

PROGRAM

*Thirty-second
Annual Meeting*

American Association of Physical Anthropologists

*Twenty-eighth
Annual Meeting*

Society for American Archaeology

May 2, 3, 4, 1963

The University of Colorado
Boulder

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HOST

THE UNIVERSITY OF COLORADO

Department of Anthropology

University Museum

with the collaboration of

Boulder Chapter, Colorado Archaeological Society

Denver Museum of Natural History

SCHEDULE

WEDNESDAY, MAY 1, 1963

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PROGRAM COMMITTEES

AAPA	SAA
Jack Kelso, <i>Chairman</i>	Robert Lister, <i>Chairman</i>
Sheilagh T. Brooks	Roy L. Carlson
George Ewing	Arnold Withers
	H. M. Wormington

LOCAL ARRANGEMENTS COMMITTEE

David Breternitz	Hugo Rodeck
George Ewing	Omer Stewart
Dorothea Kaschube	

THURSDAY MORNING

MAY 2

University Memorial Center

8:00-5:00 Registration, Foyer

9:00 Opening Session, Center Ballroom

Presiding: Robert H. Lister, Chairman
Department of Anthropology
University of Colorado

Welcome: Quigg Newton, President
University of Colorado

Response:
Carleton S. Coon, President
American Association of
Physical Anthropologists

David A. Baerreis, President
Society for American Archaeology

THURSDAY MORNING

MAY 2

University Memorial Center

Music Lounge

AAPA: GROWTH

Chairman: Marshall T. Newman, *Portland State College*

9:40 Ladislav P. Novak, *University of Minnesota*
Creatinine Excretion in Adolescents; The Significant Differences in Age and Sex.

10:00 Bertram L. Hanna and Vijai K. Moses, *Indiana University Medical Center*
Regressions of Intra-Pair Morphologic Differences on Age and Size on Concordant and Discordant Twins.

10:20 Francis E. Johnston, *Univ. of Pennsylvania and Philadelphia Center for Research in Child Growth*
Relationship Between Certain Growth Variables and Chronological and Skeletal Age.

10:40 Coffee

11:00 Marshall T. Newman, Carlos Collozos and Carmen de Fuentes, *Portland State College and Institute of Nutrition, Lima, Peru*
Physical and Clinical Changes in Vicos Quechua Boys with Improved Dietary Status.

11:20 Albert A. Dahlberg, Shigeo Kobayashi and Kinai Tomita, *Univ. of Chicago*
Comparison of Dental Traits in Different Age Groups Within the Same Populations.

11:40 Roy M. Acheson and Gillian B. Fowler, *Yale University School of Medicine*
Between and Within Family Differences in Children's Growth in a Welch Mining Community and a Comparison Group.

THURSDAY MORNING

MAY 2

University Memorial Center

Forum Room

SAA: ARCHAEOLOGY OF THE SOUTHWESTERN UNITED STATES: I

Chairman: Douglas Osborne, *National Park Service*

9:30 J. Richard Ambler and Alexander J. Lindsay Jr., *Museum of Northern Arizona*
Recent contributions to the Understanding of the Prehistory of the Glen Canyon Basin.

10:00 James Neely, *Museum of Northern Arizona*
The Museum of Northern Arizona Monument Valley Survey.

10:30 Alan P. Olson, *Museum of Northern Arizona*
Excavations at Houck, East Central Arizona.

11:00 Alfred E. Dittert Jr., Frank W. Eddy, and Beth L. Dickey, *Laboratory of Anthropology*
Evidences of Early Ceramic Phases in the Navajo Reservoir District.

11:30 Stewart L. Peckham, *Museum of New Mexico*
Ceramic Sequences in the Chuska Valley, Northwestern New Mexico.

West Ballroom

SAA: ARCHAEOLOGY OF THE WESTERN UNITED STATES: I

Chairman: Fred Wendorf, *Laboratory of Anthropology*

9:30 Waldo R. Wedel, *United States National Museum*
Cultural Stratification at the Lamb Spring Site, Colorado.

10:00 George A. Agogino, *Baylor University*
A Reevaluation of the Torrington, Wyoming Paleo-Indian Skeletons.

10:30 William G. Buckles, *University of Colorado*
A Stratified Petroglyph Site in Northeastern Wyoming.

11:00 George C. Frison, *Laramie, Wyoming*
Spring Creek Cave, Wyoming.

11:30 David Gebhard, *University of California, Santa Barbara*
Horned Owl Cave, Laramie Mountains, Wyoming.

THURSDAY MORNING

MAY 2

University Memorial Center
Room 336

SAA: ARCHAEOLOGY OF MESOAMERICA

Chairman: Ignacio Bernal, *Institute Nacional de Antropología e Historia, Mexico*

- 9:30 Cynthia Irwin Williams, *Princeton University*
Association of Artifacts with Extinct Fauna in the Valsequillo Region, Puebla, Mexico.
- 10:00 Jeremiah F. Epstein, *University of Texas*
The Axtev Core-Blade Industry at Tlatelolco.
- 10:30 Gareth W. Lowe and Thomas A. Lee, Jr.,
Brigham Young University
The Archaeological Situation of the Izapa Sculptures.
- 11:00 David M. Pendegast, *University of Utah*
1963 Excavations in Central Cayo District, British Honduras.
- 11:30 Terence Grieder, *University of Texas*
Representation of Space and Form in Maya Painting on Pottery.

Room 422

SAA: ARCHAEOLOGY OF THE SOUTHERN UNITED STATES

Chairman: Douglas W. Schwartz, *University of Kentucky*

- 9:30 William J. Bryant, *William L. Bryant Foundation*
Radiocarbon Dating of a Viviparas Shell Midden —A Case Study.
- 10:00 John W. Griffin, *National Park Service*
Recent Excavations at Russell Cave National Monument.
- 10:30 Sherwood M. Gagliano, *Louisiana State University*
Occupation Sequence at Avery Island: An Early Salt Site in South Louisiana.
- 11:00 David H. Kelley, *Texas Technological College*
Further Excavations in the Berclair Terrace, Texas.
- 11:30 Milton B. Newton Jr., *Pharr, Texas*
A Summary of Reconnaissance on Arroyo Los Olmos, Starr County, Texas.

THURSDAY AFTERNOON

MAY 2

University Memorial Center
Music Lounge

AAPA: MORPHOLOGICAL VARIATION AND EVOLUTION

Chairman: T. Dale Stewart, *U.S. National Museum*

- 1:20 T. Dale Stewart, *U.S. National Museum*
Some Observations on Lower Jaws from Mauer to Modern Man.
- 1:40 William M. Bass, *University of Kansas*
The Early Inhabitants of Hasanlu, Iran.
- 2:00 Janet A. Hartle, *State University of South Dakota*
The Central Asiatic Mongol: An Analysis of Critical Facial Features.
- 2:20 Lawrence Oschinsky, *National Museum of Canada*
Negro Origins and the Kenya Capsian.
- 2:40 J. Lawrence Angel, *Smithsonian Institution*
Tranquillity Skeletons: Early Man in California.

3:00 Coffee

- 3:20 Sheila T. Brooks, *Physiology Dept., Univ. of California, Berkeley*.
Population Dynamics of Archaeological Sites in the San Francisco Bay Region.
- 3:40 J. E. Anderson, *University of Toronto*
Osteological Analysis of an Historic Onondaga Cemetery.

- 4:00 Albert E. Casey and Roberta B. Franklin, *Mem. Inst. of Pathology, and Depts. of Pathology, Med. College of Alabama & Birmingham Baptist Hospitals*
Peoples Cranially Similar to the Koger's Isle Alabamans of c200 — c1200 A.D.

- 4:20 Marcus Goldstein, *Nat'l Inst. of Mental Health, Bethesda, Md.*
Morphological Observations on Texas Indian Skeletal Remains.

THURSDAY AFTERNOON

MAY 2

University Memorial Center

Forum Room

SAA: SYMPOSIUM: TULE SPRINGS, NEVADA

Chairman: H. M. Wormington, *Denver Museum of Natural History*

2:00-5:00

Charles E. Rozaire, *Nevada State Museum*
Background of Previous Work done at Tule Springs.

H. C. Smith, *Los Angeles, California*
Engineering Construction Procedures and the Use of Heavy Equipment in Archaeological Investigations.

Margaret L. Susia, *University of California, Los Angeles*
Archaeological Surface Survey of the Tule Springs Area.

Vance Haynes, *University of Arizona*
Geology of the Tule Springs Site.

John E. Mawby, *University of California, Berkeley*

Fossil Vertebrates of the Tule Springs Site.
Paul S. Martin and Peter J. Mehringer Jr.,

University of Arizona

Pollen Analysis at Tule Springs.

Richard Shutler Jr., *Nevada State Museum*
Tule Springs: Archaeology and Interpretation.
Alex D. Krieger, *University of Washington*
Summary of Papers and Implications to Early Man in the Western Hemisphere.

West Ballroom

SAA: ARCHAEOLOGY OF THE CENTRAL AND EASTERN UNITED STATES: I

Chairman: Carlyle Smith, *University of Kansas*

- 2:00 Don W. Dragoon, *Carnegie Museum*
Early Lithic Complexes of the Ohio Valley.
2:30 Richard O. Keslin, *University of Michigan*
The Holcombe Site: A Paleo-Indian Camp in Michigan.
3:00 Melvin L. Fowler, *Southern Illinois University*
The Mitchell Site, Madison County, Illinois.
3:30 William A. Ritchie, *New York State Museum*
The Current Status of Settlement Pattern Studies in the Northeast.

THURSDAY AFTERNOON

MAY 2

University Memorial Center
Room 336

SAA: ARCHAEOLOGY OF THE CARIBBEAN AND SOUTH AMERICA

Chairman: Alfred V. Kidder II, *University of Pennsylvania*

- 2:00 Adelaide K. Bullen and Ripley P. Bullen,
University of Florida
Culture Periods on Grenada, West Indies.
2:30 Charles A. Hoffman Jr., *University of Arizona*
Archaeological Investigations in the Leeward Islands, W. I.
3:00 Irving Rouse and Ricardo E. Alegria, *Yale University and Instituto de Cultura Puertorriqueña*.
Recent Radiocarbon Dates from the West Indies.
3:30 Gary S. Vescelius, *Cornell University*
Huari Coto, A Formative Epoch Site in the Callejon de Huaylas (Peru).
4:00 Donald W. Lathrap and Michael Harner,
University of Illinois and University of California, Berkeley
A Polychrome Ceramic Complex in the Central Ucayali Basin.

Room 422

SAA: ARCHAEOLOGICAL METHOD AND THEORY: I

Chairman: Watson Smith, *Peabody Museum West of the Pecos*

- 2:00 John L. Sorenson, *Brigham Young University*
Some Uses of Theory in Archaeology.
2:30 Frank Hole, *Rice University*
Archaeological Stages and Ethnological Types.
3:00 Arthur H. Rohn, *National Park Service*
Postulation of Socio-Economic Groups from Archaeological Evidence.
3:30 Lawrence O. Anderson, *Brigham Young University*
A Pilot Study in the Application of Electronic Computers in the Analysis of Ceramics, Part I: Classification Code and Mechanics.
4:00 Ray T. Matheny, *University of Oregon*
A Pilot Study in the Application of Electronic Computers in the Analysis of Ceramics, Part II: Results.

THURSDAY EVENING

MAY 2

University Memorial Center

Glenn Miller Ballroom

8:00 Banquet

9:00 Albert C. Spaulding, *National Science Foundation*
Current Concepts in Prehistoric Research.

Music Lounge

10:15 AAPA: Films

W. Montague Cobb, *Howard University*
An Introduction to Comparative Dental Anatomy.
Carol Welt, *University of Wisconsin*
Behavioral Development of an Infant Gibbon.

FRIDAY MORNING

MAY 3

University Memorial Center

Music Lounge

AAPA: PRIMATES

Chairman: F. Clark Howell, *University of Chicago*

9:00 Daris R. Swindler, *Medical College of South Carolina*
The Maxillary Incisors in Several Groups of Non-Human Primates.

9:20 Harriet Ann McCoy, *Medical College of South Carolina*
Arterial Variability of the Carotid Pattern in the Rhesus Monkey (*Macaca mulatta*)

9:40 Charles R. Noback, *Columbia University*
Neuroanatomical Correlates Associated with the Phylogenetic Shift in the Orbital Axis of Primates.

10:00 William E. Edwards, *University of South Carolina*
The Strength Testing of Five Chimpanzee and Seven Human Subjects.

10:20 Coffee

10:40 Morris Goodman, *Wayne State University College of Medicine*
Serological Analysis of the Systematics of Recent Hominoids.

11:00 S. L. Washburn, *University of California, Berkeley*
Behavior and the Classification of the Primates.

11:20 Carol Welt and W. I. Welker, *University of Wisconsin*
Postural and Locomotor Development of a Gibbon (*Hylobates lar*).

11:40 James A. Gavan and Daris R. Swindler, *Univ. of Florida and Medical College of South Carolina*
A Growth Rate in Some Preadult Primates.

FRIDAY MORNING

MAY 3

University Memorial Center
Forum Room

SAA: SYMPOSIUM: POLLEN AND PREHISTORY

Chairman: Estella B. Leopold, *U.S. Geological Survey*
9:30-12:00

- Frank Oldfield, *Laboratory of Anthropology*
The Changing Role of Pollen Analysis in
British Archaeology.
- Richard H. Hevly, *University of Arizona*
Climatic and Cultural Patterns of East-Central
Arizona, 3rd to 15th Centuries A.D.
- Peter J. Mehringer Jr., *University of Arizona*
Pollen Analysis of the Lehner Ranch Arroyo,
Southeastern Arizona — A Preliminary Report.
- Ursula M. Cowgill, *Yale University*
Vegetational Change and Geochemical
Archaeology in the Southern Maya Lowlands.
- James Schoenwetter, *Southern Illinois University*
A Look at Paleocological Inquiry in Archaeology.
- Paul S. Martin, *University of Arizona*
What Can the Archaeologist Believe?
- Estella B. Leopold, *U.S. Geological Survey*
Summation.

West Ballroom

**ASA: ARCHAEOLOGY OF THE
SOUTHWESTERN UNITED STATES: II**

Chairman: Edward B. Danson, *Museum of
Northern Arizona*

- 9:30 Ralph A. Luebben, *Arizona State College*
A Small Pueblo Cave Structure, Valles Mountains,
New Mexico.
- 10:00 Bertha P. Dutton, *Museum of New Mexico*
Las Madres in Light of Anasazi Migrations.
- 10:30 Arthur J. Jelinek, *University of Michigan*
The Eastern Range of the Southwestern Cultural
Pattern.
- 11:00 Raymond H. Thompson, *University of Arizona*
Multiple Cross Dating in Southwestern
Archaeology.
- 11:30 David M. Brugge, *Gallup, New Mexico, Navajo
Land Claims*
Navajo Pottery and Ethnohistory.

FRIDAY MORNING

MAY 3

University Memorial Center
Room 336

**SAA: ARCHAEOLOGY OF NORTHERN
NORTH AMERICA: I**

Chairman: William Mayer-Oakes, *University of
Manitoba*

- 9:30 Glenda F. Boyd and Allen P. McCartney,
University of Wisconsin
Eastern Aleutian Prehistory: An Analysis of
Chaluka Midden, Umnak Island
- 10:00 Jean Aigner, *University of Wisconsin*
Aleut Art Forms Reflected in Chaluka.
- 10:30 Donald W. Clark and William P. McHugh,
University of Wisconsin
Archaeological Investigations on Kodiak Island,
Alaska, 1961-62.
- 11:00 D. E. Dumond, *University of Oregon*
A Note on the Prehistory of Southwestern Alaska
as Viewed from the Naknek Drainage, Alaska
Peninsula.
- 11:30 William N. Irving, *University of Wisconsin*
Public Architecture and Community Pattern in
Interior Northern Alaska.

Room 422

**SAA: ARCHAEOLOGY OF THE WESTERN
UNITED STATES: II**

Chairman: Jesse D. Jennings, *University of Utah*

- 9:30 Harold A. Huscher, *River Basin Surveys*
Intermontane Athapaskan Continuities.
- 10:00 Robert C. Euler, *University of Utah*
Southern Paiute Archaeology.
- 10:30 Richard H. Brooks, *University of Colorado*
An Interpretation of Polished, Split Bone from
Tule Springs, Nevada.
- 11:00 Earl H. Swanson Jr., *Idaho State College*
The Excavations at Birch Creek in Eastern Idaho.

FRIDAY AFTERNOON

MAY 3

University Memorial Center
Center Ballroom

AAPA and SAA: JOINT SYMPOSIUM
ORIGINS OF MONGOLOIDS AND
ESKIMO-ALEUT CULTURES

Chairman: William S. Laughlin, *University of Wisconsin*

1:30-4:00

Robert F. Black, *University of Wisconsin*
Pleistocene History of Bering Sea-Alaska Coast
and Man.

William G. Reeder, *University of Wisconsin*
Ecological Background of Aleut and Konyag
Communities.

Christy Turner, *University of Wisconsin*
Two Carbon 14 Dates Circa 8000 BP and
Associated Core and Flake Industry from the
Aleutian Islands.

Charles F. Merbs, *University of Wisconsin*
Patterns and Pathology in Eskimos and Aleuts.
Carter Denniston, *University of Wisconsin*
The Blood Groups of Three Koniag Isolates.
William S. Laughlin, *University of Wisconsin*
Origins of Mongoloids and Eskimo-Aleut
Cultures: Synthesis.

Music Lounge

4:00 Annual Business Meeting of the American
Association of Physical Anthropologists
Forum Room

4:00 Annual Business Meeting of the Society for
American Archaeology
Persian Room

4:00 Coffee for Wives of Members and Those not
Participating in Business Meetings

FRIDAY EVENING

MAY 3

Harvest House Hotel
Fifth Floor

6:30 Reception

SATURDAY MORNING

MAY 4

University Memorial Center
Music Lounge

AAPA: STRATEGY, TECHNIQUES AND
APPLICATIONS: I

Chairman: Russell W. Newman, *U.S. Army Research
Instit. of Environmental Medicine*

9:00 Edward I. Fry, Joyce Wike and Preston Holder
University of Nebraska
The Newer Physical Anthropology and the
Skeleton in the Closet.

9:20 Mark L. Papworth, Wells A. Shulls, and Charles
J. Norton, *University of Colorado*
Fossil Proteins and Immunochemical Specificity.

9:40 Edmund Churchill, *Antioch College*
The Modern Computer and Physical
Anthropology.

10:00 Steven G. Vandenberg, *University of Louisville,
Kentucky*
A Survey of Factor Analytic Studies of
Anthropometric Measures.

10:20 Coffee

10:40 Alice M. Brues, *Univ. of Oklahoma School of
Medicine*
Further Contributions to the Problem of ABO
Blood Group Polymorphism.

11:00 Russell W. Newman, *U.S. Army Research Instit.
of Environmental Medicine*
A Simplified Technique for Assembling Cold
Acclimatization.

11:20 Albert Damon, *Harvard School of Public Health*
Constitution and Alcohol Consumption. Physique.

11:40 Peter Kunstadter, Frederick F. Stephan and
Charles F. Westoff, *Princeton University*
Demography and Prescriptive Patterns of
Marriage.

SATURDAY MORNING

MAY 4

University Memorial Center

Forum Room

SAA: PANEL DISCUSSION: THE MEANING OF
HISTORIC SITES ARCHAEOLOGY

Chairman: John L. Cotter, *National Park Service*

Recorder: Bernard Fontana, *Arizona State Museum*

9:30-12:00

Participants:

Lewis R. Binford, *University of Chicago*

Historic Sites: Keys to the Investigation of Time
Depth Cultural Process.

Louis R. Caywood, *National Park Service*

The Use of Documentary Sources in the
Identification of Historic Sites.

Henry Hornblower II, *Plimoth Plantation*

Historic Sites Archaeology at Plimoth Plantation.

Stephen L. Glass, *University of Kansas*

Historic Sites Archaeology in the Classical Field.

Kenneth E. Kidd, *Royal Ontario Museum*

Historic Sites Archaeology in Ontario.

Edward Larrabee, *Columbia University*

The Professional Standing of Historic Sites
Archaeology.

Carlyle Smith, *University of Kansas*

Firearms Identification in Historic Archaeology.

Arthur Woodward, *Patagonia, Arizona*

Sources for the Study of Historic Archaeology.

SATURDAY MORNING

MAY 4

University Memorial Center

West Ballroom

SAA: ARCHAEOLOGY OF THE SOUTHWESTERN
UNITED STATES AND NORTHERN MEXICO

Chairman: Charles C. DiPeso, *Amerind Foundation*

9:30 Daniel Wolfman, *University of Colorado*
Recent Excavations at Picuris Pueblo.

10:00 Herbert W. Dick, *Adams State College*
The Place of Picuris in Southwest Archaeology.

11:30 Richard B. Woodbury, *University of Arizona*
The Ancient Fields of Zia Pueblo, New Mexico.

11:00 Rex E. Gerald, *El Paso Centennial Museum*
An El Paso Phase Pueblo near Samalayuca,
Chihuahua.

11:30 Arnold Withers, *University of Denver*
Rock Check Dams in the Northern Sierra Madre,
Chihuahua, Mexico.

SATURDAY MORNING

MAY 4

University Memorial Center
Room 336

SAA: ARCHAEOLOGY OF NORTHERN
NORTH AMERICA: II

Chairman: Charles E. Borden, *University of British Columbia*

- 9:30 John M. Campbell, *George Washington University*
Avingak: An Inland Link Between the Denbigh Flint Complex and Ipiutak.
- 10:00 Robert E. Ackerman, *Washington State University*
The Arctic Notched Point Tradition.
- 10:30 Norman F. Barka, *Harvard University*
The Excavation of Sturgeon Fort (1776-1780), Saskatchewan, Canada.
- 11:00 James H. Howard, *University of North Dakota*
Archaeological Work at the Fortress of Louisbourg, Nova Scotia, Summer of 1962.

Room 422

SAA: ARCHAEOLOGY OF THE CENTRAL AND EASTERN UNITED STATES: II

Chairman: James B. Griffin, *University of Michigan*

- 9:30 James J. Hester and James M. Warnica, *Museum of New Mexico*
Blackwater Locality No. 1 — Revisited
- 10:00 Warren W. Caldwell, *Missouri Basin Project*
Fortified Villages in the Northern Plains
- 10:30 Dee C. Taylor, *Montana State University*
Some Aspects of Northwestern Plains Prehistory.
- 11:00 Marshall McKusick, *State University of Iowa*
River Drainage and Cultural Distributions in Prehistoric Iowa.

SATURDAY AFTERNOON

MAY 4

University Memorial Center
Music Lounge

AAPA: STRATEGY, TECHNIQUES AND APPLICATIONS: II

Chairman: Richard G. Snyder, *Civil Aeromedical Research Inst., F.A.A.*

- 1:20 Neil C. Tappen, *Tulane University*
Theories of the Causes of Split-Line Orientation in Bone.
- 1:40 D. Hoefnagel, K. Benirschke, Fred H. Allen, Jr. and J. Mavalwala, *Dartmouth Medical School; Blood Grouping Laboratory, Boston*
Dermatoglyphics in Anthropology and Medicine.
- 2:00 Jamshed Mavalwala, D. R. Swindler, and E. E. Hunt, Jr., *Blood Grouping Lab., Boston; Medical College of South Carolina; Forsyth Dental Infirmary, Boston*
Finger Prints of the West Nakanai of New Britain.
- 2:20 Beckett Howorth, *Greenwich, Connecticut*
General Relaxation of Ligaments.
- 2:40 Paul T. Baker and Joel M. Hanna, *Pennsylvania State University*
Cultural and Genetic Factors in the Hand Temperatures of Andean Indians.
- 3:00 Clyde Snow, *Civil Aeromedical Research Institute, F.A.A.*
Human Factors in Aircraft Crash Investigations.
- 3:20 Robert M. White, *Quartermaster Research and Engineering Center, U.S. Army*
Military Anthropometry in Thailand.
- 3:40 Richard G. Snyder, *Civil Aeromedical Research Institute, F.A.A.*
Infanticide and Aurora 7: Aeromedical Anthropological Research in Extreme Human Deceleration.
- 4:00 Gabriel W. Lasker, *Wayne State University College of Medicine*
Physical Anthropology: Some Areas of Concern.
(Read by Title.)

SATURDAY AFTERNOON

MAY 4

University Memorial Center

Forum Room

SAA: SYMPOSIUM: SAMPLING PROCEDURES
IN ARCHAEOLOGY

Chairman: Albert C. Spaulding, *National Science Foundation*

2:00-5:00

Lewis R. Binford, *University of Chicago*
A Consideration of Archaeological Research Design.

Howard D. Winters, *University of Virginia*
Settlement Systems and Settlement Patterns: A Functional Model.

William A. Longacre, *University of Chicago*
Probability Sampling Applied to Archaeological Surface Survey.

James A. Brown, *Illinois State Museum*
The Use of Computers in Archaeological Research.

Paul S. Martin, *Chicago Natural History Museum*
Probability Sampling and Archaeological Theory.

West Ballroom

SAA: ARCHAEOLOGY OF THE WESTERN UNITED STATES: III

Chairman: Paul J. F. Schumacher, *National Park Service*

- 2:00 B. Robert Butler, *Idaho State College*
The Edge-Ground Cobble Complex in Western Prehistory.
- 2:30 David L. Cole, *University of Oregon*
Excavations at the Wildcat Canyon Site, Oregon.
- 3:00 Robert E. Greengo, *University of Washington*
Time and Culture in the Pacific Northwest.
- 3:30 B. K. Swartz Jr., *University of Arizona*
Survey and Excavation, Lava Beds National Monument, California.

SATURDAY AFTERNOON

MAY 4

University Memorial Center

Room 336

SAA: ARCHAEOLOGY OF THE CENTRAL AND EASTERN UNITED STATES: II

Chairman: Frederick Johnson, *R. S. Peabody Foundation*

- 2:00 James L. Swauger, *Carnegie Museum*
Recurrent Designs at Petroglyph Sites in the Upper Ohio Valley.
- 2:30 Frederick R. Matson, *Pennsylvania State Museum*
The Shell Tempering of Pottery.
- 3:00 Robert W. Neuman, *Missouri Basin Project*
Check Stamping on the Great Plains.
- 3:30 James W. Porter, *Southern Illinois University*
Thin Section Analysis of Midwestern Prehistoric Ceramics: Preliminary Report.

Room 422

SAA: ARCHAEOLOGICAL METHOD AND THEORY: II

Chairman: Erik K. Reed, *National Park Service*

- 2:00 Henry T. Irwin, *Harvard University*
Typology of Paleo-Indian Artifacts
- 2:30 Joffre L. Coe, *University of North Carolina*
Projectile Point Analysis and the Seriation Technique.
- 3:00 E. Mott Davis, *University of Texas*
Science and "Show Biz" in Educational Motion Pictures.
- 3:30 Virginia Gould Gerald, *Dayton Museum of Natural History*
The Phenomenon of Cultural Lag.
- 4:00 James N. Hill, *University of Chicago*
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GENERAL INFORMATION

REGISTRATION

It is requested that everyone attending the meetings register upon arrival. Registration will be conducted at the Harvest House Hotel on Wednesday evening, May 1, 6-10 p.m., and at the University Memorial Center on Thursday, May 2, from 8:00 a.m. to 5 p.m. The registration fee is \$2.00. Tickets for the banquet should be purchased at the time of registration.

ABSTRACTS

Abstracts of papers may be purchased at the registration desk for \$1.00.

HOUSING

The Harvest House Hotel will serve as headquarters for the meetings. The reception on Friday evening, May 3, will be held there. All other planned events will take place, however, at the University Memorial Center on the campus. Convenient motels are the Boulder Travelodge, Crestwood Motel, Golden Buff Motel, Holiday Inn, and Skyland Motel.

DENVER-BOULDER TRANSPORTATION

Transportation from Denver to Boulder may be by either bus or taxi. The Denver-Boulder Bus Co. runs busses approximately every hour from the Greyhound Bus Depot in downtown Denver (running time, 45 minutes, one-way fare, \$1.00). Limousine or taxi service from the airport to the bus depot is available. Taxi service between the Denver Airport and Boulder is approximately \$13.00. Several persons could share the cost. A local travel information desk will be in operation at the Denver Airport for those coming to the meetings the afternoon and evening of Wednesday, May 1, and the morning of Thursday, May 2.

LOCAL TRANSPORTATION

Several station wagons will be available during the meetings to transport members between the Harvest House Hotel and the University Memorial Center in Boulder.

PARKING FACILITIES

Permits for use of University parking lots during the meetings may be obtained at the registration desk.

BABY SITTERS

The Ellis Sitter Service, 442-6441, is a licensed and bonded agency. University co-eds who do baby sitting may be contacted by calling the Office of Financial Aid on the campus, 443-2211, ext. 6281.

MEALS

Lunches may be obtained at the Indian Grill and Cafeteria in the University Memorial Center, or at one of the restaurants in the area. Gaylords and the Blue Danube are within walking distance just west of the University. Furr's Cafeteria is north of the Harvest House Hotel in the Cross Roads Shopping Center.

COFFEE

Coffee will be available for conference participants without charge throughout the meetings in the Hall of Man in the University Museum, just west of the University Memorial Center.

SPECIAL EVENTS

THURSDAY EVENING

- 8:00 Banquet in the Glenn Miller Ballroom, University Memorial Center. Tickets, \$3.85, should be obtained at the time of registration.
9:00 Current Concepts in Prehistoric Research by ALBERT C. SPAULDING, *National Science Foundation*. Those not attending the Banquet are also invited to hear this address.

FRIDAY EVENING

- 6:30 Reception on the fifth floor of the Harvest House Hotel.

SPECIAL EXHIBITS

A Pictorial Review of the Archaeology of Colorado and Environs and special archaeological exhibits in the University Memorial Center.

Earl Morris, Pioneer Southwestern Archaeologist. Lobby, University Museum.

Early and Contemporary Navajo Textiles. Lobby of Chemistry Bldg. just north of the University Memorial Center.

Northern Plains Indians Material from the H. W. Case Collection. Chemistry Bldg.

TOURS

Arrangements for tours of the Rocky Mountains can be made at the registration desk.

FILMS

An introduction to Comparative Dental Anatomy, W. MONTAGUE COBB, *Howard University*
Behavioral Development of an Infant Gibbon, CAROL WELT, *University of Wisconsin*
Both films will be presented the evening of Thurs., May 2, at 10:15 p.m. after the Banquet and address.

MUSEUMS

University of Colorado Museum, located just west of the University Memorial Center.

Denver Museum of Natural History, City Park, Denver.

Chappell House, 1300 Logan St., Denver. American Indian Arts and Crafts. Art of Africa.