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.

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National Parks Service, Archeology Program
#406
www.nps.gov/subjects/archeology
The NPS Archeology Program will be on hand to answer your questions about what NPS archeology is and what NPS archeologists do. Find information about current projects, internships, volunteering, and resources for teachers.

Native American Scholarships Fund—Society for American Archaeology
#221
https://www.saa.org/career-practice/scholarships-and-grants/native-american-scholarships-fund
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 the 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.

**Northeast Anthropology Journal**  
#407  
[https://www.albany.edu/northeast_anthropology/](https://www.albany.edu/northeast_anthropology/)  
We are an academic journal that publishes four-field anthropological research focusing on Northeast North America.

**PaleoResearch Institute**  
#418  
[https://www.paleoresearch.com/](https://www.paleoresearch.com/)  
PaleoResearch Institute provides scientific analyses in support of archaeology and geology. Experience the benefits of having one lab support all your analytic needs (AMS radiocarbon dating; pollen; phytolith; starch; macrofloral; charcoal identification; protein and organic residues; and more). Receive one synthetic report that interprets and integrates all your data.

**Register of Professional Archaeologists**  
#102  
[https://rpanet.org/](https://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, renew your annual dues, and chat with our team!

**Sensys Magnetometers & Survey Solutions**  
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[https://sensysmagnetometer.com/](https://sensysmagnetometer.com/)  
One of the leading provider of magnetic and electromagnetic survey systems and components. We believe in information. Reliable and reproducible. That is the expectation we point to ourselves to make sure our clients can rely on us. As they operate in sensitive environments, we better do an excellent job, deliver stable but precise sensors and survey solutions to gather as much data in the field as possible. Making decision as clear as possible.

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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.

**Society for Historical Archaeology**  
#106  
[https://sha.org/](https://sha.org/)  
The Society for Historical Archaeology 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.

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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 by W.W. Norton and in Canada by Nelson.

**Texas A&M University Press #411**
https://www.tamupress.com/
Texas A&M University Press is a premier publisher of archaeological research in North America and worldwide. Through collaboration with the Center for the Study of the First Americans and other institutions, we publish leading scholarship in Paleoamerican archaeology and anthropology.

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https://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. We advance the University of Arizona’s mission by connecting scholarship and creative expression to readers worldwide.

**University of Chicago Press—Journal Division #205**
https://www.journals.uchicago.edu/

**University of Michigan Museum of Anthropological Archaeology (UMMAA) #309**
https://lsa.umich.edu/ummaa/
UMMAA is dedicated to publishing important archaeological research and is able to accommodate digital affordances using the Fulcrum platform (https://www.fulcrum.org/ummaa). We welcome proposals from any authors (https://sites.lsa.umich.edu/archaeology-books/for-authors/). Over 200 existing publications will be for sale at attractive discounts, and we will be showcasing UMMAA’s other research and educational activities (https://lsa.umich.edu/ummaa/about-us.html)
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Museum of Archaeology and Anthropology
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https://www.penn.museum/
A display of Penn Museum’s books, along with information about purchasing Penn Museum and Penn Press titles with an SAA-specific discount code.

University of Pittsburgh Center for Comparative Archaeology
#300
http://www.comparch.pitt.edu/
Publication of archaeological research results on paper and online in the Comparative Archaeology Database. Books and journals from Latin America.

University of Texas Press
#200
https://utpress.utexas.edu/
The University of Texas Press invites attendees of the Society for American Archeology’s annual meeting to explore new and recent publications on classics and the ancient world on-site and online. Attendees save 30% on all titles through May 31, 2022!

University of Utah Press
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University Press of Florida
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https://upf.com/
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.

USACE Tribal Nations Technical Center of Expertise
#118
https://www.spa.usace.army.mil/Missions/TNTCX/
The US Army Corps of Engineers Tribal Nations Technical Center of Expertise (TNTCX) is at the forefront of technological innovation and tribal resource management work of import to Tribal Nations. Staff will be present to speak about the work and technical capabilities of the TNTCX, as well as discuss potential opportunities for collaboration, employment, and internships.
CRM Expo Directory

The CRM Expo is jointly sponsored by ACRA and the SAA. Scheduled between 1:00 p.m. and 4:00 p.m. on Saturday, April 2, in the International Ballroom, 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 conference website.

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