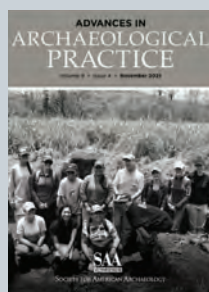
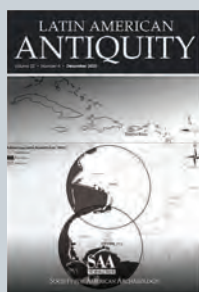
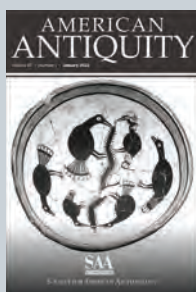


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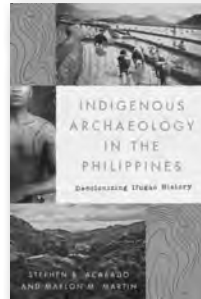
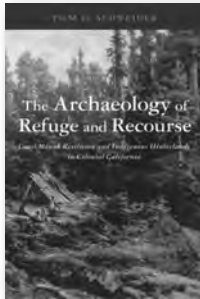
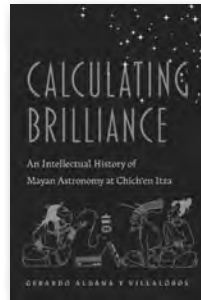
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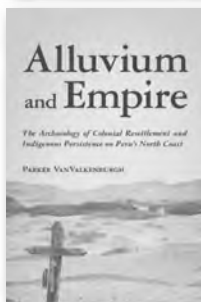
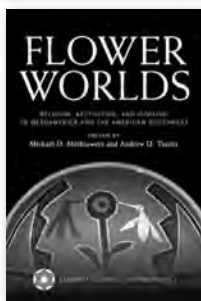
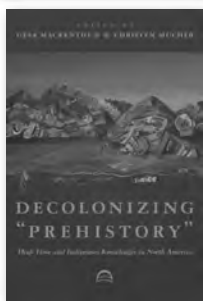
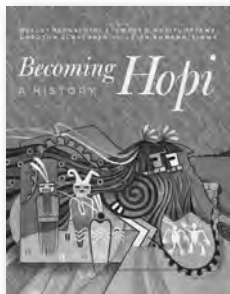
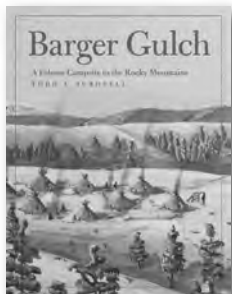
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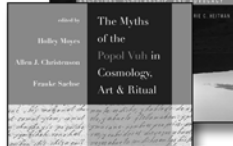
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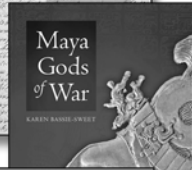
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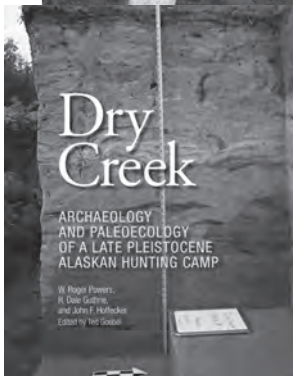
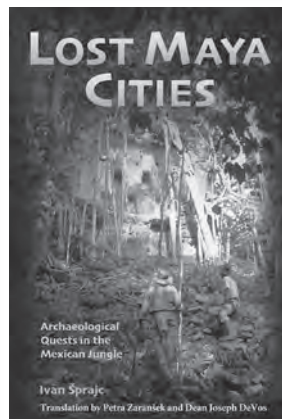
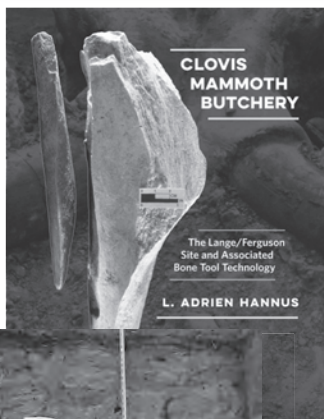
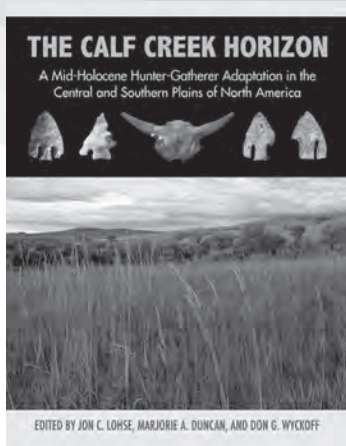
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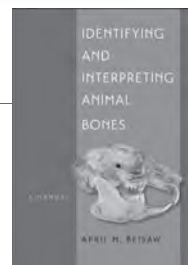
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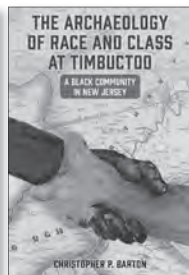
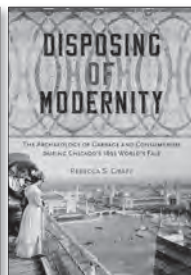
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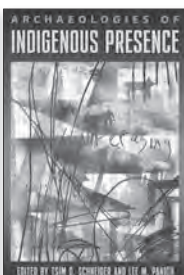


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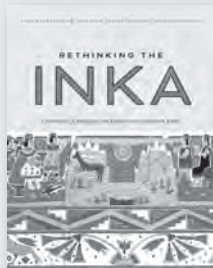
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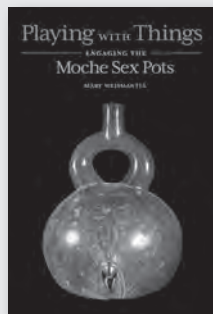
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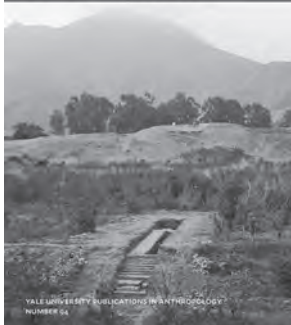
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*Thank you to the Local Programing Committee and the Committee on Native American Relations for their hard work on this statement.*

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 Asâkîwaki (Sauk), Baxoje (Iowas), Hoocąk (Winnebago/Ho'Chunk), Inoka (Illini Confederacy), Jiwere (Otoe), Kiash Matchitiwuk (Menominee), Kiiikaapoi (Kickapoo), Meshkwahkiha (Meskwaki), Myaamiaki (Miami), Nutachi (Missouria), Peeyankihšiaki (Piankashaw), and Waayaahatanwaki (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

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\* 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>

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

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

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

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

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

### **Disclosure and Report**

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

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

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

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

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



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

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

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

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

#### Role of the Ombuds

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

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

## **Actions**

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

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

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

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

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

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

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

### **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](mailto:saaombuds@gmail.com)

[www.saa.org/ombuds](http://www.saa.org/ombuds)



## Information on Ombuds

### How to Contact the Ombuds

Ombuds e-mail: [saaombuds@gmail.com](mailto: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 Dadiago

Dr. Danielle Lynn Dadiago 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. Dadiago'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 Dadiago 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**

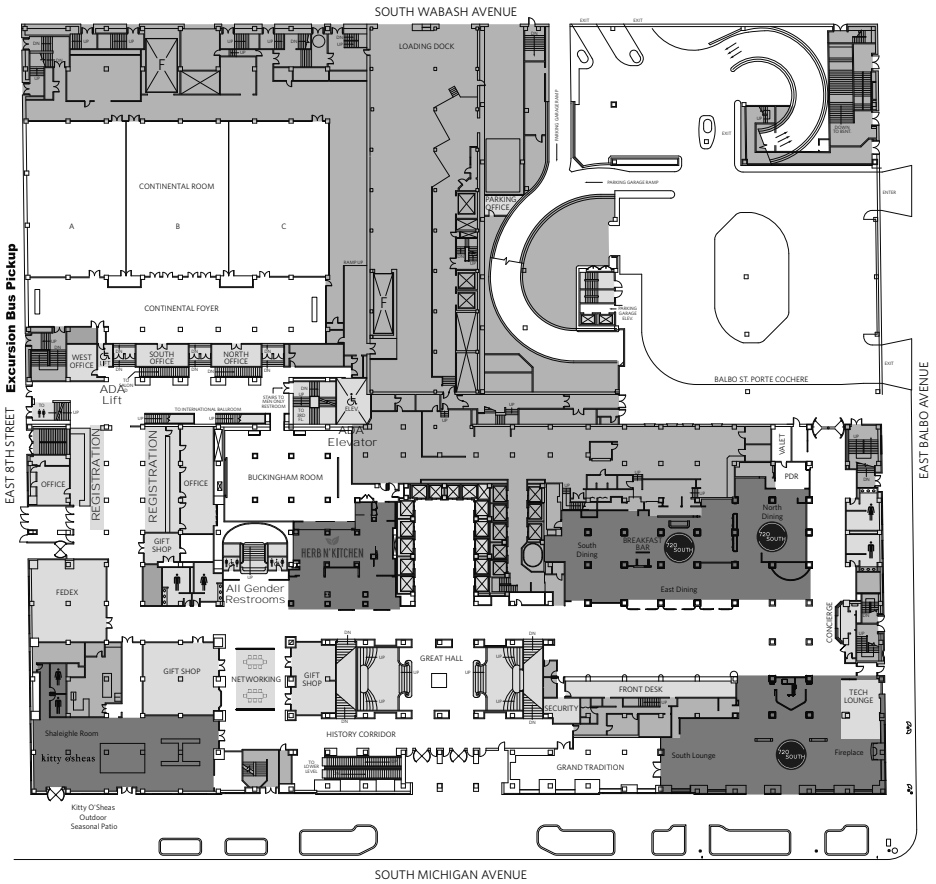
**Recipient:** Dolores Piperno

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.



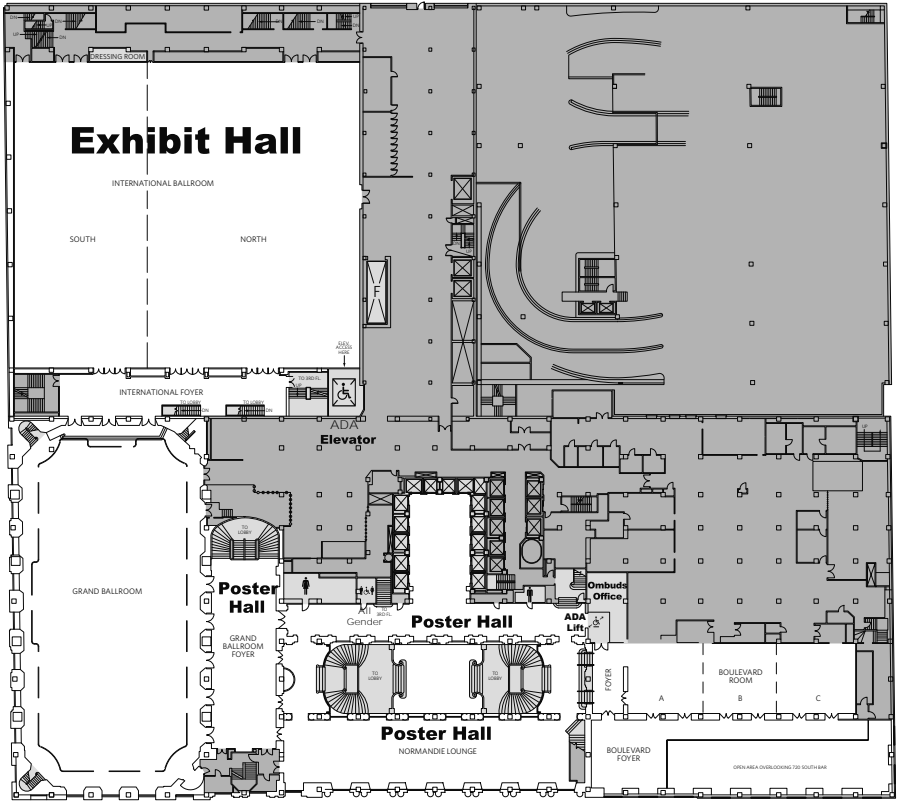
KEY

LOBBY LEVEL

- Meeting/Conference Rooms
- Food & Beverages
- Amenities
- Heart of House
- ADA Elevator
- ADA Lift
- Restrooms
- Elevator
- Freight Elevator



# Hilton Chicago Lobby Level



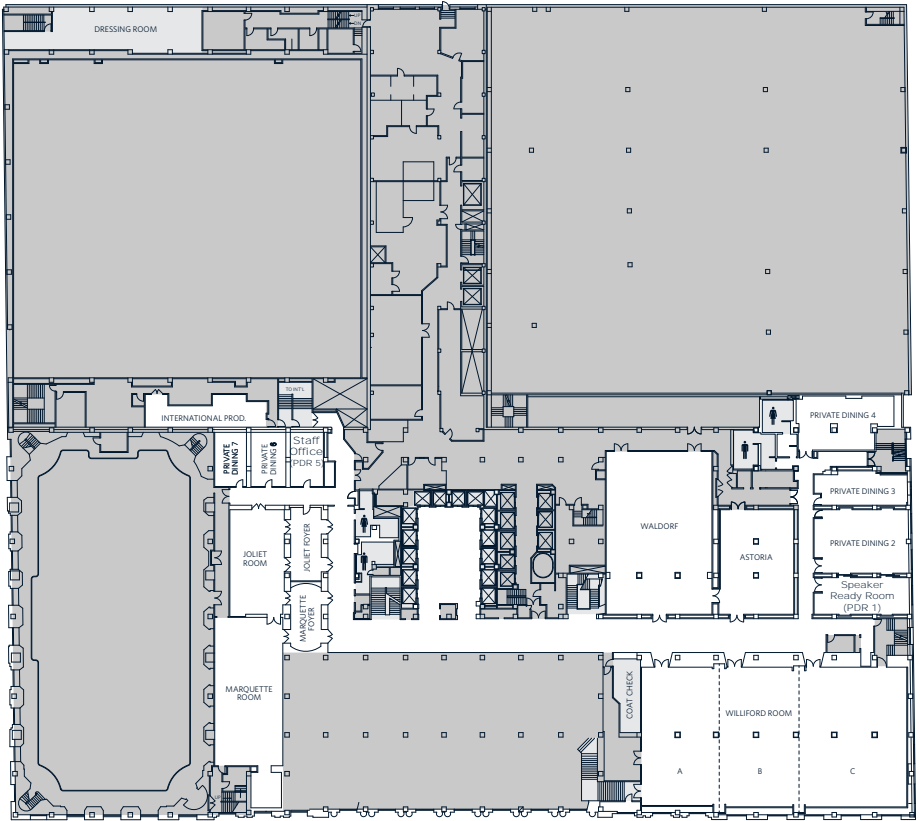
KEY

SECOND FLOOR

- Meeting/Conference Rooms
  - Amenities
  - Heart of House
- ADA Elevator
  - ADA Lift
  - Restrooms
  - Elevator
  - Freight Elevator



# Hilton Chicago Second Floor



KEY

THIRD FLOOR

- Meeting/Conference Rooms
  - Amenities
  - Heart of House
- ♿

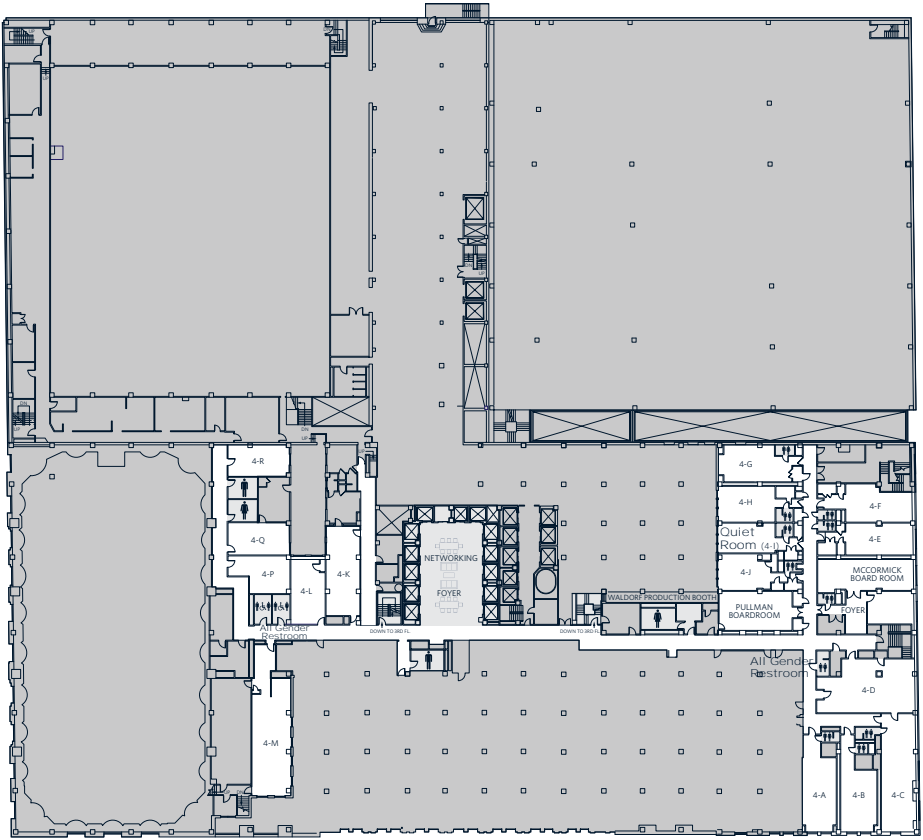
 Restrooms
  - ⊠

 Elevator



# Hilton Chicago Third Floor





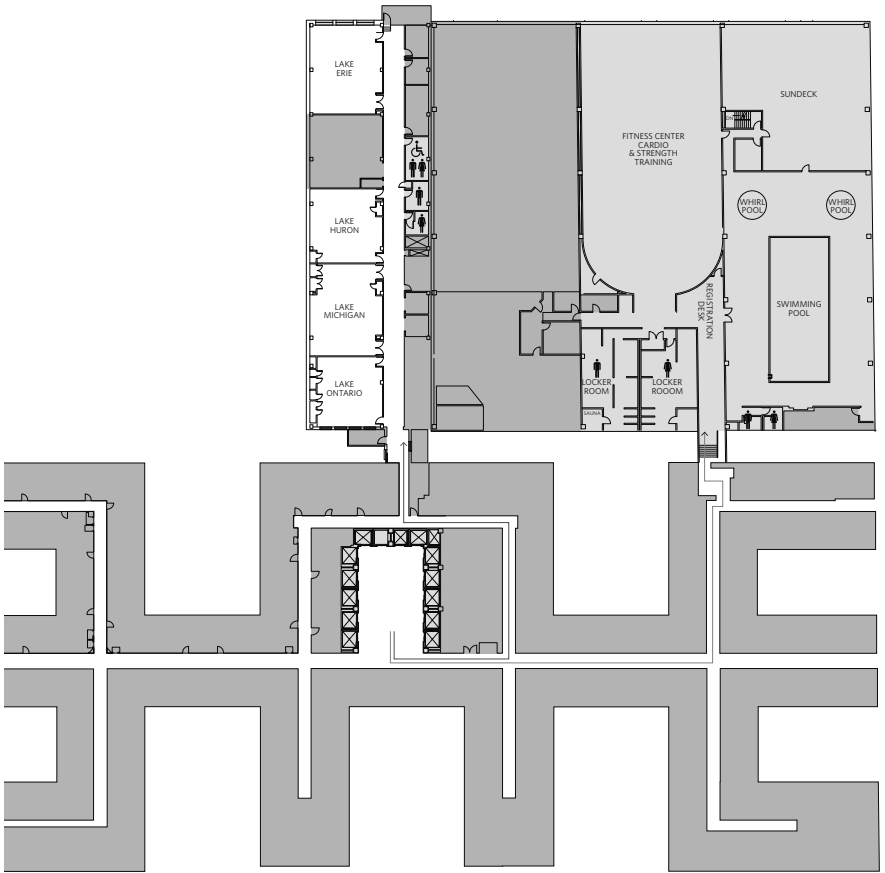
KEY

FOURTH FLOOR

- Meeting/Conference Rooms
- Amenities
- Heart of House
- Restrooms
- Elevator



# Hilton Chicago Fourth Floor



KEY

EIGHTH FLOOR

- Meeting/Conference Rooms
- Amenities
- Heart of House
- Restrooms
- Elevator



Hilton Chicago Eighth Floor

## Meeting Organizers, SAA Board of Directors, and SAA Staff

### **Program Committee Chair**

Sissel Schroeder  
University of Wisconsin–Madison

### **Program Assistant**

Megan E. Binkley

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 Tanya M. Peres  
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 Asa R. Randall  
 Caitlin G. Rankin  
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 Danielle J. Riebe  
 Chuck R. Riggs  
 Christopher I. Roos  
 Dawn M. Rutecki  
 Daniel H. Sandweiss  
 Kenneth E. Sassaman  
 Timothy M. Schilling  
 Ronald C. Schirmer  
 Mark R. Schurr  
 Ken Seligson  
 Carlton Quinn Shield Chief Gover  
 James M. Skibo  
 Karen Y. Smith  
 Monica L. Smith  
 Charles A. Speer  
 Todd A. Surovell  
 Amanda D. Roberts Thompson  
 Victor D. Thompson  
 T. L. Thurston  
 Heather B. Trigg  
 Michael R. Tritsch  
 Bethany L. Turner  
 Marcie L. Venter  
 Neill J. Wallis  
 Laura S. Weyrich

William Timothy Whitehead  
 Darryl Wilkinson  
 Joshua Wright  
 Eldon Yellowhorn  
 Richard W. Yerkes

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Chair**

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Foreman Bandama  
 Stacy Drake  
 Elizabeth Grávalos  
 Robert Hanserd  
 Jamie Kelly  
 Luis Muro  
 Eli Suzukovich III  
 Ashley Vance

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Oona Schmid

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Amy Rutledge  
Manager, Communications and  
Fundraising

Emma Sunseri  
Coordinator, Membership Services

Cheng Zhang  
Manager, Information Services

**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.***



SOCIETY FOR AMERICAN ARCHAEOLOGY



**CAMBRIDGE  
UNIVERSITY PRESS**

## General Information

### ABSTRACTS

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

### ACCESSIBILITY REQUEST

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

### 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](https://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](http://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](mailto: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](mailto: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](http://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](http://www.saa.org/annual-meeting/submissions)

The submission system for the SAA 88th Annual Meeting in Portland will open on May 3, 2022.

## Featured Sessions

### 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

	Wednesday	Thursday	Friday	Saturday	Sunday
Registration	2:00 p.m.– 8:00 p.m.	7:00 a.m.– 5:00 p.m.	7:00 a.m.– 4:00 p.m.	7:00 a.m.– 4:00 p.m.	7:00 a.m.– 8:00 a.m.
	<i>8th Street South Registration, 8th Street North Registration</i>	<i>8th Street South Registration, 8th Street North Registration</i>	<i>8th Street South Registration, 8th Street North Registration)</i>	<i>8th Street South Registration, 8th Street North Registration</i>	<i>Staff Office (PDR #5)</i>
Speaker Ready Room	2:00 p.m.– 8:00 p.m.	7:00 a.m.– 5:00 p.m.	7:00 a.m.– 6:00 p.m.	7:00 a.m.– 6:00 p.m.	
	<i>PDR #1</i>	<i>PDR #1</i>	<i>PDR #1</i>	<i>PDR #1</i>	
Ombuds Available	6:30 p.m.– 8:30 p.m.	8:00 a.m.– 12:00 p.m. and 1:00 p.m.– 6:00 p.m.	8:00 a.m.– 12:00 p.m. and 1:00 p.m.– 5:00 p.m.	8:00 a.m.– 12:00 p.m. and 1:00 p.m.– 5:00 p.m.	8:00 a.m.– 12:00 p.m.
	<i>Boulevard Coat Check</i>	<i>Boulevard Coat Check</i>	<i>Boulevard Coat Check</i>	<i>Boulevard Coat Check</i>	<i>Boulevard Coat Check</i>
Exhibits		9:00 a.m.– 5:00 p.m.	9:00 a.m.– 5:00 p.m.	9:00 a.m.– 5:00 p.m.	
		<i>International Ballroom</i>	<i>International Ballroom</i>	<i>International Ballroom</i>	
		<i>No food or drink will be served on Thursday</i>	<i>Refer to the Daily Digest for updates regard- ing concessions</i>	<i>Refer to the Daily Digest for updates regard- ing concessions</i>	
CRM Expo				1:00 p.m.– 4:00 p.m.	
				<i>Grand Ballroom</i>	

## 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 Associa-  
 tion (AAA) Session on “Diversifying  
 Archaeological Practice and Engage-  
 ment with Heritage and Knowledge  
 Production: An Ethical Imperative”

2:00 p.m.–6:00 p.m.  
*Conference Room 4B*  
 Register of Professional Archaeolo-  
 gists (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 Asso-  
 ciation (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 Inter-  
 est 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 Sen-  
 sors 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 Ball-  
 room 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 Com-  
 mittee 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 Cura-  
 tion, Collections Management, and  
 Collections-Based Research and  
 Education Committee Meeting

4:00 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 Archaeolo-  
 gists (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 Amer-  
 ican 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.–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.–2:00 p.m.  
*Conference Room 4A*  
 Publications Committee Meeting

1:00 p.m.–5:00 p.m.  
 Sessions

2:00 p.m.–4:00 p.m.  
*Conference Room 4B*  
 American Antiquity Editorial Board  
 Meeting

4:00 p.m.–5:30 p.m.  
*Grand Ballroom*  
 SAA Annual Business Meeting and  
 Awards Presentation

5:30 p.m.–7:00 p.m.  
*Williford C*  
 Lithic Technology and Analysis  
 Interest Group Meeting

5:30 p.m.–7:30 p.m.  
*Grand Traditions Room*  
 Reception of the Society of  
 Africanist Archaeologists

5:30 p.m.–7:00 p.m.  
*Williford B*  
 Public Archaeology Interest Group  
 Meeting

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. 1:00 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

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 I: 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](http://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](mailto: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, Máté 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?

**[3] SYMPOSIUM ■ COMPARING EARLY SOCIOPOLITICAL TRAJECTORIES ALONG THE NORTH PACIFIC COAST OF SOUTH AMERICA**

**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 Monumentality 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?

**[4] SYMPOSIUM ■ ARCHAEOLOGY OF THE NORTH AMERICAN ARCHAIC PERIOD**

**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 Bebbler—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 Val Verde County 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

**[6] FORUM ■ PATHWAYS TO FOOD PRODUCTION: REFLECTIONS ON THE CONTRIBUTIONS OF FIONA B. MARSHALL****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

**[7] FORUM ■ AFTER I GET MY DEGREE, WHAT'S NEXT? GOING FROM THE CLASSROOM TO THE PROFESSION****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

**[9] SYMPOSIUM ■ GEOPACHA: EXPANDING SCALES OF ARCHAEOLOGICAL ANALYSIS THROUGH IMAGERY-BASED SURVEY IN THE ANDES**

**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
- 9:45 Michael Meyer, Mark Aldenderfer, Luke Gliganic, Jan-Hendrik May and Zhijun Wang—Illuminating Tibet’s Past Using Novel Luminescence Techniques
- 10:00 Fabrizio Galeazzi—Online Collaborative Infrastructures and 3D Visualization for Documentation, Analysis, and Preservation in Archaeology

- 10:15 Paola Di Giuseppantonio Di Franco—Can DIGIFACTS Alter Museum Ecologies? A Talk about Sense of Touch, Affect, Authenticity, and Play
- 10:30 Questions and Answers

**[11] SYMPOSIUM ■ NEW INSIGHTS INTO THE TRANSITION FROM THE LATE PRECLASSIC TO THE EARLY CLASSIC IN THE CENTRAL MAYA LOWLANDS**

**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 Martinez, 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 (Petén, 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 dinastia Kaanu'l en los periodos del Preclásico al Clásico
- 9:30 William Folan, Joel Gunn, Pablo Mumary and Ma. Rosario Dominguez—Oxpemul at the Crossroads: Exploring Its Development
- 9:45 Milan Kovac and Dora Maritza García Patzán—Continuity and Discontinuity during the Transition Period (Terminal Preclassic–Early Classic) at Ujaxactun, 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
- 10:15 Karen Stevens—North American Indigenous Economies: Then. Now. Future.
- 10:30 John Chamblee—Institutionalized Exclusion in Social Theory
- 10:45 Barbara Voss—Discussant

**[13] SYMPOSIUM ■ PRACTICE OF GOVERNANCE: DISTINCTION, BUREAUCRACY, AND URBANISM IN ANCIENT MESOAMERICA**

**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 Jose/Ik'a 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

**[14] SYMPOSIUM ■ ANALYZING AND REANALYZING THE CONNECTIVITY BETWEEN THE SOUTHWEST/NORTHWEST AND MESOAMERICA**

**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 Aztatlán 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—Analog, 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  
Özbasaran—Urinating in the Neolithic: Geochemistry at the Aceramic  
Neolithic Site of Aşıklı Höyük, Turkey
- 10:00 Gunes Duru and Mihriban Özbasaran—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  
 11:15 Barnet Pavao-Zuckerman—Honor among Bees: Human Ecology in Colonial Period North America  
 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  
 10:15 Dawn Hadley—Crime and Punishment in Early Medieval England: Defining Adolescent Wrongdoers  
 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

**[18] SYMPOSIUM ■ BIOMOLECULAR ARCHAEOLOGY OF SECONDARY METABOLITES**

**Room:** Joliet

**Time:** 8:45 a.m.–12:00 p.m.

**Chair:** Mario Zimmermann

**Participants:**

- 8:45 Piyawit Moonkham—Holy Smokes: Historical Use and Residue Analysis of Cannabis and Smoking Pipes from a Northern Thai Temple
- 9:00 Tiffany Kite—Using Metabolomics to Gain a Deeper Understanding of Cultural Use of Yaupon Holly (*Ilex vomitoria*) and Cacao (*Theobroma cacao*)
- 9:15 Kate Shantry and Mario Zimmermann—Plant Residues on Hot Rocks from ʔácił tal=bix<sup>w</sup> (People) by the River in the Southern Salish Sea Region on the Northwest Coast of North America
- 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)
- 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
- 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
- 10:15 Questions and Answers
- 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
- 10:45 Corey Brownstein, Margo Schwadron, William Damitio and Paige Hawthorn—Ancient Residue Analysis on Ceramics and Shell Cups from Several Sites in Southern Florida
- 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
- 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
- 11:30 Timothy Ward, George Bey III 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)
- 11:45 Sean Rafferty—Discussant

**[19] SYMPOSIUM ■ ARCHAEOLOGY OF THE CIRCUM-CARIBBEAN  
INDIGENOUS POPULATIONS: NEW INSIGHTS INTO THEIR LIFEWAYS,  
MOBILITY, AND INTERACTIONS**

**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 ( $^{87}\text{Sr}/^{86}\text{Sr}$ ,  $\delta^{18}\text{O}$  and  $\delta^{13}\text{C}_{\text{en}}$ )
- 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 Abdolhazadeh 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 Conductive 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 Martinez—Spatial Models of  $\delta^{13}\text{C}$  and  $\delta^{15}\text{N}$  Modern Plant Distributions across the South Central Andes
- 22-d Marina Ellis and Logan Kistler—Archaeobotanical Impact of Precolonial 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 Iso-biographies of Nineteenth-Century Hawaiian Dogs
- 23-b Maria Codlin—Animal Subsistence Economies at a Mesoamerican Metropolis: Teotihuacan
- 23-c Joaquín Arroyo-Cabrales and Patricia Martínez-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 Dzhanakent, 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

**[24] POSTER SYMPOSIUM ■ MANAGING THE PAST INTO THE FUTURE:  
SHOWCASING CULTURAL RESOURCES MANAGEMENT PROJECTS AT  
US AIR FORCE AND SPACE FORCE INSTALLATIONS**

**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 Well Water System Annex, Holloman Air Force Base, Otero County, New Mexico
- 24-c Daron Duke, D. Craig Young, Anya Kitterman, Jaynie Hirschi and Konnie Wescott—An Introduction to the Hello Site: A 12,200-Year-Old Open-Air Haskett Camp in the Eastern Great Basin
- 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-e Lori Collins, Travis Doering, Thomas Penders and Konnie Wescott—Linking Lives above and below the Ground: Using Terrestrial Laser Scanning, Imaging, and Geospatial Mapping to Preserve and Manage Historic Cemeteries and Settlements on an Active Military Installation
- 24-f Marc Wampler, John Hunter, Hank McKelway, Shannon Allen and Shawn Chapman—Cultural Resource Investigations at Arnold Air Force Base, Coffee and Franklin Counties, Tennessee
- 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 Eglon 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 Gierke, 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

**[26] 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

**[27] 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 Shantray—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 Iñáñez, 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 Burt—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 Halfman 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
- 11:30 Dongming Wu—Identity and Economic Organization in Eastern Zhou China (770–256 BCE): A Statistical Analysis of the Sifangtang Cemetery
- 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 Tzacuil
- 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

**[35] 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, Ángel Iván Rivera and Jennifer Saumur—Sacred Narratives and Sacred Landscape in the Zapotec Region: The “Rua Bel’lia 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

**[35A] THE ETHICS BOWL**

**Room:** Waldorf Room

**Time:** 1:00 p.m.–3:00 p.m.

**[36] 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

**[37] 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:**

Marielka 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 Proviadia-Solnitsata: Evidence from Stable Isotopes  
 38-b Isabella Roselli, Lacey Carpenter and Hannah Lau—The Organization and Tools of Domestic Food Preparation at the Tilcajete 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 ■ ARCHAEOOMETRY****Room:** Poster Hall**Time:** 1:00 p.m.–3:00 p.m.**Participants:**

- 39-a Tyler Roberts, Amber Carroll and Khori Newlander—Distinguishing between Historic Glass Makers in the Middle Atlantic Using Portable X-Ray Fluorescence Spectrometry  
 39-b Amber Carroll, Tyler Roberts and Khori Newlander—Building a Recipe Book of Historic Pottery Using Portable X-Ray Fluorescence Spectrometry



- 39-c Lauren Finnigan—Material Properties and Identification of Historic Brick in the Lower Great Lakes.
- 39-d Jon Russ, Logan Rayburn, Sarah Ginsburg, Asya Bray and Francisco Nuñez-Parker—Atmospheric Aerosols as a Source of Oxalate in Rock Coatings Covering Rock Art in the Lower Pecos Canyonlands
- 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

- 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 Owingeh
- 41-k Emma Britton and David Ingleman—Back to Boas, Forth to Sunseri: An Academic Phylogeny of Judith A. Habicht-Mauche
- 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:** Odlanier 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 Odlanier 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

**[45] SYMPOSIUM ■ INCLUSION, EXPANSION, AND HUMILITY IN NORTH AMERICAN ARCHAEOLOGY: PAPERS IN HONOR OF KENT G. LIGHTFOOT, PART I**

**Room:** Lake Erie

**Time:** 1:00 p.m.–3:30 p.m.

**Chairs:** Seth Mallios and Kathleen Hull

**Participants:**

- 1:00 Elliot 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 PALEOLANDSCAPES 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 Coddling, 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 Coddling, 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 Coddig, 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 Scarborough, 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—Kanu'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 Precolumbian 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 Tepeticpac, Mexico
- 3:00 Victor Castillo—Colonial Highland Maya Dance: Archaeological and Historical Perspectives from the Murals of Chajul, Guatemala
- 3:15 Scotti Norman—Relocating Revitalization: The Changing Landscape of an Anti-Catholic Counterpublic in Sixteenth-Century Highland Peru
- 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 Reimagining 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

**[53] 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 I, Tikal, Guatemala
- 2:45 Johann Begel and Julien Hiquet—Skull Offerings: The Koxol Offertory 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

**[54] 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 Weiyu—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 Peru-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 Hoggarth, 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, Rocío 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] SYMPOSIUM ■ 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
- 2:15 Carey Baxter and Susan Enscoe—Evaluating Historic Farmstead on Military Training Lands: A Streamlined Methodology for NRHP Eligibility Determination
- 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 Esdale, 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 Kathlyn 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-I 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 Ángela 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 Kixpek, 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

**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 Dominguez-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 Cuahtémoc 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 <sup>14</sup>C 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-WO-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-c Jacob Bledsoe, Cody Wolfe, Madeleine Hoffman, Hunter Bellamy and Lona Cobb—Exploring Home: Spicy Baxter and Family
- 66-d Anne Curry—Assessing the Impacts of Fire on Surface Artifacts

- 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 Paleolandscapes 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 Claira 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 Sofía 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 Chincha Valley, Peru, Using Pollen Analysis and pXRF
- 8:45 Alejandra Vidal-Elgueta, Hannelz Roschztardt, 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 tardío del norte peruano
- 9:30 Christian Mesia-Montenegro and Angel Sanchez-Borjas—Macabalaca: New Evidence for the Kotosh Religious Tradition in the Huarmey Valley, Peru

**[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 Bebbber

**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 Bebbber 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 Archaeometry
- 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 Shiung 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 Rafaela 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
- 9:45 Carey Garland, Victor Thompson, Matthew Sanger and Karen Smith—A Multiproxy Assessment of the Impact of Climate Change on Estuarine Resources for Late Holocene (ca. 4500–3800 BP) Native American Villages of the Georgia Coast
- 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 Resilience: 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, Tiffany 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 Huarochiri (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 MacIver—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 Andrefsky—Discussant
- 11:45 Questions and Answers

**[84] SYMPOSIUM ■ BORDERLANDS OF THE ANDES: PEOPLES, POLITIES, AND PASTS OF THE CHAUIYUNGA 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

- 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, Inter marriage, 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 Precolumbian 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
- 10:15 Juan Belardi, Cristian Kaufmann, Agustina Massigoge, Luis Borrero and María Gutiérrez—Taphonomic Study of Modern Guanacos Killed by Winter Stress in Southern Patagonia (Argentina): Implications for the Study of the Archaeological Record



- 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
- 9:15 Myles Miller III—Mountains, Caves, Storm Gods, Ancestors: The Deep Time Origins of Jornada-Mimbres Cosmologies
- 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 Pales 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 Tiffany 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 Pependorf, 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

**[90] 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 Paleosurface 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

**[91] 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 Osoreo 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 Baitzel—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 Kastrá of Kalymnos, Greece
- 93-b Kelly McGehee 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 Connley 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 Roldan—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
- 9:15 Brendan Nash, Thomas Talbot and Henry Wright—Excavations at the Belson Site: A Clovis Locality in SW Michigan (2020–2021)
- 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 Alvisé Barbieri, João Cascalheira, Vera Aldeias and Nuno Bicho—Upper Paleolithic Foragers on a Slope: Geoarchaeological Data from Vale Boi (Southern Portugal)
- 9:30 Joao 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:**

- 10:15 Amanda Castañeda, Aaron Brien and Lawrence Loendorf—Traditions Set in Stone: Exploring Apsáalooke Connections to Rock Art on the Middle Fork of the Powder River
- 10:30 Emily Van Alst—Heñáka pñěžúta: 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
- 11:30 Carolyn Boyd, Diana Radillo Rolón, James Dering and Karen Steelman—El Núcleo Duro: In Search of the Archaic Core in PRS Pictography
- 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 Marroquín—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—Àjògbé and Àjòbí: 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 Galmés, 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 Galmés, 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 (13WD8), Woodbury County, Iowa
- 113-d Amanda Lloyd, Kelley Hayes-Gilpin and Leszek Pawłowicz—Virtual  
Applications in Southwest Public Archaeology: Digital Platforms, Access,  
and the Effects of a Pandemic

- I13-e Christopher Nicosia—Preliminary Results of the Spatial Analysis of Nonspecific Stress in Three Regions of Ancient North America
- I13-f Paul Burnett and Jonathan Libbon—Archaeological Spatial Patterning in Northern Ohio
- I13-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
- I13-h Morgan Ferrell, Caroline Jasiak and John Schultz—Photogrammetric Point-Cloud Replicability When Documenting Forensic Archaeological Scenes under Variable Lighting Conditions
- I13-i Galen McCloskey—New Research into Previously Unrecorded Sites in Northwestern Arizona
- I13-j Olivia Thomsen—Immersive Imaging: A Digital Examination of Mealing Spaces in Chacoan Communities
- I13-k Rachel Fernandez and Charlene Collazzi—The Digital Archive of Huhugam Archaeology (DAHA)

#### [I14] **POSTER SESSION ■ CONSERVATION AND WORK WITH MUSEUM COLLECTIONS**

**Room:** Poster Hall

**Time:** 1:00 p.m.–3:00 p.m.

#### **Participants:**

- I14-a Aspen Kemmerlin—Exploring the Possibilities of Active Learning through Collections-based Archaeology Courses
- I14-b Teresa Rucker—Iowa's Groundbreaking Archival Program: Building Digital Capacity for Midcontinent Archaeological Research
- I14-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
- I14-d Elizabeth Bridges White and Mary Hynes—Moorehead's Cahokia Legacy: Curation and Archival Contributions
- I14-e Elizabeth Minette, Zoe Milburn and Zack Gilmore—Learning through Legacy Collections: A Case Study from Central Florida
- I14-f McKenzie Alford—Virtual Preservation of Archival Media from the Historic Freedman Sites of the Richland Creek Archaeological Project (Freestone and Navarro Counties, Texas)
- I14-g Alisa Luthra and Lazaro Vinola Lopez—Population Variation among Extinct Species of Rodents Informs about Exploitation of Resources on the Island of Hispaniola
- I14-h Breece Edwards, Michael Lewis, Chris Bailey, Cheryl Pouley and Dustin Hawks—Conceptualizing Western Oregon Stone Bowls as Funerary Objects: A Pilot Study
- I14-i Michael Nielsen, Christian Koch Madsen, Aka Bendtsen, Birte Olsen and Thomas McGovern—Thule Culture in South Greenland 1500–1900



- 114-j Laura Zacharias and Khori Newlander—Amateur Collections Need Love Too: How the Kramer Assemblage Adds to Our Understanding of Precontact Eastern Pennsylvania
- 114-k Katherine Patton, Arthur Anderson and M. Gabriel Hrynick—Integrating Existing Collections with Small-Scale Testing: Preliminary Results from Sipp Bay, Downeast Maine
- 114-l 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

**[115] 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

**[116] 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

**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 Geoarchaeology 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

**[120] 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 Izuhō, Kazuki Morisaki, Katsuhiko 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

**[121] 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

### [122] **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

**[124] SYMPOSIUM ■ THE ANTISUYU AND BEYOND: THE CREATION OF BORDERS AND THE RUPTURE OF AMAZONIAN AND ANDEAN RELATIONS**

**Room:** Astoria Room

**Time:** 1:00 p.m.–4:15 p.m.

**Chairs:** Sonia Alconini and Carla Jaimes Betancourt

**Participants:**

- 1:00 Eric Dyrdaahl and Carlos Montalvo—Late Formative (800–400 cal BC) Social Networks in Northern Ecuador: The Evidence from Las Orquídeas, 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: Samaipata 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 Sandí 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 Idalí 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 Osoro 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 Aztlán 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—Winkiiil: 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

**[129] 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 <sup>14</sup>C 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 <sup>14</sup>C 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

**[130] 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

**[131] SYMPOSIUM ■ 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-Bearing Sites in the San Juan Islands of Washington State
- 3:15 Elizabeth Sobel and Anna Antoniou—Meaningful Middens: Indigeneity, Self-Determination, and Shellfish Amid Colonization in Willapa Bay, Washington
- 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 Tesseræ 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

**[134] FORUM ■ STATE OF THE STATE: THE STATUS OF ARCHAEOLOGY IN THE UNITED STATES**

**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

**[135] FORUM ■ MARITIME PREHISTORY OF NORTHEAST ASIA 2: EMERGENCE OF INTENSIVE MARITIME LIFEWAYS IN THE HOLOCENE**

**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  
Junko Habu—Discussant  
Peter Jordan—Discussant  
Jangsuk 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
- Jarrold 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

**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 rë? 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 ■ ARCHAEOLOGIES 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

**[146] 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 Sundström—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 Huitzil—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

**[147] 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 Borovinić—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 Herd 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 Costopoulos—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 Carmo—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

**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 Mothulatsipi—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 Vidhyarthee 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

**[150] 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 Dominique 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 Holguin—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 Paleoeology
- 10:45 Daniel Sandweiss—What the Shells Tell: Interdisciplinary Malacoarchaeology 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

**[152] 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
- 10:15 Robert Weiner, Richard Friedman and John Stein—Monumental Roads of the Chaco World: New Fieldwork and Insights
- 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 Politics: 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
- 8:45 Olivia Navarro-Farr, Michelle Rich, Keith Eppich and Griselda Perez—Researching the Past, Investing in the Present: Relationship Building and Community Engaged Scholarship in Parque Nacional Laguna del Tigre, Petén, 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:**

- 8:00 Claire Chanteraud, Hélène Salomon, Emilie Chalmin, Eric Goemaere and Jean-Victor Pradeau—Step-by-Step Study of a Geochemical Dataset: Epistemology around the Study of Iron Rich Rocks
- 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 Olieboomspoor, Limpopo, South Africa
- 8:30 Adeline 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 Ágredos Pascual, Núria  
Feliu Beltrán, Catarina Pereira Miguel and Carlo Emanuele Bottaini—  
Pigments and Color Technology among the Ancient Mayas: The Mural  
Painting of Substructure 6J2-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 Precolumbian 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

**[156] SYMPOSIUM ■ IN MEMORY OF WENDY ASHMORE: LANDSCAPES OF  
MEANING, BIOGRAPHIES OF PLACE, AND ARCHAEOLOGIES OF  
COMPASSION, PART I**

**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

**[157] 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 Yopez 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

- 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 Tiffany 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

- 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-j Maxime Lamoureux-St-Hilaire and C. Matthew Saunders—The Mayanist: Open-Access, Peer-Review, Sweet Art, and Free Bilingual Publishing
- 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 Coddig—Firewood as a Primary Constraint on Settlement Location
- 160-c David Grogan and Mark Golitko—Population Density Predicts Buffer Zone Width: Implications for Archaeological Population Estimation
- 160-d Caroline Watson and Jennifer Kahn—The Formation of Elite Ritual Inland Secondary Centers in the ‘Opunohu Valley: A GIS Approach
- 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-g Eric Jones, Jordan Davis, Wyatt Fleming, Amber Wellings and Kelli Hajek—Social and Economic Landscapes of Dairy Farming in Madison County, NY, 1850–1950
- 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 Taxis—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 Precolumbian 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 I 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

**[170] SYMPOSIUM ■ COVID-19: ASSESSING THE IMPACTS OF A GLOBAL PANDEMIC ON ARCHAEOLOGY****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 Iribe 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 (5MT1905) 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, Morgen 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 Pflieger, 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 Corodéguchi
- 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 Río Sonora and Serrana Worlds



**[177] 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 Chicomoztoc: 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—Speleoarchaeological 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 Paleogenomics
- 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

**[178] 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

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

*(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 Homesites: 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 Geoaerchaeology 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 Jiaping 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 Jiaping 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 Qiushi 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] SYMPOSIUM ■ 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 Dogandžic 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 for 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 Chipps 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 Leticia 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

**[188] 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

**[189] 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 Solsiré 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 McCuiston 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, Mailys 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 Neshar Ramla: A Contribution from the Charcoal Analyses
- 2:30 Midori Intrator—Equids in the Levantine Middle Paleolithic: The Case of Neshar Ramla
- 2:45 Florent Rivals—Dental Meso- and Microwear of the Aurochs from Neshar Ramla: Paleoeological and Archaeological Implications
- 3:00 Meir Orbach—Death by the Water Hole: The Neshar 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 Neshar Ramla, Israel: A Case Study from the Upper Sequence
- 3:30 Reuven Yeshurun, Hila May and Kathryn Crater Gershtein—Neshar 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 Neshar Ramla, Israel
- 4:00 Zohar Turgeman-Yaffe—The Organization of the Hunt in the Middle Pleistocene Levant: Unit V in Neshar Ramla, Israel
- 4:15 Laura Centi and Francesco Valletta—To Err Is Human: Assessing Patterns of Knapping Expertise along Neshar 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 Neshar 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 Neshar Ramla

**[192] SYMPOSIUM ■ EXPLORING ANDEAN CULTURES AND CIVILIZATIONS: PAPERS IN HONOR OF RICHARD L. BURGER**

**Room:** Boulevard C

**Time:** 1:00 p.m.–5:00 p.m.

**Chairs:** George Lau, Gabriel 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 Chavin Punta within the Chavin Phenomenon
- 2:00 Yuichi Matsumoto—Identifying “Branch Shrine” in the Chavín 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, Tiffany 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 Yahuary Alta during the Early Middle Horizon (~AD 600–800)
- 3:00 Matthew Biber 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

**[195] 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 McNany and George Nicholas

**Participants:**

Margaret Conkey—Discussant

Randall McGuire—Discussant

Lindsay Montgomery—Discussant

Larry Zimmerman—Discussant

Chip Colwell—Discussant

Dorothy Lippert—Discussant

**[196] 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

3:30 Charles Bello—Application of the Unified Federal Review Process: Case Studies from Indian Country

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

**[197] 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
- 4:30 Amalie Hipp—D&RGW R.R. South Fork “Waiting House” Passenger Shed: Colorado State Register of Historic Properties Eligibility Assessment
- 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  $\delta^{13}\text{C}$  Values of *C<sub>3</sub> 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 Puento, Chiapas, México: Early Public Spaces in a Highland Maya City
- 4:00 Ramon Folch—Postclassic Sites in the Tepancuapan 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



- 4:00 Stephanie Lozano—Understanding the Teotihuacan Tlaloc through Relational Ontology
- 4:15 Yamile Lira-Lopez—La cultura material de una unidad habitacional del periodo Clásico en el Valle de Maltrata, Veracruz
- 4:30 Virginia Arieta Baizabal and Ann Cyphers—Arqueología del pasado reciente: El caso de las esculturas Olmecas de Antonio Plaza, Veracruz
- 4:45 Victor Salazar Chávez and Jeffrey Blomster—It IS Agriculture: Highland Perspectives on Maize Agriculture before 1000 cal BCE

**[202] SYMPOSIUM ■ ARCHAEOLOGY OF CAVES AND ROCK SHELTERS**

**Room:** PDR #3

**Time:** 4:00 p.m.–4:45 p.m.

**Chair:** Richard Niquette

**Participants:**

- 4:00 Megan Harris—A Tale of Two Rockshelters: Preliminary Lithic Analysis from Two Rockshelters in the Similkameen Valley, BC
- 4:15 Jennifer McCrackan, Eric Weaver and Steve Baumann—Ice Cave Usage at El Malpais National Monument
- 4:30 Richard Niquette and Rolfe Mandel—Stratigraphy and Site Formation at San Esteban Rockshelter in the Big Bend Region of Southwest Texas

**[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:**

- 4:00 Keri Burge, Brigid Ogden, Barbara Heath and Anneke Janzen—Exploring Early Colonial Animal Management Practices in Virginia: A View from Coan Hall
- 4:15 Brigid Ogden and Anneke Janzen—“Exceeding Ill-Husbandry”: A Stable Isotope Analysis of Livestock Management Strategies in Seventeenth- and Eighteenth-Century Virginia
- 4:30 Gabrielle Purcell—Sustaining a Nation: Changes to Cherokee Foodways during Colonization
- 4:45 Katherine Parker—Excavating Moonshine: An Overview of the Archaeological Applications of Still Site Research

### 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
- 9:00 M. Kathleen Davis, Lucas Martindale Johnson, Kyle Freund and Daron Duke—Very Small Rocks: Exploring Specimen Size Limits in Trace-Element Analysis of Obsidian Flaked Stone with Portable XRF
- 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 Constan—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
- 9:15 Marion Coe—Coiled Café: Reconstructing Gender in the Eastern Great Basin Using Perishable Artifacts
- 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
- 9:45 Joseph Crary, Stephen Germick and Thatcher Rogers—When Pots Equal People: A Strong Case for Eleventh- and Twelfth-Century Migrations in Central Arizona
- 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 Preceramic 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?
- 10:00 Tom Dillehay—The Andean Preceramic Neolithic in North Coastal Peru
- 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 Tumulaca-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: Estuquía 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] SYMPOSIUM ■ 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—INFOTEC 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 Think 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 Ronsairo, 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

- 11:00 Stephen Whittington and Soren Frykholm—Spatial Analysis of Chiyo Cahnu (Teozacoalco), Oaxaca
- 11:15 Bradford Andrews—Imperial Impacts: Calixtlahuaca's Stone Tool Economy before and after Aztec Conquest
- 11:30 Lorena Medina Martínez—Contact Period Architecture in the Sixteenth-Century Capital of New Spain

**[221] 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 Helena Meinecke, Diana Recio, Abiud Pizá, Germán Yáñez and Gabriel León—Underwater Cultural Heritage in the Karst Systems of the Yucatan Peninsula: The Role of the Atlas of Caves and Cenotes, SAS-INAH
- 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

**[222] 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
- 10:15 Ruth Musser-Lopez—Lump or Split? Determining Archaeological Site Boundaries Using Spatial Statistical Analysis
- 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

**[223] 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
- 10:45 Ian Kretzler and Briece Edwards—Kanwai Ikta: Flipping the Script in Discussions of Indigenous Presence
- 11:00 Matthew Beaudoin—Archaeological Taxonomy as Violence in Ontario CRM
- 11:15 Carlton Shield Chief Gover—Stories in Radiocarbon: Dating Indigenous Oral Histories
- 11:30 Jennifer Birch, Turner Hunt, Louis Lesage, Jean-Francois Richard and Linda Sioui—Advancing Indigenous-Led Research Agendas through Collaborations around Radiocarbon Dating and Artifact-Independent Chronologies
- 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 Juárez—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

## SAA Awards, Scholarships, and Fellowships

### AWARD FOR EXCELLENCE IN ARCHAEOLOGICAL ANALYSIS

Established in 2001, this award recognizes the excellence of an archaeologist whose innovative and enduring research has made a significant impact on the discipline. Nominees are evaluated on their demonstrated ability to successfully create an interpretive bridge between good ideas, empirical evidence, research, and analysis. This award now subsumes three themes presented on a cyclical basis: (1) an Unrestricted or General Category, (2) Lithic Analysis, and (3) Ceramic Analysis.

- 2001 George L. Cowgill
- 2002 Robin Torrence
- 2003 Carol Kramer (*posthumous*)  
Hector Neff
- 2004 David Lewis-Williams
- 2005 George H. Odell
- 2006 Michael Brian Schiffer
- 2007 Robert L. Bettinger
- 2008 William Andrefsky Jr.
- 2009 Judith Habicht-Mauche
- 2010 Timothy A. Kohler
- 2011 Steven Shackley
- 2012 James Skibo
- 2013 Gayle Fritz
- 2014 Harold Lewis Dibble
- 2015 Barbara J. Mills
- 2016 Barbara Voorhies
- 2017 Steven Kuhn
- 2018 Joseph W. Ball
- 2019 Jonathan Mark Kenoyer
- 2020 Rafael Alejandro Pastrana Cruz
- 2021 Michael B. Collins

### ARTHUR C. PARKER SCHOLARSHIP

This scholarship supports training in archaeological methods for students and personnel of tribal or other Native cultural preservation programs who are from Native or Indigenous populations in the United States and Canada. The scholarship is named in honor of SAA's first president, Arthur C. Parker, who was of Seneca ancestry.

- 1998 Angela J. Neller
- 1999 Iwalani Ching
- 2000 Randy Thompson
- 2001 Cynthia Williams
- 2002 Nola Markey
- 2003 Kalewa Skye Arie Correa
- 2004 Sean P. Naleimaile
- 2005 Larae Buckskin
- 2006 Malia Kapuanalani  
Evans-Mason
- 2007 Ora Marek
- 2008 Marie Sina Faatuala
- 2009 Travis Maki
- 2010 Paulette Faith Steeves
- 2011 Kamakana Christian Ferreira
- 2012 Ashleigh Thompson
- 2013 Rebecca Heidenreich
- 2014 The Navajo Nation  
Archaeology Department
- 2015 Brittney Diesbourg
- 2016 Beau Duke Carroll
- 2017 Lawrence Shaffer
- 2018 Jay Rapoza
- 2019 Jacque Kocer
- 2020 Patrick Burt

**BERTHA PARKER CODY  
AWARD FOR NATIVE  
AMERICAN WOMEN**

Bertha Parker Cody Award for Native American Women supports undergraduate and graduate studies, including but not limited to tuition, travel, food, housing, books, supplies, equipment, and child care. This award is partially funded by the Autry Museum of the American West.

2021 Jacque Kocer

**BOOK AWARD**

Established in 1995 to honor a recently published book that has had, or is expected to have, a major impact on the direction and character of archaeological research. The prize was awarded for the first time at the 61st Annual Meeting.

- 1996 Mary C. Stiner  
 1997 Bruce D. Smith  
       Carmel Schrire  
 1998 Tom D. Dillehay  
       Stephen Plog  
 1999 Mark Lehner  
       Jon Muller  
 2000 Clive Gamble  
 2001 William W. Fitzhugh  
       Elisabeth I. Ward  
 2002 Lewis Binford  
       Anne-Marie Cantwell &  
       Diana DiZerega Wall  
 2003 Kathleen Deagan &  
       José María Cruxent  
       Thomas F. King, Randall S.  
       Jacobson, Karen Ramey Burns  
       & Kenton Spading  
 2004 Brian Fagan

- T.J. (Tony) Wilkinson  
 2005 Susan Toby Evans  
       Kelley Hays-Gilpin  
 2006 Peter Bellwood  
       James E. Bruseh & 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

### **CHARLES STANISH AWARD (EL PREMIO ANUAL CHARLES STANISH PARA ASISTIR A LA REUNIÓN ANUAL DE LA SAA)**

The Charles Stanish Annual Award was established to attend the annual meeting of the SAA to assist in the professional development of Peruvian and Bolivian archaeologists in the early stages of their careers. / Se estableció el Premio Anual Charles Stanish para asistir a la reunión anual de la SAA para ayudar en el desarrollo profesional de los/las arqueólogos/as peruanos/as y bolivianos/as en las primeras etapas de su quehacer profesional.

- 2019 Diana Carhuanina
- 2020 Carlos Osoreo Mendives
- 2021 Kodiak Aracena Delgadillo

### **CHERYL L. WASE MEMORIAL SCHOLARSHIP**

Archaeologist Cheryl L. Wase spent most of her career working in the high deserts of New Mexico. She died at the too-young age of 53 in 2004. When her mother, Jane Francy Wase, passed away in 2013, she left a bequest to the Society for American Archaeology to endow a memorial scholarship in her daughter's name. This generous memorial bequest brings together three major themes that defined Cheryl Wase's life: her dedication to archaeology, her love for New Mexico, and her constant willingness to help and support other women. The Wase Scholarship offers continuing support to eligible students. Listed below are each year's new recipients.

- 2016 Kayla Brown  
Keighley Hastings  
Kailey Martinez  
Samantha Ascoli
- 2017 Esmeralda Ferrales  
Eden Franz  
Carol Woodland
- 2018 Heather Hendrickson  
Miranda LaZar  
Melissa Perez  
Jamie Stevens
- 2019 April Brown  
Mariah Medina  
Samantha Morley  
Sorayah Romero  
Fiona Shaffer
- 2020 Kayla Abeyta-Lopez  
Reina Bravo

Robin Christofani  
 2021 Nadia Gilpin  
 Sabrina Gonzalez  
 Autumn Myerscough  
 Tiffany Neas  
 Jacquelyn Truitt

### 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 Reza Jones  
 1999 Gene L. Titmus  
 2000 Richard P. Mason  
 2001 John D. "Jack" Holland  
 2002 Richard A. Bice  
 2003 Dr. Guillermo Mata Amado  
 2004 Robert Patten  
 2005 Eugene C. Winter Jr.

2006 Karl Herbert Mayer  
 2007 Jay C. Blaine  
 2009 Paul Tanner  
 2010 Larry Kinsella  
 2011 George Poetschat  
 2012 John T. Dowd  
 2013 Edward and Diane Stasack  
 2014 Francis H. "Frankie" Snow  
 2015 Tom Middlebrook  
 2016 Steven Freers  
 2017 Daniel Wendt  
 2018 James Warnica  
 2019 Peter Boyle  
 Janine Hernbrode  
 2020 Marilyn Markel  
 2021 Lonnie Ludeman

### AWARD FOR EXCELLENCE IN CULTURAL RESOURCE MANAGEMENT

Established in 1994 to recognize lifetime contributions and special achievements by an archaeologist in one of three areas: program administration and management, site preservation, and research. Each year the award is given in one area on a rotating basis.

1994 Hester A. Davis  
 1995 Lawrence E. Aten  
 Calvin R. Cummings  
 Shereen Lerner  
 1995 Charles R. McGimsey III  
 1996 William R. Hildebrandt  
 1997 James J. Miller  
 1998 David A. Frederickson  
 1999 David G. Anderson  
 2000 Robert Jackson  
 2002 Laurence W. Spanne  
 2003 John Milner Associates &  
 The General Services  
 Administration  
 2004 Linda Mayro

- 2005 Arizona Site Steward Program
- 2007 George Smith
- 2008 John Walthall
- 2009 Mike 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 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

**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

- 2008 Sarah G. Bergh
- 2009 Kayla L. Pettit
- 2010 Ashley Sharpe
- 2011 Carla Hadden
- 2012 Angela R. Perri
- 2013 Shoshana Rosenberg
- 2014 Sarah Raffae MacIntosh
- 2015 Allison L. Wolfe
- 2016 Arianne Boileau
- 2017 Kate Tardio
- 2018 Ashleigh Rogers
- 2019 Weronika Tomczyk
- 2020 Christine A. Mikeska
- 2021 Jemima Georges

### DISSERTATION AWARD

Presented to an archaeologist just entering the profession whose doctoral dissertation is judged to be particularly outstanding. The prize consists of a three-year membership in the Society.

- 1988 Judith A. Habicht Mauche (Harvard Univ)
- 1990 David J. Bernstein (SUNY Binghamton)
- 1991 David Anderson (Univ of Michigan)
- 1992 Lynette C. Norr (Univ of Illinois)
- 1993 Cathy Lebo (Indiana Univ)
- 1994 Mary Van Buren (Univ of Arizona)
- 1995 David R. Abbott (Arizona State Univ)
- 1996 Daniel R. Finamore (Boston Univ)
- 1997 Alvaro Higuera Hare (Univ of Pittsburgh)
- 1998 Mark D. Varien (Arizona State Univ)
- 1999 Karen G. Harry (Univ of Arizona)

- 2000 Alex Barker (Univ of Michigan)
- 2001 Andrew I. L. Duff (Arizona State Univ)
- 2002 Silvia R. Kembel (Stanford Univ)
- 2003 Wesley Bernardini (Arizona State Univ.)
- 2004 Ian G. Robertson (Arizona State Univ)
- 2005 Severin M. Fowles (Univ of Michigan)
- 2006 Elisabeth Hildebrand (Washington Univ)
- 2007 Matthew Liebmann (Univ of Pennsylvania)
- 2008 Kevin D. Fisher (Univ of Toronto)
- 2009 Timothy C. Messner (Temple Univ)
- 2010 Sarah Clayton (Arizona State Univ)
- 2011 Scott G. Ortman (Arizona State Univ)
- 2012 Christopher Morehart (Northwestern Univ)
- 2013 Amanda Logan (Univ of Michigan)
- 2014 Matthew A. Peeples (Arizona State Univ)
- 2015 Alan Farahani (Univ of California, Berkeley)
- 2016 Guy David Hepp (Univ of Colorado, Boulder)
- 2017 Bernadette Cap (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 Hauray
- 1986 Waldo R. Wedel
- 1987 William A. Ritchie
- 1988 Richard B. Woodbury  
Nathalie F. S. Woodbury
- 1989 George Irving Quimby
- 1990 Fred Wendorf
- 1991 Douglas Schwartz
- 1992 John E. Yellen
- 1993 George J. Gumerman
- 1994 Hester A. Davis
- 1995 Stuart Struever
- 1996 Robert McCormick Adams
- 1997 Dena Dincauze
- 1998 Raymond H. Thompson
- 1999 James A. Brown
- 2000 William D. Lipe

### **DOUGLAS C. KELLOGG FELLOWSHIP FOR GEOARCHAEOLOGICAL RESEARCH**

Under the auspices of the Society for American Archaeology's Geoarchaeology Interest Group, family, friends, and close associates of Douglas C. Kellogg formed a memorial fund in his honor. The fund will provide support of thesis or dissertation research, with emphasis on the field and/or laboratory parts of this research, for graduate students in the earth sciences and archaeology.

- 2003 Aleksander Borejsza
- 2005 Ian Buvitt
- 2006 Heidi Luchsinger
- 2007 Katherine A. Adelsberger
- 2008 Kurt Rademaker
- 2009 Benjamin R. Vining
- 2011 Teresa Wriston
- 2012 Joe D. Collins Jr.
- 2013 Craig Fertelmes
- 2014 Michael Aiuvalasit
- 2015 Bryn Letham
- 2016 Jennifer Kielhofer
- 2017 Justin Nels Carlson
- 2018 Rachel Cajigas
- 2019 Jacob P. Warner
- 2020 A.J. White
- 2021 Helen Thompson

### **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

### **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

### **FRED PLOG MEMORIAL FELLOWSHIP**

The Fred Plog Memorial Fellowship is named for a major archaeologist in Southwest research who also was an inspiring teacher.

- 1999 Sarah Herr
- 2001 Deborah Huntley
- 2005 Greg Schachner
- 2007 Michael Mathiowetz  
Todd Pitezal
- 2008 Deanna Grimstead
- 2009 Samuel Duwe
- 2010 Matthew Peeples
- 2011 William Reitze
- 2012 Joshua Watts
- 2013 Katherine Dungan
- 2014 Christopher W. Merriman  
Kathryn J. Putsavage
- 2015 Saul L. Hedquist
- 2016 Jacob Lulewicz
- 2017 Katelyn Bishop
- 2018 Reuven J. Sinensky
- 2019 Megan Anne Conger
- 2020 Emily Kate  
Christopher Schwartz
- 2021 Mark Agostini

### **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*)  
 2018 Nicholas St. Fleur (*New York Times*)  
 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

**AWARD FOR EXCELLENCE  
IN LATIN AMERICAN AND  
CARIBBEAN ARCHAEOLOGY**

Initiated in 2010 to recognize an individual who has made a lasting and significant contribution to the practice of archaeology and/or to the construction of archaeological knowledge in Latin America or the Caribbean.

- 2011 Jeremy A. Sabloff
- 2013 Luis Guillermo Lumbreras Salcedo
- 2014 Luis Alberto Borrero
- 2015 Jeffrey Parsons
- 2016 Robert D. Drennan
- 2018 Maria Victoria Castro Rojas
- 2020 Elizabeth Graham
- 2021 James B. Richardson III

**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 LITHIC STUDIES**

Established in 1994 to recognize excellence by an archaeologist whose innovative research or repeated and enduring contributions have contributed significantly to archaeology. *(Succeeded in 2001 by the Award for Excellence in Archaeological Analysis)*

- 1994 John Witthoft (*posthumous*)
- 1995 Harry J. Shafer  
Lawrence Keeley
- 1996 Jay K. Johnson
- 1998 Kenneth Hirth
- 1999 Barbara E. Luedtke
- 2000 Tom Hester

**MATTHEW TOBIN CAPPETTA  
ARCHAEOLOGICAL  
SCHOLARSHIP**

Matthew Tobin Cappetta spent a decade in the American Southwest, working with Native American tribes on archaeological sites. Matthew intended to attend graduate school to get advanced training in archaeology before his tragic death in 2019. His family established an endowment to honor his memory that will support other aspiring archaeology students to attend graduate school and achieve their dreams of becoming professional archaeologists.

- 2021 Mark Agostini  
Brian Holguin

**NATIONAL SCIENCE  
FOUNDATION  
SCHOLARSHIPS FOR  
ARCHAEOLOGICAL  
TRAINING FOR NATIVE  
AMERICANS AND NATIVE  
HAWAIIANS**

This scholarship supports training in archaeological methods for students and personnel of tribal or other Native cultural preservation programs who are from Native or indigenous populations in the United States and Canada.

- 1999 Lokelani H.Aipa  
Frank Mt. Pleasant  
Leslie Awong
- 2000 Leander Lucero  
Amada Rockman  
Lahela Perry
- 2001 Bonnie Lee Dziadasek  
Desireé Martinez  
Blair First Rider
- 2002 Deona Naboa  
Natalie Ball  
Tracy Pierre
- 2003 Michael Garcia  
Gordon C. Moore  
Carley Kaleo Veary  
Scott T. Kikiloi
- 2005 Lizatine A. Tsosie  
Laurie Shead  
Denny Gayton
- 2006 Vera Asp  
Ashley Layne Atkins  
Joey Condit  
Elizabeth Lein'Ala Kahave  
Roberta Lynn Thomas
- 2007 Tracey Pierre
- 2008 Na'Lilma Ahuna  
Simon Solomon
- 2009 Shianne Sebastian  
Ira K. Matt  
Wesley D. Miles
- 2010 Wesley D. Miles  
Simon Arthur Solomon  
Elijah Sanderson
- 2011 Robert James David  
Kevin J. Brown  
Liana Staci Hesler
- 2012 Joshua Castleman  
Joel Nicholas  
Autumn Whiteway
- 2013 Alyssa Christine Bader  
Dylan Ray Jennings  
Susan Marylouise Peone

- 2014 Alicia Mary Olea
- 2015 Alicia Gooden  
Kristen Green  
Anita Johnson-Henke  
Regina Mad Plume  
Peter Nelson
- 2016 Regina Hilo  
Kristyn Hara
- 2017 Patrick Burt  
Michele Brownlee  
Erin Renn
- 2018 Ashlyn Weaver
- 2020 Dominic Bush  
Vikki Preston
- 2021 Matthew Esparza  
Sedonna Goeman-Shulsky  
Justin McCarthy  
Makayla Murillo  
Katelynn Simpson

### **NATIVE AMERICAN GRADUATE ARCHAEOLOGY SCHOLARSHIP**

This scholarship supports graduate studies for Native American students, including but not limited to tuition, travel, food, housing, books, supplies, equipment, and childcare (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. Leiokeko'olani Brown
- 2020 Natalie Lolar  
Emily Van Alst
- 2021 Carlton Gover

### **NATIVE AMERICAN UNDER- GRADUATE ARCHAEOLOGY SCHOLARSHIP**

This scholarship supports undergraduate studies for Native American students, including but not limited to tuition, travel, food, housing, books, supplies, equipment, and childcare (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 Zaakiyah 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

**PRESIDENTIAL  
RECOGNITION AWARD**

Instituted in 1990 to permit SAA to recognize individuals who have provided extraordinary services to the society and the profession in the past year. Awardees are determined by the president of the society, in consultation with members of the Board.

- 1990 Jerome A. Miller  
Nathalie F. S. Woodbury
- 1991 Lynne Goldstein  
Rachael Hamilton  
Keith Kintigh  
Earl Lubensky  
Loretta Neumann  
Kathleen Reinburg

- David Hurst Thomas
- 1992 Mark Leone  
Jeremy A. Sabloff
- 1993 Jerald Milanich  
Daniel G. Roberts  
Bruce D. Smith  
Vincas P. Steponaitis
- 1994 David S. Brose  
Edward Friedman  
R. Bruce McMillan  
Teresita Majewski  
William H. Marquardt  
Dan F. Morse  
J. Daniel Rogers  
Katharina J. Schreiber  
Dean Snow  
Vincas P. Steponaitis  
Paul Takac
- 1995 Mark Aldenderfer  
Roger Anyon  
Robert Drennan  
Diane Gifford Gonzalez  
Lynne Goldstein  
Keith Kintigh  
Mark J. Lynott  
Phyllis Messenger, KC Smith &  
Cathy MacDonald  
Paul Minnis  
Bruce E. Rippeteau  
Alison Wylie  
Melinda A. Zeder
- 1996 Brian Fagan  
Paul Fish & Suzanne K. Fish  
Jonathan Lizee  
Toni Moore  
Carol Shull  
George Stuart
- 1997 Mark Aldenderfer  
David Anderson  
Roger Anyon & T. J. Ferguson  
Keith Kintigh  
Florence Lister  
Donna Seifert

- Joe Watkins
- 1998 Stephen Dyson for *Archaeology Magazine*  
Ed Friedman  
Janet Levy  
William Lovis
- 1999 Caryn Berg  
Susan J. Bender  
Judith A. Bense  
Jon S. Czaplicki  
Gary Feinman  
Linda Manzanilla  
Tristine Lee Smart  
George S. Smith  
Joe Watkins
- 2000 Lynne Goldstein  
James A. Goold  
Kurt E. Dongoske
- 2001 Mark Aldenderfer  
Patricia Gilman  
The Law Department of  
the National Trust for Historic  
Preservation  
Francis P. McManamon  
Ian W. Brown
- 2002 Michael J. Fanelli  
Donald Forsyth Craib  
Johna Hutira
- 2003 John Chamblee  
Fred Wendorf, Stuart Struever,  
& Doug Schwartz
- 2004 Garth Bawden  
Julie Hollowell-Zimmer &  
Chip Colwell-Chanthaphonh  
Erin Kuns  
William Longacre
- 2005 MATRIX Project
- 2006 SAA National Historic  
Landmarks Committee
- 2007 PEC Web Pages Working  
Group  
John Kantner
- 2008 Alex Barker  
Nelly Robles Garcia
- Daniel H. Sandweiss
- 2009 Phillip L. Walker
- 2010 75th Anniversary Task Force:  
Jeremy Sabloff  
James Snead  
Wendy Ashmore  
David Browman  
Don Fowler  
Lisa Lecount  
Linda Manzanilla  
Bruce Smith  
Fundraising Committee:  
William Doelle  
Susan Bender  
Cathy Cameron  
John E. Kelly  
Paul Minnis  
Linda Pierce  
Bruce Rippeteau  
Martha Rolingson  
Ken Sassaman
- 2011 Susan B. Bruning  
Paul Minnis  
Jonathan Muller
- 2012 Barbara M. Arroyo  
Tomas Enrique-Mendizabal  
Archibold  
Christopher D. Dore  
Daniel H. Sandweiss
- 2013 Susan Kane  
Cori Wegener  
Tim Melancon  
Serena Bellew
- 2014 Deborah L. Nichols  
Christopher A. Pool  
Gabriela Uruñuela y Ladrón  
de Guevara
- 2015 Willem Willems  
Frederich (Fritz) Luëth  
Jane Eva Baxter  
Brian I. Daniels  
Salam al-Kuntar  
Anibal Rodriguez
- 2017 Jeffrey Altschul

- Barbara Arroyo
- Task Force on Gender Disparities in Archaeological Grant Submissions
- Amity Pueblo Task Force
- Task Force on Archaeological Survey Data Quality, Durability, and Use
- Task Force on Regional Planning
- Task Force on Valuing Archaeological Resources
- Task Force on Professional Archaeologists, Avocational Archaeologists, and Responsible Artifact Collectors Relationships
- Task Force on Guidelines for Promotion and Tenure for Archaeologists in Diverse Academic Roles
- 2019 Tobi Brimsek
- Deborah Nichols
- John Douglass
- Gordon Rakita
- Jerry Spangler
- Tim Kohler
- Daniel 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 Húyat: Our Voices our Land

### **PUBLIC SERVICE AWARD**

Begun in 1983 to recognize the important contributions of a public figure to the protection and preservation of cultural resources. It is presented regardless of political affiliation to those who have taken a lead or made a major contribution to preserving the past. The awardees have been:

- 1983 Sen. Spark M. Matasanaga  
Rep. Donald J. Pease
- 1984 Sen. James A. McClure
- 1985 Speaker James C. Wright Jr.
- 1986 Secretary of the Interior  
Donald P. Hodel
- 1987 Rep. John F. Seiberling
- 1988 Rep. Charles E. Bennett
- 1989 Sen. Peter V. Domenici
- 1990 Rep. Morris K. Udall
- 1991 Secretary of the Interior  
Manuel Lujan Jr.
- 1992 The Archaeological  
Conservancy
- 1993 Constance Werner Ramirez
- 1994 James Beck  
Deborah Daniels  
Jeffrey Kent  
Larry Mackey  
Scott Newman
- 1995 Grand Canyon Trust
- 1996 Rep. Bill Richardson
- 1997 Rep. Phil English
- 1998 Loretta F. Neumann
- 1999 Secretary of the Interior  
Bruce Babbitt

- 2000 Wayne Dance
- 2003 Rep. Leonard Boswell
- 2004 Paula Desio
- 2005 Sen. Jeff Bingaman
- 2008 Arc of Appalachia Preserve System, Archaeological Conservancy, Wilderness East, and the Ross County Parks Department
- 2015 Glenn Morgan  
Arlene Fleming  
Jonathan Renshaw  
Elsa Chang
- 2017 Abdel Kader Haidara  
Fatou Bensouda
- 2018 Supervisory Special Agent  
Timothy Carpenter and the  
FBI Art Crime Team

### **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
- Eric J. Bartelink  
Randy Miller
- 2012 Sean B. Dunham
- 2013 Bryn Letham  
David Bilton
- 2014 G. Logan Miller
- 2015 Catrine Jarman
- 2016 Natalie Mueller
- 2017 Jacob Lulewicz
- 2018 Michelle Bebber & Mike  
Wilson
- 2019 Meagan E. Dennison
- 2020 Lori Barkwill Love
- 2021 Maria Codlin

## Presidents of the SAA

A. C. Parker	1935–1936	Raymond H. Thompson	1976–1977
Diamond Jeness	1936–1937	Cynthia Irwin Williams	1977–1979
A. V. Kidder	1937–1938	Fred Wendorf	1979–1981
Edgar B. Howard	1938–1939	Richard E. W. Adams	1981–1983
Neil Judd	1939–1940	George C. Frison	1983–1985
W. C. McKern	1940–1941	Don Fowler	1985–1987
Glenn Black	1941–1942	Dena Dincauze	1987–1989
Nels C. Nelson	1942–1943	Jeremy A. Sabloff	1989–1991
Emil W. Haury	1943–1944	Prudence Rice	1991–1993
J. Alden Mason	1944–1945	Bruce D. Smith	1993–1995
Carl E. Guthe	1945–1946	William D. Lipe	1995–1997
Frederick Johnson	1946–1947	Vincas P. Steponaitis	1997–1999
Douglas S. Byers	1947–1948	Keith W. Kintigh	1999–2001
Waldo R. Wedel	1948–1949	Robert L. Kelly	2001–2003
J. O. Brew	1949–1950	Lynne Sebastian	2003–2005
Frank Roberts Jr.	1950–1951	Kenneth M. Ames	2005–2007
James B. Griffin	1951–1952	Dean R. Snow	2007–2009
Irving Rouse	1952–1953	Margaret W. Conkey	2009–2011
Gordon F. Ekholm	1953–1954	W. Frederick Limp	2011–2013
Robert Wauchope	1954–1955	Jeffrey H. Altschul	2013–2015
W. Duncan Strong	1955–1956	Diane Gifford-Gonzalez	2015–2017
William A. Ritchie	1956–1957	Susan M. Chandler	2017–2019
George I. Quimby Jr.	1957–1958	Joe E. Watkins	2019–2021
Richard B. Woodbury	1958–1959	Deborah Nichols	2021–2023
Jesse D. Jennings	1959–1960		
Erik K. Reed	1960–1961		
Junius Bird	1961–1962		
David A. Baerreis	1962–1963		
James A. Ford	1963–1964		
Albert C. Spaulding	1964–1965		
Paul S. Martin	1965–1966		
Joe B. Wheat	1966–1967		
Gordon R. Willey	1967–1968		
H. Marie Wormington	1968–1969		
Ignacio Bernal	1969–1970		
Robert Lister	1970–1971		
Richard S. MacNeish	1971–1972		
Charles C. Di Peso	1972–1973		
Douglas W. Schwartz	1973–1974		
Charles R. McGimsey III	1974–1975		
Stuart Struever	1975–1976		

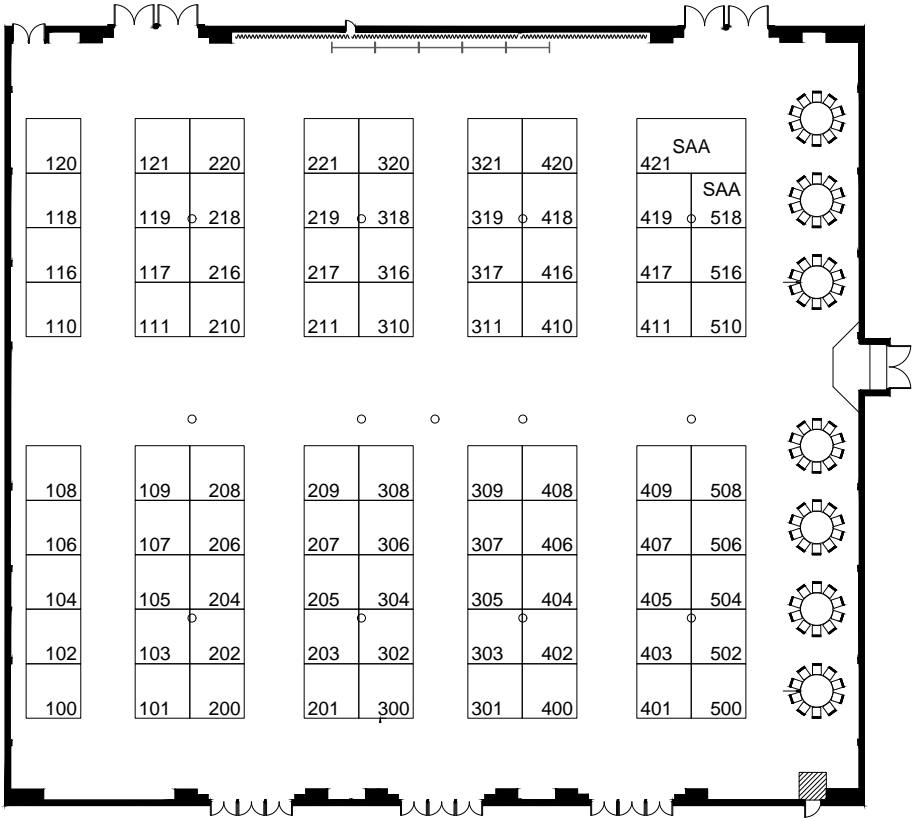
## Annual Meeting Sites

- 1st Andover, MA December 1935
- 2nd Washington, DC December 1936
- 3rd Milwaukee, WI May 1938
- 4th Ann Arbor, MI May 1939
- 5th Indianapolis, IN April 1940
- 6th Minneapolis, MN May 1941
- 7th Cincinnati, OH May 1942
- 8th *(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.)*
- 9th Washington, DC May 1944
- 10th Washington, DC May 1945

- 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 May 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



Entrance  
International Foyer

### 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.

## Exhibitor Directory

### 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  
#316 & #318**

<https://www.bruker.com/en.html>

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>

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/>

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/>

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>

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>

The Council of Allied Societies (CoAS) was formed in 1989 for the mutual benefit of professional archaeologists and avocationalists, 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/>

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](http://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**

**#207**

<https://gmw.com/>

GMW offers Bartington's flux-gate Gradiometers and magnetic susceptibility commonly used for archaeo-geophysical prospection. The gradiometer range include the Grad601 single or dual sensor together with a 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.radiocdating.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.

## **InTerris Registries—QLC Inc. #416**

<https://www.interrisreg.org/>  
With the archaeological information system InTerris Registries (previously known as ArcheoLINK—Americas), project data, field data, artifact data, specialist data, curation data, photos, field and object drawings, measurements, and cartographic data can be stored, managed, queried, and analyzed for one or more archaeological projects. InTerris Registries also allows the use of hardware options such as barcode registration and communicating scales and calipers.

## **ISD LLC #206 & #208**

<https://isdistribution.com/>  
Distribution and Publishing Services

for archaeological and humanities publishers from North America and Europe, including Archaeopress, the Cotsen Institute of Archaeology, Eliot Werner, Equinox Publishing, Aarhus University Press, Harrassowitz, Peeters Publishers, Brepols and many more.

## **National Parks Service, Archeology Program #406**

[www.nps.gov/subjects/archeology](http://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/>

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/>

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/>

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.

### **Statistical Research Inc.**

**#320**

<http://www.sricrm.com/>

SRI, a woman-owned, full-service CRM firm, conducts projects nationwide and develops practical, innovative heritage management solutions for our clients that balance economic development with preservation mandates and incorporate cutting-edge interdisciplinary programs in geospatial technology, data management, modeling, and cultural landscape studies.

### **Society for Historical Archaeology**

**#106**

<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.

### **Thames and Hudson**

**#400**

<https://thamesandhudsonusa.com/>

Thames & Hudson is the global market's preeminent publisher of illustrated books. Our catalog of beautifully printed volumes includes widely respected titles and textbooks in archaeology, ancient history, and classics. We are distributed in the United States 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.

### **University of Arizona Press**

**#401 & #403**

<https://uapress.arizona.edu/>

The University of Arizona Press is the premier publisher of academic, regional, and literary works in the

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### **University of Chicago Press— Journal Division**

**#205**

<https://www.journals.uchicago.edu/>

The University of Chicago Press Journals is the publisher of 90 journals, including the *American Journal of Archaeology* (NEW), *Journal of Anthropological Research*, *Journal of Near Eastern Studies*, *Res*, *Current Anthropology*, and from ASOR: *Bulletin of ASOR*, *Near Eastern Archaeology*, and the *Journal of Cuneiform Studies*.

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**#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>)

**University of Pennsylvania  
Museum of Archaeology and  
Anthropology**

**#307**

<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**

**#321 & #420**

<https://www.uofupress.com/>

35% off! The University of Utah Press publishes books reflecting the best scholarship in archaeology and anthropology. We publish books about the Great Basin, the Greater Southwest, the Plains, California, Mesoamerica, Linguistics, and North

American archaeology. We also offer the Fowler Book Prize biennially.

**University Press of Colorado**

**#302**

<https://www.upcolorado.com/>

The University Press of Colorado publishes titles in Mesoamerican, North American, Near Eastern, and South American archaeology.

**University Press of Florida**

**#308**

<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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