

SOCIETY FOR AMERICAN ARCHAEOLOGY

# Program of the 60th Annual Meeting



Minneapolis Hilton and Towers

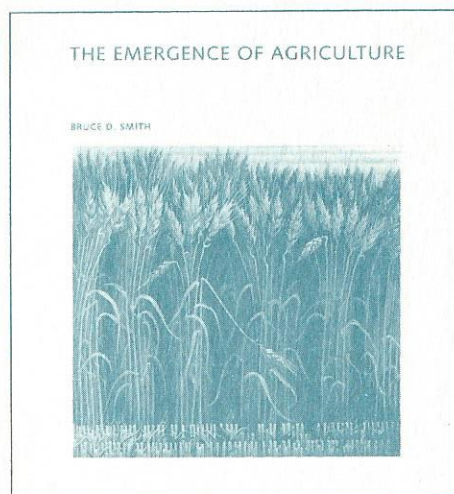
May 3-7, 1995

Minneapolis, Minnesota





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## SOCIETY FOR AMERICAN ARCHAEOLOGY

# Program of the 60th Annual Meeting

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

The design motifs for the 60th Annual Meeting are derived from images selected from the more than 2,000 petroglyphs preserved at the Jeffers Site. The Jeffers carvings date primarily to the Late Archaic and Late Prehistoric periods. Source: Gordon Lothson, *The Jeffers Petroglyphs Site*, Minnesota Historical Society, St. Paul, 1976.

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IN ARCHAEOLOGY

at the

## ANNUAL EXHIBIT

Thursday-Saturday, May 4-6  
from 9am to 5pm

in the Grand Ballroom

*see page 76 for details*



SOCIETY FOR AMERICAN ARCHAEOLOGY

## MEETING ORGANIZERS

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## GENERAL INFORMATION

**Abstracts**

Abstracts of individual presentations are published in the *Abstracts of the 60th Annual Meeting* and may be purchased, while supplies last, at the On-site Registration Desk (members \$12, nonmembers \$15). Meeting participants who paid in advance for the book will find a ticket inside their registration packets, which can be exchanged for the book at the Abstracts Desk in the Ballroom Foyer.

**Awards Presentation**

The society's annual awards presentation and business meeting will be held at 5 pm on Friday in Ballroom B. Cake courtesy of the Minneapolis Hilton and Towers.

**Child-care Services**

A list of child-care service providers is available at the concierge desk, located in the lobby of the Minneapolis Hilton and Towers.

**Employment Service Center**

The employment service will be conducted on Wednesday from 5 to 8 pm, Thursday through Saturday from 8 am to 5 pm, and Sunday from 8 am to noon in the Ballroom Foyer. CVs/résumés and job descriptions may be registered with the service throughout the meeting. Interview space will be available by reservation, and message forms will be provided and box numbers assigned for use in the employment service message center. This service is free to employers and SAA members.

**Excursions**

A limited number of tickets may be available to registered meeting participants for excursions on Thursday, Friday, and Sunday. Some excursions are free—but all excursions require tickets, available at the On-site Registration Desk. A description of each excursion is also available at the On-site Registration Desk. Meeting participants who registered in advance for excursions will find tickets in their registration packets.

**Exhibits**

Exhibits will be displayed in Ballroom D from 9 am to 5 pm on Thursday, Friday, and Saturday.

**Membership Services**

Information on membership status, services, and benefit programs will be available at the SAA Membership Booth in the Ballroom Foyer. An expanded line of SAA merchandise will be available for purchase.

**Message Center**

A self-service message center will be open in the Ballroom Foyer on Wednesday from 2-8 pm, Thursday through Saturday from 7 am to 5 pm, and Sunday from 7 am to noon. Please check the video monitors at the center to determine if a message has been left for you. You are also encouraged to complete a locator card (available at the message center) and leave it with the attendant so that other registrants know where to reach you by telephone during your stay in Minneapolis.



### Museum Reception

A limited number of tickets is available to registered meeting participants at the On-site Registration Desk for the reception at the Science Museum of Minnesota, from 6 to 9 pm on Friday. The museum houses permanent exhibit halls in anthropology, paleontology, biology, physical sciences, and technology, as well as an Omnitheatre. The reception includes refreshments and a cash bar in Museum Square, access to three floors of museum exhibits, and the 50-minute Omnitheatre feature at 6 or 7 pm. Buses will depart beginning at 5:40 pm for the 20-minute ride to downtown St. Paul; buses will return to the hotel as they fill throughout the evening. A ticket (\$10 per person) is required for transportation and museum admittance; *tickets must be purchased by noon on Thursday*. Meeting participants who registered in advance for the reception will find a ticket in their registration packets.

### Office

Any problems or special requests during the meeting should be reported to the SAA Meeting Office, which is located in the Coat Room on the third floor.

### P<sup>3</sup>@club.saa

It's the Post Plenary Party at Club SAA! Unwind in a cabaret setting featuring the Casablanca Orchestra, who will entertain you with tunes from Motown to Manhattan Transfer, Patsy Cline to Aretha. Music and munchies provided by SAA. Cash bar featuring Northland brewskis such as Landmark, Summit, and Pig's Eye.

### Poster Sessions

Poster sessions will be conducted in the Ballroom Foyer on Thursday at the following times: Thursday from 8 am to noon, Thursday from 1 to 5 pm, and on Friday from 8 am to noon. Each session contains different posters, whose authors and space assignments are listed in the program. The award-winning posters from the 59th Annual Meeting will be on display during each poster session; awards for outstanding posters from this meeting will be presented during the awards ceremony (Friday, 5 pm).

### Press Office

The Press Office, located in the Coat Room (third floor), will be open Wednesday through Saturday, 9 am to 5 pm, and Sunday, 9 am to noon.

### Registration

Registration will be open on Wednesday, 2-8 pm; Thursday through Saturday, 7 am-5 pm; and Sunday, 7 am-noon. Individuals who registered by March 31 should claim their badges and programs at the Advance Registration counters. Individuals who have not registered in advance should report to the On-site Registration counter. *Wearing of the badge is required for admission to meeting sessions, workshops, excursions, exhibits, and special events*. A \$5 fee will be charged to replace a badge or program book.

### Roundtable Luncheons

A limited number of tickets for the following roundtable luncheons may be available to registered meeting participants; tickets (\$19) and information on topics and moderators are located at the On-site Registration Desk.

- Friday—Theoretical and Professional Themes  
*Purchase tickets by noon on Thursday*

- Friday—Setting Your Course for the Current Job Market (sponsored by SAA Student Affairs Committee)  
*Purchase tickets by noon on Thursday*
- Saturday—Regions  
*Purchase tickets by noon on Friday*
- Saturday—Issues for Women as Professionals in Archaeology (sponsored by SAA Committee on the Status of Women in Archaeology)  
*Purchase tickets by noon on Friday*

Meeting participants who registered in advance for roundtable luncheons will find tickets in their registration packets.

### Smoking Policy

Smoking in meeting rooms is prohibited.

### Slide Screening

For presenters who wish to check their slides before presentation, 35mm slide viewers will be available in the slide screening booths located on the second floor foyer. Presenters must provide their own carousel trays. The slide screening booths will be open on Wednesday from 5-8 pm, Thursday from 7 am to 10 pm, Friday and Saturday from 7 am to 5 pm, and Sunday from 7 am to noon.

### Student and New Member Reception

The Executive Board of the society will host a reception for students, new members, and members attending their first annual meeting on Wednesday from 9-10 pm in Ballroom A.

### Symposia and Session Chairs

Please maintain the established schedule in fairness to persons planning to attend particular presentations; please pause for the period allotted in the program if a scheduled speaker fails to appear.

### Meeting Services—Hours of Operation

	Wednesday	Thursday	Friday	Saturday	Sunday
Registration	2-8 pm	7 am-5 pm	7 am-5 pm	7 am-5 pm	7 am-noon
Message Center	2-8 pm	7 am-5 pm	7 am-5 pm	7 am-5 pm	7 am-noon
Employment Service Center	5-8 pm	8 am-5 pm	8 am-5 pm	8 am-5 pm	8 am-noon
Slide Screening Room	5-8 pm	7 am-10 pm	7 am-5 pm	7 am-5 pm	7 am-noon
Press Office	9 am-5 pm	9 am-5 pm	9 am-5 pm	9 am-5 pm	9 am-noon
Exhibits		9 am-5 pm	9 am-5 pm	9 am-5 pm	



## FEATURED SESSIONS

### Opening Session

In conjunction with Minnesota Archaeology Week, the public is being invited to join SAA meeting participants at a special opening session at 7 pm on Wednesday. After a welcome from SAA President Bruce Smith and memorial song offered by the Heart of the Earth Singers, representatives of Minnesota's archaeological and Native American communities will address the audience, followed by the University of Nevada's Don D. Fowler. Fowler's talk, "We're All in the Past Together: Archaeology in the 21st Century," is in memory of Elden Johnson. Contributions will be accepted at the session for an internship fund at the University of Minnesota to help place archaeology students at organizations where Johnson worked.

At the time of his death in 1992, Johnson was executive director of the Institute for Minnesota Archaeology. A professor of anthropology at the University of Minnesota and a former state archaeologist, he had worked closely with the Native American community throughout his long career in Minnesota, and was a strong advocate for bringing archaeology to the public.

Don D. Fowler holds the Mamie Kleberg Chair in Anthropology and Historic Preservation at the University of Nevada, Reno, and is chairman of the Anthropology Department there. He has been a research associate in anthropology with the Smithsonian Institution since 1970, and served as president of SAA from 1985 to 1987.

### Invited Forum—Finding Creative Solutions for Restructuring American Archaeology

Recent legislation and serious fiscal austerity are having dramatic effects on the conduct of archaeology in the United States. As federal and state budgets shrink, archaeologists are expected to produce more with less funding, while recent and proposed legislation offers Native Americans a far greater voice in the conduct of archaeology. These changing conditions challenge all of us with an interest in the past to develop creative ways to ensure protection and wise treatment of our cultural heritage. This session features representatives of government archaeology, academia, Native America, museums, and the private sector offering innovative approaches to redefining the nature of archaeological inquiry in the United States. Sponsored by the SAA Executive Board and organized by Roger Anyon and Catherine Cameron, the forum will be held from 7 to 9:30 pm on Thursday and include remarks from David G. Anderson, Don D. Fowler, Leigh Jenkins, William D. Lipe, Michael J. Moratto, Margaret C. Nelson, and Brona G. Simon.

### Public Session

The 5th annual Public Session is scheduled on Saturday from 1 to 5 pm. "Learning from the Past: Getting Involved in Archaeology" offers activities

of interest to professional and avocational archaeologists, educators, and all people interested in the past. Olga Soffer (University of Illinois) will discuss the interface of fictional and archaeological interpretations of the past, and Scott Anfinson (Minnesota History Center) and Gary Cavender (Dakota Tribe) will present complementary perspectives on the history and prehistory of Minnesota and continuing cultural traditions drawn from archaeological evidence and oral history. The session also offers hands-on opportunities to "test drive" archaeology education software, information on Minnesota Archaeology Week activities, and exhibits on Minnesota and nationwide archaeological programs for the public. The session is sponsored by SAA and its Public Education Committee.

### Plenary Session

The Plenary Session at 7:30 pm, Saturday, will focus on key bridges between archaeology and its public, and explore how institutions and media engage and deploy archaeology. Leaders from museums, parks, and print and video media will discuss their roles as intermediaries between archaeology and the public. Entitled "Telling Archaeology: Parks, Museums, Print, and Video," the Plenary Session has been organized by Stephen H. Lekson (Crow Canyon Archaeological Center) and brings together a panel of authors, producers, directors of parks and museums—each of whom has deep interest in and concern about archaeology. The panelists are Brian Fagan (University of California—Santa Barbara); Clara Sue Kidwell (National Museum of the American Indian); Guadalupe Mastache (Instituto Nacional de Antropología y Historia); Catherine Stevenson (National Park Service); David Hurst Thomas (American Museum of Natural History); and Peter A. Young (editor-in-chief of *Archaeology* magazine).



# SUMMARY SCHEDULE

Room assignments follow event time.

## MONDAY, MAY 1

8:30 am-5 pm  
Marquette  
*Workshop* GIS in Archaeology

Noon-5 pm  
Directors Row 2  
USDA Forest Service Heritage Team Meeting

1-5 pm  
Directors Row 3  
National Park Service National Archeological Database Meeting

2-4:30 pm  
Directors Row 1  
USDA Natural Resources Conservation Service Meeting

## TUESDAY, MAY 2

8 am-4:30 pm  
LaSalle  
US Army Corps of Engineers Meeting (by invitation)

8 am-4:30 pm  
Directors Row 1  
USDA Natural Resources Conservation Service Meeting

8 am-5 pm  
Directors Row 3  
National Park Service National Archeological Database Meeting

8 am-6 pm  
Board Room 3  
Executive Board Meeting

8 am-6 pm  
Directors Row 2  
USDA Forest Service Heritage Team Meeting

8:30 am-4:30 pm  
Hennepin  
US Department of Energy Annual Cultural Resource Forum (by invitation)

8:30 am-5 pm  
Board Room 1  
*Workshop* Advances in Methods and Techniques for Archaeological Site Discovery

8:30 am-5 pm  
Marquette  
*Workshop* GIS in Archaeology

9 am-4 pm  
Board Room 2  
National Park Service Regional Archeologists (by invitation)

1-5 pm  
Carver  
Public Education Committee Meeting

7-9 pm  
Duluth  
Public Education Committee Reception (by invitation)

## WEDNESDAY, MAY 3

7:30 am-5:30 pm  
*Excursion* Jeffers Petroglyphs

8-11 am  
Board Room 2  
USDA Forest Service Heritage Team Meeting

8 am-3 pm  
Ballroom A  
National Park Service Meeting

8 am-3 pm  
Directors Row 1  
USDA Natural Resources Conservation Service Meeting

## SUMMARY SCHEDULE

13

8 am-4:30 pm  
Ballroom B and C  
Federal Energy Regulatory Commission Cultural Resources Compliance Training Course (by registration)

8 am-4:30 pm  
LaSalle  
U.S. Army Corps of Engineers Meeting (by invitation)

8 am-5 pm  
Marquette  
Association of Transportation Archeologists Conference

8 am-5 pm  
Room 2336  
Bureau of Land Management Cultural Heritage Program Meeting

8 am-5 pm  
*Excursion* Red Wing: Archaeology, Geomorphology, and Public Interpretation

8 am-6 pm  
Board Room 3  
Executive Board Meeting

8:30 am-noon  
Duluth  
National Park Service Meeting: Evaluating the Federal Archeology Program—An Open Discussion on the Future Direction of the Secretary's Report to Congress

8:30 am-4 pm  
Hennepin  
*Workshop* The Role of Geology in Cultural Resource Management

8:30 am-5 pm  
Board Room 1  
*Workshop* Advances in Methods and Techniques for Archaeological Site Evaluation

9 am-4 pm  
Ballroom G  
National Association of State Archeologists Business Meeting

9 am-4 pm  
Directors Row 2, 3, and 4  
Public Education Subcommittee Meetings

9 am-4:30 pm  
Rochester  
*Workshop* GIS for Personal Computers: A Hands-on Workshop

Noon-1:30 pm  
Ballroom F  
Volunteer Orientation Session

Noon-5 pm  
Board Room 2  
Society of Professional Archeologists Board Meeting

1-2:30 pm  
Room 2036  
Council for the Preservation of Anthropological Records Meeting

1-5 pm  
Ballroom E  
American Cultural Resources Association Meeting

1-5 pm  
*Workshop* Rock Magnetism

1-6 pm  
Carver  
*Workshop* The Health and Safety of Archaeology or What You Don't Know *Can* Hurt You

1:30-3:30 pm  
*Excursion* Walking Tour of St. Anthony Falls

1:30-5:30 pm  
Room 2136  
Ethics in Archaeology Committee Meeting

2-5 pm  
Duluth  
Government Affairs Committee Meeting



## THURSDAY, MAY 4

3-4 pm  
Room 1636  
Federal Preservation Forum Board Meeting

3-4:30 pm  
Room 1836  
Fryxell Award Committee Meeting

3:30-5:30 pm  
*Excursion* Walking Tour of St. Anthony Falls

4-5 pm  
*Excursion* Minnesota Institute of Arts

4-5:30 pm  
Directors Row 1  
Intersociety Public Education Working Group

4-6 pm  
Room 2036  
Task Force on Native American Relations Meeting

4:30-5:30 pm  
Room 1636  
Award Committees Chairpersons Meeting

5:30-7 pm  
Room 1836  
Publications Committee Meeting

6-7 pm  
Duluth  
Marketers Welcome Reception (by invitation)

7-8:30 pm  
Ballroom E, F, and G  
Opening Session

8:30-9:30 pm  
Duluth  
Reception for Minnesota Archaeology Organizations (by invitation)

9-10 pm  
Ballroom A  
*Special Event* Student and New Member Welcome Reception

8 am-noon  
Board Room 3  
Society of Professional Archeologists Board Meeting

8 am-noon  
Ballroom Foyer  
Poster Session

8 am-noon  
Symposia

8:30-10:30 am  
Board Room 2  
First Peoples Archaeological Society Organizational Meeting

8:30-11 am  
Room 2420  
Foundation for American Archaeology Board of Trustees Meeting

8:30-11:30 am  
Board Room 1  
*Sponsored Forum* State Archaeology Weeks

8:30 am-noon  
Directors Row 2  
*Workshop* Advisory Council on Historic Preservation: Changes to Its Regulations (36 CFR 800)

11:30 am-1 pm  
Directors Row 1  
Presidents Advisory Board Luncheon (by invitation)

Noon-1 pm  
Board Room 2  
Society for Archaeological Sciences Executive Board Meeting

Noon-1 pm  
*Special Event* Thematic Roundtable Luncheons

Noon-1:30 pm  
Board Room 1  
Society of Professional Archeologists Annual Meeting

1-3 pm  
Ballroom F  
*Forum* Taxonomic Identifications and Faunal Summaries: What Should We Be Including in Our Faunal Reports?

1-5 pm  
Ballroom Foyer  
Poster Session

1-5 pm  
Symposia

1-5 pm  
Board Room 3  
Task Force on Latin America Meeting

2-3 pm  
*Excursion* Minnesota History Center

2-5 pm  
Board Room 2  
Task Force on Meetings Development

2:30-4 pm  
Board Room 1  
National Endowment for the Humanities Funding Opportunities

3-5 pm  
Directors Row 1  
SAA/SOPA Joint Task Force Meeting

3-5 pm  
Ballroom F  
*Sponsored Forum* Public Education and Your Career in Archaeology

5-6 pm  
Board Room 1  
Society for Archaeological Sciences Annual Business Meeting

5-6:30 pm  
Board Room 2  
Organizational Meeting for COSWA Roundtable Luncheon Table Hosts

5-6:30 pm  
Room 2420  
SAA/SHA/SOPA Board Reception (by invitation)

6:30-9:50 pm  
Symposia

7-9:30 pm  
Ballroom A and B  
*Invited Forum* Finding Creative Solutions for Restructuring American Archaeology

9:30-11 pm  
Committee Reception (by invitation)

## FRIDAY, MAY 5

8-10 am  
Board Room 1  
*Latin American Antiquity* Editorial Board and Committee Meeting

8-11 am  
Room 1636  
Task Force on Consulting Archaeology Meeting

8-11 am  
Room 1836  
SAA/INAH Joint Organizing Committee for "Protecting the Archaeological Heritage of the Americas"

8 am-noon  
Board Room 2  
American Anthropological Association Archaeology Division Executive Committee Meeting (by invitation)

8 am-noon  
Ballroom Foyer  
Poster Session

8 am-noon  
Symposia

8:30-10 am  
Room 2036  
History of Archaeology Committee Meeting

9-11 am  
Room 2136  
Public Relations Committee Meeting



10-11:30 am  
Directors Row 1  
*Workshop* I Just Got a Call

10 am-noon  
Directors Row 2  
*Sponsored Forum* Careers in  
Archaeology: Planning for Future  
Opportunities

11 am-1:30 pm  
Board Room 3  
Finance Committee Meeting

Noon-1 pm  
*Special Event* Thematic Roundtable  
Luncheons

Noon-1:30 pm  
Crystal Terrace (lobby level)  
*Special Event* Student Affairs  
Committee Roundtable Luncheon:  
Setting Your Course for the Current  
Job Market

1-5 pm  
Ballroom A  
*Sponsored Forum* Save the Past for  
the Future: An Open Forum on the  
Results of the 1994 Conference

1-5 pm  
Symposia

1:30-5 pm  
Board Room 1  
Society for Historical Archaeology  
Governmental Affairs Committee  
Meeting

2-3 pm  
*Excursion* Minnesota History Center

2-3 pm  
Board Room 3  
Student Affairs Committee Meeting

2-5 pm  
*Excursion* Historic Fort Snelling

3-5 pm  
Directors Row 1  
Council of Affiliated Societies  
Meeting

4-5 pm  
*Excursion* Minneapolis Institute of  
Arts

4-7 pm  
Carver  
*Workshop* Educators' Workshop:  
Teaching Archaeology

4:30-6 pm  
Board Room 2  
International Association for  
Obsidian Studies Annual Meeting  
and Workshop on Obsidian  
Descriptive, Geochemical and  
Literature Data Bases

5-6:15 pm  
Ballroom B  
Awards Presentations and Annual  
Business Meeting

6:30-7:30 pm  
Ballroom E and F  
*Sponsored Forum* NAGPRA and the  
Disposition of Unaffiliated Human  
Remains

6-9 pm  
*Special Event* Reception at the  
Science Museum of Minnesota

8:30-10:30 pm  
Ballroom G  
Women in Archaeology Cash Bar  
Reception

8:45-10:30 pm  
Ballroom A  
Society of Professional  
Archaeologists Cash Bar Reception

## SATURDAY, MAY 6

7:30 am-5 pm  
Board Room 1  
Society for Historical Archaeology  
Board Meeting

8 am-noon  
Symposia

8 am-5:30 pm  
Carver  
*Workshop* Educators' Workshop:  
Teaching Archaeology

8 am-6 pm  
Directors Row 3  
Executive Board Meeting

10 am-noon  
Directors Row 1  
*Sponsored Forum* United States  
Indian Policy and the Conduct of  
Archaeology on Indian Lands: A  
Dialogue with the Bureau of Indian  
Affairs

Noon-1 pm  
Board Room 2  
Society for Phytolith Research Board  
Meeting

Noon-1 pm  
*Special Event* Thematic Roundtable  
Luncheons

Noon-1:30 pm  
Carvers Restaurant (lobby level)  
*Special Event* COSWA Roundtable  
Luncheon: Issues for Women as  
Professionals in Archaeology

1-5 pm  
Ballroom E, F, and G  
*Public Session* Learning from the  
Past: Getting Involved in  
Archaeology

1-5 pm  
Symposia

5:15-6:15 pm  
Board Room 2  
Society for Phytolith Research  
Annual Business Meeting

6:30-7:30 pm  
Ballroom Foyer  
Plenary Reception (cash bar)

7:30-9:30 pm  
Ballroom E, F, and G  
Plenary Session

9:30-11:30 pm  
Ballroom A, B, and C  
*Special Event* P<sup>3</sup>@club.saa

## SUNDAY, MAY 7

8-10 am  
Board Room 3  
Committee on the Status of Women  
in Archaeology Meeting

8 am-noon  
Symposia

8 am-5 pm  
Directors Row 2  
National Science Foundation  
Archaeology Panel Meeting

10 am-noon  
*Excursion* Walking Tour of St.  
Anthony Falls

Noon-2 pm  
*Excursion* Walking Tour of St.  
Anthony Falls

Noon-3 pm  
*Excursion* Historic Fort Snelling

## NEW ORLEANS IN 1996!

Plan now to attend the SAA 61st  
Annual Meeting to be held at the  
Marriott Hotel in New Orleans,  
Louisiana, April 10-14, 1996.  
Guidelines for contributors who wish  
to submit papers, posters, forums, or  
workshops for consideration will be  
mailed to all members in May 1995  
and will be available upon request  
from the SAA office.



## A WORD ABOUT THE SESSIONS

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

- **Forum**—An interactive format organized around a tightly focused theme. Formal presentations are kept to a minimum to encourage discussion between presenters and audience.
- **General Session**—Consists of Posters, Contributed Papers (20 minutes), or Research Reports (10 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 chair.
- **Symposium**—Generally, a group of 20-minute presentations on a well-defined theme submitted together by an organizer. The organizer may or may not also chair the symposium. Also includes poster presentations submitted as a group and organized around a single theme.
- **Workshop**—An instructional format designed to convey a specific set of skills or ideas.

Any of these sessions may be "Sponsored" and/or "Invited."

The designation of "Sponsored" indicates the support of SAA, an SAA committee, or an organization outside SAA. "Sponsored" sessions are labeled as such, except for the Fryxell Symposium and the Public Session. In sessions sponsored by SAA or a committee, presenters are exempt from the "three role maximum" rule that normally restricts the number of times an individual may appear on the program.

The designation of "Invited" reflects a special status and role within the overall meetings. Invited sessions are labeled as such, except for the Opening Session and Plenary Session. At the discretion of the program chair, Invited sessions may be exempt from the usual review process and the "three role maximum" rule.

## PROGRAM

MONDAY, MAY 1, 1995

- [1] Workshop ■ **GIS in Archaeology** (University of Nevada-Reno)  
**Room:** Marquette  
**Time:** 8:30 am–5 pm  
**Participant:** W. Frederick Limp

TUESDAY, MAY 2, 1995

- [2] Workshop ■ **Advances in Methods and Techniques for Archaeological Site Discovery** (SAA and National Park Service)  
**Room:** Board Room 1  
**Organizer:** Francis P. McManamon  
**Time:** 8:30 am–5 pm  
**Participants:** James Ebert, Jeffrey Hantman, Stephen Plog

WEDNESDAY, MAY 3, 1995

- [3] Workshop ■ **The Role of Geology in Cultural Resource Management**  
**Room:** Hennepin  
**Organizers and Chairs:** David W. Benn, E. Arthur Bettis III, and Edwin Hajic  
**Time:** 8:30 am–4 pm  
**Participants:** David W. Benn, E. Arthur Bettis III, Edwin Hajic
- [4] Workshop ■ **Advances in Methods and Techniques for Archaeological Site Evaluation** (SAA and National Park Service)  
**Room:** Board Room 1  
**Organizer:** Francis P. McManamon  
**Time:** 8:30 am–5 pm  
**Participants:** James Ebert, Jeffrey Hantman, Stephen Plog
- [5] Workshop ■ **GIS for Personal Computers: A Hands-On Workshop** (Boston University Department of Archaeology and Center for Remote Sensing)  
**Room:** Rochester  
**Organizer and Chair:** Kenneth L. Kvamme  
**Time:** 9 am–4:30 pm  
**Participant:** Kenneth L. Kvamme
- [6] Workshop ■ **Rock Magnetism**  
**Room:** University of Minnesota  
**Time:** 1–5 pm  
**Participants:** Rinata Dalan, Chris Hunt
- [7] Workshop ■ **The Health and Safety of Archaeology or What You Don't Know Can Hurt You**  
**Room:** Carver  
**Organizers and Chairs:** Carol J. Ellick and Todd W. Bostwick  
**Participants:**  
1:00 Carol J. Ellick—Introduction  
1:10 Todd W. Bostwick—An Accident and Its Consequences at an Archaeological Site Located in an Urban Setting



- 1:30 T. Michael Fink—Infectious, Venomous, and Chronic Diseases and the Risks to Archaeologists  
 2:15 Charles McJilton—The Health and Safety of Archaeology  
 3:00 Break  
 3:30 Mitzi DeCaro—Occupational Safety and Health Administration, Excavation Safety  
 4:15 Dan Williamson—Excavation Safety Equipment and Archaeology  
 5:00 Open Discussion

#### [8] ■ Opening Session

**Room:** Ballroom E, F, and G

**Time:** 7–8:30 pm

Welcome—Bruce D. Smith, president, Society for American Archaeology

Memorial Song—Heart of the Earth Singers

Introductory Statements—Representatives of Minnesota's Archaeological and Native American Communities

Elden Johnson Memorial Lecture—Don D. Fowler, We're All in the Past Together: Archaeology in the 21st Century

### THURSDAY MORNING, MAY 4, 1995

#### [9] Symposium ■ Rethinking Paleoindian Subsistence on the Southern Plains Periphery

**Room:** Carver

**Organizers and Chairs:** Michael B. Collins and C. Britt Bousman

**Participants:**

- 8:00 Michael B. Collins, C. Britt Bousman, Barry W. Baker, and C. E. Mear—Paleoindian Subsistence Patterns in Central Texas  
 8:20 Ken Brown—Berger Bluff: Early Holocene Foraging Station on the Coletto Creek Floodplain, Texas  
 8:40 Reid Ferring—Subsistence and Mobility Patterns at the Aubrey Clovis Site, Texas  
 9:00 Dennis Stanford, Margaret Jodry, and Larry Banks—Early Paleoindian Diet Breadth as Seen from the Lewisville Site, Texas: Critter Buffet as an Alternative to Mammoth Barbeque  
 9:20 Alston V. Thoms—Late Paleoindian Phantoms and Early Archaic Land-Use Strategies: A Savannah Perspective from the Southeastern Periphery of the Southern Plains  
 9:40 Eileen Johnson—Southern High Plains Paleoindian Subsistence Patterns  
 10:00 Thomas R. Hester and Harry J. Shafer—Early Holocene Occupations in the Lower Pecos Region of Texas  
 10:20 Jack Hoffman and Lawrence C. Todd—Lipscomb: Just Another Folsom Bison Bonebed?  
 10:40 Albert J. Redder—Small Game Hunting in the Paleoindian Components at Horn Shelter No. 2, Texas  
 11:00 Robert J. Mallouf—The Horace Rivers Site: Plainview Settlement and Subsistence in the Northeastern Texas Panhandle  
 11:20 George Frison—Discussant  
 11:40 Donald K. Grayson—Discussant

#### [10] General Session: Archaeological Method and Theory

**Room:** LaSalle

**Chair:** Michael W. Diehl

**Participants:**

- 8:00 Michael W. Diehl—Two Modes of Cultural Evolution in the Last Fifteen Thousand Years  
 8:20 Charles C. Kolb—"And Then They Fired the Pottery...": Ceramic Ecology

- and Materials Science in the Evaluation of the Critical Stage of Ceramic Production  
 8:40 T. R. Kidder—History, Narrative, and the Structure of Archaeological Inquiry  
 9:00 Barbara J. Carter, Robert C. Dunnell and Laura Newell-Morris—Gender-Linked Differences in Sr/Ca Ratios: Experimental Data from *Macaca nemestrina*  
 9:20 Garnett P. McMillan—An Examination of Some Archaeological Assemblage Distance Measures  
 9:40 Owen Lindauer and John H. Blitz—Monuments to Complexity: North American Platform Mounds as Earthen Pyramids, Sacred Precincts, and Tumuli  
 10:00 Mark Madsen, Carl Lipo, and Tim Hunt—Artifact Style Dynamics I: A Network Model of Cultural Transmission in Spatially Structured Populations  
 10:20 Robert J. Salzer—Systematics of Ritual Behavior: A Preliminary Assessment  
 10:40 Galen R. Burgett—Chaotic Landscapes, Eolian Geomorphology, and the Interpretation of the Surface Archaeological Record  
 11:00 Dalford D. Owens and John E. Byrd—A Method for Measuring Relative Abundance of Fragmented Archaeological Ceramics  
 11:20 Glenn R. Storey—Romans, Religion, and Urban Planning: Implications for the Archaeological Interpretation of Urban Configurations  
 11:40 Lane Beck and April Sievert—Power From the Dead: Ritual Modification of Human Remains

#### [11] Symposium ■ New Perspectives on the Tiwanaku Heartland

**Room:** Duluth

**Organizer:** John Wayne Janusek

**Chair:** Alan Kolata

**Participants:**

- 8:00 Alan Kolata and Michael Binford—Human-Climate Interactions in the Lake Titicaca Basin of Bolivia  
 8:20 John Wayne Janusek—Local Ceremony and Segmentary Politics in Tiwanaku Urban Centers  
 8:40 Nicole Couture—Ritual, Monumentalism, and Residence at Tiwanaku  
 9:00 Martin Giesso—Working For the Lords: Potential Evidence of Taxation in the Tiwanaku State Heartland  
 9:20 Melanie F. Wright—Reading Social Difference with Paleoethnobotanical Eyes: The Case of Middle Horizon Tiwanaku  
 9:40 Ann D. Webster—Tiwanaku Camelids: Subsistence and Sacrifice in the Heartland  
 10:00 Juan Albarracin-Jordan—Tiwanaku: A Segmentary State in the South-Central Andes  
 10:20 Christine Hastorf, Matthew Bandy, Lee Steadman, and Sonia Alconini—New Evidence for Ritual and Other Activities at Chiripa  
 10:40 Matthew T. Seddon and Charles Stanish—Recent Research on Tiwanaku Influence in the Juli-Pomata Region, Peru  
 11:00 Tom Dillehay—Discussant  
 11:20 Jeffrey Parsons—Discussant

#### [12] General Session ■ Western Asia, Africa, and Mediterranean Archaeology

**Room:** Directors Row 3

**Chair:** Adria LaViolette

**Participants:**

- 8:00 Eric E. Klucas—Assemblage Diversity and the Use of Space at Tell Al-Raqā'i  
 8:20 Elizabeth S. Dinsmore—Rural Settlement Patterns in the Early Islamic State: A Case of Social Reorganization in Medieval al-Andalus, Iberia  
 8:40 Heidi J. Miller—Tyranny of a Label: Bronze Age "Seals" of the Harappan Civilization  
 9:00 Henry P. Schwarcz and Christine White—The Grasshopper and the Ant: Did Nubians Store Their Grain?



- 9:20 Michelle Stevens—Chalcolithic: Early Bronze Age Land Use in the Southeastern Wadi Araba, Jordan  
 9:40 C. Garth Sampson—Pastoralist and Hunter-Gatherer Space Sharing Strategies in the Upper Karoo, South Africa  
 10:00 Alan H. Simmons—Early Island Adaptations: The Neolithic of Cyprus  
 10:20 Adam T. Smith—Iron Age Architecture of Southern Transcaucasia: Landscape and State Formation  
 10:40 Effie Athanassopoulos—Landscape Archaeology in the Medieval Mediterranean: Intensive Agriculture and Rural Settlement  
 11:00 M. Deirdre Beyer-Honca—Demographic Ratios at Cayonu: From Differential Preservation to Social Discrimination

**[13] Symposium ■ Maya Economic and Political Integration: A Perspective from Northwestern Belize**

**Room:** Rochester

**Organizers:** Lauren A. Sullivan and Brandon S. Lewis

**Chairs:** R. E. W. Adams and Fred Valdez, Jr.

**Participants:**

- 8:00 Hubert R. Robichaux—Settlement Survey in the Peripheral Zones of the La Milpa and Dos Hombres Sites in NW Belize  
 8:20 René Muñoz—The Excavations at RB-11: A Classic Maya Residence in Northwestern Belize  
 8:40 Lauren A. Sullivan—The Internal Dynamics of a Small Maya Site: The Excavation of Las Abejas  
 9:00 Jon C. Lohse, Jeff Durst, and Kaylee Stallings—An Introduction to the Ancient Maya Site of RB 43  
 9:20 Brett A. Houk and M. Kathryn Brown—Preliminary Report on Investigations at Dos Hombres, Belize  
 9:40 Paul J. Hugbanks, Pamela J. Buttles, and Jennifer Lundal—Landscape Modification and Community at Gujarral, Belize  
 10:00 Andrew Manning—Cultural Insights into the Late Classic Maya through Material Characterization  
 10:20 Julie Mather Saul, Frank P. Saul, and Arturo René Muñoz—Osteological Analysis of Burials from a Small, Non-Elite Rural Site (RB-11, Programme for Belize)  
 10:40 Stanley L. Walling, Sharon Misdea, and Roberta McIntyre—1993–1994 Settlement Investigations on the Rio Bravo Floodplain, Belize  
 11:00 Vernon L. Scarborough, Fred Valdez, Jr., and Nicholas P. Dunning—An Accretive Model of Land Water Use for the Ancient Maya of Northwestern Belize  
 11:20 Brandon S. Lewis—Late Classic Maya Economic Integration: Perspectives from the Lithic Production Systems of Northeastern Peten  
 11:40 R. E. W. Adams—A Regional Perspective on the Lowland Maya of the Northeast Peten and Northwest Belize

**[14] Poster Session ■ Eastern North America Archaeology**

**Room:** Poster Area

**Time:** 8 am–noon

**Participants:**

- 14A Mikels Skele and Rinita A. Dalan—Magnetic Susceptibility of Soils as an Aid to Interpretation of Prehistoric Features  
 14B Richard B. Duncan and Kristen Beckman—A GIS Predictive Model for Prehistoric Archaeological Sites  
 14C Michael K. Budak—Laurel Ceramics: A Pointed Question  
 14D R. P. Stephen Davis, Vincas P. Steponaitis, and Patrick Livingood—How to Create and Use an Electronic Site Report on CD-ROM  
 14E Thomas Hargrove and Alicia L. Wise—Geophysical Survey on Historic and Prehistoric Sites in North Carolina  
 14F Holly P. Halverson—An Oneota Village and Cemetery in La Crosse,

- Wisconsin: The Gundersen Site  
 14G Nathan D. Hamilton and Matthew Bampton—A Time Transgressive GIS of Holocene Environments in Casco Bay Estuary, Gulf of Maine  
 14H Flora Church—A Hopewell Settlement in the Lower Scioto Valley: Site 33 PK 153  
 14I Jonathan E. Bowen—St. Charles Bifaces in the Flint Ridge Upper Mercer Lithic-Supply Zone  
 14J Ellen Cesarski—Organizational Variability and Prehistoric Land Use in the Hoosic River Drainage  
 14K Christina B. Rieth—Cultural Interaction During the Carpenter Brook Phase  
 14L Ellen Shlasko and Nicholas Kouchoukos—Up Above and In the Ground: Site Survey and Settlement Patterns in 18th-Century South Carolina  
 14M Kolleen R. Butterworth and Craig Keener—Through Space and Time Along the Old Lincoln Highway: An Archaeological Overview of the US30 Improvement in Ohio  
 14N James M. Cogswell, Louis Ross, Jr., and Michael J. O'Brien—Analysis of Postdepositional Effects on Prehistoric Ceramics from Southeastern Missouri: Implications for Provenience Studies  
 14O Michael D. Glascock and Tom Beard—Analysis of Chert Samples from the Mt. Vernon Site, 12PO885, Mt. Vernon, Indiana  
 14P Susan J. Bender and Kerry Nelson—Reconstructing Prehistoric Settlement in the Upper Hudson Valley, New York  
 14Q Brenda J. Baker and Maria A. Liston—War Is Hell: 18th-Century Military Remains at Fort William Henry  
 14R Michael J. Klein and Thomas Klatka—Absolute Seriation, Diagnostic Artifacts, and Feature Chronology: Evaluating Multiple Occupations at the Graham-White Site (44RN21)  
 14S Gregory F. Walwer and Dorothy N. Walwer—Technological Change and Subsistence Continuity in a Southern Plains Ecotone: The Hokiahe Rock Shelter  
 14T Susan Bamann—Settlement Nucleation in Mohawk Iroquois Prehistory  
 14U Rinita A. Dalan and Harold W. Watters, Jr.—Environmental Magnetic Techniques as an Aid in Understanding Earthen Archaeological Terrains  
 14V Stephen Ball—Geophysical Remote Sensing and the Interpretation of Subsurface Features

**[15] Symposium ■ Surplus Labor and Social Power**

**Room:** Ballroom B

**Organizers:** Lisa J. Lucero and Kirsten A. Olsen

**Chair:** Lisa J. Lucero

**Participants:**

- 8:00 Karen E. Saenz—Indigenous and Academic Concepts of Labor in Hunter-Gatherer Studies: Ethnoarchaeological Perspectives from Northern Australia  
 8:20 Mark W. Allen—Economic Power, Warfare, and Labor in Simple Chiefdoms: Hillforts in Hawke's Bay, New Zealand  
 8:40 Kirsten A. Olson and Lisa J. Lucero—Control of Surplus Labor and the Distribution of Wealth and Power in Late Classic Maya Society  
 9:00 Jennifer Kirker—Social Power and Labor Organization in Classic Maya Society: An Architectural Analysis from Copan, Honduras  
 9:20 Elizabeth DeMarrais—Regional Politics, Labor, and Power in the Calchaqui Valley, Northwestern Argentina  
 9:40 L. Banks Leonard—Public Works in the Lower Chicama Valley, North Coast of Peru—A.D. 100–1530  
 10:00 Susan Evans—Discussant  
 10:20 David Webster—Discussant



**[16] General Session ■ Old World: Paleolithic/Late Glacial****Room:** Directors Row 4**Chair:** Olga Soffer**Participants:**

- 8:00 Christopher M. Monahan—Early Hominid Foraging Behavior in the Lower Pleistocene: Scanning Electron Microscopy of Bed II (Olduvai) Archaeofauna  
 8:20 Chuan Kun Ho—Land Use Patterns of Pleistocene Hominids in North China  
 8:40 Paul Thacker—Representative Settlement Studies of the Upper Paleolithic: The Importance of Disturbed and Small Sites  
 9:00 Olga Soffer, Pamela Vandiver, and Bohuslav Klima—Paleolithic Ceramics and Clay Objects from Pavlov I  
 9:20 J. M. Adovasio, O. Soffer, and B. Klima—Paleolithic Fiber Technology: Data from Pavlov I, Czech Republic, ca. 27,000 B.P.  
 9:40 William E. Banks and Anta Montet-White—Spadzista, Loci E and F: Flake and Blade Dorsal Pattern Analysis and Comparison with Other Gravettian Assemblages  
 10:00 Lars Larsson—Settlement and Environmental Changes in Southern Sweden During the Late Glacial

**[17] Sponsored Symposium ■ Time, Culture and Art, I: Small-Scale Societies (ICOMOS International Rock Art Committee)****Room:** Ballroom E**Organizer:** David S. Whitley**Chair:** James Keyser**Participants:**

- 8:00 Marvin W. Rowe and Marian Hyman—Chemical Studies of Pictographs  
 8:20 Christopher Chippindale, Paul S. C. Tacon, D. Erle Nelson, George Chaloupka and John R. Southon—How Rock-Art Figures Vary Over Time: Lessons from the Northern Territory of Australia  
 8:40 Justin R. Hyland—Rock Art and the Hunter-Gatherer Research Agenda  
 9:00 Carolyn E. Boyd—Pictographic Evidence of the Peyote Cult in the Lower Pecos, Texas, Archaic  
 9:20 Linea Sundstrom—Buffalo Women: Changing Contexts of a Siouan Rock Art Tradition  
 9:40 James Keyser—The Ambrose Ledger: Coup Counting on the Plains/Plateau Periphery  
 10:00 Larry Loendorf—Rock Art and the Grand Canyon  
 10:20 Knut Helskog—Inter- and Intra-Site Variability in the Rock Art in Atta, Arctic, Norway, as a Reflection of Different Meanings and Culture Groups  
 10:40 Carol Diaz-Granados—Societal Organization and Myth as Reflected in Missouri's Major Petroglyph Group  
 11:00 David S. Whitley—Art, Myth, and Ritual in the Far West  
 11:20 Margaret Conkey—Discussant

**[18] General Session ■ Mississippian Archaeology****Room:** Ballroom C**Chair:** Timothy Pauketat**Participants:**

- 8:00 Jon Muller—Historic and Mississippian Population Stability  
 8:20 Richard W. Jefferies—Mississippian Adaptation on the Northern Periphery: Settlement, Subsistence, and Interaction in the Cumberland Valley of Southeastern Kentucky  
 8:40 Jeanette E. Stephens—The Political Geography of Mississippian Mound Centers at the Mississippi-Ohio River Confluence  
 9:00 Vernon James Knight—Some Developmental Parallels Between Cahokia and Moundville  
 9:20 Bill Iseminger and John Kelly—The Cahokia Palisade: Partitioning the Sacred Precinct

- 9:40 George W. Christiansen—Red Wing Mississippian: A Case of Mistaken Identity?  
 10:00 Ervan G. Garrison—Archaeological Geophysics and Temple Mounds  
 10:20 Diane Wilson—Engendering the Mississippian Powers Phase Turner Cemetery Population  
 10:40 Clark A. Dobbs and George R. Holley—Reclaiming Silvernale: Implications of 12th-Century Mississippian-Like Occupation of the Red Wing Locality  
 11:00 Janet Rafferty—Investigating Habitation Intensity at a Mississippian Mound Group  
 11:20 David H. Dye—Late Mississippian Warfare Iconography in the Central Mississippi Valley  
 11:40 Theresa M. Schober and Stanley H. Ambrose—Reinvestigation of Maize Consumption in West-Central Illinois: The Evidence of Bone Carbonate and Collagen

**[19] Symposium ■ Deciphering Anasazi Violence****Room:** Hennepin**Organizers:** Peter Bullock and Debra Martin**Chair:** Peter Bullock**Participants:**

- 8:00 Anne Katzenberg—Skeletal Evidence for Anasazi Violence in Southwestern Colorado  
 8:20 Nancy J. Akins—Prehistoric Violence Along the La Plata River in New Mexico  
 8:40 Signa Larralde—Anasazi Axes and Mauls as Cleavers and Clubs  
 9:00 Ricky R. Lightfoot and Kristin A. Kuckelman—Ancestral Pueblo Violence in the Northern Southwest  
 9:20 Jonathan Haas and Winifred Creamer—The Historic Record of Pueblo Warfare  
 9:40 Debra L. Martin—Lives Unlived: The Political Economy of Violence Against Anasazi Women  
 10:00 J. Andrew Darling—Mass Inhumation and the Execution of Witches in the North American Southwest  
 10:20 Peter Y. Bullock—Multidimensional Assessment of Anasazi Mortuary Behavior  
 10:40 George R. Milner—Discussant  
 11:00 Ross Hassig—Discussant

**[20] Symposium ■ Shell Ornament Production: A New World Perspective****Room:** Marquette**Organizer and Chair:** Mary Beth D. Trubitt**Participants:**

- 8:00 Mary Beth D. Trubitt—Marine Shell Ornament Production at Cahokia  
 8:20 Meredith L. Dreiss—Shell Artifacts at the Mitchell Ridge Site, Galveston Island, Texas  
 8:40 Ronna J. Bradley—A Comparison of Shell Ornament Production Strategies in the North American Southwest  
 9:00 James M. Bayman—Hohokam Shell Ornament Production, Consumption, and Community Organization  
 9:20 Jeanne E. Arnold—Socioeconomic Contexts of Specialized Shell Working Industries in Southern Insular California  
 9:40 Margaret H. Turner—Shell Ornament Production at Teotihuacan, Mexico  
 10:00 Gary M. Feinman and Linda M. Nicholas—Shell Ornament Technologies and Production in Highland Oaxaca  
 10:20 Hattula Moholy-Nagy—Contexts of Shell Artifact Production and Consumption at Tikal  
 10:40 Maria Masucci—The Nature and Identification of Marine Shell Working at Prehistoric Guangala Phase Sites in Southwest Ecuador  
 11:00 James Brown—Discussant



# [21] Symposium ■ The Classic to Postclassic Transition in Western Mexico

**Room:** Ballroom G

**Organizers:** Christopher T. Fisher and Helen P. Pollard

**Chair:** Helen P. Pollard

**Participants:**

- 8:00 Loni M. Kantor—Lithic Specialization and the Growth of La Quemada
- 8:20 Nicola H. Strazich—Prehispanic Pottery Production at La Quemada, Zacatecas
- 8:40 Paula Turkon—Environmental Unpredictability and Subsistence at La Quemada, Zacatecas, Mexico
- 9:00 Ben A. Nelson—Dating La Quemada
- 9:20 Vincent W. Schiavitti—The Organization and Timing of Prehispanic Mining in the Chalchihuites Area of Northwest Mexico
- 9:40 Christopher S. Beekman—The El Grillo Complex of Central Jalisco: Teotihuacan Expansion or Epiclassic Movements from the Northern Frontier?
- 10:00 Dorothy Hosler—The Introduction of Metallurgy to West Mexico: Timing and Teotihuacan
- 10:20 Dan M. Healan—Settlement and Exploitation in the Zinapécuaro-Ucareo Obsidian Source Area
- 10:40 Christopher T. Fisher—Raised Fields and State Formation in the Luke Pátzcuaro Basin
- 11:00 Helen Perlstein Pollard—The Transformation of Regional Elites in Central Michoacan
- 11:20 Kenneth G. Hirth—Discussant

# [22] Symposium ■ Doing Darwinian Archaeology

**Room:** Ballroom F

**Organizers and Chairs:** Patrick T. McCutcheon and José L. Lanata

**Participants:**

- 8:00 Patrick T. McCutcheon—Evolutionary Fitness of Stone Tool Heat-Treatment Technology
- 8:20 Nora Viviana Franco and Luis Alberto Borrero—Bifaces, Guanacos, and Other Resources: The Evolution of Patagonian Populations
- 8:40 José Luis Lanata and Norma Ratto—Tool-Kits and Sea Lions: A Case Study from Tierra del Fuego
- 9:00 Kris H. Wilhelmsen and Kim D. Kornbacher—Style and Function at the Artifact Scale: A Fundamental Dichotomy Revisited
- 9:20 Sarah L. Sterling—Recognizing Functional Differentiation at the Predynastic/Old Kingdom Transition in Egypt
- 9:40 Daniel Larson and Hector Neff—The Evolution of Exchange
- 10:00 Susan A. Lebo—Post-Contact Ceramic Change in Honolulu, Hawaii
- 10:20 James Truncer—Provenance as a Measure of Transport Cost: A Study of Steatite Vessel Manufacture Using Evolutionary Theory
- 10:40 C. Michael Barton and G. A. Clark—A Selectionist Model for Information Exchange in Late Pleistocene/Early Holocene Europe
- 11:00 Carl Lipo, Mark Madsen, and Tim Hunt—Artifact Style Dynamics II: Deriving Seriation from a Network Model of Transmission
- 11:20 Robert C. Dunnell—Discussant
- 11:40 David Rindos—Discussant

# [23] Symposium ■ Gender and the Interpretation of Power

**Room:** Ballroom A

**Organizer and Chair:** Tracy Sweely

**Participants:**

- 8:00 Ruth Tocolli—Women Chiefs in the Southeast and Caribbean: Women of Power or Invisible Women?
- 8:20 Janet E. Levy—Gender, Power, and Heterarchy in Middle-Level Societies
- 8:40 Susan Kent—Causes of the Development of Gender Inequality and Loss of

- Power: Perspectives from the Kalahari
- 9:00 Alice B. Kehoe—A Resort to Subtler Contrivances
- 9:20 Sarah H. Schlanger—Men's Houses and Women's Places: Gender and Power Relations During the Anasazi Pithouse to Pueblo Transition
- 9:40 Tracy Sweely—Objects, Space, People, and Power at Ceren, El Salvador
- 10:00 Shariisse D. McCafferty and Geoffrey G. McCafferty—Weapons of the Weak?: Spinning and Weaving Tools in Postclassic Mexico
- 10:20 Katharine Woodhouse-Beyer—Reinterpreting the Russian American Company: Artels, Gender, and the Kodiak Archipelago
- 10:40 Suzanne M. Spencer-Wood—Discussant
- 11:00 K. Anne Pyburn—Discussant
- 11:20 Sarah M. Nelson—Discussant

# [24] Sponsored Forum ■ State Archaeology Weeks (Council of Affiliated Societies)

**Room:** Board Room 1

**Organizer and Chair:** Pat Mercado-Allinger

**Time:** 8:30–11:30 am

**Participants:**

- Ann V. Howard—Arizona's Public Archaeology Program: Promoting Education, Protection, and Interpretation
- Nena Powell—South Carolina Archaeology Week
- Lynne Sebastian—Discussant
- Nena Borremans—Florida Archaeology Week

# [25] Workshop ■ Advisory Council on Historic Preservation: Changes to Its Regulations (36 CFR Part 800) Implementing Section 106 of the National Historic Preservation Act (Advisory Council on Historic Preservation)

**Room:** Directors Row 2

**Organizers and Chairs:** Tom McCulloch and Alan Stanfill

**Time:** 8:30 am–noon

**Participants:** Catherine Cameron, Tom McCulloch, Alan Stanfill

## THURSDAY AFTERNOON, MAY 4, 1995

# [26] Symposium ■ The Postclassic Revisited: Social Development and Chronology of Central Mexico

**Room:** Duluth

**Organizers:** Deborah Nichols and Deborah Erdman

**Participants:**

- 1:00 Jeffrey Parsons, Elizabeth Brumfiel, and Mary Hodge—Are Aztec I Ceramics Epiclassic? The Implications of Early Radiocarbon Dates from Three Aztec I Deposits in the Basin of Mexico
- 1:20 Deborah Erdman—Styles of Time: Decorated Ceramics as Chronological Markers
- 1:40 Susan Toby Evans, Jeffrey R. Parsons, and Thomas H. Charlton—Aztec Period Ceramics of the Rural Teotihuacan Valley
- 2:00 Deborah L. Nichols and Thomas H. Charlton—The Postclassic Occupation at Otumba: A Chronological Assessment
- 2:20 Susan Schroeder—Creating Kingdoms in Postclassic Mexico: The Importance of Philological Ethnohistorical Interpretations
- 2:40 Robert Cobean—Chronology of the Tula Region: Revision and Update
- 3:00 Geoffrey G. McCafferty and Sergio Suarez Cruz—The Classic/Postclassic Transition at Cholula: Recent Investigations at the Great Pyramid
- 3:20 Michael Smith—Discussant
- 3:40 George Cowgill—Discussant



**[27] Symposium ■ New Approaches to Later European Prehistory****Room:** Marquette**Organizer and Chair:** Peter S. Wells**Participants:**

- 1:00 Michael Dietler—The Cup of Gyptis: Rethinking the Colonial Encounter in Early Iron Age Europe
- 1:20 Jean-Paul Demoule—Power and Resistance to Power in European Iron Age
- 1:40 Bettina Arnold—The Archaeology of Gender in Iron Age Europe
- 2:00 Matthew L. Murray—Looking Beyond the Center: A Landscape Approach to the Late Iron Age *Oppidum* at Kelheim, Germany
- 2:20 Peter S. Wells—Identities, Material Culture, and Change: "Celts" and "Germans" in Late Iron Age Europe
- 2:40 Margret Hermanns-Audardottir—On the Early Settlement of Iceland: Reevaluation in Light of Archaeological Evidence
- 3:00 Henrik M. Jansen—Ships, Trade, and Towns in Viking Age Denmark
- 3:20 Terry A. Fingerhut—New Approaches to Honestones from Viking Age Sites

**[28] Symposium ■ New Approaches to Method and Theory in Lithic Analysis****Room:** Ballroom C**Organizers:** Julie Morrow and Michael F. Rondeau**Chair:** Toby Morrow**Participants:**

- 1:00 Mary Lou Larson and Marcel Kornfeld—Chipped Stone Nodules: Theory, Method, and Several Northwest Plains Examples
- 1:20 Matthew J. Root—Production for Exchange at the Knife River Flint Quarries, North Dakota
- 1:40 Michael F. Rondeau—Technology as Context for Obsidian Hydration Studies
- 2:00 Raymond P. Mauldin, Daniel S. Amick, and William C. Prentiss—Effects of Raw Material on Flake Breakage Patterns
- 2:20 Toby Morrow—A Chip Off the Old Block: A Systematic Approach to Debitage Morphology
- 2:40 Juliet E. Morrow—Endscraper Morphology and Use-Life: An Approach for Studying Paleoindian Technology and Mobility
- 3:00 Steve Rosen—Craft Specialization and Pastoral Nomadism: The Analysis of Microlithic Drills from the Camel Site
- 3:20 R. Eric Hollinger—Oneota Adaptations, Interactions, and Cultural Extinction Viewed Through Lithic Technologies
- 3:40 Carlos Pereira and Paul Thacker—Identifying Lithic Craft Specialization: A Caveat from Ethnoarchaeology
- 4:00 George H. Odell—Discussant

**[29] Symposium ■ Artifact Trafficking and Marketing: The Commercial Threat to Preservation****Room:** Ballroom A**Organizers and Chairs:** Susan D. Morton and Martin E. McAllister**Participants:**

- 1:00 Susan D. Morton—Alternatives for Controlling Illegal Trafficking in Antiquities: A Report to the U.S. Congress
- 1:20 Martin E. McAllister—Let Your Fingers Do the Finding: Identification of Artifact Dealers Using the Yellow Pages
- 1:40 William L. Leigh—Garbage, Guts, and Greed: The Trafficking of Civil War Collectibles?
- 2:00 Judy Reed—The Face of the Looter
- 2:20 Larry Mackey—The Art Gerber Prosecution: A Case Study on Interstate Trafficking of Stolen Artifacts
- 2:40 Anthony J. Antonellis—Plundering the Peninsula: Prosecution of Civil War Artifact Traffickers
- 3:00 Larry E. Murphy and Daniel J. Lenihan—Historic Shipwrecks: A Study in State-Sanctioned Antiquity Trafficking

- 3:20 Phillip A. Young—Money, Drugs, and Art
- 3:40 Ricardo J. Elia—Antiquities Collecting: A Destructive Passion
- 4:00 Francis P. McManamon—Discussant

**[30] General Session ■ Southwest: Environment, Technology, and Analysis****Room:** Hennepin**Chair:** Thomas R. Rocek**Participants:**

- 1:00 Jeannette Mobley-Tanaka and Janet L. Griffiths—Residues Seen on Prehistoric Bone Tools Under the Microscope
- 1:20 Karen M. Gardner, Brian S. Shaffer, and John E. Dockall—Prehistoric Hunting Technology and Techniques of the Mimbres
- 1:40 Barrett P. Brenton and Karl J. Reinhard—Evidence from Coprolite Analysis for the Ingestion of Corn Smut (*Ustilago maydis*) in the Prehistoric American Southwest
- 2:00 John Hufnagle—Teasing More Information Out of Tree-Ring Dates to Better Understand Aggregation.
- 2:20 Cathy J. Lebo—Prelude to Agriculture: Climatic Risk and Cultural Response in the American Southwest
- 2:40 Thomas R. Rocek—Fine Scale Resolution in Archeological Chronometrics: Historic Navajo Dendrochronology
- 3:00 J. Philip Dering—At the Desert's Edge: Classic Period Plant Foraging and Production in the Tonto Basin, Arizona
- 3:20 David C. Hyland and J. M. Adovasio—Perishable Industries From Pendejo Cave, New Mexico
- 3:40 Mark T. Lycett—Spatial Variation in Agricultural Landscapes: The Structure of Clusters in the Galisteo Basin, New Mexico
- 4:00 Eric Kaldahl—Chipped Stone Assemblages in a Lithic Rich Environment: Functional and Social Organizational Impacts on Technology
- 4:20 Jeff D. Leach, Raymond P. Mauldin and H. Curtis Monger—Eolian Geomorphology and Archaeological Patterning in the Desert Southwest

**[31] General Session ■ European Bronze Age and Later****Room:** Directors Row 3**Chair:** P. N. Kardulias**Participants:**

- 1:00 P. Nick Kardulias—Stone Tools in Ancient Greece: Local Production, Technological Traditions, and Regional Economics
- 1:20 Carl Blair—Large-Scale Iron Production In The Past: The On-Going Research of SMELT
- 1:40 Jason Bass—Tracing Long-Distance Exchange to its Origin: Sourcing Flints in Northeastern Bulgaria
- 2:00 Elizabeth Hamilton—Technology and Social Change: The Effects of the Roman Conquest on the Native Copper-Working Tradition at the Titelberg, G.D. Luxembourg
- 2:20 Ludmila Koryakova—Migrations of the Iron Age in Northern Eurasia
- 2:40 Haskel J. Greenfield—Identification of Activity Areas on Early Neolithic Settlements in the Central Balkans: A Comparison of Surface Collection and Remote Sensing with Excavation Data.
- 3:00 Deborah J. Shepherd—Religious Beliefs of the Viking Age Finns: Ethnohistoric and Mythic Perspectives on Prehistoric Cemeteries
- 3:20 Richard W. Yerkes, Michael K. Toumazou, and P. Nick Kardulias—Survey and Excavation in Central Cyprus, the Athienou Archaeological Project 1994

**[32] General Session ■ South America****Room:** LaSalle**Chair:** Clark L. Erickson



**Participants:**

- 1:00 Elizabeth Pintar and Debora M. Kligmann—Archaeological Bifaces and the Limits of Experimental Reduction Models
- 1:20 Deborah M. Pearsall—Reconstructing Subsistence in the Lowland Tropics: A Case Study From the Jama River Valley, Manabi, Ecuador
- 1:40 Steve A. Tomka—Systemic Constraints on Tool Design, Manufacture, and Selection Strategies in a Transhumant Agro-Pastoral Context
- 2:00 Clark L. Erickson—Experimental Approaches to Ancient Agricultural Technology in Amazonia
- 2:20 Ran Boytner and Arie Wallert—Dye, Textile, and Culture in the Southern Andes: A Synthesis of Recent Investigations
- 2:40 Michael Heckenberger—The Later Prehistory of the Upper Xingu Basin, Central Brazil
- 3:20 Deborah E. Blom, Dale J. Yeatts, and Jane E. Buikstra—A Bioanthropological Approach to Tiwanaku-Moquegua Valley Interaction

**[33] General Session ■ Midwest and Midsouth Archaeology****Room:** Ballroom G**Chair:** Robert Mainfort, Jr.**Participants:**

- 1:00 Lawrence A. Kuznar and Robert Jeske—The "Roll" of Dogs in Archaeological Site Formation Processes: It's the Pits
- 1:20 L. Anthony Zaluska—Floral Resource Selection and Depositional Patterning at the Wever Site (13LE110)
- 1:40 Charles R. Moffat and Robert F. Boszhardt—Sand County Prehistory: The Late Woodland Settlement of the Central Wisconsin River Drainage
- 2:00 Douglas K. Charles and Jane E. Buikstra—Structural Evidence of Ritual Practice at the Hopewell Moundhouse Site in West-Central Illinois
- 2:20 Thomas J. Riley—Muddles and the Middle: Cultivars and Cultivation in the Midsouth and Middle Mississippi Regions of Eastern North America During and Before the Middle Woodland Period
- 2:40 Joe Alan Artz—Rodent-Induced Size Sorting of Archaeological Deposits in Southeastern Iowa
- 3:00 Robert J. Jeske—Microwear Analysis of Lithic Artifacts from the LaSalle County Home Site (11LS14)
- 3:20 Constance Arzigian—Horticultural Systems of Western Wisconsin's Woodland Period
- 3:40 Mary K. Whelan, Margot Neverett, and William Green—From Consumption to Production: Reconceptualizing Archaeological Subsistence Analysis

**[34] General Session ■ Latin America****Room:** Directors Row 4**Chair:** Barbara Voorhies**Participants:**

- 1:00 L. Antonio Curet—Technological Changes in Prehistoric Ceramics from Puerto Rico: A Preliminary Study
- 1:20 Michael A. Cinquino, Michele H. Hayward, and Inez Reed Hoffman—1994 Excavations at the Aklis Site, Sandy Point National Wildlife Refuge, St. Croix, USVI
- 1:40 James A. Delle—Space, Race, and Profit: A Comparative Analysis of Colonial Socio-Spatial Processes in 16th-Century Ireland and 19th-Century Jamaica
- 2:00 Jeffrey Stomper, Barbara Fash, and Elizabeth Pope—The Popol Na: Politics and Sacred Space at Copán, Honduras
- 2:20 Sharon Swihart—Long Distance Relationships and Elite Legitimation: A Case Study from Late Preclassic Northwestern Honduras
- 2:40 Anthony J. Ranere and Patricia Hansell—Modeling Agricultural Expansion in the Humid Tropics of Panama: A Geographic Information Systems (GIS) Approach
- 3:00 Alexander F. Christensen—Cranial Non-Metric Evidence for the Nahua Migrations

- 3:20 Kevin Johnston—Political Power and the Structure of Writing: Dominance, Persuasion, and Recording in Mesoamerican Complex Societies
- 3:40 Edward Buckler, Timothy Holtsford, and Deborah Pearsall—Maize Domestication: The Molecular Evidence With Respect to Biogeography and Early Holocene Climate Change

**[35] Symposium ■ Theory and Practice in the Southwest and Micronesia: Symposium in Honor of George Gumerman****Room:** Directors Row 2**Organizer and Chair:** David A. Phillips, Jr.**Participants:**

- 1:00 Shirley Powell and Miranda Warburton—George Gumerman and Archaeological Administration: A View from Black Mesa
- 1:20 Stephen H. Lekson—The Logic of Regional Synthesis
- 1:40 Paul Robert Fish and Suzanne K. Fish—Climate, Culture, and Agricultural Intensification in the Southwest
- 2:00 Anthony L. Klesert—Chacoan Communities in Arizona: A Big Picture From CRM Pixels
- 2:20 W. Bruce Masse—Foment in the Firmament: Temporary Celestial Events and Culture Change in the Southwest
- 2:40 Robert C. Euler—Anasazi Culture Change and Paleoenvironment in Southeast Utah
- 3:00 John Ware—Multidisciplinary Investigations of Late Prehistoric Agricultural Field Systems in Northern New Mexico
- 3:20 Carol S. Weed—The Brownware Quagmire East of the Pecos: Ceramic Supertypes and the Ware/Type/Variety System
- 3:40 Timothy A. Kohler—Comparing Paleodemographic Estimates Using Classical Estimation and Kriging Applied to Sherd Counts/Weights and Rim Arc/Radius Measures
- 4:00 James Carucci—The Impact of Prehistoric Humans on Marine Ecosystems: Faunal Evidence from the Rock Islands of Palau
- 4:20 Douglas B. Hanson—Health and Disease in Island Ecosystems: The Status of Bioarchaeological Research in Micronesia

**[36] Symposium ■ Early Paleoindian Cultural-Ecological Adaptations in the Late Pleistocene Great Lakes Region and Northeast: Common Strategies or a Diversity of Approaches?****Room:** Carver**Organizer and Chair:** Peter L. Storck**Participants:**

- 1:00 George L. Jacobson—Spatial and Temporal Variability in Late-Glacial Vegetation of the Great Lakes-New England Region
- 1:20 James B. Stoltman—Paleoindian Adaptive Strategies in Wisconsin
- 1:40 Henry T. Wright and Donald B. Simons—Colonizing the Central Great Lakes: Implications of Gainey and Butler Assemblage Variability
- 2:00 Christopher Ellis and D. Brian Deller—Early Paleoindian Cultural and Adaptive Variability in the Great Lakes/Northeast: A View from Southern Ontario
- 2:20 Jonathan C. Lothrop—Paleoindian Adaptations in New York, Pennsylvania, and Ohio
- 2:40 Arthur E. Spiess, James Bradley, and Deborah Wilson—New England-Maritimes Region Early Paleoindian Occupation and Great Lakes Region Parallels
- 3:00 Daniel C. Fisher—Commonalities of Mastodon Carcass Processing in the Eastern Great Lakes Region, USA
- 3:20 David J. Meltzer—Discussant



**[37] General Session ■ Maya****Room:** Rochester**Chair:** Thomas Hester**Participants:**

- 1:00 Nan Gonlin—Ancestors in the Countryside: Interpreting Rural Maya Burial Patterns
- 1:20 Michelle R. Woodward—Provenience Studies of Surface Obsidian Artifacts from the Northern Ridge of Lake Atitlan, Guatemala
- 1:40 K. Anne Pyburn—"Orientalizing" the Maya
- 2:00 Joselyn Ferguson—The Little People: A Discussion of Dwarfs Among the Pre-Columbian Maya
- 2:20 Terry G. Powis and Bobbi Hohmann—Ancient Maya Round Structures at Cahal Pech, Belize: New Insights on the Complexity of Middle Formative Circular Platforms
- 2:40 Jaime J. Awe, Paul F. Healy, and Christopher M. Stevenson—Preclassic Maya Obsidian in the Belize Valley
- 3:00 Thomas H. Guderjan—Aspects of Maya Settlement in Northern Belize: The View from Blue Creek
- 3:20 Jim Aimers—Maya Orban Form in Comparative Perspective
- 3:40 Gyles Iannone—An Assemblage of Ancient Maya Ritual Enema Paraphernalia from Zubin, Cayo District, Belize
- 4:00 Dale B. Hudler, Thomas R. Hester, and Harry B. Iceland—Preceramic Settlement at Colha, Belize: The 1994 Investigations

**[38] Forum ■ Taxonomic Identifications and Faunal Summaries: What Should We Be Including in Our Faunal Reports?****Room:** Ballroom F**Organizers and Chairs:** Virginia L. Butler and R. Lee Lyman**Time:** 1-3 pm**Participants:** Virginia L. Butler, Jon Driver, Elizabeth J. Reitz, Donald K. Grayson, Russ Graham, Kathy Cruz-Urbe, Mary C. Stiner, R. Lee Lyman**[39] Sponsored Symposium ■ Time, Culture and Art, II: Culture Contact and Change, and Large Scale Societies (ICOMOS International Rock Art Committee)****Room:** Ballroom E**Organizer:** David S. Whitley**Chair:** Larry L. Loendorf**Participants:**

- 1:00 Michael A. Klassen—From Icon to Narrative: Continuity and Change in the Contact Period Rock Art of Writing-On-Stone, Southern Alberta
- 1:20 Julie Francis and Mary Lou Larson—Petroglyphs, Points, and Pots: The Numic Expansion and Prehistoric Boundary Conditions in Northwestern Wyoming
- 1:40 Jannie Loubser—Rock Paintings, Hierarchy, and Change in Hunting-Gatherer Communities of the Caledon River Valley, South Africa
- 2:00 Leslie M. Nelson—How Are These Sites Different? Investigating Petroglyph and Site Variation in South Central Arizona
- 2:20 Kelley Hays-Gilpin—Anasazi Rock Art's Changing Social Contexts
- 2:40 Matthew Schmader—Comparing Late Puebloan Petroglyph Imagery to Other Forms of Artistic Expression
- 3:00 Persis B. Clarkson—The Textualization of Geoglyphs
- 3:20 Andrea Stone—Socio-Spatial Paradigms and the Production of Maya Rock Art
- 3:40 John Parkinson—Discussant

**[40] Symposium ■ Re-examining Theoretical and Methodological Approaches to Production and Specialization: Where Do We Go From Here?****Room:** Ballroom B**Organizers and Chairs:** Cheryl Coursey and Melody Pope**Participants:**

- 1:00 Nancy L. Benco—A Historical Model of Craft Production from the Medieval Islamic World
- 1:20 Charles R. Cobb—Specialization, Surplus, and Power in Chiefdoms
- 1:40 Joan M. Gero and Maria Cristina Scattolin—Household Production as Glue: Insights from the Early Formative of Northwestern Argentina
- 2:00 Cheryl Coursey and Melody Pope—Production and Consumption at a Mesopotamian Town: A Local Perspective
- 2:20 Patricia Wattenmaker—Untangling Perceptions of Specialists and Consumers: A Case Study from Ancient North Mesopotamia
- 2:40 Tamara L. Bray—Coca Production and Andean Political Economy
- 3:00 Frances Hayashida—Administered Craft Production in the Inka State
- 3:20 Paul D. Welch—Strategies for Control of Craft Production in Chiefdoms
- 3:40 John E. Clark—Craft Specialization in the Mesoamerican Formative
- 4:00 Richard Lesure—The Social Context of Early Formative Figurine Production in Coastal Chiapas, Mexico
- 4:20 Thomas W. Killion—Olmec Basalt Monument Production in the Southern Tuxtlas Region: Implications for the Growth of Formative Period Society at Laguna de los Cerros, Veracruz, Mexico
- 4:40 Carla M. Sinopoli—Discussant

**[41] Poster Session ■ Old World Archaeology****Room:** Poster Area**Time:** 1-5 pm**Participants:**

- 41A Robert H. Tykot and Karen Hartshorn—The Source of Corse Obsidian: Neolithic Exchange in the Western Mediterranean
- 41B Bruce L. Hardy—Functional Analysis of Stone Tools from the Middle Paleolithic Site of La Quina, France

**[42] Poster Session ■ Southwest Archaeology****Room:** Poster Area**Time:** 1-5 pm**Participants:**

- 42A Shawn L. Penman, Ann F. Ramenofsky, Anastasia Steffen, and Steve Dominguez—Surface Investigations of High-Low-Density Records in the Lower Chama Valley
- 42B Norman B. Nelson—Pueblo Blanco: Cultural Resources Protection Through Ecosystem Restoration
- 42C Peter Bullock and Nancy Hanks—The Origin of Blue Corn in the American Southwest
- 42D Brett Hill—Early Historic Environmental Mismanagement in the Rio Grande Area
- 42E Kurt Dongoske and Michael Yeatts—The Kawaika'a and Awatovi Mapping Project
- 42F Jason Lucas—The Late Pithouse Period at Old Town
- 42G Jennifer G. Strand—Ritual Behavior and the Faunal Remains From a "Great Kiva," Homol'ovi II Pueblo.
- 42F Kristine M. Kunkel and Stephen R. Durand—Timber Harvesting Using Stone Axes

**[43] Poster Session ■ Western North America Archaeology****Room:** Poster Area**Time:** 1-5 pm**Participants:**

- 43A Lynn L. Larson—West Point, Seattle, Washington, Subsistence Patterns and Southern Puget Sound Subsistence Organization
- 43B Paul Solimano and Leonard A. Forsman—Late Holocene Cultural Systems in the Duwamish River Valley, Western Washington



- 43C Joel D. Irish and John W. Hohmann—Reliability of Three Remote Sensing Techniques at Old Las Vegas Mormon Fort State Park
- 43D Dennis E. Lewarch—Development of Local Styles and Adaptations in Puget Sound and the Gulf of Georgia
- 43E C. C. Hoffman—Old Trails-New Paths: Paleo/Archaic Boundary Research in the Great Basin
- 43F Brooke Arkush—Initial Results of Excavations at the Rock Springs Bison Kill Site, Southeastern Idaho
- 43G Heather Van Wormer and Timothy Scarlett—Rustling Cattle and Rampant Pigs: Faunal Analysis from Houselots at Shermantown
- 43H Lisa M. Hooper and David Rhode—Harvest and Yield Studies of Some Ethnographic Food Plants in the Yucca Mountain Area
- 43I Bryan Scott Hockett—Global Positioning System (GPS) and Archaeology in Nevada
- 43J Brian W. Hoffman—Late Prehistoric Corporate Households in the Eastern Aleutian Region
- 43K Patrick M. Lubinski—Pronghorn Intensification in the Wyoming Basin?
- 43L Christine Prior, Elizabeth J. Lawlor, and Kyle Moffitt—Radiocarbon Ages of Great Basin Wood Charcoals: Avoiding Errors Due to Unwarranted Assumptions About Stable Isotopes
- 43M Hal B. Rager—GIS and the Yucca Mountain Project Archaeological Studies Program

**[44] Sponsored Forum ■ Public Education and Your Career in Archaeology (SAA Public Education Committee)**

**Room:** Ballroom F

**Organizer and Chair:** Susan Bender

**Participants:**

- 3:00 Hester Davis—Public Education and the Teaching of Archaeology
- 3:20 Keith Kintigh—Integrating Public Education with Research
- 3:40 Alison Brooks—Public Education and Personnel Decisions: View from the Department Chair
- 4:00 William Fitzhugh—Public Education in the Museum Curator's Career
- 4:20 Jane Day—Public Education and Personnel Decisions: View from the Museum Administrator
- 4:40 Gene Allen—Setting Institutional Priorities that Foster Public Education

**THURSDAY EVENING, MAY 4, 1995**

**[45] General Session ■ Upper Midwest and Eastern Plains Archaeology**

**Room:** Ballroom E

**Chair:** F. A. Finney

**Participants:**

- 6:30 Kathy Ehrhardt and Lawrence A. Conrad—New Light on the Protohistoric Illini: Evidence from the Illiniwek Village Site, Clark County, Missouri
- 6:50 David Kluth, Rose Kluth and Robert Thompson—The Ögema-Geshik Site: Evidence for Early Wild Rice in the Mississippian Headwaters
- 7:10 Elizabeth Leach—Other Ecologies: Geoarcheology and 19th-Century Dakota Geologic Systems
- 7:30 Jodie O'Gorman—Hierarchies in Oneota Social Organization: A Gendered View of Domestic Economics
- 7:50 Mark S. Cassell and Wendy K. Holtz—Agriculture and Material Culture in Wisconsin's Central Sands, Ca. 1870-1940
- 8:10 Brad Logan—Late Prehistoric Oneota Migration to the Central Plains
- 8:30 Margaret E. Beck and Sean Brennan—The Issue of Mississippian Trade Ware in the Central Plains Tradition Shell Tempered Ceramics in Smoky Hill Sites in Kansas
- 8:50 Stephen C. Lensink, Fred A. Finney, and Richard L. Fishel—Rethinking Mill

Creek Settlement and Agriculture Systems: New Data from the Phipps, Double Ditch, and Litka Sites

**[46] General Session ■ Northeast Archaeology**

**Room:** Rochester

**Chair:** Lynne Sullivan

**Participants:**

- 6:30 Lisa M. Anderson—Ritual History of an Early Woodland Mortuary Site in New York
- 6:50 T. Cregg Madrigal—A Taphonomic Perspective on the Interpretation of Mortality Profiles in Zooarchaeology
- 7:10 Frank L. Cowan—Technological Strategies and Mobility: A Small Sites Test
- 7:30 Kathleen M. S. Allen—Seneca Iroquois Ceramic Variability
- 7:50 Alan Watchman and Daniel Arsenault—Dating and Analyzing a Pictograph Site in the Far-Eastern Canadian Shield: The Nisula Site (DdEH-1)

**[47] Symposium ■ Fleshing Out Formal Analyses: New Approaches to Archaeological Problems**

**Room:** Ballroom F

**Organizers:** Martin Biskowski and Dwight W. Read

**Chair:** Dwight W. Read

**Participants:**

- 6:30 Luke Dalla Bona—Extreme Closeup!!! GIS and Intrasite Analyses
- 6:50 Matthew D. Syrett—The Use of Geographic Information Systems to Explore Models of Social Change During the Pleistocene/Holocene Transition in Europe
- 7:10 Ian G. Robertson—Thematic Mapping of Empirical Bayesian Parameter Estimates at Teotihuacan, Mexico
- 7:30 Martin Biskowski—Artifact Classification Problems and GIS's
- 7:50 Ian Johnson and Margrit Koettig—Hunting for Pattern in Lithic Waste: A Comparison Between Multivariate Methods and In-Depth Analysis Through Refitting
- 8:10 Nicholas Gessler—A.L.I.C.E. in the Kalahari
- 8:30 John Lopez-Cabal—Material-Referent Adaptation: An Experimental Approach Using Genetic Algorithms
- 8:50 Robert Bates Graber and Michael T. Dunne—Formalizing Population-Pressure Theory with Differential Equations
- 9:10 Mark Aldenderfer—Discussant

**[48] Invited Forum ■ Finding Creative Solutions for Restructuring American Archaeology (SAA Executive Board)**

**Room:** Ballroom A and B

**Organizers and Chairs:** Roger Anyon and Catherine Cameron

**Time:** 7-9:30 pm

**Participants:** William Lipe David G. Anderson, Don Fowler, Leigh Jenkins, Michael J. Moratto, Margaret Nelson, Brona G. Simon

**[49] Symposium ■ Northern Chilean Prehistory and the Atacama Desert, A Symposium Honoring Percy Dauelsberg H.**

**Room:** Directors Row 4

**Organizer and Chair:** Mario A. Rivera

**Participants:**

- 6:30 Mario A. Rivera—The Azapa Sequence Within the South Central Andes: A Revision of Dauelsberg's Contributions
- 6:50 Paul Goldstein—Settlement Patterns of the Arica Valley, Chile: New Data and the Legacy of Arica's Veija Escuela
- 7:10 Daniel E. Shea and Mario A. Rivera—Restricted Percolation and Reticulate Irrigation, A Pseudo-Oasis Niche
- 7:30 Odin M. Langsjoen and Arthur Aufderheide—The Role of Cultural and Genetic Determinants in the Production Contrasting Dental Pathology Patterns Found in



- Pre- and Post-Ceramic Northern Chile Coastal Populations  
 7:50 Thomas F. Lynch—Inka Roads in the Atacama: Effects of Later Use by Mounted Travellers  
 8:10 Paul J. Blonsky and David L. Browman—Pragmatic Politics: Altiplanic Chilean Connections  
 8:30 Ramiro Matos M.—Discussant

**[50] Symposium ■ Feasting in Mesoamerica: Social Practice and Archaeological Signature**

**Room:** Duluth

**Organizers:** Patricia A. McAnany and Stephen D. Houston

**Chair:** Stephen D. Houston

**Participants:**

- 6:30 John Monaghan—Feasting in Mesoamerica as a Total Social Phenomenon  
 6:50 Leslie C. Shaw—The Importance of Dog in Ritual Feasting in the Maya Preclassic  
 7:10 Mary Lee Angelini and Patricia A. McAnany—Tamales and Atole: Accruing Status in the Maya Formative  
 7:30 Stephen D. Houston—Feasting, Alliance, and Giftgiving Among the Classic Maya  
 7:50 Marilyn Masson—Community Feasting Rituals and Postclassic Maya Village Political Structures: Evidence from Archaeofaunal Remains  
 8:10 John Gerard Fox—Feasts, Ballgames, and Ritual Process in the Americas  
 8:30 Laura Junker—Discussant  
 8:50 Michael Dietler—Discussant

**[51] Symposium ■ Archaeology, Geomorphology, and Paleoenvironment: Paleoindian Occupations in the Western Great Lakes**

**Room:** LaSalle

**Organizers and Chairs:** Susan C. Mulholland and Gordon R. Peters

**Participants:**

- 6:30 William A. Ross—The Interlakes Composite: Projectile Point Styles and Raw Material Through Space and Time  
 6:50 Andrew Hinshelwood—Archaic Reoccupation of Late Paleoindian Sites in Northwestern Ontario  
 7:10 Christopher L. Hill—Quaternary Stratigraphy and Geomorphic Context for Paleoindian Occurrences in Northeastern Minnesota  
 7:30 Gordon R. Peters, Susan Mulholland, Steven Mulholland, and Grayson Larimer—Paleoindian Research in Northeastern Minnesota: The Land Between Complexes  
 7:50 Marla M. Buckmaster—Current Evidence for Late Pleistocene and Early Holocene Occupation in the Central Upper Peninsula of Michigan  
 8:10 Ronald J. Mason—Discussant

**[52] General Session ■ Maya**

**Room:** Ballroom G

**Chair:** Vernon L. Scarborough

**Participants:**

- 6:30 Helen R. Haines, Nikolai Grube, and Thomas Guderjan—The Faces of Change: A Discussion of the Temple of the Masks, Blue Creek Ruin Belize  
 6:50 Anne S. Dowd, Anthony Aveni, and Ramón Carrasco—Solar Observatory or Allegory? An Example of a Group E Complex from Calakmul  
 7:10 David Rue and Nicholas Dunning—Preliminary Palynological Results from a Core from Laguneta Tamarindito, Peten, Guatemala  
 7:30 Arthur Demarest, Claudia Wolley, Kim Morgan, Nikolai Grube, and Hector Escobedo—A Royal Palace at the Moment of the Classic Maya Collapse: Function, History, and Investigative Methodology  
 7:50 David Maxwell—Tikal and Uaxactun: A Comparison of Caches  
 8:10 Richard R. Paine—A Dynamic Model of Late Classic Maya Power

- Relationships at Copán, Honduras  
 8:30 Takeshi Inomata—Population Estimate for the Classic Maya Lowlands: New Data from Aguateca, Guatemala  
 8:50 Norman Hammond and Gair Tourtellot—Racing the Scythe: 1994 Investigations at La Milpa, Belize  
 9:10 Gair Tourtellot and John Rose—More Hills, More Glory: Sampling Settlement at La Milpa, Belize

**[53] General Session ■ South America**

**Room:** Directors Row 3

**Chair:** Sheila Pozorski

**Participants:**

- 6:30 Brian S. Bauer—Inca Land Tenure in the Cusco Region  
 6:50 Daniel Arsenault—On His Majesty's Sacred Service: The Male Ritual Stewardship in Moche Society  
 7:10 Ruben Garcia Soto—Paracas Settlement Pattern Archaeology and Cultural Process in South Coastal Peru  
 7:30 Thomas Pozorski and Sheila Pozorski—The Emergence of Secular Power in the Casma Valley, Peru  
 7:50 Dennis Ogburn—Cemetery Survey Data and Cultural Continuity and Change in Nasca, Peru  
 8:10 Evan C. Engwall—The Tabuchila Phase: Late Formative Chorrera Culture in the Jama River Region, Manabí, Ecuador  
 8:30 Helaine Silverman—Paracas Occupation of the Lower Pisco Valley, South Coastal Peru  
 8:50 Mary Glowacki—Ceremony, Ritual, and the Control of Water: Wari Administration in the Southern Highlands Valley of Cuzco  
 9:10 Darrell S. Gundrum—Tajahuana: Paracas Walls Are Coming Down  
 9:30 Dale W. Quattrin—Verticality and Social Complexity: What Does the Archaeological Record Say?

**[54] General Session ■ Archaeology and the Public**

**Room:** Hennepin

**Chair:** Robert Brooks

**Participants:**

- 6:30 Robert L. Brooks—Public Perception and Archaeology: A Study of Attitudes Among Farmers and Ranchers in Western Oklahoma.  
 6:50 Nina Swidler and Janet Cohen—Whose Sites Are They Anyway: Interested Party Consultation on the Navajo Nation  
 7:10 Dorothy T. Lippert—Wheels Within Wheels: The Many and Changing Roles of Native Americans in Archaeology  
 7:30 S. Neal Crozier—Cooperation and Partnership...Indians and the BIA Working Together  
 7:50 Kerstine Johnson—Archaeology in the 21st Century: The Critical Role of Public Relations  
 8:10 Chris Lindner—U.C. Dig: An Educational Video on Basic Excavation Techniques.  
 8:30 Jon S. Czaplicki—Of Partnerships, CRM, and the Hohokam: The Gila River Indian Community and The Bureau of Reclamation's Central Arizona Project  
 8:50 Caryn M. Berg—Selling Archaeology: Post-Processual Interpretations in Public Archaeology

**[55] Symposium ■ Household Archaeology of Chiefdoms: An Example from Northwest Denmark**

**Room:** Marquette

**Organizers:** Deborah E. Erdman and Timothy Earle

**Participants:**

- 6:30 Kristian Kristiansen—Long-Term, Human Induced Environmental Change in Thy, Denmark



- 6:50 Jens Henrik Bech—Excavating Bjerre: Bronze Age Settlement from the Chieftdom of Thy  
 7:10 Kristina Kelertas—Prehistoric Crops and Cattle in Thy: Transforming the Staple Base for a Political Economy  
 7:30 Peter E. Aperlo—Crude But Effective: Stone Tools and Household Production in Early Bronze Age Thy, Denmark  
 7:50 Michael Gabriel—Pyrotechnology Analysis: A Study of Fire and Complexity  
 8:10 Louisa Bech and Deborah Erdman—Ceramic Communication and Technology: The Shifting Ceramic Industry of Thy  
 8:30 John M. Steinberg—The Plowzone: Disturbed Household Archaeology of Chieftdoms in Northwest Denmark  
 8:50 Timothy Earle—Discussant  
 9:10 Tim Champion—Discussant

**[56] Symposium ■ Craft Specialization in the Protohistoric American Southwest**

**Room:** Carver

**Organizer and Chair:** Katherine A. Spielmann

**Participants:**

- 6:30 Cynthia Herhahn—The Complexity of Early Rio Grande Glaze Paints: Implications for Technology Transfer  
 6:50 Deborah L. Jones—Production and Exchange of Glaze-Decorated Ceramics at Quarai Pueblo, New Mexico  
 7:10 Patricia Capone—New and Used Directions in Glaze Ware Production-Exchange Studies: A Current Petrographic Example from the Protohistoric Southcentral Rio Grande  
 7:30 Katherine Spielmann—Domestic or Ritual? The Contexts of Use of Rio Grande Glaze A Ceramics  
 7:50 William Graves—Ceremonial Feasting and Long Distance Exchange: Implications for Protohistoric Social Organization among the Rio Grande Pueblos, New Mexico  
 8:10 Judith A. Habicht-Mauche—Discussant  
 8:30 Eric Blinman—Discussant

**[57] Symposium ■ Lithic Raw Material Analyses: Examples from the Old and New Worlds**

**Room:** Ballroom C

**Organizers and Chairs:** Brooke Blades and Kurt Carr

**Participants:**

- 6:30 Jehanne Féblot-Augustins—Raw Material Transport and Group Mobility in Western and Central Europe: Diachronic Change and Synchronic Variability in the Middle and Upper Paleolithic  
 6:50 Sibel Barut—Raw Material Use in the Later Stone Age at Lukenya Hill, Kenya  
 7:10 Jeffrey E. Shokler—Mobility and Movement in the Portuguese Upper Paleolithic: A Regional Lithic Sourcing Approach  
 7:30 Angela Close—Lithic Economy in the Absence of Stone  
 7:50 Brooke Blades, Michael Glascock, and Jean-Pierre Chadelle—Neutron Activation Analysis of Late Cretaceous Cherts from Secondary Deposits near Bergerac (Dordogne, France)  
 8:10 Kurt Carr—Paleoindian Settlement Patterns and Lithic Sourcing in the Northeast  
 8:30 Philip C. La Porta—The Spatial Distribution of Prehistoric Lithic Resources: Geological Models and the Elucidation of a Prehistoric Mining District  
 8:50 Christopher A. Bergman, John F. Doershuk, and Ken Duerksen—Analysis of Lithic Technology: Old and New World Perspectives  
 9:10 Jim Adovasio—Discussant  
 9:30 Roy Larick—Discussant

**FRIDAY MORNING, MAY 5, 1995**

**[58] Symposium ■ Ceramic Production in the Ancient Near East: Investigations of Production Context, Scale, Organization, and Their Implications**

**Room:** Ballroom E

**Organizer and Chair:** Louise M. Senior

**Participants:**

- 8:00 Eric E. Klucas and Louise M. Senior—Telling Problems in Interpretation of Ceramic Production: Caveats to Interpretation of Craft Specialization from Northern Mesopotamia  
 8:20 Elizabeth Carter—Changing Patterns of Chalcolithic Ceramic Production in the Kahramanmarash Valley, Turkey  
 8:40 J. P. Dessel—The Relationship Between Ceramic Production and Socio-Political Reconfiguration in Fourth Millennium Palestine  
 9:00 Nicholas Kouchoukos—Analyzing the Spatial Organization of Pottery Production in Late Prehistoric Khuzistan, Iran  
 9:20 Geoff Emberling—Producing Ethnicity in Third Millennium Mesopotamia  
 9:40 Robert C. Henrickson and Pamela B. Vandiver—The Significance of the Potter's Wheel in Ancient Southwest Asia  
 10:00 Louise M. Senior—When a Word Is Worth a Thousand Pictures: Textual Evidence for Ancient Mesopotamian Ceramic Production Contexts  
 10:20 Abraham Van As—Pottery Production in the Ancient Near East: Recent Research of the Institute of Pottery Technology, Leiden University  
 10:40 Bonnie Magness-Gardiner and Steven Falconer—Demand and Production in a Second Millennium B.C. Levantine Village  
 11:00 Judith A. Franke—Pottery Craft Specialization at Old Babylonian Nippur, Iraq: Evidence for Standardization of Type, Ware, and Capacity  
 11:20 Cathy L. Costin—Discussant  
 11:40 Gil Stein—Discussant

**[59] Symposium ■ Discontinuity in American Bottom Prehistory**

**Room:** Ballroom B

**Organizer and Chair:** Thomas E. Emerson

**Participants:**

- 8:00 Ed Hajic and Sheena K. Beaverson—Fluvial Discontinuities in the American Bottom as Context for Evaluating Cultural Discontinuities  
 8:20 Mary Simon and Kathryn Parker—Detours and Divergences on the Pathway of Prehistoric Plant Exploitation  
 8:40 Dale McElrath—Defining Archaic Cultures in the American Bottom  
 9:00 J. Bryant Evans—An Analysis of and Explanation for Cultural Discontinuity in the American Bottom During the Late Archaic-Early Woodland Transition  
 9:20 Andrew Fortier—Renaissance and Disequilibrium: Middle Woodland Discontinuities in the American Bottom  
 9:40 Douglas K. Jackson—Variation Within the Late Woodland Period in the American Bottom  
 10:00 John E. Kelly—The Bumpy Road to Mississippian: Late Woodland to Emergent Mississippian Dissonance in the American Bottom  
 10:20 Timothy R. Pauketat—Cahokian Political History as Punctuated Disequilibrium  
 10:40 Thomas E. Emerson and Douglas K. Jackson—Rural Transformation and the Mississippian Political Trajectory Outside Cahokia  
 11:00 Richard W. Jefferies—Discussant

**[60] Symposium ■ Situational Adaptation in the Late Pleistocene of Western Europe**

**Room:** Hennepin

**Organizers and Chairs:** Heather A. Price and Gail Larsen Peterkin

**Participants:**

- 8:00 Lawrence G. Straus—Coming Out from the Cold: Western Europe in Dryas I



- 8:20 Ariane Burke—Seasonal Resource Use in Southwestern France: Defining Mobility on Regional and Local Levels
- 8:40 Todd A. Koetje—Intra-Regional Integrity During the Magdalenian of SW France
- 9:20 James G. Enloe—Readaptation: Changes in Magdalenian Subsistence and Social Organization
- 9:00 Gail Larsen Peterkin—Specialized Final Magdalenian Hunting Technology in Southwestern France
- 9:40 Heather Price and Dominique Sacchini—Variability and Site-Specific Contexts of Magdalenian Visual Imagery from the Languedoc-Roussillon of Southern France
- 10:00 Margaret W. Conkey—Between the Caves: Open Air Survey and Magdalenian Social Geography in the French Midi-Pyrenees
- 10:20 Marcy Krupa—Local Adaptations to Coastal Ecological Niches During the Magdalenian in Northern Spain
- 10:40 Federico Berlando de Quirós and Anne Pike-Tay—Upper Magdalenian to Azilian Economic Transformations at La Cueva de la Pila, Cantabria, Spain
- 11:00 G. A. Clark—Intraregional Variability in the Epipaleolithic of Atlantic Iberia
- 11:20 Blythe Roveland—In the Eye of the Beholder: Changing Views of Hamburgian Variability on the Northern German Plain
- 11:40 John Parkington—Discussant

**[61] Symposium ■ Understanding Obsidian Hydration Dating: Recent Methodological and Experimental Advances**

**Room:** LaSalle

**Organizers:** Todd L. VanPool and Christine VanPool

**Chair:** Todd L. VanPool

**Participants:**

- 8:00 Richard E. Reanier—Obsidian Hydration Dating: The Alaskan Experience
- 8:20 Frederick J. Bove and Hector Neff—Obsidian Hydration Dating in Pacific Coastal Southern Mesoamerica
- 8:40 AnnCorinne Freter—Reconstructing Complex Site Stratigraphy: The Harris Matrix and Obsidian Hydration Dating
- 9:00 Rosanna Ridings—Modeling Subsurface Temperature and its Effect on Obsidian Hydration at Pot Creek Pueblo
- 9:20 David Rhode—Thermal Variation and Obsidian Hydration Rates
- 9:40 Chris Stevenson, Peter J. Sheppard, Douglas G. Sutton, and W. Ambrose—Advances in the Hydration Dating of New Zealand Obsidian
- 10:00 Phil Shelley—Discussant

**[62] Symposium ■ Social Boundaries, Technical Choices, and Material Culture Patterning**

**Room:** Ballroom C

**Organizer and Chair:** Miriam T. Stark

**Participants:**

- 8:00 Scott MacEachern—Scale and Stylistic Variability: The Case of the Northern Mandara Mountains
- 8:20 Olivier P. Gosselain—Social and Technical Identity Among South Cameroonian Potters
- 8:40 Robert K. Hitchcock and Laurence Bartam, Jr.—Social Boundaries, Technical Systems, and the Use of Space in the Kalahari
- 9:00 Elizabeth S. Chilton—The Cultural Origins of Technological Choice: Unravelling Algonquian and Iroquoian Ceramic Traditions in the Northeast
- 9:20 Robert G. Goodby—Technological Patterning and Social Boundaries: Ceramic Variability in Southern New England, A.D. 1000–1675
- 9:40 Catherine M. Cameron—Architecture, Technical Choice, and Population Movement in the Northern Southwest
- 10:00 Miriam Stark, Jeffrey Clark and Mark D. Elson—Social Boundaries and Technical Choices in Tonto Basin Prehistory

- 10:20 Jan McHargue—Technological Variation in Maya Relief Sculpture
- 10:40 Michael Brian Schiffer—Social Groups and Social Boundaries: A Behavioral Perspective
- 11:00 Michelle Hegmon—Discussant
- 11:20 James Sackett—Discussant

**[63] Symposium ■ Alternative Archaeology: Beyond the Anglo-American Paradigm**

**Room:** Ballroom F

**Organizers:** Ludomir Lozny and O. Hugo Benavides

**Chair:** O. Hugo Benavides

**Participants:**

- 8:00 Irida Vargas-Arenas—La Arqueología Social: Una Arqueología Alternativa al Paradigma Anglo-Americano
- 8:20 Mario Sanoja—Historical Region and Regional Archaeological Programs
- 8:40 Myriam Tarrago—El Desarrollo de la Arqueología en los Andes Meridionales
- 9:00 Thomas Patterson—Conceptual Differences Between Mexican and Peruvian Archaeology
- 9:20 Gustavo Politis—Current Archaeology in Argentina: Is There Any Alternative Paradigm?
- 9:40 O. Hugo Benavides—The Emergence, Configuration, and Impact of Social Archaeology in Ecuador
- 10:00 Andrzej Boguszewski—Is There a Space for Theory Between Leroi-Gourhan and Bordes?
- 10:20 Ludomir R. Lozny—Where Do We Search for Paradigms. Theoretical Concepts in Polish Archaeology During the Last Fifty Years
- 10:40 Andrzej Weber—Ideological and Political Biases in Soviet Siberian Archaeology: A Case Study of A. P. Okladnikov and the Neolithic of the Lake Baikal Region
- 11:00 Thomas McGovern—Discussant
- 11:20 Irina Podgorny—Discussant
- 11:40 Jack Rossen—Discussant

**[64] General Session ■ Maya**

**Room:** Duluth

**Chair:** Heather McKillop

**Participants:**

- 8:00 James Conlon and Jaime Awe—Ditched Field Agriculture at Baking Pot, Belize and Its Implications for Analyzing Ancient Maya Community Organization
- 8:20 Shirley Boteler Mock—Monkey Business At NRL: Core-Periphery Exchange and Ideological Spheres in Northern Belize
- 8:40 Patricia Cook and K. Anne Pyburn—Postclassic Occupation at Chau Hiix
- 9:00 Elizabeth A. Newsome—Welcoming the Katun: Stela A at Copan and the Final Tzolkin of the Cycle
- 9:20 Jim Garber and F. Kent Reilly—A Late Preclassic Mask on Structure B1 at Blackman Eddy, Belize
- 9:40 David Driver—Ritual Activity at the Site of Blue Creek, Belize
- 10:00 Joel Palka—Historical Archaeology of the Nineteenth-Century Lacandon Maya of Peten, Guatemala: A Study of Cross-Cultural Interaction and Culture Change
- 10:20 Gabrielle Vail—The Gods in the Madrid Codex: An Epigraphic Approach
- 10:40 Jason Yaeger and Lisa LeCount—Social Heterogeneity and Political Integration in a Terminal Classic Maya Community: Ongoing Research at San Lorenzo, Belize
- 11:00 Heather McKillop—Modeling Classic Maya Settlement and Sea Level Changes in South Coastal Belize
- 11:20 W. Jeff Hurst, Robert A. Martin, Jr., and Stanley M. Tarka, Jr.—Analytical Studies on Samples from Rio Azul Tomb 19



# [65] Symposium ■ Formative Cultures of Western Bolivia: A Reappraisal

**Room:** Directors Row 3

**Organizers and Chairs:** William H. Isbell, David L. Browman, and Juan Albarracin-Jordan

## Participants:

- 8:00 Donald L. Brockington and David M. Pereira Herrera—Recent Investigations into the Formative Period in Cochabamba, Bolivia
- 8:20 Anne M. Hellsley-Marchbanks—The Formative Period in Chayanta, Bolivia: Investigations at the Site of Puente Mayu
- 8:40 Marc Bermann—Formative Period Settlement Hierarchy and Political Economy in La Joya, Oruro
- 9:00 Lee Steadman—Regional Diversity and Integration in the Formative Ceramics from Camata
- 9:20 Charles Stanish—The Late Formative/Tiwanaku Transition in the Western Titicaca Basin
- 9:40 James Edward Mathews—The Formative-Tiwanaku Period Transition in the South-East Titicaca Basin, Bolivia
- 10:00 Juan Albarracin-Jordan—On Segmentary Dynamics: The Evolution of Settlements in the Tiwanaku Valley, 1000 B.C.-A.D. 100
- 10:20 Jo Ellen Burkholder—Ceramics and Cultural Process at Iwawi Bolivia, A Tiwanaku Site
- 10:40 Sonia Alconini and John Janusek—Ceremonial Diversity and the State: The Late Formative to Early IV Periods at Tiwanaku and Lukuvmata
- 11:00 William H. Isbell—Iwawi: Adaptive Evolution or Resistance to Hegemony
- 11:20 David L. Browman—Pa-ajanu Revisited: Formative Titicaca Basin Monolith Cult
- 11:40 Christine Hastorf—Discussant

# [66] Symposium ■ New Perspectives in Puebla Archaeology

**Room:** Carver

**Organizers:** Patricia Plunket and Gabriela Uruñuela

**Chair:** Patricia Plunket

## Participants:

- 8:00 James J. Sheehy, Jennifer E. Kirker, Jay Silverstein, Tim Sullivan, and Lenora Pohlman—Proyecto Acatzingo-Tepeaca: A Settlement Survey in the Eastern Valley of Puebla, Mexico
- 8:20 Kenneth Hirth, Maria Panfil, and Thomas Gardner—Prehispanic Volcanic Events in the Tetimpa Region of Puebla, Mexico and Their Archaeological Implications
- 8:40 Gabriela Uruñuela, Patricia Plunket, and Teresa Salomon—The Petlachica Site: Small-Scale Ritual in Late Preclassic Puebla
- 9:00 Patricia Plunket, Gabriela Uruñuela, and Helga Geovannini—The Settlements of Tetimpa
- 9:20 Harry Iceland—Preliminary Analysis of the Lithic Artifacts from Tetimpa, Puebla
- 9:40 Edward B. Sisson—Teohuacan Viejo
- 10:00 Michael Lind—The Obverse of the Codex of Cholula: Defining the Settlement System in the Kingdom of Cholula

# [67] Symposium ■ Right-of-Way Archaeology: Responsible CRM, or Sell-Out?

**Room:** Ballroom A

**Organizers and Chairs:** Miranda Warburton and Anthony L. Klesert

## Participants:

- 8:00 Alan Stanfill—Right of Way Archaeology: Putting the "Linear" Back into Linear Thinking
- 8:20 Larry Benallie and Anthony L. Klesert—Do We Study Cultural Properties or Corridors?

- 8:40 Roger Anyon and Peter T. Noyes—Are We Doing Right-of-Way Archaeology the Right Way?
- 9:00 Thomas F. Fletcher—Right-of-Way Archaeology and Research Opportunity
- 9:20 Paul F. Reed and Nathaniel Todea—The N33 Road Project: Archaeological Data Recovery Within a 100-Foot Right-of-Way
- 9:40 Miranda Warburton and Phil R. Geib—Excavations Within the Navajo Mountain Road Row: Is the Cup Half-Empty?
- 10:00 David H. Greenwald—Linear Archaeology: What Piece of the Puzzle Are We Really Getting?
- 10:20 Jim Huffman and Lanita Van Nimwegen—Going Outside the Lines: Studying the Effects of Indirect Impacts Along the N16 Road
- 10:40 James M. Copeland and David C. Simons—The Fruitland Coal Gas Data Recovery Project
- 11:00 Joseph Winter—Across the Colorado Plateau: Anthropological Studies for the Transwestern Pipeline Expansion Project
- 11:20 Ruthann Knudson—Discussant
- 11:40 Fred Wendorf—Discussant

# [68] Sponsored Symposium ■ Scientific Approaches in Zooarchaeology (Society for Archaeological Science)

**Room:** Ballroom G

**Organizer and Chair:** David B. Landon

## Participants:

- 8:00 James Burton and Lori E. Wright—Reassessment of Barium and Strontium as Paleodietary Indicators
- 8:20 Foss Leach—Some Implications of High Protein Marine Diets in Prehistoric South Pacific Economies
- 8:40 Scott Elias—The Role of Insects in Zooarchaeology
- 9:00 Ruth Charles—Butchery Evidence from the North-Western European Late Upper Paleolithic
- 9:20 Christopher J. O'Brien—Cautionary Tales of the Crypt: Inferences from Prey Mortality in Ethnographic Context
- 9:40 David B. Landon and Michael Toplyn—Uses of Morphometric Data for Studying Domestic Animal Populations
- 10:00 Joanne L. Bennett and Walter E. Klippel—Thermal Alteration of Subsurface Faunal Remains
- 10:20 Jessica S. Johnson—Conservation of Archaeological Bone
- 10:40 Frank J. Dirrigh—Roundness and Weathering: Prospective Qualitative Measures for the Zooarchaeological Analysis of Plowed, Floodplain Sites

# [69] General Session ■ Oceania

**Room:** Directors Row 4

**Chair:** Heidi Lennstrom

## Participants:

- 8:00 Heidi A. Lennstrom—Patterns in Paleoethnobotany: An Archaeobotanical Transect on O'ahu, Hawaiian Islands
- 8:20 Thegn Ladefoged, Richard P. Jennings, and Michael W. Graves—The Agricultural Intensification of Kohala: A GIS-Based Analysis of a Leeward Hawaiian Fieldsystem
- 8:40 Barbara W. Dolan—From Ruling Chiefs to the State of Hawaii: 500 years of Habitation, Subsistence, and Culture Change in Kāne'ohe, O'ahu
- 9:00 Wendell Barner and Wendy Goodman—Karst Features and Their Association on Aboriginal Cultures of Northern Guam
- 9:20 Barry V. Rolett—Voyaging in Polynesian Prehistory: A View from the Marquesas

# [70] General Session ■ Beringia and Paleoindians

**Room:** Marquette

**Chair:** David J. Meltzer



**Participants:**

- 8:00 Marjorie Brooks and George Frison—Stable Carbon Isotopes in Bison Bone: Lack of Evidence of an Altitheermal Drought
- 8:20 C. Vance Haynes, Michael McFaul, Robert H. Brunswig, Jr., and Kenneth D. Hopkins—Kersey and Kuner Terrace Investigations at the Dent and Bernhardt Sites, Colorado
- 8:40 Jerry D. Williams, Matthew J. Root, Lisa Shifrin, and Stanley A. Ahler—Folsom Tool Manufacture in the Knife River Flint Quarry Area, North Dakota
- 9:00 Michael R. Waters, Steven Forman, and James Pierson—Diring Yuriak: A Lower Paleolithic Site in Central Siberia and its Implications to the Pleistocene Peopling of the Americas
- 9:20 Michael L. Kunz and Maureen L. King—Paleoindian Origins: New Data and New Questions from Arctic Alaska
- 9:40 James A. Donohue—Environmental and Settlement Pattern Implications of Late Pleistocene/Early Holocene Cumulic Paleo-Mollisols in Loess Mantled Landscapes of the Northwestern Plains
- 10:00 Richard VanderHoek—The View from Overlook Sites in Eastern Beringia: Site Locational Factors in Late Pleistocene Alaska
- 10:20 Alvah M. Hicks—Amerindian Diffusion and Circumarctic Population Origins
- 10:40 Charles Tompkins—Classifying Clovis Points: A Study in Metric Variability
- 11:00 Luc Litwinionek—Lithic Variability and Paleoindian Technology: A Comparative Analysis of Plainview Assemblages from the Southern High Plains
- 11:20 Steven R. Holen—Taphonomy of Mammoth Sites in Late Wisconsinan Loess: Natural Processes or Human Modification?

**[71] Symposium ■ The Early Late Woodland and Origins of Agriculture in Northeastern North America****Room:** Rochester**Organizers:** Gary W. Crawford and David G. Smith**Chair:** Gary W. Crawford**Participants:**

- 8:00 Gary W. Crawford—Introduction
- 8:20 David M. Stothers and Timothy J. Abel—The Inception and Consequences of Maize Agriculture: A Perspective from the Western Lake Erie Basin
- 8:40 R. Michael Stewart—Clemson Island and Early Agriculture in the Northeast
- 9:00 Dean Snow—The Creation of Continuity: The Hunter's Home Phase in Iroquoian Archaeology
- 9:20 Susan C. Prezzano and Vincas P. Steponaitis—Cultural Developments in the Upper Susquehanna Drainage, A.D. 900–1300
- 9:40 David R. George and Jeffrey C. M. Bendremer—Late Woodland Subsistence and the Origins of Horticulture in Southern New England
- 10:00 David G. Smith—Cord Marked Pottery and the Early Late Woodland in the Northeast
- 10:20 Vandy E. Bowyer—Paleoethnobotany of Two Princess Point Sites in Southern Ontario: Grand Banks (AfGx-3) and Lone Pine (AfGx-113)
- 10:40 Chen Shen—Stone Tool Production and Utilization of Princess Point Complex from Southwestern Ontario
- 11:00 Joseph R. Desloges and Ian J. Walker—Fluvial Geomorphic Processes and Archaeological Site Integrity at Grand Banks Site, Grand River, Ontario
- 11:20 Gayle Fritz—Discussant

**[72] Poster Session ■ Method and Theory in Archaeology****Room:** Poster Area**Time:** 8 am–noon**Participants:**

- 72A Harry Murphy—National Science Foundation Young Scholars' Contribution to Archeology
- 72B Terri Caruso-Wessel, Sharon Rushing, Kerry Hennon, and Julio Roldan—More

Data for Your Excavation Dollars: The Successful Application of Geophysics in Archaeological Investigations

- 72C James D. Bloemker—The Firebreak Plow and Its Utility as a Subsurface Testing Technique
- 72D Robert C. Dunnell, Laura Newell-Morris, Barbara J. Carter, and Diana M. Greenlee—Episodes of Arrested Bone Growth and Sr/Ca Ratios
- 72E James A. Zeidler and Harry Miller—ProbeCorder: Pen-Based Computing for Field Recovery of Subsurface Testing Data
- 72F John A. K. Willis—Archaeological Surface Collections: A Methodology to Counter Distortions in the Graphic Illustration of Material Densities which Result from Inter-Collector Biases
- 72G Andrew Pelcin—Controlled Experiments in the Production of Flake Attributes
- 72H Tim Hunt, Mark Madsen, and Carl Lipo—Examining Cultural Transmission Using Frequency Seriation
- 72I Karen A. Brush—Dangerous Visions? Computer Graphics in Archaeology
- 72J Larry R. Kimball, John F. Kimball and Patricia E. Allen—Atomic Force Microscopy of Microwear Polishes
- 72K Ian Johnson—Quantitative Methods and Computers in Archaeology: A Set of Teaching Modules

**[73] Poster Session ■ Latin America Archaeology****Room:** Poster Area**Time:** 8 am–noon**Participants:**

- 73A Susan M. Norris—New Methods in Obsidian Hydration Dating: Results from Yautepec, Morelos, Mexico
- 73B John J. Rose—King Kong Meets the Stratified Random Sample: Sampling Settlement in a Jungle Environment
- 73C Donna J. Nash—Wari Domestic Architecture and Site Planning: A View From the Moquegua Drainage
- 73D Anabel Ford, D. Clark Wernecke and Miguel Orrego C.—Creating the El Pilar Archaeological Reserve for Maya Flora and Fauna: A Collaborative Interdisciplinary, Multifaceted, and International Program
- 73E Rani T. Alexander—Site Structure at Isla Cilvituk, Campeche, Mexico: Implications for Inferences of Household Organization from the Archaeological Record
- 73F Laura R. Stiver—Ceremonial and Economic Border Activities in Postclassic Mixtec Society
- 73G David M. Reed—Maya Diets at Late Classic Copán

**[74] Sponsored Forum ■ Careers in Archaeology: Planning for Future Opportunities (SAA and the Society for Historical Archaeology)****Room:** Directors Row 2**Organizers and Chairs:** William H. Doelle and Teresita Majewski**Time:** 10 am–noon**Participants:** Michael J. O'Brien, Francis A. Calabrese, William B. Lees, Janet L. Friedman, Theresa Kintz, Donna J. Seifert**[75] Workshop ■ I Just Got A Call (Public Education Committee)****Room:** Directors Row 1**Organizers and Chairs:** Dorothy Schlothauer Krass and Jeanne M. Moe**Time:** 10–11:30 am**Participants:** Dorothy Schlothauer Krass, Jeanne M. Moe



## FRIDAY AFTERNOON, MAY 5, 1995

**[76] Symposium ■ Slouching Towards Rome: Social Change in Central Mediterranean Prehistory****Room:** LaSalle**Organizers and Chairs:** Robert H. Tykot, Jon Morter and John E. Robb**Participants:**

- 1:00 Randolph E. Donahue, Daniela B. Burrioni, and Chris O. Hunt—The Transition to Agriculture in Peninsular Italy
- 1:20 Barbara Voytek—Socioeconomic Transition in the Mediterranean: The Case for Regional Diversity
- 1:40 Robert H. Tykot—Changing Patterns of Settlement, Subsistence, and Social Interaction in Neolithic Sardinia
- 2:00 Paula Kay Lazrus—Sardinia and Contemporary Italy During the Neolithic-Bronze Ages
- 2:20 John Robb—Tracing Social Change with Skeletal Markers in Prehistoric Peninsular Italy
- 2:40 Robin Skeates—Copper Age Societies in the Marche Region, Central Italy
- 3:00 Lawrence Barfield and Christopher Chippindale—Meaning in the Later Prehistoric Rock-Engravings of Mont Bego, Maritime Alps
- 3:20 Timothy Kaiser and Stašo Forenbaher—Palagruža and the Early Bronze Age of the Adriatic
- 3:40 Alberto Cazzella and Maurizio Moscoloni—The Walled Bronze Age Settlement of Coppa Nevigata, Manfredonia, and the Development of Craft Specialization in South-Eastern Italy
- 4:00 Marshall Becker—Etruscan Gold Dental Appliances: Changing Female Roles in Etrurian Cities Absorbed by the Roman State
- 4:20 Marina Markantonatos—Basilicata, South Italy: Elite Iron Age Women and the Power Game
- 4:40 Peter Bogucki—Discussant

**[77] General Session ■ Archaeology in Eastern Asia****Room:** Directors Row 3**Chair:** Yun-Kuen Lee**Participants:**

- 1:00 Fredrik T. Hiebert—The Silk Route Before Silk: The Development of Social Complexity in Western Central Asia
- 1:20 Sandra L. Olsen, Victor Zaibert, and David Anthony—Botai, a Prehistoric Settlement of Horse Hunters in Kazakhstan
- 1:40 Brian E. Hemphill—A Craniometric Assessment of the Oxus Civilization as a Bronze Age Link Across the Indo-Iranian Borderlands
- 2:00 Yun-Kuen Lee and Qiang Gao—Kinship Reconstruction in Chinese Prehistory
- 2:20 William R. Belcher—Ethnoarchaeological Approaches to Fish Butchery: A South Asian Perspective
- 2:40 Guo Li—Neolithic Sand Bar Sites Around the Pearl River Estuary Area: A Recent Perspective
- 3:00 Geoffrey Cunlar, Richard S. MacNeish, and David Hill—In Search of the "Great Leap Forward"
- 3:20 William M. Hurley and Bing Wang—Data Banks and the Japanese Ceramic Shiki Concept

**[78] General Session ■ Southwest: Households and Village Production****Room:** Rochester**Chair:** Martha Graham**Participants:**

- 1:00 Steven R. James—Prehistoric Pueblo Households and Social Organization: New Perspectives for Model Building
- 1:20 Wendy Bustard—Genotypes of Space: A Spatial Analysis of Domestic Structures in Chaco Canyon

- 1:40 Suzanne Lewenstein—The Abandoned Raramuri Residence: An Archeological Perspective
- 2:00 Michael D. Pool—The Mogollon Early Pithouse Period Settlement System
- 2:20 Matthew Schmader—Structure Function and Interior Spatial Organization of Early Puebloan Pithouses in the Middle Rio Grande Valley
- 2:40 Karen G. Harry—Village-Level Craft Specialization: Investigation of a Prehistoric Ceramic Production Center in Southern Arizona
- 3:00 James M. Potter and Mark Varien—Unpacking the Discard Equation Through Computer Simulation

**[79] Symposium ■ Appropriating the Past: The Sociopolitics of Archaeology****Room:** Ballroom F**Organizers:** Elizabeth Prine, Robin Sewell, and Maria Franklin**Chairs:** Elizabeth Prine and Robin Sewell**Participants:**

- 1:00 Emily Dean—Appropriating the Purveyors of the Past: Archaeologists as Literary Metaphor
- 1:20 Robin L. Sewell—Afrocentrism and the Presentation of Egypt's Past
- 1:40 Maria Franklin—Power to the People: African American Archaeology and Another Case of Us Against Them
- 2:00 Robert A. Schmidt—AC/DC in BC? Sexual Orientation in Prehistory
- 2:20 Eleanor Conlin Casella—To Watch or Restrain: Appropriations of 19th Century Female Prisons
- 2:40 Julie M. Endicott—Polynesian Women: A Closer Look at Some Stereotypes
- 3:00 Cynthia Van Gilder—Archaeology and Cultural Identity in Hawaii
- 3:20 Julie Near and Jason Bass—The New Imperialists: Graduate Students as Specialists in Eastern European Archaeology
- 3:40 Elizabeth Prine—Mining the Past? Current Research Trends in Archaeology
- 4:00 Ericka Engelstad—Discussant

**[80] Sponsored Forum ■ Save the Past for the Future: An Open Forum on the Results of the 1994 Conference (Society for American Archaeology)****Room:** Ballroom A**Organizer:** Beverly Mitchum**Chair:** William Lipe**Participants:**

- 1:00 William Lipe—Introduction
- 1:20 Kathleen M. Schamel—From Taos to Breckenridge: Planning a Successful Conference
- 1:40 George S. Smith—The Education Workshop
- 2:00 Beverly A. Mitchum—Networks for Archaeological Education
- 2:20 K. C. Smith—Vital Resources: Making Archaeology Accessible to the Public
- 2:40 Shelley J. Smith—Precollegiate Programs for Archaeology Education
- 3:00 Susan J. Bender—Involving Professionals in Public Education
- 3:20 Marilyn W. Nickels—Integrated Resource Management
- 3:40 Pat Barker—Archaeology in the Integrated Resource Management System
- 4:00 Kate Winthrop—Practical Guidance: Integrating Archaeology into Ecosystem Management
- 4:20 Dale Davidson—Traditional Cultural Knowledge in Ecosystem Management
- 4:40 Herrick E. Hanks—Integrating Cultural Landscapes with Geographic Scales Used in Ecosystem Management: An Archaeological Perspective
- 5:00 Robert Marriott and Martin E. McAllister—The Law Enforcement Workshop: Prosecution, Training, Interagency Cooperation, Information Sharing, and Investigative Technologies
- 5:20 Anne F. Rogers—The Role of Information Sharing in Archaeological Resource Protection
- 5:40 Bruce Smith—Discussant
- 6:00 Francis P. McManamon—Discussant



**[81] Symposium ■ Kin, Community, Polity, and Parish: Evaluating Regional Strategies for the Reconstruction of European Social Systems**

**Room:** Marquette

**Organizer and Chair:** D. Blair Gibson

**Participants:**

- 1:00 Jens Lüning—Economic and Social Structure of the Bandkeramic Culture in the Lower Rhineland/Germany
- 1:20 Timothy Earle—Household Archaeology in a Regional Context: The Thy Archaeology Project, Denmark
- 1:40 Carole L. Crumley—Heterarchical Management Strategies and Long-Term Research in Burgundy
- 2:00 D. Blair Gibson—Please, Oh Please Don't Throw Me Into That Bramble Patch...Reconstruction Chiefdoms in the Burren of Co. Clare, Ireland
- 2:20 Sinéad Ní Ghabhláin—Church, Parish, and Polity in Late Medieval Ireland: A Regional Research Strategy
- 2:40 Jean-Paul Demoule and Michael J. Ilett—The Aisne Valley Long-Term Project and the Evolution of Social Systems in Northern France
- 3:00 Ian Armit—Settlement and Society in the Scottish Iron Age

**[82] General Session ■ Current Research in Mexico**

**Room:** Hennepin

**Chair:** Emily McClung de Tapia

**Participants:**

- 1:00 Emily McClung de Tapia and Horacio Tapia-Recillas—GIS Technique Applied to Studies of Settlement Location in the Teotihuacan Region, Mexico
- 1:20 Annabeth Headrick—The Street of the Dead. . .It Really Was: The Potential of the Mummy Bundle at Teotihuacan
- 1:40 Saburo Sugiyama—Symbolism of Human Sacrifices at the Feathered Serpent Pyramid, Teotihuacan
- 2:00 Thomas Barrett—Differential Specialization and Gulf Coast Obsidian Production: The View From the Tuxtla Mountain Region
- 2:20 Jennifer Blitz—Social Inequality and Dietary Variability at Monte Albán, Oaxaca, Mexico
- 2:40 James A. Neely, S. Christopher Caran, Barbara M. Winsborough, Francisca Ramirez Sorensen, and Salvatore Valastro, Jr.—A New Approach in Dating the Prehistoric "Fossilized" Canals in the Tehuacan Valley of Southern Puebla, Mexico
- 3:00 Raymond G. Mueller and Arthur A. Joyce—Middle/Late Holocene Landscape Change and Settlement Dynamics in Oaxaca, Mexico
- 3:20 Jeffrey Blomster—Micro-Settlement Patterning and Demographic Change at Etlatongo, Oaxaca, Mexico
- 3:40 Robert Kruger—Searching for the Body of a Colossal Olmec Head: Rural Olmec Settlement Patterns and Their Implications for Local Economic Organization
- 4:00 Lawrence Kaplan—*Phaseolus* Beans, Accelerator Dates in the Americas

**[83] Sponsored Symposium ■ Lithic Resource Procurement Research in the Upper Midwest (Minnesota Historical Society)**

**Room:** Ballroom G

**Organizers and Chairs:** David Mather and Stacy Allan

**Participants:**

- 1:00 Riaz Malik and Kent Bakken—Bradbury Brook: A Late Paleoindian Lithic Procurement and Reduction Site in East Central Minnesota
- 1:20 LeRoy Gonsior—Investigation of the Cedar Valley Chert Source Area in Minnesota: Patterns of Regional Use
- 1:40 Robert F. Boszhardt—Newly Identified Lithic Resources in Western Wisconsin
- 2:00 Orrin C. Shane—The Grand Meadow Quarry: A Major Lithic Procurement Site in Mower County, Minnesota

- 2:20 James E. Myster—A "Weighted" Methodology for Determining the Lithic Reduction Technologies at Six Galena Chert Acquisition Sites in Fillmore County, Minnesota
- 2:40 Michael Shott—Lithic Reduction Modes at 13HA365, a Middle Woodland Occupation in Central Iowa
- 3:00 Dean T. Sather—Raw Material Utilization in the Northeastern Plains: A View from the Canning Site
- 3:20 Mark L. Anderson—Lithic Procurement and Reduction at Several Sites in the Lower Iowa River Valley, Louisa County, Iowa
- 3:40 Kent Bakken—An Overview of Lithic Raw Material Resources in Minnesota

**[84] Symposium ■ Social Configurations of the Near Eastern Early Neolithic: Community Identity, Heterarchical Organization, and Ritual**

**Room:** Ballroom E

**Organizer and Chair:** Ian Kuijt

**Participants:**

- 1:00 Gary Rollefson—Ritual and Social Structure at Neolithic 'Ain Ghazal
- 1:20 Mary M. Voigt—Çatal Hüyük in Context: Ritual at Early Neolithic sites in Central and Eastern Turkey
- 1:40 Michael Rosenberg and Richard W. Redding—Hallan Çemi, Feasting, and the Beginnings of Animal Domestication in Highland Southwestern Asia
- 2:00 Ian Kuijt—The Emergence of Social Complexity in the Levantine Neolithic: Community Identity, Ritual Practices, and Village Planning as Seen from Jericho
- 2:20 Robert Preucel—Discussant
- 2:40 Ofer Bar-Yosef—Natufian Hamlets to Early Neolithic Villages: The Emergence of Social Hierarchies
- 3:00 Joy McCorriston—Linseed, Linen, Labor, and Land: Neolithic Roots of Social Differentiation
- 3:20 Frank Hole—Is Size Important? Function and Hierarchy in Neolithic Settlements
- 3:40 T. Douglas Price—Discussant

**[85] Symposium ■ Life History Approaches to the Archaeology of Human Behavior**

**Room:** Ballroom C

**Organizers:** M. Nieves Zedeño and Vincent L. LaMotta

**Chair:** Patrick D. Lyons

**Participants:**

- 1:00 William H. Walker and Vincent L. LaMotta—Life Histories as Units of Analysis: Scaling Explanations for Behavioral Variability and Change
- 1:20 Jenny L. Adams—Life History as a Framework for the Analysis of Ground Stone
- 1:40 Trixi D. Bubemyre and Patrick D. Lyons—Answering Vessel-Based Questions with Sherd Assemblages: Life History Studies of Ceramic Variability
- 2:00 James M. Skibo and Mark A. Neupert—Pottery Life History: An Ethnoarchaeological Perspective from the Philippines
- 2:20 R. Jane Sliva—A Life History Approach to the Analysis of Lithic Assemblages from Early Agricultural Communities in the Santa Cruz Drainage, Southern Arizona
- 2:40 James L. Phillips and Lawrence H. Keeley—Chaines Operatoires and Late Pleistocene-Early Holocene Hunter-Gatherer Behavior
- 3:00 M. Nieves Zedeño and Leon Lorentzen—Land Use, Landmarks, and the Formation of Territories: An Example from the Puebloan Southwest
- 3:20 J. Jefferson Reid, Barbara K. Montgomery, and Charles R. Riggs, Jr.—Dynamics of Pueblo Architecture
- 3:40 Barbara J. Mills and T. J. Ferguson—Tempo and Mode in the Life Histories of Domestic Architecture: An Ethnoarchaeological Approach



- 4:00 Igor Kopytoff—Discussant  
 4:20 Michael B. Schiffer—Discussant

**[86] Symposium ■ Multi-Craft Production in a Domestic Context at the Ancient Ejutla Site**

**Room:** Directors Row 2

**Organizer:** Gary M. Feinman

**Chair:** Andrew Balkansky and William D. Middleton

**Participants:**

- 1:00 Linda M. Nicholas—The Production and Exchange of Marine Shell Ornaments in Ancient Ejutla  
 1:20 Linda M. Gaertner—Chert Tool Production at the Ejutla Site, Oaxaca, Mexico  
 1:40 Andrew Balkansky—Pottery Production at the Ejutla Site, Oaxaca, Mexico  
 2:00 William D. Middleton—Microdebitage Evidence for the Organization of Production at the Ejutla Site  
 2:20 Gary M. Feinman—The Ancient Ejutla Site and Multi-Craft Production: Implications for Models of Economic Specialization  
 2:40 Robert D. Drennan—Discussant

**[87] Symposium ■ Pleistocene-Holocene Shorelines and Channel Margins: The Geoarchaeological Context of Human Entry into Eastern North America**

**Room:** Duluth

**Organizers:** Andrea K. L. Freeman and Michael K. Faught

**Participants:**

- 1:00 Andrea K. L. Freeman—We're Not in Kansas Anymore: The Search for a Yellow Brick Road of Human Entry Into and Settlement of Eastern North America  
 1:20 Joseph Schuldenrein, Dennis B. Blanton and William Childress—Pleistocene-Holocene Contexts in Piedmont Virginia: An Example from Site 44PY152  
 1:40 Gerald H. Johnson, Joseph M. McAvoy, M. Scott Marris, and Kevin Jones—Geology of the Cactus Hill Archaeological Site (44SX202) Sussex County, Va.  
 2:00 John B. Broster, Mark R. Norton, and Gary L. Barker—Archaeological Investigations of Stratified Clovis Sites in Tennessee  
 2:20 Boyce Driskell and Paul Goldberg—The Geoarchaeology of Dust Cave  
 2:40 Richard S. Laub—The Pleistocene Archaeological Record of the Hiscock Site (Western New York State) and Its Geological Context  
 3:00 Lawrence J. Jackson and Christopher J. Ellis—Geomorphology, Geochronology, and Great Lakes Paleoindians: Crossing the Space/Time Barriers  
 3:20 Robert N. Oldale—Late Quaternary Changes in Relative Sea Level Adjacent to the Northeast Coast of Massachusetts  
 3:40 Dennis B. Blanton—The Development of Coastal Environments and Paleoindian Settlement in the Mid-Atlantic  
 4:00 Michael K. Faught—Early Floridian Archaeological Sites: Karst Geology, Stratigraphy, and Models for Site Discovery Offshore  
 4:20 Michael R. Waters—Discussant  
 4:40 Melanie J. Stright—Discussant

**[88] Symposium ■ Integrative Approaches to Recovery of Mind, Meaning, and Social Identity in Maya Archaeology**

**Room:** Ballroom B

**Organizer and Chair:** Elizabeth Graham

**Participants:**

- 1:00 David M. Pendergast—Garbage  
 1:20 Norbert Stanchly—Identifying Social Complexity in Maya Archaeofaunas: Some Issues of Method and Theory  
 1:40 Marina Pinto—From this Life to the Next: Human Agency, Cultural Context and the Social Practice of Burial  
 2:00 Eva Fekete—Bones in the Closet: A Look at the Relationship Between Skeletal Remains and Gender in Maya Prehistory

- 2:20 Scott Simmons—Maya Stone Tools from Tipu, Lamanai, and San Pedro: A Contact Period Perspective on Technology and Change  
 2:40 John M. King—Conflictive Communion: Power, Identity, and Inalienable Possessions in an Anthropology of Maya Caching  
 3:00 Norman Hammond—Discussant

**[89] Symposium ■ Climate and Culture in the Mid-Holocene of Andean South America**

**Room:** Directors Row 4

**Organizer and Chair:** Daniel H. Sandweiss

**Participants:**

- 1:00 Harold B. Rollins, Gregory Ayres, and Daniel Sandweiss—Are Inhabitants of Cross-Latitudinal Coasts More Frequently Impacted by Short-Term Climatic and Resource Perturbations? A Model for Decadal- to Millennial-scale Fluctuations of Climate, Sea Level, and Fishery Resources  
 1:20 James B. Richardson—Mangroves of the Peruvian North Coast: Climate and Cultural Adaptations in the Holocene  
 1:40 Daniel H. Sandweiss—Climatic Change or Geographic Variation in the Mid-Holocene of Northern Peru: Archaeological and Paleoclimatic Evidence  
 2:00 Elizabeth J. Reitz—Environmental Change at Ostra Base Camp: The Vertebrate Faunal Evidence  
 2:20 Shelia Pozorski and Tom Pozorski—Paleoenvironment at Almejas, a Mid-Holocene Site in the Casma Valley, Peru  
 2:40 Jack Rossen and Tom D. Dillehay—Spatial and Temporal Transitions in the Zaña Valley, Northern Peru (8000–4000 B.P.)  
 3:00 Karen Wise—From Chinchorro to Quiani: Archaic Period Sedentism and Population Aggregation on the South-Central Andean Coast  
 3:20 Mark Aldenderfer—Human Responses to Climatic Deterioration in the Mid-Holocene of the South-Central Andean Highlands  
 3:40 Thomas F. Lynch—Changing Adaptations to the Gran Desplado of Northern Chile

**[90] General Session ■ Latin America Archaeology**

**Room:** Marquette

**Chair:** Linda Manzanilla

**Participants:**

- 3:30 Linda Manzanilla—Sacred Geography and Ritual Behaviour in Caves at Teotihuacan, Mexico  
 3:40 Barbara Voorhies—Stalking the Coastal Archaic: A Late Archaic Coastal Plain Site on the Soconusco Seaboard  
 3:50 Lisa M. Cascio, Timothy S. Hare, David K. Schafer, and Michael E. Smith—Archaeological Survey of the Yauatepec Valley, Morelos, Mexico  
 4:00 Margaret Bruchez—Excavations, Underwater Reconnaissance, and Paleoenvironmental Surveys, Northern Rim Lake Atitlán, Guatemala: Results of 1994 Field Season  
 4:10 Pamela J. Weiss—Preliminary Results from the Excavation of a Jade Cache at the Site of Blue Creek, Orangewalk District, Belize  
 4:20 John G. Douglass and K. Anne Pyburn—Raised and Channelized Agricultural Fields in Western Lagoon, Northern Belize  
 4:30 Christine W. Carrelli—Masonry Construction Systems at the Acropolis, Copan, Honduras  
 4:40 Sylvia Salgado and Wilson Valerio—Lithic Industries of the Region of Granada, Pacific Nicaragua (A.D. 300–1550)  
 4:50 Tom Zoubek—Results of the First Field Season at the Formative Site of Huaca El Gallo/Huaca La Gallina, Virú Valley, Peru.  
 5:00 Dolores Elkin—Earliest Hunters of the Argentine High Andes  
 5:10 Patrick Ryan Williams—The Rise of High Elevation Irrigation Agriculture in the South-Central Andean Sierra  
 5:20 John H. Walker—A Prehispanic Urn Burial from the Llanos de Moxos, Bolivia



**[91] Workshop ■ Educators' Workshop: Teaching Archaeology (Public Education Committee)**

**Room:** Carver

**Organizers and Chairs:** Pam Wheat and Chris Nelson

**Participants:**

- 4:00 Pam Wheat—Process: Archaeology as Scientific Method—Issues and Ethics
- 4:20 Chris Nelson—Concept: Cultural Change
- 4:40 Michael Budak—Concept: Context—Issues and Ethics
- 5:00 Bonnie Christensen—Concept: Cultural Change—Regional Resources

**[91A] Sponsored Forum ■ NAGPRA and the Disposition of Unaffiliated Human Remains (SAA Task Force on Repatriation)**

**Room:** Ballroom E and F

**Organizer and Chair:** Lynne Goldstein

**Participants:** Lynne Goldstein, Jonathan Haas

**SATURDAY MORNING, MAY 6, 1995**

**[92] Symposium ■ The Dynamics of Material Culture and Social Processes: The Interplay Between Theory and Data in Mimbres Archaeology**

**Room:** Rochester

**Organizers:** Robbie L. Brewington and Harry J. Shafer

**Chair:** Robbie L. Brewington

**Participants:**

- 8:00 Brian S. Shaffer and Julia L. J. Sanchez—Mimbres Zooarchaeology: Reflecting Mimbres Culture and Ecology
- 8:20 Robyn P. Lyle—Functional Analysis of Mimbres Ceramics from the NAN Run, Grant County, New Mexico
- 8:40 John E. Dockall—Mimbres Valley Formative Period Projectile Point Manufacturing Technology and Temporal Style Change
- 9:00 Robbie L. Brewington and Dennis James—Interregional Networks in the Classic Mimbres Period: The Ceramic Evidence
- 9:20 Constance K. Judkins—A Missing Piece: Endemic Disease Among the Mimbres
- 9:40 Michelle Hegmon and Margaret Nelson—Mimbres Regional Reorganization: Ceramic and Architectural Evidence of Changing Social Relations
- 10:00 Mara D. Hill—Discerning Classic Mimbres Household Unit Construction Sequences from Architectural and Mortuary Evidence at the Swarts Ruin
- 10:20 Darrell Creel and Matthew Williams—Neutron Activation Analysis of Black Mountain Phase Ceramics from Old Town and Other Sites in the Mimbres Area
- 10:40 Harry J. Shafer—Classic Mimbres Architectural Variability: Households, Lineage Residences, and Roofed Space
- 11:00 Patricia A. Gilman—Discussant

**[93] Symposium ■ Native American Agricultural Strategies of North America**

**Room:** Ballroom F

**Organizer and Chair:** Linda Cordell

**Participants:**

- 8:00 Jeffrey C. M. Bendremer—Food Production in Southern New England: Changing Strategies in Pre-Contact and Post-Contact Subsistence Systems
- 8:20 C. Margaret Scarry—Native American Farming Practices in the Late Prehistoric Southeast
- 8:40 Gayle J. Fritz—Native Farming Systems from Lake Itasca to Lake Pontchartrain

- 9:00 Kurt Anschuetz—Two Sides of a Coin: Early Pueblo Indian Farming Practices in the Rio Arriba and the Rio Abajo of the Northern Rio Grande Region
- 9:20 Tessie Naranjo—The Agricultural Tradition at Santa Clara Pueblo
- 9:40 Suzanne K. Fish—The Social and Economic Correlates of Hohokam Agave Cultivation
- 10:00 R. Gwinn Vivian—Agricultural Strategies of the Chacoan Anasazi
- 10:20 Angelo J. Joaquin—Flood-Water Farming Practices of the Tohono O'odham
- 10:40 Jerry B. Howard—Agricultural Strategies in Hohokam Irrigation Agriculture
- 11:00 William E. Doolittle—Domesticated Landscapes: Environmental Factors and Human Agency in Aboriginal North American Agriculture
- 11:20 Bruce Smith—Discussant

**[94] Symposium ■ Revisiting Cerros: New Strategies for Research at the Late Formative Maya City**

**Room:** Directors Row 2

**Organizer and Chair:** Debra S. Walker

**Participants:**

- 8:00 Debra S. Walker—New Research at Cerros, Belize
- 8:20 Kathryn Reese-Taylor and Paul Cackler—New Interpretations of the Structure 6 Complex at Cerros, Belize
- 8:40 Beverly A. Mitchum and Kathryn Reese-Taylor—Investigations of a Small Structure in the Monumental Center at Cerros, Belize
- 9:00 Ken Liss and Kathryn Reese-Taylor—The Cerros Survey 1993–1994: Sacred Landscape Revealed
- 9:20 Paul Cackler, Michael D. Glascock, Hector Neff, and Beverly Mitchum—Neutron Activation Analysis of Chert Artifacts from Cerros, Belize
- 9:40 Michelle E. Rich and Elizabeth Muenich—Investigation of Early Classic Ritual Behavior at Cerros through Ceramic Analysis
- 10:00 David A. Freidel—Discussant

**[95] Symposium ■ Late Neolithic Transitions in the Southern Levant**

**Room:** Ballroom B

**Organizer and Chair:** E. B. Banning

**Participants:**

- 8:00 E. B. Banning—Settlement Shifts and Site Visibility: Where are the Late Neolithic Sites?
- 8:20 Stephen G. Monckton, Anita Buehrle and Joy McCorriston—Environmental Trends at the End of the PPNB: Feast or Famine?
- 8:40 John Field—Late Quaternary Climatic Change in Wadi Ziqlab, Jordan
- 9:00 Avi Gopher and Ram Gophna—The Sixth Millennium B.C. in the Southern Levant—A Chronostratigraphy
- 9:20 Julian Siggers—The Changing Role of Lithic Technology in the Levantine Late Neolithic: Destandardization or Reorientation?
- 9:40 Dan Rahimi—Neolithic Ceramics in Wadi Ziqlab, Jordan
- 10:00 Catherine Commenge—Bridging an Archaeological Gap: The Reinvestigation of Munhata
- 10:20 Thomas E. Levy—The Late Neolithic–Early Chalcolithic Transition: New Views from the Northern Negev
- 10:40 Gary O. Rollefson—Discussant
- 11:00 Andrew M. T. Moore—Discussant

**[96] Symposium ■ Paleo-Landscape Change in the Indo-Pacific: Current Research**

**Room:** LaSalle

**Organizers:** Joyce C. White and Lisa Kealhofer

**Chair:** Joyce C. White

**Participants:**

- 8:00 Joyce C. White—Wet Rice Agriculture: Environment Transformer? or Environment Expander?



- 8:20 Lisa Kealhofer—The Holocene Paleoenvironment of Northeastern Thailand: Preliminary Phytolith Evidence from Lake Kumphawapi
- 8:40 Paul Bishop and David Godley—Flooding, Sedimentation and Sukhothai-Era Sisatchanalai, Thailand: Changes in Flood Character or Living with Floods?
- 9:00 Steven A. Weber—Distinguishing Change in the Subsistence and the Material Records: The Interplay of Environment and Culture
- 9:20 Kathleen D. Morrison—Terracing and Erosion in the Dry Zone of Southern India: Landscape Changes and Choices
- 9:40 William Boyd—Environmental Archaeology of the Coasts of Southeast Asia and Papua New Guinea
- 10:00 Simon Haberle—Agriculture in Isolation?: The Development of Agrarian Systems in the Mountainous Tropical Environments of Melanesia
- 10:20 Gifford H. Miller—Persistent Aridity Across the Australian Interior Resulting from Human-Induced Late Pleistocene Vegetation Change
- 10:40 Patrick V. Kirch—Discussant

**[97] Symposium ■ The Early Upper Paleolithic in Eastern Europe and Russia**

**Room:** Hennepin

**Organizers and Chairs:** Steven Mertens and Ted Goebel

**Participants:**

- 8:00 Brian Adams—The Middle to Upper Paleolithic Transition in Northeast Hungary and Changing Patterns of Lithic Raw Material Acquisition
- 8:20 Bruce A. Bradley, Michael Anikovich, and Evgenij Giritia—Early Upper Paleolithic in the Central Russian Plain: Streletskaya Flaked Stone Artifacts and Technology
- 8:40 Ted Goebel—A New Look at the Inner Asian Early Upper Paleolithic
- 9:00 John F. Hoffecker—The Aurignacian Phenomenon and Eastern Europe
- 9:20 Anthony E. Marks and Victor Chabai—The Middle and Upper Paleolithic of the Crimea: Continuity or Disjunction?
- 9:40 Steven Mertens—The Aurignacian and the Early Upper Paleolithic in Romania
- 10:00 Preston Miracle and Tracey Crummett—Just Who Were Those "Aurignacians"? Vindija's Place in the Central European Early Upper Paleolithic
- 10:20 Jan F. Simek—Temporal Change in Krapina Stone Tool Assemblages (Croatia)
- 10:40 Francis B. Harrold—Discussant

**[98] Symposium ■ Native Copper and Indigenous People in the Past: Perspectives from Eastern North America**

**Room:** Ballroom E

**Organizer and Chair:** Mary Ann Levine

**Participants:**

- 8:00 Rip Rapp—The Determination of Sources of North American Artifact Copper Using Trace-Element Patterns
- 8:20 R. G. V. Hancock, R. M. Farquhar, and L. A. Pavlish—Archaeological Copper Analyses at the University of Toronto
- 8:40 Susan R. Martin and Patrick E. Martin—Oldest Utilized Copper Deposit Tells All: Current Understandings of the Significance of Keweenaw Copper for North American Prehistory
- 9:00 Thomas C. Pleger—Archaic/Woodland Mortuary Use of Native Copper as an Indicator of Social Complexity and Subsistence Specialization in the Western Great Lakes
- 9:20 Michael L. Wayman—Native Copper in the Squier and Davis Collections
- 9:40 Mary Ann Levine—Tracing the Exchange of Native Copper among Hunter-Gatherers in Northeastern Prehistory
- 10:00 Kevin Leonard—Copper Artifact Production and Use in the Canadian Maritimes During the Late Woodland Period
- 10:20 Jonathan M. Leader—Southeastern Native Copper: An Overview of Form and Context

- 10:40 James W. Bradley—Discussant

**[99] Symposium ■ The Moquegua Archaeological Survey: New Research on Settlement and Subsistence in the Middle Osmore River Valley, Peru**

**Room:** Directors Row 3

**Organizer and Chair:** Paul Goldstein

**Participants:**

- 8:00 Kayoko Toshihara—Huaracane Pottery in the Moquegua Valley: Toward Defining a Formative Culture in the South Central Andes
- 8:20 Matthew S. Bandy—The Early Ceramic Periods of Moquegua: A Reappraisal
- 8:40 Tim McAndrews—Tiwanaku Core and Periphery Regions: A Settlement Pattern Approach
- 9:00 Amanda B. Cohen—Ritual and Landscape in the Moquegua Valley, Peru
- 9:20 Mónica Barrionuevo A.—Diet or Ritual: The Function of Shellfish in a Tiwanaku Colony, Omo Site, Moquegua Valley, Peru
- 9:40 Karin L. Sandness—Dietary Analysis of Prehistoric Middle Osmore Drainage Populations of Southern Peru Using Stable Isotopes ( $\delta^{13}\text{C}$  and  $\delta^{15}\text{N}$ )
- 10:00 Bruce Owen—War and Engineering, Ostentation and Social Status in the Late Intermediate Osmore Drainage
- 10:20 Charles Stanish—Discussant
- 10:40 Marc Bermann—Discussant
- 11:00 Robert Feldman—Discussant

**[100] Symposium ■ New Perspectives in the Archaeology of the Alutiiq Region, Southwest Alaska**

**Room:** Directors Row 4

**Organizer and Chair:** Patricia L. McClenahan

**Participants:**

- 8:00 Linda Finn Yarborough—Prehistoric Use of Rockshelters in Prince William Sound, Alaska
- 8:20 Roger Harritt—Late Prehistoric Subsistence Seasonality and Variability Across the Northern Alaska Peninsula
- 8:40 Ben Fitzhugh—Life's a Beach: Evolution of Settlement and Land-Use in the SE Kodiak Archipelago
- 9:00 Aron Crowell and Daniel H. Mann—Sea Level Dynamics and Coastal Archaeology in the Central Gulf of Alaska
- 9:20 Albert A. Dekin and Mark S. Cassell—Results of the Exxon Valdez Oil Spill Archaeological Damage Assessment
- 9:40 James I. Ebert—Modeling Coastal Site Occurrence Within a GIS Framework: The Exxon Valdez Oil Spill Archaeological Damage Assessment
- 10:00 Philomena Hausler-Knecht and Donald W. Clark—Specialized Activity Areas and the Manufacture of Ground Slate Tools at Ocean Bay Sites (6500–3500 B.P.) on the Kodiak Archipelago of Alaska
- 10:20 Rick Knecht—The Little Ice Age and Late Prehistoric Culture Change on Kodiak Island, Alaska
- 10:40 Christopher Donta—Assessing Complexity on Kodiak Island, Alaska: A Different Type of Eskimo
- 11:00 Herbert D. G. Maschner, Caroline L. Funk, and James W. Jordan—Paleoecology, Landscape Evolution, and Prehistoric Aleut Settlement Systems on the Lower Alaska Peninsula and Unimak Island
- 11:20 Robert Mack and David R. Yesner—The Aleutian "Transition Culture" and Aleut/Pacific Eskimo Origins: Evidence from Margaret Bay
- 11:40 Don E. Dumond—Discussant
- 11:50 Donald W. Clark—Discussant

**[101] Symposium ■ Advances on the Periphery: The North Atlantic from the Iron Age to the Middle Ages**

**Room:** Marquette



**Organizers:** Barbara G. Scott and Nancy L. Wicker

**Chair:** Nancy L. Wicker

**Participants:**

- 8:00 Christian Keller—Cognitive Prehistoric Landscape: Theory and Methods
- 8:20 Niels Bonde—Dendrochronological Dating of the Viking Age Ship Burials at Oseberg, Gokstad and Tune, Norway
- 8:40 Reidar Bertelsen—Arctic Northwest Europe from Iron Age to Middle Ages, from Prehistoric Communities to Peripheries at the Edge of the World
- 9:00 Sophia P. Perdikaris—Trade and Economy at a Medieval Fishing Village: The Site of Stovvagan, Northern Norway: A Zooarchaeological Perspective
- 9:20 Barbara G. Scott—Integrating the Sources from Norse Orkney: Sites, Sagas, and Speculations
- 9:40 Thomas Amorosi—Archaeological Investigations at the Svalbard Site in Northeast Iceland
- 10:00 Thomas H. McGovern—Dogs, Doors, and Death: Climate Impact at Sandnes, Norse Greenland

**[102] Symposium ■ Archaeology, Architecture, and Artifacts: Critical Approaches to Interpreting the Past**

**Room:** Ballroom C

**Organizers and Chairs:** Susan Hautaniemi and Claire C. Carlson

**Participants:**

- 8:00 Robert Paynter—Practicing Critical Archaeology: Problems and Methods
- 8:20 Arthur S. Keene and Elizabeth S. Chilton—Toward an Archaeology of the Pocumtuck Homeland: Excavations at the Pine Hill Site
- 8:40 Michael Volmar—Pine Hill Micromorphology Project
- 9:00 Rita Reinke—The Creation of Identity: The Hinsdale and Anna Williams House
- 9:20 Claire C. Carlson—Social Memory at Pine Hill: A Critical Perspective on the Pocumtuck after the Contact Period
- 9:40 Susan I. Hautaniemi—Fielding a Critical Archaeology
- 10:00 Mary Robison—Geophysics and LALSAR (Low Altitude Large Scale Reconnaissance) at the Moors Homelot, Deerfield, Mass.: Excavation Results
- 10:20 J. Edward Hood—Some Observations on Interpreting the Archaeology of a New England Village to the Public
- 10:40 James Moore—Discussant

**[103] Symposium ■ Resource Intensification Among North American Hunter-Gatherers**

**Room:** Ballroom G

**Organizers and Chairs:** William C. Prentiss and James C. Chatters

**Participants:**

- 8:00 Diane K. Hanson—Prehistoric Aleut Mobility and Settlement
- 8:20 Jack M. Broughton—The Vertebrate Fauna of the Emeryville Shellmound: Evidence for Resource Depression and Intensification in Late Prehistoric Coastal California?
- 8:40 James C. Chatters—Resource Intensification and Demography on the Plateau of Western North America
- 9:00 William C. Prentiss and James M. Welch—Resource Intensification Without Sedentism: An Evolutionary Perspective on Prehistoric Change on the Northwestern Plains
- 9:20 Douglas B. Bamforth—Variable Responses to Late Paleoindian/Early Archaic Environmental Change on the Great Plains
- 9:40 Bonnie W. Styles—Changing Subsistence Strategies in the Midwestern United States
- 10:00 C. Russell Stafford—Resource Intensification Among Middle Holocene Archaic Hunter-Gatherers in the U.S. Midcontinent
- 10:20 Kenneth E. Sassaman—Social Controls over Resource Expansion and Contraction

10:40 Robert L. Kelly—Discussant

11:00 Michael Jochim—Discussant

**[104] Symposium ■ Earthworks, Forts, and Villages: Unraveling the Sacred from the Secular**

**Room:** Ballroom A

**Organizers:** Sarah W. Neusius and Lynne P. Sullivan

**Chair:** Sarah W. Neusius

**Participants:**

- 8:00 Jon L. Gibson—The Sacred and the Secular at the Poverty Point Site
- 8:20 Michael D. Wiant and Charles R. McGimsey—Middle Woodland Building Function in Illinois
- 8:40 Claire McHale Milner and John M. O'Shea—The Changing Role of Earthwork Enclosures During the Woodland Period in Michigan
- 9:00 Robert V. Riordan—Hilltop Earthworks and the Archaeology of Functional Ambiguity
- 9:20 Stephanie J. Belovich—Defensive or Sacred? An Early Late Woodland Earthwork in Northeast Ohio
- 9:40 Sarah W. Neusius, Lynne P. Sullivan, Phillip D. Neusius, and Claire M. Milner—Fortified Village or Mortuary Encampment? Exploring the Function of the Ripley Site
- 10:00 Vernon James Knight—Discussant

**[105] Symposium ■ Current Research on Paleoindian Archaeology and Geoarchaeology of the Central High Plains and Rocky Mountains**

**Room:** Duluth

**Organizer and Chair:** Robert H. Brunswig, Jr.

**Participants:**

- 8:00 E. James Dixon—Paleoindian Archeology at the Denver Museum of Natural History: History and Current Programs
- 8:20 Bob Brunswig—The Dent Mammoth Site: Directions in Current Research
- 8:40 Daniel C. Fisher—Season of Death of the Dent Mammoths
- 9:00 Linda Scott Cummings and Rosa Maria Albert—Phytoliths and Diet: Mammoth Teeth from the Dent Site
- 9:20 Michael McFaul—Geoarchaeologic and Paleoenvironmental Model: Kersey Terrace, Kersey, Colorado
- 9:40 Marcel Kornfeld and George C. Frison—High Altitude Paleoindian Occupation of the Rocky Mountains
- 10:00 Bonnie L. Pitblado and Robert H. Brunswig, Jr.—Late Paleoindian Culture Dynamics and Environmental Change in the Central High Plains and Rocky Mountains
- 10:20 Bonnie L. Pitblado—Discussant
- 10:40 Michael McFaul—Discussant

**[106] Sponsored Forum ■ United States Indian Policy and the Conduct of Archaeology on Indian Lands: A Dialogue with the Bureau of Indian Affairs (Bureau of Indian Affairs)**

**Room:** Directors Row 1

**Organizer and Chair:** Donald R. Sutherland

**Participants:**

- 10:00 Donald R. Sutherland—What Archeologists Who Wish to Practice on Indian Lands Need to Know About the Trust Relationship Between Indian Tribes and the United States
- 10:20 Frank Fryman—Some Specific Effects of United States Indian Policy on the Management of Archeological Resources and on the Conduct of Archeology on Indian Trust Lands
- 10:40 Joe Watkins—Discussant
- 11:00 Neal Crozier—Discussant



**[107] General Session ■ Southwest Archaeology****Room:** Marquette**Chair:** Barbara J. Mills**Participants:**

- 10:30 Jonathan Mabry—New Light on Early Southwestern Villages  
 10:40 Eden Welker and Douglas R. Parker—Corn and More? A Study at Pueblo San Marcos, New Mexico  
 10:50 Kyle Woodson—Documenting a Migration: The Goat Hill Site, a Western Anasazi Pueblo in the Safford Valley of Southeastern Arizona  
 11:00 Lisa K. Bibb—The Southwestern Archaic: A View From the Southern Portion of the Northern Rio Grande  
 11:10 Phil R. Geib—Plain Weave Sandals and Middle Archaic Occupancy of the Central Colorado Plateau  
 11:20 Andrew Duff—Excavations at Rattlesnake Point Pueblo on the Upper Little Colorado River

**SATURDAY AFTERNOON, MAY 6, 1995****[107A] Public Session ■ Learning from the Past: Getting Involved in Archaeology (SAA Public Education Committee)****Room:** Ballroom E, F, and G**Organizers:** Teresa L. Hoffman and Carl Blair**Participants:** Olga Soffer, Scott Anfinson, Gary Cavender**[108] Symposium ■ Cultural Resources Management: A Reassessment****Room:** Hennepin**Organizer and Chair:** Janet Friedman**Participants:**

- 1:00 Janet Friedman—Are We Killing the Goose?  
 1:20 Michael E. Roberts—Reaffirming the Promise  
 1:40 Georgess McHargue—The Marlboro Bear Skull and the Charlestown Cat, or Let's Not Forget Why the Public Likes Archaeology  
 2:00 Joseph Schuldenrein—"Am I Old Enough Yet?" Growth Pangs and Identity in Cultural Resources Management  
 2:20 Dorothy A. Humpf—An Alternative Approach to Mitigation: Public Archaeology and Data Recovery Excavations on City Island, Harrisburg, Pa.

**[109] Fryxell Symposium ■ Current Interdisciplinary Research on Early Farming Communities (Society for American Archaeology)****Room:** Ballroom A**Organizer and Chair:** Joy McCorriston**Participants:**

- 1:00 Patty Jo Watson and Charles L. Redman—The Hilly Flanks and Beyond  
 1:20 Herbert Wright—The Climatic Setting for Plant Domestication in the Near East  
 1:40 Mark A. Blumler—Ecological Studies of Wild Cereals  
 2:00 Naomi E. Cleghorn and Melinda A. Zeder—A Reconsideration of the Evidence for Animal Domestication in the Zagros from the Perspective of the Upper Paleolithic at Yafteh Cave  
 2:20 Richard Redding—A Piece of the Flock: Early Domestic Animals as Insurance  
 2:40 Kristen J. Gremillion and Kristin D. Sobolik—Prehistoric Diet and Plant Foods at Salts and Mammoth Caves, Kentucky  
 3:00 Charles H. Miksicek—Prehistoric California: A Testing Ground for Our Models of the Origins of Agriculture  
 3:20 Bruce D. Smith—Discussant

**[110] Symposium ■ Middle Missouri Subarea Archaeology Since the RBS****Room:** Duluth**Organizer and Chair:** Marvin Kay**Participants:**

- 1:00 J. Signe Snortland and Kimball M. Banks—The Middle Missouri: Another Dam Headache  
 1:20 Dennis L. Toom—Thirty Years After: The Post-Damming Condition and Research Potential of Middle Missouri Village Sites  
 1:40 R. Peter Winham and L. Adrien Hannus—Village Sites of the Middle Missouri Subarea A.D. 1000–1887: A National Historic Landmark Theme Study  
 2:00 Carl Falk, Russell W. Graham, and Holmes A. Semken, Jr.—Correspondence Analyses of Mammalian Remains from Missouri Basin Archaeological Sites in North and South Dakota  
 2:20 Amy L. Rosebrough—A Functional Analysis of Ceramics from the Helb Site: Pots, Paints, and Polish  
 2:40 Craig M. Johnson—Plains Village Settlement Patterns in the Middle Missouri Subarea  
 3:00 Stanley Ahler, Craig M. Johnson, Herbert Haas, and Georges Bonani—Reevaluation of Plains Village Radiocarbon Dating in the Middle Missouri Subarea  
 3:20 Marvin Kay—Middle Missouri Subarea Fortifications and Warfare  
 3:40 W. Raymond Wood—Discussant  
 4:00 Guy Gibbon—Discussant

**[111] Symposium ■ New Studies of Chacoan Outliers****Room:** Ballroom B**Organizer and Chair:** Jill Neitzel**Participants:**

- 1:00 Jill Neitzel—The Case of the Missing Outliers  
 1:20 Dennis Gilpin—Anasazi Community Architecture Along the Lower Puerco River, Northeastern Arizona  
 1:40 Nancy Mahoney, Andrew I. Duff, and Keith W. Kintigh—The Role of Chacoan Outliers in Local Organization  
 2:00 John Kantner—Political Competition Among the Chaco Anasazi of the Southern San Juan Basin  
 2:20 James W. Kendrick—Chaco Era (A.D. 1050–1150) Community Structure at Lowry  
 2:40 Karen A. Kievit—Building Relationships: Architecture, Ideology and the Chaco System  
 3:00 Ben A. Nelson—Discussant

**[112] Symposium ■ The Western Amazon: New Directions in Research****Room:** Directors Row 4**Organizer and Chair:** Patricia J. Netherly**Participants:**

- 1:00 J. Stephen Athens—Prehistoric Land Use and Occupation in Fluvial and Interfluvial Areas of the Western Amazon: Sediment Cores from the Ecuadorian Oriente  
 1:20 Patricia J. Netherly—Hilltop and Riverside: Prehistoric Settlement Patterns in Ecuadorian Amazonia  
 1:40 Arthur Rostoker—Ceramic Provinces in the Prehistory of the Ecuadorian Oriente  
 2:00 Brenda Bowser—Style Vs. Substance: The Ethnoarchaeology of Conambo Polychrome Pottery  
 2:20 Kimberly D. Kornbacher—Axes as Indicators of Agriculture and Interregional Interaction: Evaluating the Empirical Evidence  
 2:40 Warren DeBoer—Discussant

**[113] Symposium ■ Between Heaven and Earth: Theory of Method in Archaeology****Room:** Ballroom C



**Organizers and Chairs:** Elena Filios and Patricia H. Mangan

**Participants:**

- 1:00 Elena Filios—Critical Archaeology and the Deep Past: A View from the Bottom of the Pit
- 1:20 Edward V. Curtin—Archaeology as Natural History
- 1:40 Bill Fawcett—Bringing Theory to Method Within the Context of Academic Research Funded by Cultural Resource Management
- 2:00 Stanton W. Green—Space, the Last Frontier: Method, Theory, and Spatial Analysis
- 2:20 Patricia H. Mangan—Measure for Measure: Bridging Archaeological Theory and Method
- 2:40 LouAnn Wurst—A Method for Our Madness? Method and Theory in Radical Archaeology
- 3:00 H. Martin Wobst—Archaeologists and the Culture of Materiality
- 3:20 Robert Preucel—Discussant
- 3:40 Michael Fotiadis—Discussant

**[114] Symposium ■ Ideology and Cultural Complexity in the Northern Maya Lowlands**

**Room:** Marquette

**Organizer:** Edward B. Kurjack

**Chair:** Patricia K. Anderson

**Participants:**

- 1:00 Clemency Chase Coggins—The Stone of Yucatan
- 1:20 David A. Freidel, Charles Suhler, and Traci Ardren—Yaxana: An Early Royal Capital in the North
- 1:40 Rachel Walters and Jeff Kowalski—The Murals of Mul-Chic as Possible Evidence for Maya State Formation in the Puuc Region, Yucatan
- 2:00 Cynthia Kristan-Graham—Trade, Tribute, and Art at Chichen Itza
- 2:20 Virginia Miller—Smoking Mirror at Chichen Itza
- 2:40 Linnea H. Wren and Lynn Foster—Ritual Dance at Chichen Itza: Cultural Continuity and Innovation in the Northern Maya Lowlands
- 3:00 Ruth Krochock—Cross-Correlation of Epigraphic and Archaeological Data at Chichen Itza
- 3:20 Patricia K. Anderson—Polity and Cosmos: The Manifestation of Power in the Periphery
- 3:40 Clemency Chase Coggins—Discussant

**[115] Symposium ■ Archaeological Investigations in the Cerrillos River Valley, Ponce, Puerto Rico**

**Room:** Directors Row 3

**Organizers and Chairs:** Patrick H. Garrow and Guy G. Weaver

**Participants:**

- 1:00 David L. McCullough—Historic Preservation Investigations at the Cerrillos Dam and Lake: An Overview
- 1:20 Guy G. Weaver—El Parking Site (PO38): Late Saladoid/Early Ostinoid Transitions in the Cerrillos River Valley, Puerto Rico
- 1:40 Lee Newsom—Archaeobotany at Site PO-38 and an Emerging Picture of Prehistoric Subsistence on Puerto Rico
- 2:00 Christopher T. Espenshade—An Early Ostinoid Vessel Assemblage from Site PO21, Cerrillos River Valley, Puerto Rico
- 2:20 Patrick H. Garrow—La Iglesia de Maragüez, A Local Ceremonial Center in the Cerrillos River Valley, Ponce, Puerto Rico
- 2:40 Richard A. Krause—Coffee, Sugar, and Baked Clay: Taino Ceramics from Puerto Rico's Cerrillos River Valley
- 3:00 Eugene M. Futato—The Lithic Assemblage from Site PO27, Ponce, Puerto Rico
- 3:20 Emily R. Lundberg and Lind Sickler Robinson—Settlement Investigations at El Bronce, a Precolumbian Village in the Cerrillos Drainage, Puerto Rico

- 3:30 Carlos Solis Magaña—Trapiches de la Montana
- 3:40 J. W. Joseph—Los Caficultores de Maragüez: A Social and Technological History of Coffee Processing in the Cerrillos Valley, Municipio Ponce, Puerto Rico
- 4:00 Jose Oliver—The Cerrillos Valley Projects, Puerto Rico: A Regional Perspective

**[116] Symposium ■ Regional Perspectives on Paleoindian Subsistence and Diet Breadth**

**Room:** LaSalle

**Organizer and Chair:** Daniel S. Amick

**Participants:**

- 1:00 Yaroslav V. Kuzmin—Paleoindian Subsistence: A View From Siberia
- 1:20 David R. Yesner—Paleoindian Dietary Breadth in Interior Alaska: Evidence from the Broken Mammoth Site
- 1:40 Daniel S. Amick—Folsom Diet Breadth and Land Use Patterns
- 2:00 Leslie B. Davis, Stephen A. Aaberg, and John W. Fisher, Jr.—Paleoindian Hunter-Gatherer Subsistence, Diet Breadth and Seasonality in Northern Rockies
- 2:20 Matthew Glenn Hill and Lawrence C. Todd—Paleoindian Subsistence on the Northwestern Plains: New Data from the Casper and Agate Basin, Wyoming
- 2:40 Kenneth B. Tankersley—Temporal and Spatial Paleoindian Subsistence Patterns in Eastern North America
- 3:00 Dolores R. Piperno—Late Pleistocene/Early Holocene Human Ecology of Central America
- 3:20 Luis Alberto Borrero and Nora Viviana Franco—Early Patagonian Hunter-Gatherers: Subsistence and Technology
- 3:40 Thomas F. Lynch—Discussant
- 4:00 George C. Frison—Discussant

**[117] Symposium ■ The Transition to Agriculture in Preshistoric Europe**

**Room:** Directors Row 2

**Organizer and Chair:** T. Douglas Price

**Participants:**

- 1:00 Ruth Tringham—Transformations to Agriculture: Models, Data, and Interpretations from Southeast Europe
- 1:20 Didier Binder—The Spread of the Neolithic in Southern France
- 1:40 João Zilhão—The Transition to Agriculture in the Iberian Peninsula
- 2:00 Michael Jochim—The Transition to Agriculture in Central Europe
- 2:20 Peter Bogucki—How Farming Came to Central Europe, 7000–5000 B.P.
- 2:40 Marek Zvelebil—The Transition to Agriculture in Eastern Europe
- 3:00 Anders Fischer—The Introduction of Agriculture in Scandinavia: The Importance of Long Distance Exchange Systems
- 3:20 Lisbeth Pedersen—Elaborated Mesolithic Fishing Technology: An Alternative and/or a Stepping-Stone to the Indigenous Introduction of Agriculture
- 3:40 P. C. Woodman—From Mesolithic to Neolithic: Looking for a Baseline for Britain and Ireland
- 4:00 Lawrence H. Keeley—Discussant
- 4:20 Bob Chapman—Discussant

**[118] General Session ■ Southwest: Social and Political Organization**

**Room:** Rochester

**Chair:** Paul R. Fish

**Participants:**

- 1:00 Suzanne L. Eckert—Social Differentiation at Post-Chacoan Great House Sites: A View From the Hinkson Site, New Mexico
- 1:20 Thomas N. Motsinger and Mark L. Chenault—Stockaded Basketmaker Sites in the Mesa Verde Region
- 1:40 Mark Varien—Sedentism and Mobility in Agricultural and Horticultural



- Societies: Beyond Ecological Determinism
- 2:00 Mary P. Metcalf—Political Organization and Access to Resources in the Prehistoric Northern Southwest, A.D. 1000–1300.
- 2:20 Richard H. Wilshusen—Great Pueblo Period Reservoirs in the Mesa Verde Region
- 2:40 Wesley Bernardini—Transitions in Social Organization: A Predictive Model for Southwestern Archaeology
- 3:00 David R. Abbott—Recognizing the Limitations of a Settlement-Pattern Approach for Building Models of Social Organization
- 3:20 Sarah Herr—Circular Great Kivas and Community Reorganization in the Upper Little Colorado Area, Arizona
- 3:40 Edgar K. Huber—The Architectural Expression of Prehistoric Puebloan Social Complexity in the Upland Southwest.
- 4:00 James D. Farmer—A Contextual Approach to Basketmaker Art: Warfare and Sacrifice in Early Anasazi Culture

### [119] General Session ■ Old World Archaeology

**Room:** Ballroom B

**Chair:** Sari Miller-Antonio

#### **Participants:**

- 3:30 Heather Stettler—Macrobotanical Remains from the Site of El Juyo, Santander, Spain
- 3:40 Ada Kalogirou—Greek Neolithic "Cheese Pots": A Reevaluation of the Evidence
- 3:50 Ralph M. Rowlett—Hypothesis Testing by Structural Analysis of Iron Age Bog Burials
- 4:00 Benjamin A. Saidel—Pastoralism in the Early Bronze Age: The View from Har Nafha 396.
- 4:10 Elizabeth H. Dinan—Yellow-Spotted Flint and other Lithic Sources in the Lower Danube Region of the Balkans
- 4:20 Sari Miller-Antonio, Huang Weiwen, Si Xingiang, and Lynne Schepartz—Excavations at the Stratified Cave of Panxian Dadong, Guizhou Province, Southern China

### [120] General Session ■ Eastern North America Archaeology

**Room:** Hennepin

**Chair:** Mark Mehrer

#### **Participants:**

- 3:00 Michael A. Justin and Robert Thompson—Fine-Screen Recovery of Faunal and Lithic Material at a Multi-Component Woodland Habitation
- 3:10 Debbie Wallsmith and John Cable—Between a Rock and a Hard Place: The Analysis of Lithic Assemblages from the North Georgia Mountains
- 3:20 Jeffrey M. Mitchem—Investigating the Mississippian Palisade and Protohistoric Houses at the Parkin Site, Northeast Arkansas
- 3:30 Carol A. Yokell—Some Effects of Special Purpose Sites on the Faunal Composition in Habitation Sites: An Example from Fort Ancient
- 3:40 Mark Mehrer—Initial Late Woodland Domestic and Community Planning in Northern Illinois
- 3:50 Sissel Schroeder—Ancient Landscapes: Late Prehistoric Settlement of the American Bottom
- 4:00 John E. Byrd—Differential Subsistence Patterns During the Swift Creek Phase
- 4:10 Bill Billeck—Temporal and Spatial Variation in Nebraska Phase Earthlodges in the Glenwood Locality, Iowa
- 4:20 Eric Feiler—Temporal Changes in Lithic Technology Based on Evidence from 32DU965A, Knife River Flint Primary Source Area, North Dakota
- 4:30 Michael G. Michlovic—An Early Archaic Site on the Northeastern Plains
- 4:40 Susan M. T. Myster and Erin H. Kimmerle—A Bioarchaeological Investigation of the Hypothesized Relationship Between the Clam River Focus of Wisconsin and the Mille Lacs Aspect of Minnesota

- 4:50 Richard Fishel—Salvage Excavations at the Dixon Oneota Village (13WD8), Woodbury County, Iowa

### [121] General Session ■ Western North America Archaeology

**Room:** Directors Row 4

**Chair:** Paul Nickens

#### **Participants:**

- 3:00 Paul E. Buck—In-Field vs. Laboratory Analyses of Lithic Scatters in the Yucca Mountain Area
- 3:10 Gregory M. Haynes and Paul E. Buck—Technological Diversity at Prehistoric Sites near Yucca Mountain, Nye County, Nevada
- 3:20 Julie A. Heller—Lower Limb Skeletal Morphometrics and Mobility in Prehistoric Central California Hunter-Gatherers
- 3:30 Carole A. S. Mandryk—Lake-Level Fluctuations and Geoarchaeological Implications of the Tule Lake Basin, Northern California
- 3:40 D. Craig Young—Landscape Change and Archaeology in Warner Valley, Oregon
- 3:50 Alanah Woody—Tired Techniques with New Interpretations: New Perspectives on Rock Art from Tired Dam, Oregon
- 4:00 Susan E. Bender—What's to Eat?: Identification and Analysis of Archaeological Fauna from Katmai National Monument, Southwestern Alaska
- 4:10 Edwin S. Hall and Richard E. Reanier—Late Prehistoric Monumental Architecture in the Alaskan Arctic

### SATURDAY EVENING, MAY 6, 1995

### [122] Plenary Session ■ Telling Archaeology: Parks, Museums, Print, and Video

**Room:** Ballrooms A/B/C

**Organizer and Chair:** Steven H. Lekson

**Time:** 7:30–9:30 pm

**Participants:** Brian Fagan, Clara Sue Kidwell, Guadalupe Mustache, Katherine Stevenson, David Hurst Thomas, Peter A. Young

### SUNDAY MORNING, MAY 7, 1995

### [123] Symposium ■ Unit Construction in Archaeology: Measurements of Space, Time, and Material

**Room:** Ballroom B

**Organizers and Chairs:** Ann F. Ramenofsky and Anastasia Steffen

#### **Participants:**

- 8:00 Anastasia Steffen and Ann Ramenofsky—Units as Instruments of Measure: An Introduction
- 8:20 Patrice Teltser—Settlement as Unit of Measurement: Issues of Validity and Reliability
- 8:40 Julie K. Stein—Rethinking the Arbitrary and Natural Unit of Excavation: A Stratigraphic Alternative
- 9:00 Hector Neff—Units in Chemistry-Based Ceramic Provenance Investigations
- 9:20 Richard E. Hughes—Issues of Reliability, Validity, and Scale in Obsidian Sourcing Research
- 9:40 Ann F. Ramenofsky—The Illusion of Time
- 10:00 Philippe D. LeTourneau—The Folsom Problem
- 10:20 Charlotte Beck—Style, Function, Technology, and Chronological Units
- 10:40 William S. Dancy—Beyond Adena-Hopewell: A Phase-less Approach to Midwestern Prehistory
- 11:00 Fraser D. Neiman—Discussant



**[124] Symposium ■ Cultural Logic, Social Agency, and the Political Dynamics of Technology: Beyond the Tangible**

**Room:** Ballroom A

**Organizers and Chairs:** Marcia-Anne Dobres and Christopher R. Hoffman

**Participants:**

- 8:00 Marcia-Anne Dobres—Of Paradigms Lost and Found: Archaeology and Prehistoric Technology, Sleepwalking Through the Past
- 8:20 S. Terry Childs—"After All, a Hoe Buys a Wife": The Social Dimensions of Iron Working in East Africa
- 8:40 Rita Wright—Knowledge and Choice, Cultural and Practical Reasons
- 9:00 Thomas A. Wake—Bone Tools and Tool Production at Colony Ross: Persistence of Prehistoric Technology at a European Trading Colony
- 9:20 Valentine Roux, Blandine Bril, and Gilles Dietrich—Skills Involved in Stone Bead Knapping: An Approach to Socio-Cultural Actors from the Indus
- 9:40 Christopher R. Hoffman—More Than Just Metals: Material Culture and Technology in Late Prehistoric Mallorca, Spain
- 10:00 Bryan Pfaffenberger—Discussant

**[125] Symposium ■ The Archaeology of Colonialism and Imperialism in Latin America**

**Room:** Ballroom E

**Organizers and Chairs:** Elizabeth M. Scott and William R. Fowler

**Participants:**

- 8:00 Elizabeth M. Scott and Donald P. Heldman—Expansion and Imperialism in the Rio Verde Valley of Mexico
- 8:20 Craig Morris—Patterns of Inka Imperial Rule in Three Provinces
- 8:40 Michael E. Smith—Archaeology and the Aztec Empire
- 9:00 Thomas H. Charlton and Patricia Fournier G.—The Changing of the Guard: The Early Colonial Period in the Basin of Mexico
- 9:20 William R. Fowler and Inez Verhagen—The Center at the Periphery: The Archaeology of Colonialism in Los Izalcos, El Salvador
- 9:40 Margaret Purser—Nineteenth-Century Logging in Pacific Guatemala
- 10:00 Thomas P. Myers—Missions and Population Disruption in the Peruvian Amazon, A.D. 1639–1850
- 10:20 Thomas C. Patterson—Discussant
- 10:40 Sue Alcock—Discussant

**[126] General Session ■ Southwest: Culture History and Change**

**Room:** Ballroom C

**Chair:** Arleyn Simon

**Participants:**

- 8:00 Donna M. Glowacki and M. D. Glascock—The Nature of Production and Exchange in the Sand Canyon Locality Based on Compositional Groups Formed by Neutron Activation Analysis
- 8:20 Scott Van Keuren—Pottery Design Execution and Population Movement in the 14th-Century Southwest: A Case Study from the Grasshopper Region, Arizona
- 8:40 Jillian E. Galle—Haute Couture: Cotton, Class, and Culture Change in the Protohistoric Southwest
- 9:00 James E. Snead—Communities, Competition, and the Cultural Landscape of the Eastern Anasazi, A.D. 1275–1500
- 9:20 Barbara J. Roth—Looking for Change in All the Wrong Places: Emerging Sedentism in the Southern Southwest
- 9:40 Ronald H. Towner and Byron Johnson—Estimating Diné Navajo Population: Implications of the San Rafael Survey
- 10:00 Bruce B. Huckell and C. Vance Haynes, Jr.—The Ventana Complex: New Dates and New Ideas on Its Place in Early Holocene Western Prehistory
- 10:20 Mark C. Slaughter—Mogollon Influence on the Hohokam of the Northeastern Tucson Basin
- 10:40 Arleyn W. Simon—Social Networks and Alliances Among the Classic Period

Salado of Central Arizona

- 11:00 Jeremy R. Kulisheck—Field Houses and Population Estimation in the U.S. Southwest

**[127] Symposium ■ Northwestern South American Archaeology: Papers in Memory of Dr. Gerardo Reichel-Dolmatoff**

**Room:** Directors Row 3

**Organizers and Chairs:** Augusto Oyuela-Caycedo and J. Scott Raymond

**Participants:**

- 8:00 J. Scott Raymond—The Beginnings of Sedentism in Northwestern South America
- 8:20 Peter W. Stahl, James A. Zeidler, and Marie J. Sutliff—Shamanistic Elements in a Terminal Valdivia Burial, Northern Manabi, Ecuador
- 8:40 Warren R. DeBoer—The Use of Anthropomorphic Figurines by Chachi Shamans
- 9:00 David M. Stemper and Hector Salgado Lopez—Figurines, Meanings, and Politics from 700 B.C. to A.D. 400 Colombian Pacific Coast
- 9:20 Marianne Cardale Schrimpf—Precolumbian Roads in Calima: A Means of Communication Between the Politics of Southwestern Colombia (500 B.C. –A.D. 500)
- 9:40 Richard Cooke—The Cupica Connection: A Hypothesis for Cultural History of Northwest Pacific Colombia and the "Cueva" Lands from Precolonial to Modern Times
- 10:00 Ana Maria Boada—A Correspondence Between Social Differentiation and Political Hierarchy in the Valle de Samaca, Boyaca-Colombia
- 10:20 Peter G. Roe—The Raptor Motif in Prehistoric Chavin and San Agustín Sculpture: Dynamic Dualism in Two Early South Amerindian Art Styles
- 10:40 Jeffrey P. Blick—Prestige Versus Wealth in the Cerro Guacas Polity During the Regional Classic Period (A.D. 1–900) in the Valle de la Plata, Colombia
- 11:00 Augusto Oyuela-Caycedo—Domestic and Ceremonial Life in North Andes Chiefdoms: Change and Continuity in the Sierra Nevada de Santa Marta
- 11:20 Lilliam Arvelo—Patron de Asentamiento y Organización Social Durante el Primer Horizonte Pintado, Nuevas Evidencias del Valle de Quibor, Venezuela
- 11:40 Erika Wagner—Gerardo Reichel Dolmatoff and Venezuelan Archaeology—50 Years of Creativity

**[128] Symposium ■ Settlement, Society, and Power in Scandinavia and the British Isles During the First Millennium A.D.**

**Room:** Directors Row 4

**Organizer:** Nancy L. Wicker

**Chair:** Barbara G. Scott

**Participants:**

- 8:00 Ulf Näsman—Changes in the Archaeological Record and the Development from Tribe to State in Denmark
- 8:20 Bjarne Henning Nielsen—Smedegaard: A Tell-Like Iron Age Village in Thy, Denmark
- 8:40 David Earle Robinson and Peter Hambro Mikkelsen—Subsistence and Agrarian Economy at Smedegaard, Thy, Denmark: An Early Iron Age Settlement
- 9:00 Johan Callmer—Site and Settlement in Southern Scandinavia ca. A.D. 600–1100
- 9:20 Tina L. Thurston—The Power of Place in Iron Age Denmark: A Physical and Cultural Geography of State Formation
- 9:40 Charlotte Fabeck—Political and Religious Centers during the Early Middle Ages in Denmark and Sweden
- 10:00 Nancy L. Wicker—The Women of Birka: Status and Power During the Period of Early Missionary Activity
- 10:20 Ross Samson—Women at the End of the Earth
- 10:40 Genevieve Fisher—Wealth and Power in Early Anglo-Saxon England



- 11:00 Pam J. Crabtree—A Zooarchaeological Approach to the Evolution of Complex Societies in Eastern Anglo-Saxon England  
 11:20 Stephen T. Driscoll—Forging a Nation: Ethnic Accommodation in the Creation of Scotland in the Early Middle Ages

**[129] General Session ■ Mid-Atlantic and Southeast Archaeology**

**Room:** Ballroom F

**Chair:** Michael P. Hoffman

**Participants:**

- 8:00 Bruce Idol and J. Ned Woodall—Late Woodland and Lamar in Northwestern North Carolina: Archaeological Correlates of an Ethnographic Fuzzy Set  
 8:20 Cameron B. Wesson, John W. Cottier and Craig T. Sheldon—Distributional Aspects of Settlement Structure Along the Lower Tallapoosa River  
 8:40 Debra L. Gold—Late Prehistoric Sociopolitical Organization in Piedmont Virginia: New Evidence From the Rapidan Mound Site  
 9:00 Lynn M. Pietak—Charting Culture Change on the Body: European Objects in Munsee and Delaware Mortuary Contexts  
 9:20 Dawn L. Huff—Analysis of Faunal Remains and Site Formation Processes: Medical College of Georgia  
 9:40 R. Colby Allsbrook—Limestone, Grog, and Shell: An Intemperate View of Pottery Temper in the Tennessee Valley  
 10:00 John S. Cable—A Late Archaic Ceramic Sequence for the South Carolina Coast  
 10:20 Michael P. Hoffman—Robes of Many Colors: Rosetta Skins for Quapaw Archeology  
 10:40 Lee Novick—Site Distributions and Survey Strategies in the Southern Interior Coastal Plain  
 11:00 Joe Saunders, Thurman Allen, Rolfe Mandel, and Roger Saucier—Watson Brake: A Middle Archaic Mound Complex (ca. 5300 B.P.)

**[130] Symposium ■ Northern Yucatan: Prehispanic Maya Community and Social Organization**

**Room:** Carver

**Organizer:** Patricia K. Anderson

**Chair:** Edward B. Kurjack

**Participants:**

- 8:00 H. Sorayya Carr—Some Reflections on Interpreting Archaeofaunas from Northern Yucatan  
 8:20 Bruce H. Dahlin, Valerie McCormack, and Anthony P. Andrews—Canbalam in Context  
 8:40 Christopher D. Dore—Behavior and the Built Environment in a Yucatecan Village  
 9:00 George F. Andrews—The Nunnery (Monjas) and other Large Quadrangles at Uxmal: Elite Residential Compounds or Civic/Ceremonial Complexes?  
 9:20 Nicholas P. Dunning—Urban and Rural Settlement Systems of the Puuc Region, Yucatan, Mexico  
 9:40 Markus Reindel—Investigation of Puuc Chronology: The Xkipché Archaeological Project  
 10:00 Michael P. Smyth—Ceramics Production, Barrio Organization, and the Maya Economy: Economic Specialization at Sayil, Yucatan, Mexico  
 10:20 Rafael Cobos P.—Chichen Itza and Its Settlers During the Terminal Classic Period: Analyzing the Maya and Toltec Occupation of the Site  
 10:40 Edward B. Kurjack and Ruben Maldonado—Dzibilchaltun Revisited  
 11:00 Susan Kepecs, Sylviane Boucher and Sherman Banker—A Pan-Regional Comparison of Yucatan Slatewares: Approaching the Cepech-Sotuta Problem through Laboratory Analyses  
 11:20 Clifford T. Brown—Settlement Patterns and Social Organization at Mayapan, Yucatan, Mexico

**[131] Sponsored Symposium ■ Environment and Subsistence: Integrating Phytoliths into the Archaeological Record (Society for Phytolith Research)**

**Room:** Hennepin

**Organizers and Chairs:** Linda S. Cummings and Susan J. Pennington

**Participants:**

- 8:00 Susan C. Mulholland—Activities at a Brainerd Habitation: The Phytolith Evidence  
 8:20 Robert Thompson—A Functional Study of Brainerdware Pottery Through Phytoliths Recovered from Food Residues  
 8:40 Linda Scott Cummings and Kathy Puseman—Coprolites Contain Phytoliths Too: Anasazi Diet at Step House, Mesa Verde  
 9:00 Rosa Maria Albert, Linda Scott Cummings, Josep Maria Fullola, Pilar García-Argüelles, and Jordi Juan—Phytolith Analyses of Upper Paleolithic to Neolithic Firepits from Two Archaeological Sites in the Northeastern Iberian Peninsula  
 9:20 Arlene Miller Rosen—Phytolith Evidence for Mousterian and Epipaleolithic Plant Exploitation at Hayonim Cave, Israel  
 9:40 Glen Fredlund—Bison Teeth, Phytoliths, and Climate Change in the Great Plains  
 10:00 Hope Jahren and Ron Amundson—Determining Climate from Hackberry Phytoliths  
 10:20 Carol Lentfer—Modern Phytolith Assemblages from the Bismarck Archipelago, PNG  
 10:40 Elizabeth J. Lawlor—Distinctive Phytoliths from Mojave Desert Dicots  
 11:00 Jack Edwin Ryan—Recovery of Identifiable Phytoliths from Groundstone Artifacts and Human Dentition using Scanning Electron Microscopy  
 11:20 Irwin Rovner—Mien, Mean, and Meaning: Limits of Conventional Typology in Phytolith Analysis  
 11:40 Zhijun Zhao, Deborah M. Pearsall, and Richard S. MacNeish—Phytolith Evidence for Early Rice in Southern China

**[132] Symposium ■ EM, HM, CRM, and Archaeology: Myths, Facts, and Realities Explored**

**Room:** Ballroom G

**Organizers:** Judith Pace, Sam Brookes, Russ Kaldenberg, Kent Schneider, and Sandra Forney

**Chairs:** Judith Pace and Sam Brookes

**Participants:**

- 8:00 Gary Stumpf—Using Ethnoecology Studies to Improve Ecosystem Management  
 8:20 Connie L. Stone—Linking Cultural Resource Management to Ecosystem Management: A Case from Arizona  
 8:40 Doug Stephens—An Experience Based Approach to Heritage Site Interpretation  
 9:00 Russell L. Kaldenberg and Donald Manuel—What do We Tell the Teachers? What Do the Children Learn? Approaching the Community with Archaeological Data Carefully and Cautiously.  
 9:20 Cynthia Stiles—Partners 'R Us: Doubling the Fun Through Interagency Partnerships  
 9:40 Robert E. King—Heritage Education in the Far North: A Look at Alaska's Program  
 10:00 Kent A. Schneider—Heritage Management: A Frontier  
 10:20 Andrea L. Koonce and Kent A. Schneider—Human Responses to Fire Behavior: Clues for Interpreting the Past  
 10:40 Richard C. Hanes—Treaty Rights, Spirituality, and Ecosystems in the Pacific Northwest  
 11:00 Herrick E. Hanks—Discussant



**[133] General Session ■ Arctic and West Coast Archaeology****Room:** Rochester**Chair:** Herbert D. G. Maschner**Participants:**

- 8:00 Robert U. Bryson and Reid A. Bryson—Archaeoclimatology: High Resolution Simulation of Regional Holocene Climates
- 8:20 William Andrefsky—Raw Material Characteristics and the Shaping of Stone Tool Technology
- 8:40 Melinda Leach—Tracking the Ancients: Obsidian Sourcing as a Clue to Prehistoric Mobility
- 9:00 Amy F. Steffian and Patrick Saltonstall—Markers of Identity: Labrets and Social Evolution on Kodiak Island, Alaska
- 9:20 Stephen E. Nash—Archaeological Dendroclimatology in Alaska: Results and Prospects
- 9:40 Lucy Lewis Johnson, Kathryn Leonard, and Alexandra Chan—Salmon Fishing at Squaw Harbor: Resistivity and Net Weights
- 10:00 Joanne M. Mack—The Significance of Multiple-Floored Housepits in Upper Klamath River Canyon
- 10:20 Doug MacDonald—Mobility and Raw Material Use at the Hunting Camp Spring Site, Blue Mountains, Oregon
- 10:40 Douglas C. Wilson—Secondary Refuse Aggregates in the Willamette Valley, Oregon: An Explicitly Refuse-Oriented Approach to the Study of Middle and Late Archaic Period Settlement and Socio-Economic Adaptation
- 11:00 Virginia Howard—Steatite Vessels: Issues of Production, Trade, and Control on Santa Catalina Island
- 11:20 Roger H. Colten—An Adaptationist Model of Emergent Complexity Among Hunter-Gatherers in the Santa Barbara, California Region

**[134] Sponsored Symposium ■ The Earliest Americans National Historic Landmark Theme Study (National Park Service and SAA)****Room:** LaSalle**Organizers:** Bob Grumet and David Brose**Chair:** Bob Grumet**Participants:**

- 8:00 Francis P. McManamon—The Paleoindian Project and the National Park Service Archeological National Historic Landmark Initiative
- 8:20 Patty Henry—Theme Studies in the National Historic Landmarks Program
- 8:40 David S. Brose—Paleoindian Thematic Studies: The Roles of the SAA and the NPS in a Landmark Initiative
- 9:00 David G. Anderson—Research Questions and Issues in the Paleo-Indian Theme Study
- 9:20 Bob Grumet—The Paleoindian National Historic Landmark Theme Study: Progress and Prospects
- 9:40 Dennis Stanford—Discussant

**[135] General Session ■ Plains Archaeology****Room:** Marquette**Chair:** James M. Collins**Participants:**

- 8:00 Karen E. Chambers and James R. Purdue—Building Blocks of Bison: Ancient DNA Analysis of Archaeological Animals
- 8:20 Helen Danzeiser Dockall and Barry W. Baker—Prehistoric Projectile Point Wounds from the Southern Great Plains and the Western Gulf Coastal Plain of Texas
- 8:40 James M. Collins—The Regional Significance of a Shell Mask Gorget from the Upper Iowa River Valley
- 9:00 Lynn M. Malinowski and Konnie L. Moeller—The Archaeology of the Intermountain West: A Regional Perspective From Browns Park in Utah and Colorado

- 9:20 Paul R. Picha—Expedient Mussel Shell-Tool Technology on the Northern Great Plains: Historical, Archaeological, and Taphonomic Considerations
- 9:40 Wetherbee Dorshow—Issues of Prehistoric Mobility and Technology on the Southern Park Plateau of Northeastern New Mexico
- 10:00 Lynn M. Snyder—Domestic Dogs as a Native American Food Resource: Archaeological Evidence From the Northern Plains
- 10:20 Daniel Meatte—Ochre
- 10:40 Laura L. Scheiber—Burial Archaeology and Research on the Northwestern Plains
- 11:00 Mavis Greer and John Greer—Spatial Distribution of Pictograph Sites in Central Montana
- 11:20 Matthew E. Hill and Dean T. Sather—The Pueblo on the Plains: Spatial Analysis of Bison Processing at the El Cuartelejo Pueblo in Western Kansas

**[136] General Session ■ Archaeological Method and Theory****Room:** Duluth**Chair:** Kenneth L. Kvamme**Participants:**

- 8:00 Susan R. Snow—Constructive Imagination and Tropical Cosmology: The View from the North
- 8:20 Evan Peacock—Testing the Efficacy of Shovel Test Screening on the Tombigbee National Forest, Mississippi
- 8:40 E. S. Lohse and Dorothy Sammons—Computer Imaging: Capturing Archaeological Context
- 9:00 Harold L. Dibble—Analysis of Mousterian Tool Reduction Sequences through Video Digitization
- 9:20 Kenneth L. Kvamme—The Large-Scale Structure of Chipping Debris Scatters: Linking GIS Visualization with Field and Experimental Archaeology, Computer Simulation, and Mathematical Modeling
- 9:40 Konnie L. Moeller and John Hoffecker—Historical Geomorphology and Archaeological Survey Strategy: Applications in Cultural Resources Management
- 10:00 Thomas J. Padgett—Geomorphological and Pedological Factors in Site Disturbance Evaluations for Cultural Resource Studies
- 10:20 Izumi Shimada and Hirokatsu Watanabe—Ground Penetrating Radar: Large Scale Application on Coastal Peru
- 10:40 James Feathers—Application of Luminescence Dating in American Archaeology
- 11:00 Andrea A. Hunter, Michael P. Eastman, Sheri A. Maktima, Beth A. Reichle, and Bernadette C. Slater—Electron Spin Resonance (ESR) Spectroscopy Applications in Paleoethnobotany
- 11:20 Lawrence B. Conyers—The Use of Ground-Penetrating Radar to Map the Buried Living Surface and Structures at the Ceren Site, El Salvador





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## AWARDS PRESENTATION AND ANNUAL BUSINESS MEETING

MAY 5, 1995

5 pm

### Call to Order

### Call for Approval of Minutes of the 1994 Annual Business Meeting

### Remarks

President Bruce D. Smith

President-elect William D. Lipe

### Reports

Treasurer W. Frederick Limp

Secretary Bruce E. Rippeteau

Executive Director Ralph Johnson

Editor Mark Aldenderfer (*SAA Bulletin*)

Editor Michael Graves (*American Antiquity*)

Editor David Pendergast (*Latin American Antiquity*)

Government Affairs Committee Chair Dean Snow

5:30 pm

### Presentation of Awards

Presidential Recognition Awards

Ceramic Studies Award

Crabtree Award

Cultural Resource Management Award

Dissertation Award

Fryxell Award

Lithic Studies Award

Poster Award

Gene S. Stuart Award

Public Service Award

Distinguished Service Award

New Business

### Ceremonial Resolutions

6:15 pm

### Adjournment



## SAA AWARDS

*Awards are presented in alphabetical sequence by name.*

The Award for Excellence in **Ceramic Studies** was initiated in 1994 to recognize excellence by an archaeologist whose innovative research, or repeated and enduring contributions, have contributed significantly to archaeology. The awardees have been:

1994 Patricia L. Crown  
William A. Longacre

The **Crabtree Award** was established in 1985 to recognize major contributions to American archaeology by individuals who have 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. The awardees have been:

1985 Clarence H. Webb, MD	1991 James Pendergast
1987 Leonard W. Blake	1992 Stuart W. Conner
1988 Julian Dodge Hayden	1993 Mary Elizabeth Good
1989 J. B. Sollberger	1994 Leland W. Patterson
1990 Ben C. McCary	

The Award for Excellence in **Cultural Resource Management** was established in 1994 to recognize excellence by an archaeologist whose innovative research, or repeated and enduring contributions, have contributed significantly to archaeology. The awardees have been:

1994 Hester A. Davis

The **Dissertation Award** is presented to archaeologists just entering the profession whose doctoral dissertations are judged to be particularly outstanding. The prize consists of Life Membership in the society and is awarded at the Annual Meeting of the society. The awardees have been:

1988 Judith A. Habicht Mauche (Harvard University)	1992 Lynette C. Norr (University of Illinois)
1990 David J. Bernstein (State University of New York at Stony Brook)	1993 Cathy Iebo (Indiana University)
1991 David Anderson (University of Michigan)	1994 Mary Van Buren (University of Arizona)

The **Distinguished Service Award** is presented annually to a member for specific accomplishments which 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 annually. The awardees have been:

1975 Carl Haley Chapman	1987 William A. Ritchie
Charles Robert McGimsey III	1988 Richard B. Woodbury
1980 Gordon Randolph Willey	Nathalie F. S. Woodbury
1981 Albert Clanton Spaulding	1989 George Irving Quimby
1982 Jesse David Jennings	1990 Fred Wendorf
1983 Hannah Marie Wormington	1991 Douglas Schwartz
1984 James Bennett Griffin	1992 John E. Yellen
1985 Emil Walter Haury	1993 George J. Gumerman
1986 Waldo R. Wedel	1994 Hester A. Davis
1987 William A. Ritchie	

The **Fryxell Award for Interdisciplinary Research** was set up by SAA in 1977 in memory of Roald Fryxell, whose career exemplified so well the crucial role of interdisciplinary cooperation in archaeology. The award, consisting of a citation and a medallion, is presented annually. The awardees have been:

1978 C. Vance Haynes	1986 Donald K. Grayson
1979 Peter J. Mehringer	1987 Richard I. Ford
1980 James B. Griffin	1988 David M. Hopkins
1981 Karl W. Butzer	1989 Joseph B. Lambert
1982 David J. Baerreis	1990 Patty Jo Watson
1983 John E. Guilday (posthumous)	1991 Paula Parmalee
1984 (no award)	1992 Richard Yarnell
1985 Roger T. Saucier	1993 Herbert E. Wright, Jr.
	1994 Garman Harbottle

The Award for Excellence in **Lithic Studies** was established in 1994 to recognize excellence by an archaeologist whose innovative research, or repeated and enduring contributions, have contributed significantly to archaeology. The awardees have been:

1994 John Witthoft (posthumous)

The **Poster Award** is 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 is given in two categories: student and professional/non-student. Initiated at the 58th annual meeting in 1993, the awardees have been:

1993 Cynthia Herhahn (Student)
Virginia Butler and James Chatters (Professional/non-student)
1994 Alanah J. Woody (Student)
George R. Miller and James S. Oliver (Professional/non-student)
Dennis E. Lewarch and Laura S. Phillips (organizers, Outstanding Poster Symposium)

The **Presidential Recognition Award**, instituted in 1990, is determined by the president of the society, in consultation with members of the executive board. This award allows the society to recognize individuals who have provided extraordinary services to the society and the profession in the past year. The awardees have been:



- |                                                                                                                         |                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1990 Jerome A. Miller<br>Nathalie F. S. Woodbury                                                                        | 1994 David S. Brose<br>Edward Friedman<br>Teresita Majewski<br>William H. Marquardt<br>R. Bruce McMillan<br>Dan F. Morse<br>J. Daniel Rogers<br>Katharina J. Schreiber<br>Dean Snow<br>Vincas P. Steponaitis<br>Paul Takac |
| 1991 Lynne Goldstein<br>Rachael Hamilton<br>Keith Kintigh<br>Loretta Neumann<br>Kathleen Reinburg<br>David Hurst Thomas |                                                                                                                                                                                                                            |
| 1992 Mark Leone<br>Jeremy A. Sabloff                                                                                    |                                                                                                                                                                                                                            |
| 1993 Jerald Milanich<br>Daniel G. Roberts<br>Bruce D. Smith<br>Vincas P. Steponaitis                                    |                                                                                                                                                                                                                            |

The **Public Service Award** was begun in 1983 to recognize the important contributions of non-archaeologists to the protection and preservation of cultural resources. It is presented to public figures, regardless of political affiliation, who have taken a lead or made a major contribution to preserving the past. The awardees have been:

- |                                                                    |                                                                                    |
|--------------------------------------------------------------------|------------------------------------------------------------------------------------|
| 1983 Senator Spark M. Matasanaga<br>Representative Donald J. Pease | 1991 Secretary of the Interior<br>Manuel Lujan, Jr.                                |
| 1984 Senator James A. McClure                                      | 1992 The Archaeological<br>Conservancy                                             |
| 1985 Speaker James C. Wright Jr.                                   | 1993 Constance Werner Ramirez                                                      |
| 1986 Secretary of the Interior<br>Donald P. Hodel                  | 1994 James Beck<br>Deborah Daniels<br>Jeffrey Kent<br>Larry Mackey<br>Scott Newman |
| 1987 Representative John F. Seiberling                             |                                                                                    |
| 1988 Representative Charles E. Bennett                             |                                                                                    |
| 1989 Senator Peter V. Domenici                                     |                                                                                    |
| 1990 Representative Morris K. Udall                                |                                                                                    |

The **Gene S. Stuart Award** was initiated in 1994 to enhance public understanding of archaeology. The annual prize for the best newspaper article or series focusing on archaeology 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)

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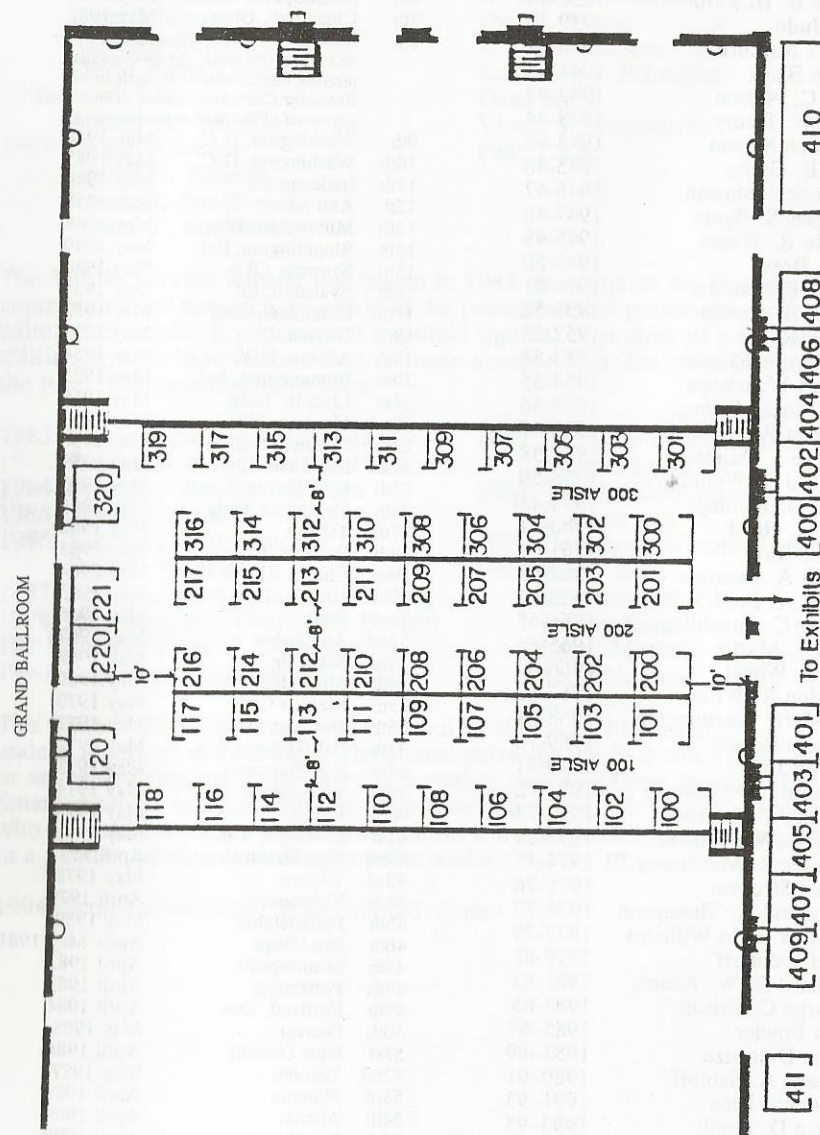
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|-------------------------|---------|
| A. C. Parker            | 1935-36 |
| Diamond Jeness          | 1936-37 |
| A. V. Kidder            | 1937-38 |
| Edgar B. Howard         | 1938-39 |
| Neil Judd               | 1939-40 |
| W. C. McKern            | 1940-41 |
| Glenn Black             | 1941-42 |
| Nels C. Nelson          | 1942-43 |
| Emil W. Haury           | 1943-44 |
| J. Alden Mason          | 1944-45 |
| Carl E. Guthe           | 1945-46 |
| Frederick Johnson       | 1946-47 |
| Douglas S. Byers        | 1947-48 |
| Waldo R. Wedel          | 1948-49 |
| J. O. Brew              | 1949-50 |
| Frank Roberts Jr.       | 1950-51 |
| James B. Griffin        | 1951-52 |
| Irving Rouse            | 1952-53 |
| Gordon F. Ekholm        | 1953-54 |
| Robert Wauchope         | 1954-55 |
| W. Duncan Strong        | 1955-56 |
| William A. Ritchie      | 1956-57 |
| George I. Quimby Jr.    | 1957-58 |
| Richard B. Woodbury     | 1958-59 |
| Jesse D. Jennings       | 1959-60 |
| Erik K. Reed            | 1960-61 |
| Junius Bird             | 1961-62 |
| David A. Baerreis       | 1962-63 |
| James A. Ford           | 1963-64 |
| Albert C. Spaulding     | 1964-65 |
| Paul S. Martin          | 1965-66 |
| Joe B. Wheat            | 1966-67 |
| Gordon R. Willey        | 1967-68 |
| H. Marie Wormington     | 1968-69 |
| Ignacio Bernal          | 1969-70 |
| Robert Lister           | 1970-71 |
| Richard S. MacNeish     | 1971-72 |
| Charles C. DiPeso       | 1972-73 |
| Douglas W. Schwartz     | 1973-74 |
| Charles R. McGimsey III | 1974-75 |
| Stuart Struever         | 1975-76 |
| Raymond H. Thompson     | 1976-77 |
| Cynthia Irwin-Williams  | 1977-79 |
| Fred Wendorf            | 1979-81 |
| Richard E. W. Adams     | 1981-83 |
| George C. Frison        | 1983-85 |
| Don Fowler              | 1985-87 |
| Dena Dincauze           | 1987-89 |
| Jeremy A. Sabloff       | 1989-91 |
| Prudence Rice           | 1991-93 |
| Bruce D. Smith          | 1993-95 |

## ANNUAL MEETING SITES

- |      |                                                                                                                                                                                                           |                |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 1st  | Andover, Mass.                                                                                                                                                                                            | December 1935  |
| 2nd  | Washington, D.C.                                                                                                                                                                                          | December 1936  |
| 3rd  | Milwaukee, Wis.                                                                                                                                                                                           | May 1938       |
| 4th  | Ann Arbor, Mich.                                                                                                                                                                                          | May 1939       |
| 5th  | Indianapolis, Ind.                                                                                                                                                                                        | April 1940     |
| 6th  | Minneapolis, Minn.                                                                                                                                                                                        | May 1941       |
| 7th  | Cincinnati, Ohio                                                                                                                                                                                          | May 1942       |
| 8th  | <i>(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.)</i> |                |
| 9th  | Washington, D.C.                                                                                                                                                                                          | May 1944       |
| 10th | Washington, D.C.                                                                                                                                                                                          | May 1945       |
| 11th | Indianapolis                                                                                                                                                                                              | May 1946       |
| 12th | Ann Arbor                                                                                                                                                                                                 | May 1947       |
| 13th | Milwaukee, Wis.                                                                                                                                                                                           | May 1948       |
| 14th | Bloomington, Ind.                                                                                                                                                                                         | May 1949       |
| 15th | Norman, Okla.                                                                                                                                                                                             | May 1950       |
| 16th | Evanston, Ill.                                                                                                                                                                                            | May 1951       |
| 17th | Columbus, Ohio                                                                                                                                                                                            | May 1952       |
| 18th | Urbana, Ill.                                                                                                                                                                                              | May 1953       |
| 19th | Albany, N.Y.                                                                                                                                                                                              | May 1954       |
| 20th | Bloomington, Ind.                                                                                                                                                                                         | May 1955       |
| 21st | Lincoln, Nebr.                                                                                                                                                                                            | May 1956       |
| 22nd | Madison, Wis.                                                                                                                                                                                             | May 1957       |
| 23rd | Norman, Okla.                                                                                                                                                                                             | May 1958       |
| 24th | Salt Lake City                                                                                                                                                                                            | May 1959       |
| 25th | New Haven, Conn.                                                                                                                                                                                          | May 1960       |
| 26th | Columbus, Ohio                                                                                                                                                                                            | May 1961       |
| 27th | Tucson                                                                                                                                                                                                    | May 1962       |
| 28th | Boulder, Colo.                                                                                                                                                                                            | May 1963       |
| 29th | Chapel Hill, N.C.                                                                                                                                                                                         | May 1964       |
| 30th | Urbana, Ill.                                                                                                                                                                                              | May 1965       |
| 31st | Reno                                                                                                                                                                                                      | May 1966       |
| 32nd | Ann Arbor                                                                                                                                                                                                 | May 1967       |
| 33rd | Santa Fe                                                                                                                                                                                                  | May 1968       |
| 34th | Milwaukee, Wis.                                                                                                                                                                                           | May 1969       |
| 35th | Mexico City                                                                                                                                                                                               | May 1970       |
| 36th | Norman, Okla.                                                                                                                                                                                             | May 1971       |
| 37th | Bal Harbour, Fla.                                                                                                                                                                                         | May 1972       |
| 38th | San Francisco                                                                                                                                                                                             | May 1973       |
| 39th | Washington, D.C.                                                                                                                                                                                          | May 1974       |
| 40th | Dallas                                                                                                                                                                                                    | May 1975       |
| 41st | St. Louis, Mo.                                                                                                                                                                                            | May 1976       |
| 42nd | New Orleans                                                                                                                                                                                               | April 1977     |
| 43rd | Tucson                                                                                                                                                                                                    | May 1978       |
| 44th | Vancouver                                                                                                                                                                                                 | April 1979     |
| 45th | Philadelphia                                                                                                                                                                                              | May 1980       |
| 46th | San Diego                                                                                                                                                                                                 | April-May 1981 |
| 47th | Minneapolis                                                                                                                                                                                               | April 1982     |
| 48th | Pittsburgh                                                                                                                                                                                                | April 1983     |
| 49th | Portland, Ore.                                                                                                                                                                                            | April 1984     |
| 50th | Denver                                                                                                                                                                                                    | May 1985       |
| 51st | New Orleans                                                                                                                                                                                               | April 1986     |
| 52nd | Toronto                                                                                                                                                                                                   | May 1987       |
| 53rd | Phoenix                                                                                                                                                                                                   | April 1988     |
| 54th | Atlanta                                                                                                                                                                                                   | April 1989     |
| 55th | Las Vegas                                                                                                                                                                                                 | April 1990     |
| 56th | New Orleans                                                                                                                                                                                               | April 1991     |
| 57th | Pittsburgh                                                                                                                                                                                                | April 1992     |
| 58th | St. Louis, Mo.                                                                                                                                                                                            | April 1993     |
| 59th | Anaheim, California                                                                                                                                                                                       | April 1994     |



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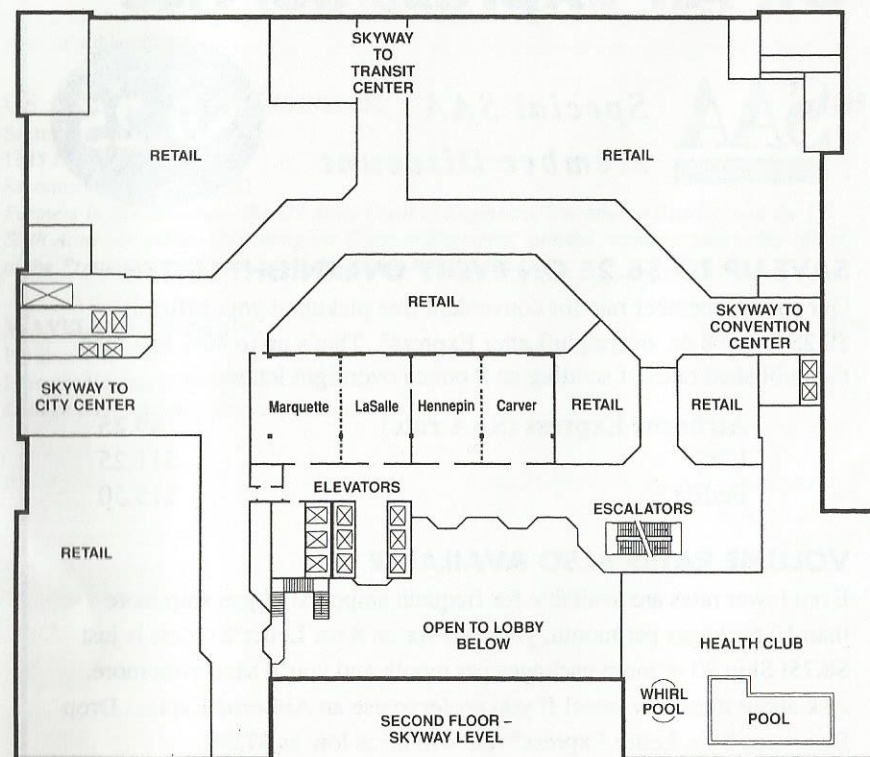
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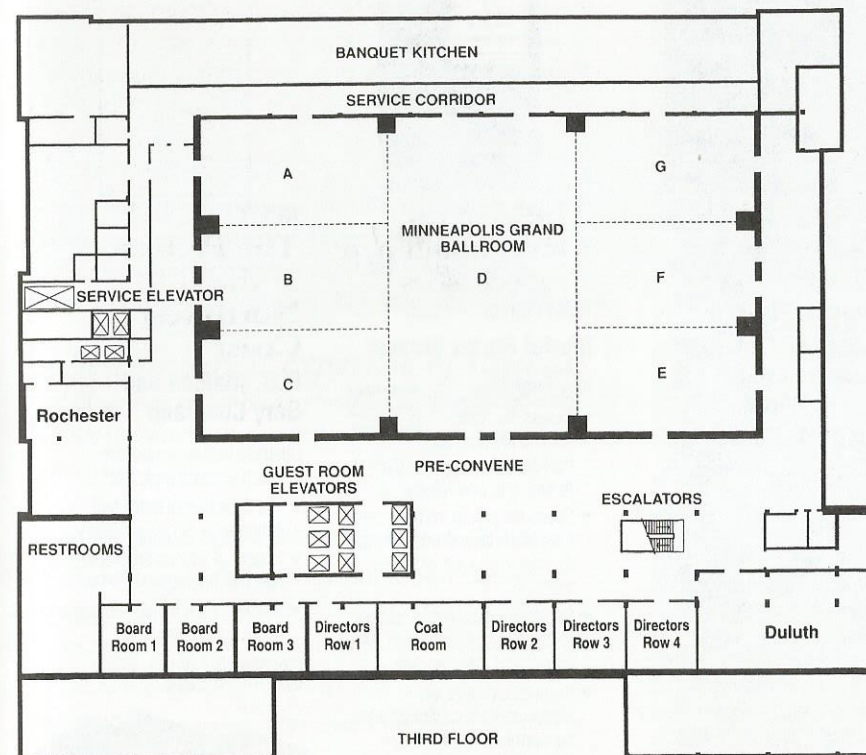
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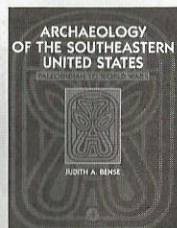




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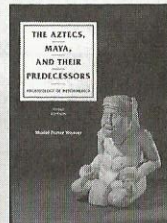


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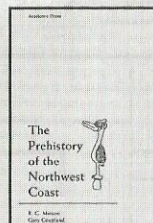


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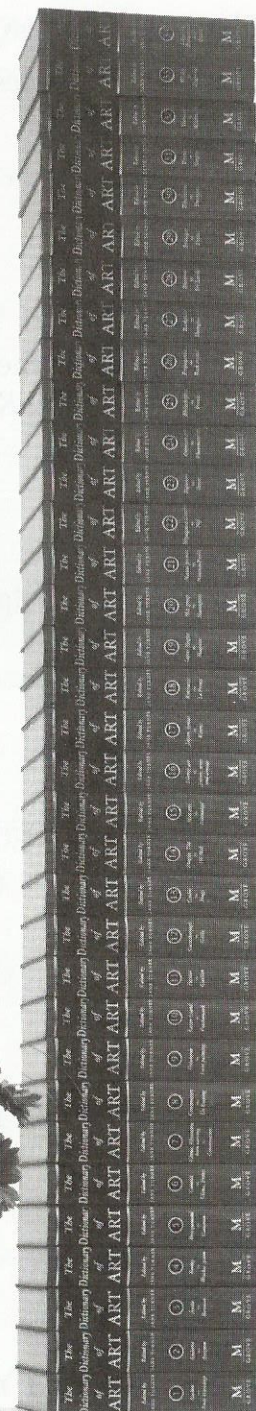
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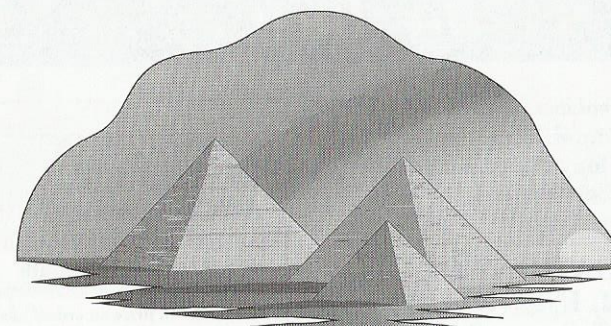
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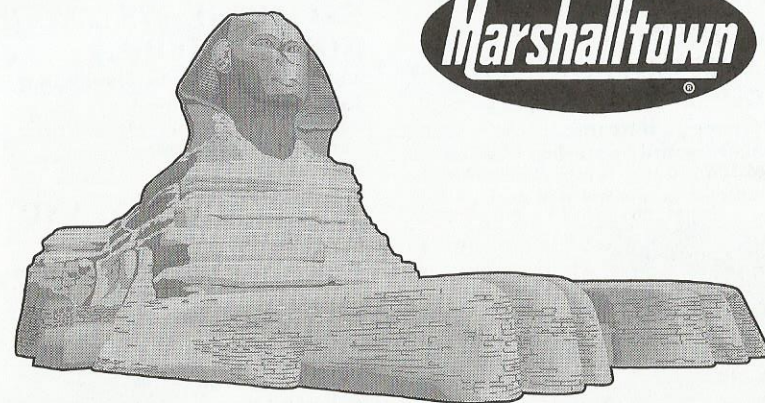
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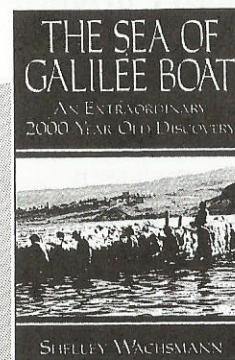
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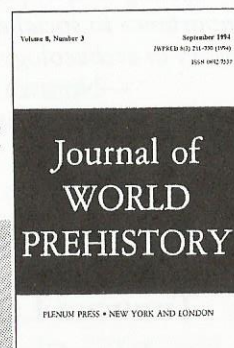
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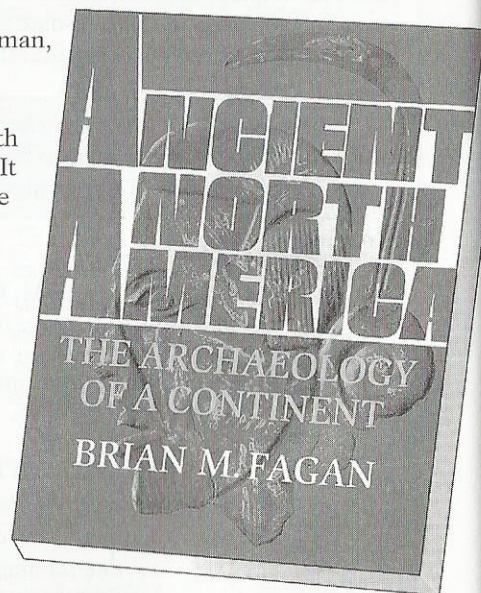
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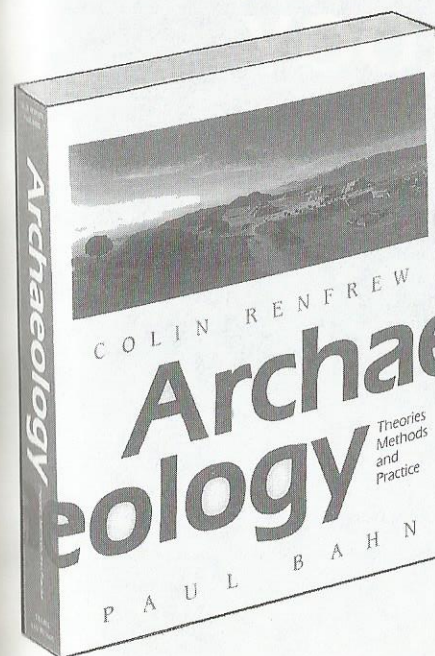
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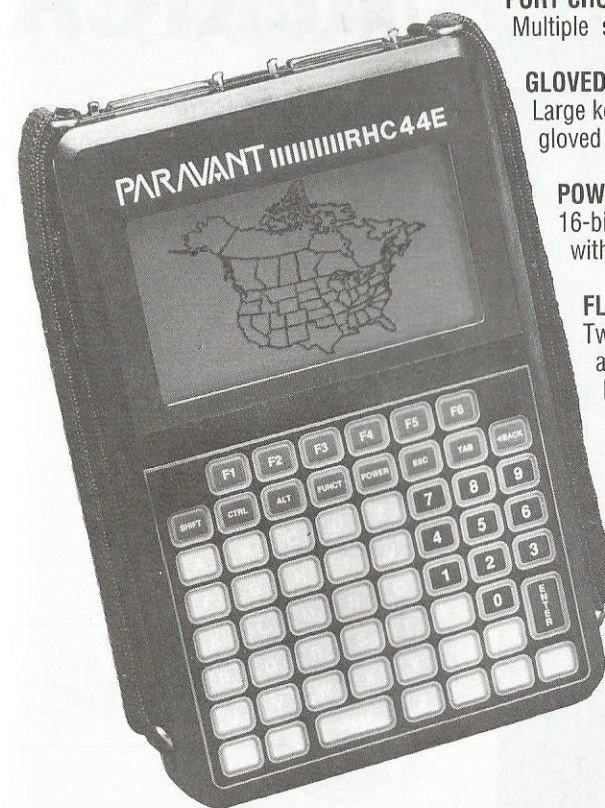
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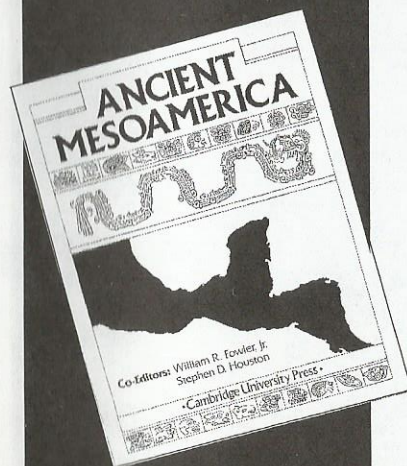
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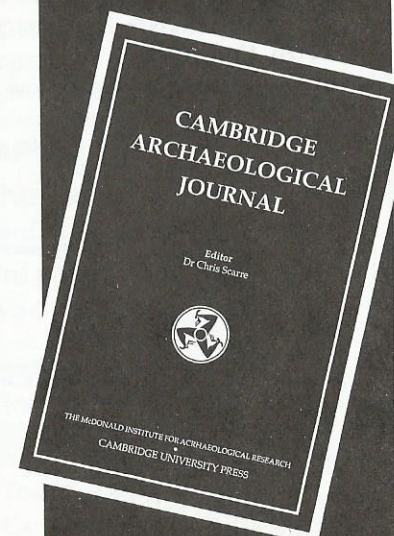
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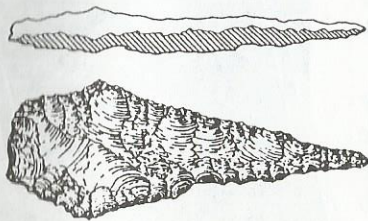
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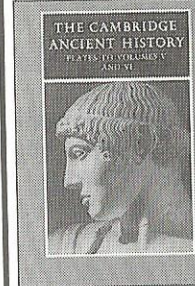
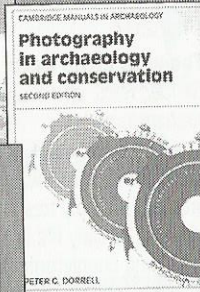
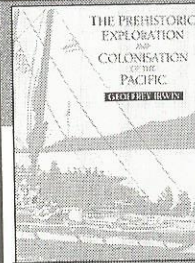
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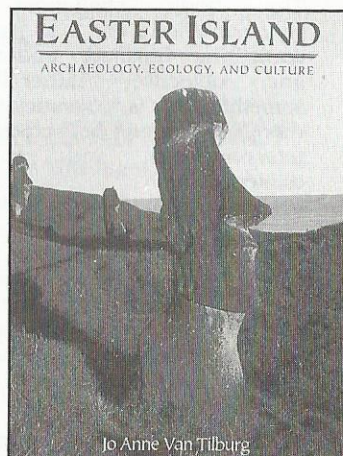
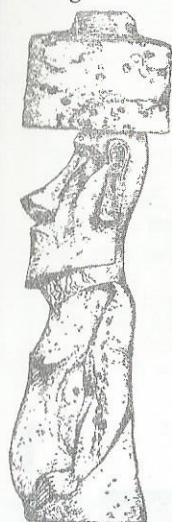
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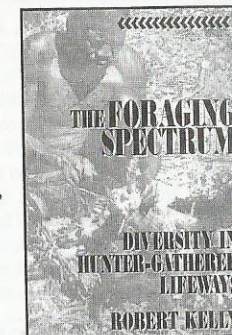
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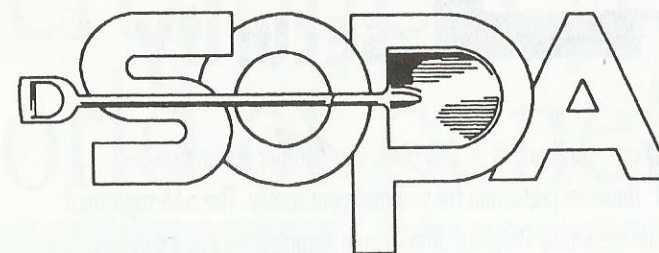
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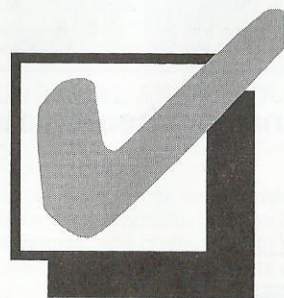
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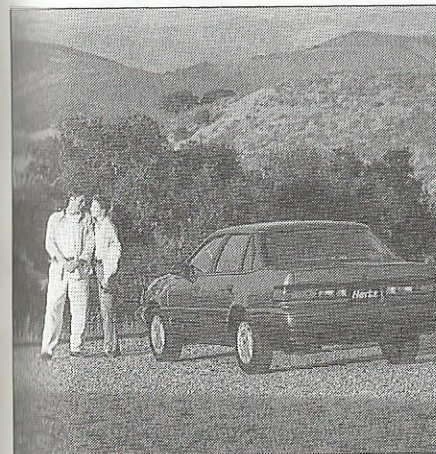
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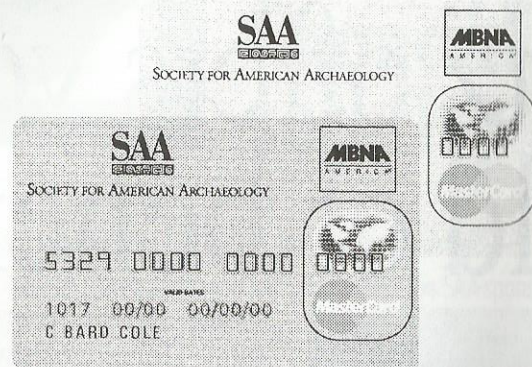
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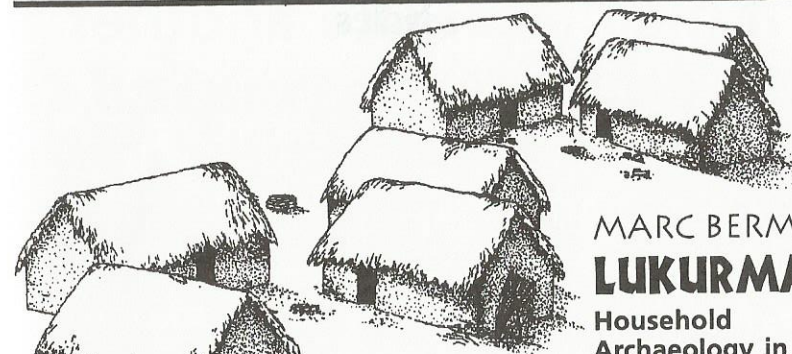
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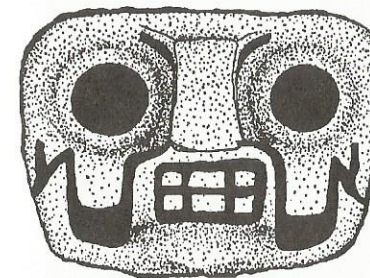
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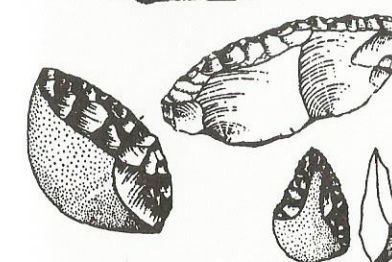
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