

Federal ARCHEOLOGY Report

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**National Park Service
Cultural Resources Programs**

Training in 1992

By Emogene A. Bevitt and Richard C. Waldbauer

This is the second annual training issue of the Federal Archeology Report to incorporate excerpts from the directory produced for CRM, the National Park Service journal on cultural resources management information for parks, Federal agencies, Indian Tribes, States, local governments, and the private sector. The directory is based upon a nationwide survey of cultural resources training opportunities that are available to people concerned about improving historic preservation programs and activities. In this issue of the REPORT most of the training opportunities listed are taken from the CRM directory, and those selected are the ones most likely to be of interest to people involved with archeological preservation programs.

The NPS Training Survey

Copies of last year's *CRM Bulletin* training directory (Special Issue, September 1990) were distributed to that publication's basic mailing list, which contains the names of approximately 4,000 people from Federal agencies, State and local governments, universities and colleges, and private preservationists. Notices regarding the availability of the training directory also appeared in the *US/ICOMOS Newsletter*, *SIA Newsletter*, *APT Communique*, *AASLH History News Dispatch*, *Smithsonian Staff Bulletin*, *Federal Archeology Report (REPORT)*, *Alliance Review*, and the *National Park Service (NPS) Courier*.

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**National Park Service, Southeast Region
Interagency Archeological Services Division**

Public Interpretation Initiative

By John H. Jameson, Jr.

The Public Interpretation Initiative was developed by the National Park Service Interagency Archeological Services Division, Southeast Region, in response to the growing public interest in archeology, and out of the realization within the professional community that archeologists can no longer afford to be detached from the mechanisms and programs that attempt to communicate archeological information to the lay public. The Initiative helps to accomplish the goals set by Secretary of the Interior Manuel Lujan, Jr. in his March 20, 1990, statement of a national strategy for Federal archeology. In this he outlined basic elements of the national strategy for the preservation of archeological sites, which emphasize public education and participation as well as interagency information exchange. The Initiative also helps to accomplish Section 10 (c) of the Archaeological Resources Protection Act that requires each Federal land manager to "establish a program to increase public awareness of the significance of the archeological resources located on public lands and Indian lands and the need to protect such resources."

Introduction

Many current efforts in the public interpretation of archeological sites fail to use the information generated by archeological and archival research. This is due in large part to inherent differences in perspective between archeologists

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TRAINING IN 1992

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A telephone sampling poll of agencies and institutions listed in last year's directory, showed that several had experienced a significant increase in the number of inquiries about course availability and an increase in course enrollments. Some enrollments were higher by 10% to 20%. It is clear that many people need information on existing training.

The survey for this year's directory (1991-1992) again was conducted through mailed requests for information sent to approximately 700 people in Federal, State, and local government agencies, universities, organizations, and other educational institutions. Each package, sent in Spring 1991, included a letter of explanation and a one-page survey form. The form also was reproduced in a recent issue of *CRM*. This year's survey form asked for more precise information about course dates and locations as well as final course titles. A question about costs was included, and index categories were expanded to more readily identify course work in both curatorial and documentary treatments.

The percentage of responses was significant, representing 37 States and the District of Columbia. While it may be noted that there are fewer entries for this year's directory, several courses are offered tuition-free or at only minimal cost. Thus, even with smaller training budgets it is possible to plan a training schedule for the upcoming year that is not costly but still meets employee development needs.

The Training Directory for 1992

The training directory is a useful tool for identifying workshops, courses, seminars, and other short classes in cultural resources management topics sponsored in the United States from October 1991 through December 1992. The most significant change in this year's directory is in the section on university and college course listings. Last year's directory included only those courses from schools that responded to the survey and that could be taken on a continuing education basis. Continuing education programs typically are oriented toward professional skills development or adult self-enhancement. As such, they attract people who are interested in specific topics, and individuals

may apply for single courses without having previously enrolled in a formal degree-granting program. However, based on advice from Michael Tomlan, Chair, National Council for Preservation Education, it was decided that listing courses in this way could misrepresent information.

There are currently six undergraduate and 12 graduate programs in preservation as well as the 23 graduate programs in allied disciplines with a specialization in preservation offered in 30 States and the District of Columbia. Tomlan observed that virtually every college or university will allow individuals to audit a course or take an individual course without being enrolled as a full-time student in a degree-granting program. Thus, including listings from five

or six programs of individual colleges, that is those that responded to the survey, would misrepresent the other 30 or 40 programs. A separate directory is under development for next year that will include more extensive information about college programs.

The directory shows trends in training themes. For instance, there is a growing awareness of the need to interpret cultural resources and to include cultural resource interpretation as another teaching skill avail-

able to educational curriculum development. For example, the course "Issues in Public Interpretation of Archeological Materials and Sites" is part of the interpretation initiative of the NPS Southeast Region Archeological Assistance Program, and it is coordinated with a series of symposia, conferences, and a forthcoming publication. Principal objectives of this coordinated effort are to explore the peculiar problems associated with the interpretation of technical archeological information and to present a broad diversity of situations and solutions. The directory provides a thematic perspective to this kind of multidisciplinary training and facilitates systematic skills development within a specified time.

Other trends include an increased number of courses directed toward improving the care of museum collections, which require curatorial programs, management objectives, proper facilities, and public involvement. Several listings illustrate both a sophistication of training needs as well as a diversity in training audiences. There is more being done to offer training for teachers to enable them to introduce information on "Heritage Education" at elementary and high school levels. In fact, "hands-on" is a phrase that crops up again and again. Course work stressing practical applications and problem solving is among the



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most successful in communicating principles of cultural resources management.

The directory can be used by training developers to look for needs that currently are not being met. It is a tool to identify topics as well as to clarify the levels of training necessary to address agency-specific concerns. Frequently, a combination of available course work supplemented by agency-specific workshops or technical information will have a synergistic effect on program development. This kind of success, however, clearly requires planning by historic preservation officers and cultural resources managers. The directory is a useful tool to advertise interagency courses, which tend to be exciting for participants who are most interested in exploring mutual problems and sharing ideas for successful solutions. Also, trainers may wish to seek interagency participation simply to make it feasible to hold a course that a single agency alone could not support.

Distribution, Availability, and Next Year's Issue

In addition to *CRM* subscribers, this year's directory has been sent to more than 200 museum associations listed with the Institute of Museum Services and to nearly 100 people who phoned or wrote to request copies. A limited number of extra copies have been printed and are available for use at workshops and conferences, as well as for individual use. Single copies also have been sent to various professional journals and newsletters along with an information release to encourage these organizations (1) to let their readers know how to obtain personal copies and (2) to share this information by excerpting those entries that are discipline-specific or discipline-related.

The *CRM* training directory is a unique and important document. Its success and the continued improvement in cultural resources training are contingent upon the sharing of this information, particularly by historic preservation program managers who identify appropriate courses for their staff members to help them meet agency goals and annual work plans. By recommending specific training opportunities, historic preservation officers and cultural resources program managers can help prioritize skills development, thereby assisting in the cost-effective use of scarce training funds. We encourage use of this information and bringing courses on cultural resources management topics to the attention of possible training participants.

CRM is not copyrighted and can be reproduced without penalty. Normal procedures for credit to the authors and the NPS is appreciated. Entries for the updated directory for 1992-1993 should be submitted before June 30, 1992. For further information, contact **Emogene Bevitt, National Park Service (424/413)**, P.O. Box 37127, Washington, DC 20013-7127; telephone (202) 343-9561.

International Training Opportunities

Information on courses offered by the International Center for the Study of Preservation and Restoration of Cultural Property (ICCRUM) in Rome, Italy, commonly referred to the Rome Center, may be obtained from **Publications Assistant, Advisory Council on Historic Preservation, 1100 Pennsylvania Ave., NW., Suite 809, Washington, DC 20004; telephone (202) 786-0503.**

For information on other international training opportunities consult the published *Short Courses Abroad in Historic Preservation*, prepared by the United States Committee of the International Council on Monuments and Sites (US/ICOMOS). Copies may be requested from **US/ICOMOS, 1600 H St., NW., Washington, DC 20006; telephone (202) 842-1866.**

National Park Service Courier

The official, complete listing of courses offered by the National Park Service, primarily for its employees, is the *COURIER Special Employee Development Issue for 1992*. It covers the calendar year and may include more cultural resources management courses in addition to those listed in this directory. To request a copy, contact the **Employee Development Division, P.O. Box 37127, Washington, DC 20013-7127; telephone (202) 523-5280.**

National Park Service Cultural Resources Training Initiative

In its Fiscal Year 1991 budget, the National Park Service received an additional \$500,000 to undertake cultural resources training pursuant to Section 101(h) of the National Historic Preservation Act Amendments of 1980. The increased funding has given NPS an opportunity to expand its existing training activities to reach new audiences at the Federal, State, and local levels. There were at least 27 training activities that received funding, including the publication of the training directory in *CRM*. See listing F-36 in the *CRM Special Issue* for contact information regarding training initiative courses that may be funded in Fiscal Year 1992.



INTERPRETATION INITIATIVE (Continued from page 1)

and professional interpreters. Archeologists are armed with technical information and a desire to see that this information is appreciated by the public. Exhibit/program designers share their aspiration to communicate with the public, but also must strive to provide an uncomplicated, educational, yet entertaining program. Many archeologists have, by necessity, taken on dual roles of archeologist/technician and educator/interpreter. Greater communication is needed to insure that a readily translatable body of technical information is effectively applied by program designers in creating a format that can be easily absorbed and appreciated by the lay public.

The Public Interpretation Initiative (Initiative) is designed to facilitate communication among the various practitioners in the field, be they archeologists, interpreters, or both. The program is international in scope and includes the organization and coordination of separate symposia in three United States-based conferences: the 1990 National Association of Interpretation (NAI) Workshop, the 1991 Society for American Archaeology (SAA) meetings, and the 1992 Society for Historical Archaeology (SHA) Conference. In addition to the symposia, a 2-day pre-conference seminar, sponsored by NAI's Interpretive Management Institute (IMI), was organized for the 1991 National Interpreters Workshop. The National Park Service (NPS) is also coordinating governmentwide training courses on the subject for calendar year 1992 and beyond.

These efforts will culminate in the publication of an anthology on the subject to be entitled: *Digging for*

the Truth: The Public Interpretation of Archaeological Sites. This publication will explore the peculiar problems associated with the interpretation of technical archeological information, and will present a broad diversity of situations and experiences related to problems encountered and suggestions for their resolution. Articles will be derived largely from presentations included in the three national symposia, case studies discussed in the various seminars and training courses, and, additionally, contributed works.

Sharpening the Focus

The first Initiative effort was a session at the 1990 NAI Workshop held in November in Charleston, SC. Although the traditional emphasis of NAI has been on natural resource interpretation, there has been a growing awareness among its members that cultural, and especially archeological interpretation, is a field of expanding public concern and interest. Many in the organization realize that, as stewards of the nation's unwritten cultural heritage, they must continually strive to increase the amount of archeological site information that is available to the public. The challenge is to bring the subject into focus (Ehrenhard and Jameson 1990; Jameson 1991).

Revelations at Little Bighorn and Other Case Studies

Within the various Initiative forums there have been a number of case study presentations. Some have been unique, at least in subject matter, while others represented more common situations, but were nevertheless instructional in pointing out what has worked and what has not worked in public interpretation.

One unique experience was presented in Charleston by NPS archeologist Douglas D. Scott (1990), who described the system of public interface that was employed in 1984 for fieldwork activities and associated public interpretation program at the Custer Battlefield National Monument. Scott's presentation, entitled "Interpreting Archaeology at Custer's Last Stand," described the opportunities for public interpretation that followed a large grassfire in August 1983. The grassfire, by exposing the ground surface, made an extensive archeological investigation possible for the first time.

The public attention on the work at Little Bighorn was focused by an international media blitz that rivaled the press coverage of the original battle. NPS realized early on that there was a need for a public contact individual to deal with the overwhelming public interest and media attention, and that an imaginative system of public/media interface was mandatory as the project attempted to deal with the immediate need for interpretive feedback.

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To meet this challenge, Scott (1990) explained, the superintendent appointed a public relations coordinator to function both as a press contact and as a communication go-between for transmitting archeologists' field interpretations to the park interpreters. In order to respond to the public's curiosity three basic levels of interpretation were implemented: (1) a daily briefing with information on the types and quantities of artifact finds made was taped to the Visitors Center entrance and given to the interpreters; (2) a temporary display of a few traditional archeologists' tools, a variety of artifacts found during the investigations, photographs of field work in progress, and text to briefly explain the process was established in the Visitors Center; and (3) in-field interpretation by archeologists was scheduled by the park's staff interpreters. Small group tours 15 to 20 minutes in duration were scheduled at areas where archeologists were working, usually the site of an excavation for human remains. At these one-on-one sessions, archeologists explained that their investigation was like a crime scene investigation. Most people could easily relate to the analogy of detectives, historians in this case, interviewing victims, suspects, and witnesses, and the forensic personnel, the archeologists, gathering physical evidence for a more detailed analysis.

The public interpretation program was an opportunity for archeologists to provide visitors with a basic education on why the study of artifacts, skeletal remains, and other materials is important and what detailed scientific and forensic examinations can tell archeologists, and the public, about the people who died in the battle.

Another unique case study, also part of the Charleston NAI agenda, was presented by Sharyn Kane and Richard Keeton (1990), writers and editors, in their presentation entitled "Time and the River: Backdrop to the Human Story." This is the story of the interpretation for a general audience, by non-archeologists, of archeological and historical research conducted in the Richard B. Russell Multiple Resource Area from 1969 through 1985. The research preceded building of the Richard B. Russell Dam and Lake, a U.S. Army Corps of Engineers (COE) Project in the upper Savannah River Valley, on the Georgia-South Carolina boundary. In assembling a non-technical account of at least 11,000 years of human occupation in four counties surrounding the COE Project, emphasis in the public volume was placed on explaining the information so that it will be entertaining and easily understood, while retaining accuracy.

Kane's and Keeton's task in writing the volume was more difficult in many ways than it would have been for trained archeologists or historians with technical skills and background. Adept in the general practice of public writing on technical subjects, their writings have appeared in competitive forums such as airline and computer magazines. But,

because they were not cultural resource specialists and were unfamiliar with the world of Federal contracting, their assignment necessitated a crash course in archeological method and general practice, aided by the existing COE technical summary volumes. This unfamiliarity with technical know-how, however, gave Kane and Keeton one advantage in writing a popular history, nearly complete objectivity in viewing the COE project and its results, unencumbered by the baggage of professional biases, cultivated styles, and the emotionalism displayed by key players and experts.

More conventional, yet equally instructional experiences are provided by authors in wide ranging topics in SAA and SHA conferences and contributed papers (Owsley 1991; Kirkorian, Kearns, and Ewing 1991; Smardz 1991; Iseminger 1991; and Vrabel 1991).

Among the interesting case studies from urban archeology is an article on work in New York City on the planning of separate exhibits that were incorporated into the designs of three modern office buildings (Baugher and Wall 1991). Because of the buildings' respective settings, indoors versus outdoors, different interpretive and design approaches were necessary.

In "Digging for the Whole Truth: Problems and Suggestions for Interpretation at the Ninety Six National Historic Site," Jameson (1990) discusses two problems common to many parks and visitor centers: (1) the need to more effectively utilize available archeological information in interpretive programs and exhibits; and (2) the interpreter's dilemma in dealing



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PUBLIC INTERPRETATION INITIATIVE

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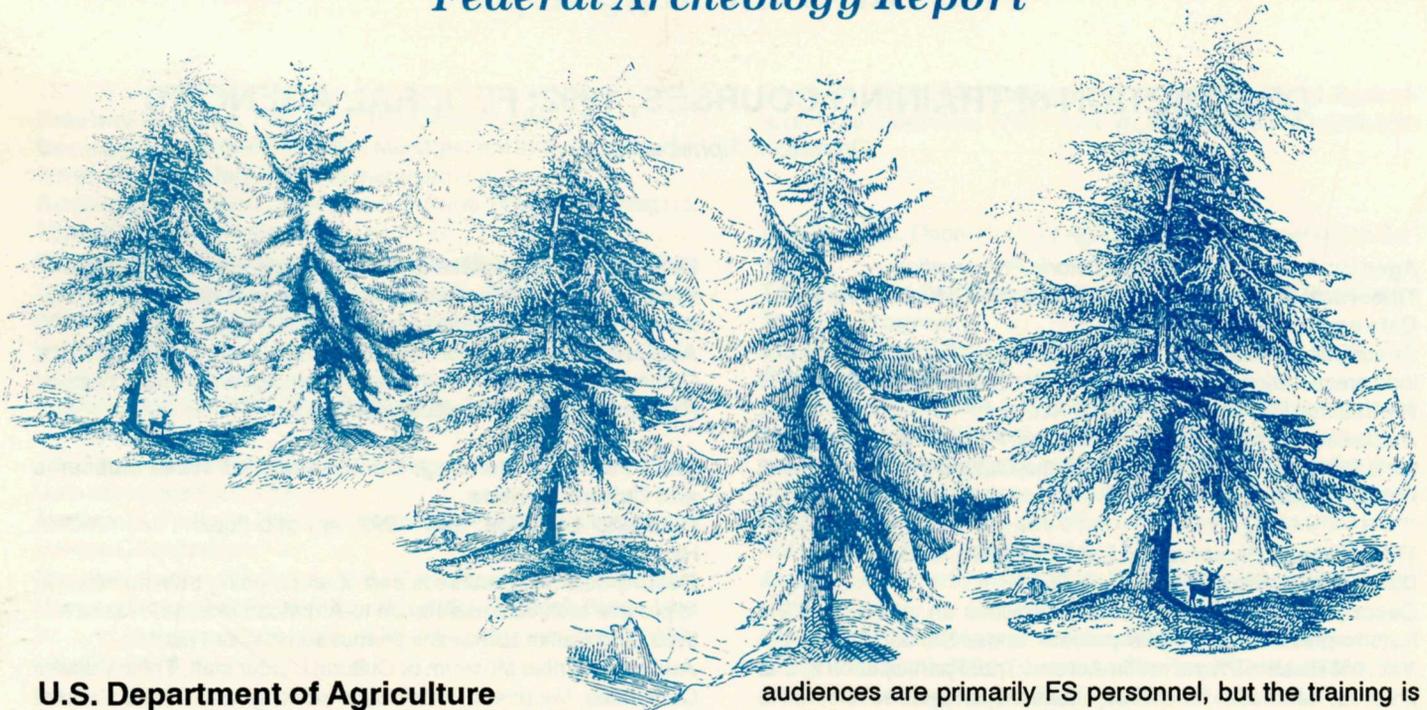
with superimposed or overlapping components that could confuse visitors. The perspective of the professional interpreter is provided in several presentations such as "Meditations on the Messenger" (Potter 1991) and "Anthropology and Public Interpretation: Appreciating the Interpreter's Dilemma" (Goss 1991).

Conclusions

The PII program represents an attempt by NPS and others to foster a cross fertilization and exchange of ideas toward a more holistic approach to public interpretation. The key to success lies in the realization that archeologists and interpreters can and must act in tandem to focus public attention on learning about and appreciation of archeological resources (Jameson 1991).

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U.S. Department of Agriculture Forest Service

Nationwide Forestry Applications Program

The Nationwide Forestry Applications Program (NFAP) is a detached Engineering Unit of the USDA Forest Service (FS) Washington Office that is organized to improve operations efficiency and cost effectiveness through introduction of new techniques and enhancement of employee skills. Its particular concerns are in photointerpretation, remote sensing, and geographic information systems (GIS) as applied to resource inventory, protection, monitoring, and management. NFAP is divided into three programs: (1) Training and Technology Awareness; (2) Liaison and Technical Support; and (3) Integrating Remote Sensing into Resource Management Information Systems.

The Liaison program utilizes cost reimbursement and cost sharing to provide remote sensing and photointerpretation technical support and service to FS units. Plans for FY 1990 activities included cooperative sensor technology evaluation to law enforcement for detection and monitoring of illegal practices on Federal, State, and county lands in California and Kentucky. The Remote Sensing Integration program seeks to establish an image processing facility and develop integrated management procedures through pilot projects.

The Training and Technology Awareness program (TTA) serves as a focus for skills training in applications of aerial photography and other remote sensing technologies. The courses are for personnel who need to use these complex technologies, supervise staff, or allocate resources. Target

audiences are primarily FS personnel, but the training is available to employees of other Federal, State, county and public service groups, as well as Indian Tribes.

During FY 1992 TTA will offer fundamental, advanced, and application-specific training in remote sensing and GIS technology, as well as a 4-day course, "Basic Aerial Photograph Utilization Techniques." While much of the remote sensing training addresses natural resources management, its importance for archeological resources applications is clear. Sessions in various courses cover land use and vegetative cover, area estimation, riparian and timber land mapping, satellite imagery, and integration with GIS. Special training for law enforcement agents, officers, and cooperative Federal, State, and county officers is available through coordination with the NFAP program leader for Liaison and Special Projects. Training courses last one to four days.

In addition to courses, TTA organizes "awareness briefings" intended for line and staff officers to provide overviews on topics such as videography, digital image analysis, and remote sensing interfaces with GIS. Awareness briefings last one to six hours or as long as two days.

TTA staff recently provided instruction sessions in the training course, "Geophysics Techniques in Archeology," sponsored by the National Park Service Rocky Mountain Region Archeological Assistance Program. This successful course helped confirm the ongoing need for information exchange and technology awareness.

For further information about the NFAP Training and Technology Awareness program, contact **Jule Caylor, TTA Program Leader, Nationwide Forestry Applications Program, 2222 West 2300 South, Salt Lake City, UT 84119; telephone (801) 524-4582 or (FTS) 588-4582.**

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DESCRIPTION of TRAINING COURSES, 1992: FEDERAL AGENCIES

Organized Alphabetically

Agency: *Advisory Council on Historic Preservation*

Title: **Historic Preservation Law and the Forest Service**

Date and Location: TBA.

Description: This 3-day course focuses on Forest Service historic preservation responsibilities under Sections 106 and 110 of the National Historic Preservation Act.

Audience: Forest Service Line Officers, Forest and Project Planners, Resource Staff involved in On-the-Ground Projects, Cultural Resource Managers and Staff.

Title: **Historic Preservation Law for Native Americans**

Date and Location: TBA.

Description: This 2-3 day course provides an overview of the historic preservation review process under Section 106 of the National Historic Preservation Act and Tribal participation in that process. Addresses resources, situations, and issues relevant to Native Americans.

Audience: American Indians, Alaska Natives, and Native Hawaiians.

Title: **Introduction to Federal Projects and Historic Preservation Law**

Date and Location: 3-day course offered 14 times from Jan.-Aug. 1992.

1/14-16 Washington, DC; 1/28-30 Tucson, AZ; 2/11-13 Charleston, SC; 2/25-27 Sacramento, CA; 3/10-12 St. Louis, MO; 3/24-26 San Antonio, TX; 4/7-9 Cleveland, OH; 4/21-23 Honolulu, HI; 5/5-7 Boston, MA; 5/19-21 Denver, CO; 6/9-11 Chattanooga, TN; 6/23-25 San Diego, CA; 7/14-16 Washington, DC; 8/4-6 Portland, OR.

Description: Requirements of Sections 106 and 110 of the National Historic Preservation Act. Implementing each step.

Audience: Federal, Tribal, State and Local: Architects, Archeologists, Building/Land Managers, Community Planners, Administrators of Federal Grant/Loan/Permit Programs.

Title: **Pipeline Construction and Federal Historic Preservation Law**

Date and Location: TBA.

Description: This 2-day course provides a general overview of the historic preservation review process under Section 106 of the National Historic Preservation Act as it pertains to pipeline projects.

Audience: Project Managers, Inspectors, Engineers, Land Representatives, Right-of-Way Agents, Consultants for pipeline companies.

Contact: **Shauna Holmes, Advisory Council on Historic Preservation, 1100 Pennsylvania Ave., NW., Rm. 803, Washington, DC 20004; 202-786-0505.**

Agency: *Smithsonian Institution*

Title: **Exhibit Production for Tribal Cultural Facilities**

Date and Location: June 1992, specific dates TBA, Washington, DC.

Description: This course is part of an on-going training initiative to provide technical assistance to American Indians, Alaska Natives, and Native Hawaiians on museum-related matters.

Audience: Tribal Museum or Cultural Center Staff, Tribal Cultural Committee Members, individuals Working With Tribal Cultural Resources. Letter of application required.

Title: **Facilities Planning: Construction of Tribal Museums and Cultural Centers**

Date and Location: May 1992, specific dates TBA; Ak-Chin Him-Dak, Maricopa, AZ.

Description: This course is part of an on-going training initiative to provide technical assistance to American Indians, Alaska Natives, and Native Hawaiians on museum-related matters.

Audience: Tribal Museum or Cultural Center staff, Tribal Cultural Committee Members, individuals working with Tribal Cultural Resources. Letter of application required.

Title: **Material Culture and Collections Development**

Date and Location: Feb. 3-6, 1992, Woodland Cultural Center, Brantford, Ontario.

Description: This course is part of an on-going training initiative to provide technical assistance to American Indians, Alaska Natives, and Native Hawaiians on museum-related matters.

Audience: Tribal Museum or Cultural Center staff, Tribal Cultural Committee Members, individuals working with Tribal Cultural Resources. Letter of application required.

Title: **Mission and Governance: How to Plan for a Tribal Cultural Facility**

Date and Location: April 1992, specific dates and location TBA.

Description: This course is part of an on-going training initiative to provide technical assistance to American Indians, Alaska Natives, and Native Hawaiians on museum-related matters.

Audience: Tribal Museum or Cultural Center staff, Tribal Cultural Committee Members, individuals working with Tribal Cultural Resources. Letter of application required.

Contact: **Alyce Sadongei, Smithsonian Institution, Office of Museum Programs, MS 427, Art and Industries Bldg., Rm 2235, Washington, DC 20560; 202-357-3101.**

Title: **Fire, Safety and Occupational Health Workshop for Museums and Other Cultural Institutions**

Date and Location: Sept. 1992 (tentative), specific dates TBA, 4-day course, annual.

Description: Museum safety, program administration, industrial hygiene, fire prevention, detection and suppression, disaster/emergency planning, environmental management, hazardous materials, asbestos abatement, radiation safety, and shop/physical plant safety are some of the discussion topics.

Audience: Persons responsible for the day-to-day operation of a museum facility, Chiefs of Security.

Contact: **Andy Wilson, Smithsonian Institution, Office of Environmental Management and Safety, 490 L'Enfant Plaza, Ste. 4202, Washington, DC 20560; 202-287-3615.**

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Title: Museum Security**Date and Location:** Feb. 9-13, 1992, Washington, DC.**Description:** Cultural Protection Management including security, fire protection, safety, facilities management.**Audience:** Museum, Library and Cultural Property Managers, Museum Security Managers.**Contact:** David Liston, Smithsonian Institution, Office of Protection Services, 1111 N. Capitol St., NE., SISC 402, Washington, DC 20560; 202-357-1630.**Agency:** U.S. Department of Agriculture, Farmers Home Administration Agency**Title: Issues in Environmental Policy****Date and Location:** TBA.**Audience:** Farmers Home Administration State Environmental Review Coordinators.**Contact:** Susan Wieferich, U.S. Department of Agriculture, Farmers Home Administration, Rm. 6903-S, South Bldg., 14th St. and Independence Ave., SW., Washington, DC 20250; 202-382-9619.**Agency:** U.S. Department of Agriculture, Forest Service**Title: Preservation of Historic Buildings in Wilderness****Date and Location:** May-June 1992, specific dates TBA, Frank Church Wilderness, ID.**Description:** Use and maintenance of primitive tools in the maintenance and stabilization of an historic log structure. Hands-on work experience and technical skills in log structure stabilization. Turn of the century, vernacular log structure in a Wilderness setting.**Audience:** Facility Managers, Architectural Preservationists and Conservators, Cultural Resource Specialists, Historians, Carpenters, Maintenance Personnel.**Contact:** Marion McDaniel, U.S. Department of Agriculture, Forest Service, Challis National Forest, Forest Service Building, Challis, ID 83226; 208-879-2285.**Title: Preservation of Log Structures****Date and Location:** June 1992, specific dates TBA, McCall, ID.**Description:** Practical and theoretical aspects of architectural conservation and historic preservation through the stabilization and preservation of a CCC constructed Log Barn on the shores of Payette Lake.**Audience:** Facility Managers, Cultural Resource Specialists and Managers, Architects, Preservation Planners, Maintenance Personnel, Carpenters.**Contact:** Larry Kingsbury, U.S. Department of Agriculture, Forest Service, Payette National Forest, P.O. Box 1026, McCall, ID 83638; 208-634-8151.**Title: Preservation of Monumental Log Architecture****Date and Location:** 1992, specific dates TBA, Shoshone National Forest, WY.**Description:** Practical and theoretical aspects of architectural conservation and historic preservation through the stabilization and preservation of a 19th-century massive 2-story log hunting lodge constructed in the Rustic Style.**Audience:** Facility Managers, Cultural Resource Specialists and Managers, Architects, Preservation Planners, Maintenance Personnel, Carpenters.**Contact:** Joseph G. Gallagher, U.S. Department of Agriculture, Forest Service, 1750 Front St., Boise, ID 83702; 208-364-4159.**Agency:** U.S. Department of Agriculture, Soil Conservation Service**Title: National Soil Conservation Service Cultural Resources Training Program****Date and Location:** Oct. 1991 through Dec. 1995. Each SCS State office will schedule as needed.**Description:** Modules 1 through 7 are 15-20 minute videotapes accompanying a Student Workbook to provide self-paced or group study on identifying, evaluating, and planning for the presence of cultural resources. Module 8 is a 1- or 2-day field workshop identifying artifacts and other cultural resources while laying out land and water use projects.**Audience:** Primarily intended for Soil Conservation Service employees.**Contact:** Michael Kaczor or Diane Gelburd, U.S. Department of Agriculture, Soil Conservation Service, P.O. Box 2890, Rm. 6140-S, Washington, DC 20013-2890; 202-720-2307.**Agency:** U.S. Department of Defense, Air Force**Title: Department of Defense Cultural Resources Workshop****Date and Location:** May 4-8, 1992, F.E. Warren Air Force Base, WY.**Description:** Survey of cultural resources legislation and regulations, identification, evaluation, nomination and management of historic properties, protection of archeological resources, inter-agency coordination, and public awareness and interpretation.**Audience:** Historic Preservation Officers of Military Installations and Major Command Headquarters. Personnel of other agencies are welcome to attend.**Contact:** Dr. A.L. Clark, HQ USAF/CEVP, U.S. Department of Defense, Bolling Air Force Base, Washington, DC 20332-5000; 202-767-3668.**Agency:** U.S. Department of Energy**Title: Cultural Resources Management Workshop****Date and Location:** Feb. 1992, specific dates TBA, location TBA.**Description:** Guidelines for developing and implementing a cultural resource management plan at Department of Energy facilities. The focus will be on how to incorporate cultural resource management requirements into facility management and long term site planning.**Audience:** Department of Energy Employees and Contractors.**Contact:** Lois Thompson, U.S. Department of Energy, Office of Environmental Guidance, 1000 Independence Ave., SW., Washington, DC 20585; 202-586-9581.**Agency:** U.S. Department of the Interior, National Park Service, Departmental Consulting Archeologist/Archeological Assistance**Title: Archeological Curation and Collections Management****Date and Location:** Fall 1992, location TBA.**Description:** Principles and methods of curation and collections

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DESCRIPTION OF TRAINING COURSES, FY 1992: FEDERAL AGENCIES

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management including planning and cost analysis, legislative and regulatory authorities and responsibilities, with special focus on the care and protection of archeological collections. Co-sponsored by George Washington University.

Audience: Federal, State, and Local Cultural Resources or Archeology Program Managers who are responsible for Federal or federally-administered archeological collections.

Title: Archeology for Managers

Date and Location: July 1992, location TBA.

Description: Legal requirements, policies, guidelines and regulations concerning archeological preservation. Appropriate methods for resource management, development and operations. Lecture, field sessions at archeological sites and at curatorial facility. Co-sponsored by University of Nevada-Reno.

Audience: Federal, State, and Local Program Managers who do not necessarily have any background in archeology, but who must manage archeological resources.

Title: Overview of Archeological Protection Programs

Date and Location: TBA, proposed for 8 locations nationwide.

Description: Overview of archeological resource protection programs for managers addressing the problems of looting and vandalism. Magnitude of problem, applicable laws and regulations, team approach to solutions, case studies of effective protection programs, methods for improving efforts to prevent and detect future archeological resource crimes, evaluation of staff training needs.

Audience: Federal, State, Tribal, and Local Agency Officials, and Interested Others.

Contact: Richard Waldbauer, U.S. Department of the Interior, National Park Service, Departmental Consulting Archeologist/Archeological Assistance, P.O. Box 37127, Washington, DC 20013-7127; 202-343-4113.

Agency: U.S. Department of the Interior, National Park Service, Curatorial Services Division

Title: Curatorial Methods

Date and Location: Oct. 26-Nov. 6, 1992, Harpers Ferry, WV.

Description: Scope of collections, accessioning and cataloging, preventive conservation, museum security and fire protection, health and safety, collections management planning, programming and funding, ethical issues, issues relating to the Native American Graves Protection and Repatriation Act of 1990, proper storage and documentation.

Audience: Beginning Park Curators, Museum Specialists, Technicians and Aids, Interpreters, Resource Management Specialists, Museum Collection Management Staff.

Contact: Anthony Knapp, U.S. Department of the Interior, National Park Service, Curatorial Services Division, P.O. Box 37127, Washington, DC 20013-7127; 202-343-8141.

Title: Using dBasell+ and ANCS: An Interdisciplinary Approach to Using NPS Museum Collections

Date and Location: April 20-24, 1992, Harpers Ferry, WV.

Description: Administration and manipulation of Automated National Catalog System (ANCS) database to facilitate resource management, ANCS interaction with other NPS databases, integration of ANCS data with GIS, encourage multi-disciplinary approach to resource management, empower participants in innovative use of ANCS and dBasell+.

Audience: NPS First Time and Intermediate ANCS Users, Curatorial Staff, Cultural and Natural Resource Managers, Scientists, Archeologists.

Contact: Joan Bacharach, U.S. Department of the Interior, National Park Service, Curatorial Services Division, P.O. Box 37127, Washington, DC 20013-7127; 202-343-8140.

Agency: U.S. Department of the Interior, National Park Service, Interpretation Division

Title: Interpreting Native American Cultures

Date and Location: April-May 1992, specific dates TBA, Billings, MT.

Description: How to initiate and facilitate consultation with Native American groups, how to conduct research on Native American themes, how to choose appropriate interpretive themes and techniques, where to go for expert advice, how to recognize and be sensitive to concerns of contemporary Native American visitors regarding interpretive programs and appropriate/inappropriate use/interpretation of artifacts/sites.

Audience: Interpreters, Historians, Site Managers.

Title: Interpretive Program Management

Date and Location: Oct.-Dec. 1992, Harpers Ferry, WV.

Description: Personnel management and human resources development in interpretive operations, marketing concepts, planning and development to integrate resource management, safety and protection of resources, public involvement, service to special populations and international visitors in the interpretive program.

Audience: Interpreters, Site Managers.

Title: Technology in Education and Interpretation

Date and Location: Oct.-Dec. 1992, specific dates TBA, Leesburg, VA.

Description: Facilitating interactive education efforts through computer technology, computer modeling using GIS, and related technologies. Hands-on workshops using the technology and software, meeting with vendors to develop applications for interpretive and educational uses regarding the interpretation of cultural and natural resources.

Audience: Interpreters, Historians, Curators, Site Managers, Interested Others.

Contact: Mike Watson, U.S. Department of the Interior, National Park Service, Interpretation Division, P.O. Box 37127, Washington, DC 20013-7127; 202-523-5270.

Agency: U.S. Department of the Interior, National Park Service, Pacific Northwest Region

Title: Archeological Site Stabilization Workshop

Date and Location: April 1992, Portland, OR, and various locations in Washington state.

Description: Instruction on the natural and cultural forces that degrade and destroy prehistoric and historic archeological sites, including the processes of erosion and degradation of sites and

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methods and techniques to prevent or slow site destruction. Examples of successful mitigation efforts.

Audience: State, Federal, Tribal, and Private Land Managers.

Contact: Jim Thomson, U.S. Department of the Interior, National Park Service, Pacific Northwest Region, 83 S. King St., Suite 212-RC, Seattle, WA 98104; 206-553-0791.

Agency: U.S. Department of the Interior, National Park Service, Park Historic Architecture Division

Title: Rural Historic Landscape Workshop

Date and Location: May 1992, specific dates TBA, Point Reyes National Seashore, Point Reyes, CA.

Description: Not available

Audience: Not available.

Contact: Robert Page, U.S. Department of the Interior, National Park Service, Park Historic Architecture Division, P.O. Box 37127, Washington, DC, 20013-7127; 202-343-8153.

Agency: U.S. Department of the Interior, National Park Service, Rocky Mountain Region

Title: Geophysics Techniques in Archeology

Date and Location: May or June 1992, specific dates TBA, Pinon Canyon Maneuver Site, Las Animas County, CO.

Description: Practical application of electronic instruments available for identification, evaluation, conservation, and preservation of cultural resources. Equipment includes a total station with data collector, computer mapping of field data, magnetometer, terrain conductivity meter, resistivity meter, ground penetrating radar, and their applications to non-destructive investigation.

Audience: Cultural Resource Managers and Specialists responsible for identification, evaluation, conservation, protection, and management of cultural resources.

Contact: Steven De Vore, U.S. Department of the Interior, National Park Service, Rocky Mountain Region, Interagency Archeological Services, 12795 W. Alameda Pkwy, Box 25287, Denver, CO 80225; 303-969-2875.

Agency: U.S. Department of the Interior, National Park Service, San Antonio Missions National Historical Park

Title: Spanish Social, Political and Economic Empire

Date and Location: Nov. 12-14, 1992, San Antonio, TX.

Description: Symposium in a series of three commemorating the Columbus Quincentennial of 1992. Provides training for quincentenary planning and implementation in interpretation and cultural resources management of Spanish Colonial Heritage Sites and in significance of Spain in the New World. Third Symposium entitled "The Encounter of Two Worlds, A Continuing Process."

Audience: Academia, Government Employees, Interested Others.

Contact: Sandra Flowers, U.S. Department of the Interior, National Park Service, 2202 Roosevelt Ave., San Antonio, TX 78210-4919; 512-229-5706.

Agency: U.S. Department of the Interior, National Park Service, Interagency Resources Division

Title: Integrated Preservation Software: System Manager Training (Proposed)

Date and Location: Jan.-Sept. 1992, 4 times, specific dates TBA, Denver, San Francisco, Philadelphia, Atlanta.

Description: Introduction to the Integrated Preservation Software, National Register Survey Module and National Archeological Database (NADB-Reports) Module. Staff from States and Federal agencies who choose to use the program, who are responsible for its implementation, will become fully acquainted with and learn to use all features of the software. Hands-on workshop. Work with program as it is explained.

Audience: NPS Regional Staff, SHPO Staff, Federal Agency Field Office Staff. If feasible, staff from Local Governments.

Contact: Diane Miller or Veletta Canouts, U.S. Department of the Interior, National Park Service, Interagency Resources Division, P.O. Box 37127, Washington, DC 20013-7127; 202-343-9552.

Agency: U.S. Department of the Interior, National Park Service, Southeast Region

Title: Issues in Public Interpretation of Archeological Materials and Sites

Date and Location: Oct. 1992, specific dates TBA, Denver, CO.

Description: Current interpretation of archeological sites is rarely based on archeological and archival research. This symposium, through case studies and lecture, seeks to bridge the communication gap between the technical archeological information and exhibit/program designers who communicate with the public.

Audience: Interpreters, Exhibit Designers, Archeologists, Interested Others.

Contact: John Jameson, U.S. Department of the Interior, National Park Service, Southeast Region, Interagency Archeological Services, 75 Spring St., SW., Atlanta, GA 30303; 404-331-2629.

Title: Preservation and Protection of Museum Collections

Date and Location: Spring 1992, specific dates TBA, Harrodsburg, KY.

Description: Identify, evaluate, monitor, and mitigate threats to museum collections, prepare a Collection Preservation Guide that addresses the frequency, techniques, and materials to use in museum housekeeping programs, environmental monitoring, security, and fire protection.

Audience: Curators, Employees responsible for Museum Collection Management in the NPS Southeast Region.

Contact: Steve Harrison, Cultural Resources, U.S. Department of the Interior, National Park Service, Southeast Region, Interagency Archeological Services, 75 Spring St., SW., Suite 1140, Atlanta, GA 30303; 404-730-2201.

Agency: U.S. Department of Treasury, Federal Law Enforcement Training Center

Title: Archeological Resources Protection

Date and Location: TBA, 40 hours.

Description: Comprehensive program of study in investigative techniques. Classroom lecture, discussion, practical exercises, to enable students to complete most archeological resource theft investigations.

Audience: Law Enforcement Officers, Archeologists responsible for Archeological Resource Protection.

Contact: Carole Pfeifer, U.S. Department of Treasury, Federal Law Enforcement Training Center, National Park Service Bldg. 64, Glynco, GA 31524; 912-267-2246.



DESCRIPTION of TRAINING COURSES, 1992: STATE AGENCIES*Arranged alphabetically*

Agency: *Arizona State Historic Preservation Office*
Title: **Certified Local Government Annual Workshop**
Date and Location: June 1992, specific date and location TBA.
Description: Presentations by experts from out-of-state followed by a problem-solving session in which each CLG presents a difficult situation and those present discuss options and alternative solutions.
Audience: Local Preservation Commissioners, participants in the Certified Local Government Program.
Contact: **Jim Garrison, Arizona State Historic Preservation Office, Arizona State Parks, 800 W. Washington, Suite 415, Phoenix, AZ 85007; 602-542-4174.**

Title: **Section 106 Training**
Date and Location: Oct. 1992, specific date TBA, Phoenix, AZ.
Description: Overview of the Section 106 Review Process and National Register eligibility as it relates to Section 106. Arizona has a state law that provides a process similar to 106 at the state level. Overview of state laws pertaining to cultural resources as applied at the local level.
Audience: Federal, State, Local Agency Staff, Private Consultants.
Contact: **Ann Howard, Arizona State Historic Preservation Office, Arizona State Parks, 800 W. Washington, Suite 415, Phoenix, AZ 85007; 602-542-4009.**

Agency: *California Office of Historic Preservation*
Title: **Certified Local Government Workshop**
Date and Location: May 1992, specific date(s) TBA, Sacramento, CA.
Description: Planning, context and California Environmental Quality Act. Surveys and their relationship with the National Register. National Register District and Multiple Property nominations. The role of the Commission and Ordinances. Certification, monitoring, and grants management aspects.
Audience: Staff from Certified Local Governments in California.
Contact: **Sandra Elder or Joyce Law, California Office of Historic Preservation, P.O. Box 942896, Sacramento, CA 94296-0001; 916-445-8006.**

Agency: *Connecticut Trust for Historic Preservation*
Title: **Workshop on Historic Districts and Property Commissions**
Date and Location: Spring 1992, specific date(s) TBA, and given again Fall 1992, specific date(s) and location TBA.
Description: Semi-annual workshop for members of local historic district/property commissions.
Audience: Members of Local Historic Districts and Property Commissions.
Contact: **Charles Granquist, Connecticut Trust for Historic Preservation, 940 Whitney Ave., Hamden, CT 06517; 203-562-6312.**

Agency: *[Florida] Museum of Florida History*
Title: **Archeology: Key to the Past**
Date and Location: April 1992, specific dates TBA, 20 hours, Tallahassee, FL.
Description: Overview of basic tenets and methods of archeology. Objective is to enable educators to use archeological principles to teach real-world concepts and skills in a variety of subject areas. An array of teaching resource materials is provided. A 20-hour inservice.
Audience: Teachers of Upper Elementary and Secondary Grades.
Contact: **KC Smith, Museum of Florida History, 500 S. Bronough St., Tallahassee, FL 32399-0250; 904-487-3711.**

Agency: *[Iowa] State Historical Society of Iowa*
Title: **Certified Local Government Workshop for Iowa CLGs**
Date and Location: July 26-27, 1992, Waterloo, IA.
Description: Operating a historic preservation commission in local government. Community outreach—activities to undertake, sponsor, facilitate. Commission action planning as part of a statewide CLG network. Training in design review. Funding and fund raising.
Audience: Staff from Certified Local Government Commissions, County and City Planners, Elected Officials, Main St. Review Boards, Non-Certified Historic Preservation Commissions.
Contact: **Kerry C. McGrath, State Historical Society of Iowa, Historical Division, Dept. of Cultural Affairs, Capitol Complex, Des Moines, IA 50319; 515-281-6826.**

Agency: *Massachusetts Historical Commission*
Title: **Certified Local Government Workshop**
Date and Location: March 1992, specific date(s) TBA, Boston, MA.
Description: Annual training/workshop session for Certified Local Governments (CLGs) covering a variety of topics including surveys, National Register nominations, and local historic district administration.
Audience: Members of Certified Local Government Commissions, CLG Coordinators and Staff.
Contact: **Mark Verkennis, Massachusetts Historical Commission, 80 Boylston St., Suite 310, Boston, MA 02116; 617-727-8470.**

Title: **Survey and Planning Grant Workshop**
Date and Location: June 1992, specific date(s) TBA, Boston, MA.
Description: Overview of the Massachusetts Historical Commission's Survey and Planning Grant Program, contract administration and financial management responsibilities, and specific discussion of individual projects.
Audience: Survey and Planning Grant Recipients, Grant Administrators, Project Coordinators.



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Contact: Elsa Fitzgerald, Massachusetts Historical Commission, 80 Boylston St., Suite 310, Boston, MA 02116; 617-727-8470.

Agency: Nebraska State Historical Society

Title: Technical Outreach Workshop

Date and Location: Fall 1992, specific dates TBA, Lincoln, NE.

Description: Section 106 Review and Compliance, including survey and evaluation, Nebraska Cultural Resource Plan, and effect determinations.

Audience: Federal Agencies, Environmental Compliance Officers, Federal Grantee Organizations, Cultural Resource Contractors.

Contact: Bob Puschendorf, Nebraska State Historical Society, 1500 R St., P.O. Box 82554, Lincoln, NE 68501; 402-471-4787.

DESCRIPTION of TRAINING COURSES, 1992: UNIVERSITIES

Arranged Alphabetically

University: Eastern Illinois University

Title: Improving Interpretation through Improved Documentation in Historical Collections

Date and Location: April 4, 1992, Charleston, IL.

Description: A variety of speakers will draw upon diverse perspectives to demonstrate the importance of documentation projects for museums and historical agencies. Co-sponsored by the Historical Administration Program Association.

Audience: Professionals and Volunteers in Historic Sites, Museums, Historical Agencies, Archives, and Living History Farms. Educators.

Contact: Michael D. Cook, Eastern Illinois University, Historical Administration Program, Charleston, IL 61920-3099; 217-581-5943.

University: University of Arkansas at Little Rock

Title: Historic Parks Planning and Development

Date and Location: July 10-Aug. 15, 1992, Little Rock, AR.

Description: Discussions, directed readings, research, and writing on issues relating to the planning and development of historic parks. Topics include: identifying and protecting historical resources, land use, staffing requirements, long and short term planning, government policy, and funding. The course will offer 3 hours of graduate credit.

Audience: Public History Graduate Students, Historic Preservation Professionals, Museum Professionals.

Contact: Stephen Recken, University of Arkansas at Little Rock, Public History Program, History Dept., 2801 S. University, Little Rock, AR 72204; 501-569-8395.

University: University of Hawaii at Manoa

Title: Pacific Preservation Field School

Date and Location: June 28-July 25, 1992, Island of Oahu (at Ewa), HI.

Description: Theoretical and practical hands-on learning at Ewa Plantation, the most complete surviving sugar plantation village in Hawaii. The village consists of 300 buildings and structures, late 19th-/early 20th-century, currently the object of massive preservation efforts. Research, documentation, archeology, building analysis, planning, conservation, landscape.

Audience: Graduate Students, Individuals from the work force with preservation interest/experience.

Contact: William J. Murtagh, University of Hawaii at Manoa, Department of American Studies, PPC, 1890 East/West Road, Moore 324, Honolulu, HI 96822; 808-536-9700.

University: University of Nevada, Reno

Title: Archeology for Managers

Date and Location: July 1992, specific dates and location TBA.

Description: Land managers and program managers whose job functions impact archeological resources seldom have the training to evaluate alternatives. Familiarization with archeology and archeology resources so problems can be identified early and effective solutions selected. Legal requirements, policies, guidelines, regulations, appropriate methods for resource management, development, operations. Field trip.

Audience: Federal, State, Local Program Managers who do not necessarily have any background in archeology, but who must manage archeological resources.

Title: Archives: An Introduction

Date and Location: Jan. 6-7, 1992, Kingston, Jamaica, and given again April 6-7, 1992, Pittsburgh, PA.

Description: Basic archival theory and techniques that provide the standard for proper records curation and management, as required by Federal curation guidelines. Developed in cooperation with the Society of American Archivists. Designed for anyone concerned with the care and management of permanent records such as correspondence files, photographs, films, maps, and accession records.

Audience: Archeologists, Collections Managers, Museum Curators.

Title: Current Archeology: An Overview

Date and Location: Feb. 3-14, 1992, Reno, NV.

Description: Latest information on GIS, small site analysis, maritime and underwater archeology, obsidian sourcing and dating, dating techniques, faunal analysis, paleoenvironmental

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DESCRIPTION OF TRAINING COURSES, 1992: UNIVERSITIES

(Continued from page 13)

analysis techniques, historical archeology, geomorphology, current theory and major issues in cultural history. May be taken for full 2-week period or on a daily basis.

Audience: Archeologists, Land Managers, Cultural Resource Managers charged with designing and evaluating survey and mitigation proposals and reports on results.

Title: Geomorphology in Archeological Analysis

Date and Location: April 1992, specific dates TBA, Reno, NV.

Description: Principles of geomorphology, sedimentation, and stratigraphy as applied to archeological analysis. Discussions on identification of basic landform elements, depositional environments, and associated geological processes as they affect archeological materials and sites. Field trips included.

Audience: Archeologists.

Title: Identifying and Evaluating Historical Resources

Date and Location: March 30-April 3, 1992, Reno, NV.

Description: Identifying historical sites. Recording historic structures. Describing vernacular architecture. Identifying old ceramics, glass, cans. Stabilization.

Audience: Environmentalists, Mining and Power Company Managers, Cultural Resource Managers.

Title: Keeping the Courts Out of Land Managing

Date and Location: March 2-4, 1992, Reno, NV.

Description: Impact of Archeological Resources Protection Act and the Native American Graves Protection and Repatriation Act for land-managing agencies, description of problems that may arise, recommended ways to enhance responsible planning.

Audience: Land-Managing Officials responsible for making and interpreting policy.

Title: Lithics

Date and Location: May 1992, Inyo National Forest, CA.

Description: An advanced course in theory and methods in lithic analysis, current techniques in obsidian hydration and trace analysis. Discussion of field-collecting procedures to insure maximum analytical yield of significant data.

Audience: Archeologists.

Title: Preparing Agreement Documents Under the National Historic Preservation Act

Date and Location: 1/30-31 Washington, DC; 2/20-21 Sacramento, CA; 3/30-31 Dallas, TX; 5/ 28-29 Denver, CO; 8/10-11 Seattle, WA.

Description: How to draft and organize the major documents used to conclude project review—Memoranda of Agreement, Programmatic Agreements, and agreement-based determinations of no adverse effect. When to use each, how to facilitate review and acceptance by consulting parties. Special attention given to parallel requirements of Native American Graves Protection and Repatriation Act and Section 106 Review.

Audience: Cultural Resource/Historic Preservation Professionals who need advanced training.

Title: Presenting the Past to the Public

Date and Location: May 1992, specific dates TBA, Anasazi Heritage Center, Dolores, CO.

Description: Designed to teach Cultural Resource Management personnel and managers effective means for presenting materials to print and electronic media, including how to develop effective and cost-effective static and travelling exhibits.

Audience: Cultural Resource Management Personnel and Managers.

Title: Theory in Contemporary Archeology

Date and Location: Jan. 27-30, 1992, Reno, NV.

Description: This course will address the postprocessualist approach, the major points of disagreement between that framework and Binfordian processualist archeology, and the relevance of these approaches to CRM archeology.

Audience: Archeologists, CRM Professionals.

Contact: Leanne Stone, University of Nevada, Reno, Dept. of Anthropology/ Historic Preservation, Division of Continuing Education/048, Reno, NV 89557; 702-784-4046.

University: University of South Carolina

Title: South Carolina Classroom Archeology: Summer Institute for Social Studies Teachers

Date and Location: June 15-26, 1992, Columbia, SC.

Description: Nine-day intensive workshop to instruct South Carolina teachers on how to introduce archeology into social studies curriculum. Includes an introduction to anthropology, an introduction to archeology, site preservation, ethics, and cultural history.

Audience: South Carolina Social Studies Teachers—3rd-12th grade.

Contact: Christopher Judge, University of South Carolina, Department of Anthropology, 1321 Pendleton St., Columbia, SC 29208; 803-777-8170.

University: University of Vermont, Historic Preservation Summer Institute

Title: Conserving the Countryside

Date and Location: June-Aug. 1992, specific dates TBA, Burlington, VT.

Description: Organizing for countryside conservation, inventorying a community's resources, land-use ordinances, voluntary protection of property, easements, development, community education. Provides strategies that local governments and non-profit organizations can use to protect a rural community's historic buildings and associated scenic, natural and agricultural resources. Field trips, community preservation projects.

Audience: Staff from Local Governments and Non-Profit Organizations, Planners, Preservationists, Students, Interested Others.

Title: Environmental Simulation Workshop

Date and Location: June-Aug. 1992, specific dates TBA, Burlington, VT.

Description: How to produce realistic images of what a community might look like in the future using accurately scaled, true-to-life simulations. Visual laboratories demonstrate the impact of public and private development to the community.

Audience: Planners, Design Professionals, Preservationists, Planning Board Members, Educators, Students, Historic District Commissioners, interested others.

Contact: Chester Liebs or Samuel Stokes, University of Vermont, Department of History, Historic Preservation Program, Burlington, VT 05405; 802-656-3180.

DESCRIPTION of TRAINING COURSES, 1992: OTHER ORGANIZATIONS

Arranged Alphabetically

Organization: *Center for Historic Preservation Studies*

Title: **Care of Collections Courses**

Date and Location: June through Sept. 1992, Mt. Carroll, IL.

Description: Individual courses on the conservation of paper, textiles, photographs, paintings, metals, glass, ceramics, and ethnographic material in historic and museum collections.

Audience: Curators, Conservators, Staff from Historic Sites, Historic Houses, and Museums, Interested Others.

Title: **Collection Care Core Curriculum**

Date and Location: June through Sept. 1992, specific dates TBA, Mt. Carroll, IL.

Description: Core is made up of 3 sections, based on the Bay Foundation/NIC pilot, for a total of 4 weeks of class time. Must be taken in sequence. Section 1 is entitled "Materials and Collections"; Section 2, "The Museum Environment"; and Section 3, "Management and Planning." Section 1 looks at the chemical and physical properties of materials, effects of environment, assessment of deterioration, handling and storage.

Audience: Curatorial staff with wide ranging collection care responsibilities and varied collections typical of small to mid-sized museums and historical societies.

Contact: **Mary Wood Lee, Center for Historic Preservation Studies, 203 E. Seminary, P.O. Box 66, Mt. Carroll, IL 61053; 815-244-1173.**

Organization: *Chicora Foundation*

Title: **Critter Jitters: Integrated Pest Management for Museums, Libraries, and Archives**

Date and Location: Feb. 21, Columbia, SC.

Description: Not available

Audience: Not available

Contact: **Marsha Turner, University of South Carolina College for Library and Information Sciences, Columbia, SC 29208; 803-777-3858.**

Title: **Preserving Collections in a Hostile Environment: Environmental Monitoring and Control**

Date and Location: Feb. 27, Atlanta, GA.

Description: Not available

Audience: Not available

Contact: **Jane Pairo, SOLINET, 400 Colony Square, Atlanta, GA 30361; 1-800-999-8558.**

Organization: *Getty Conservation Institute Training Program*

Title: **Rock Art Site Protection and Management**

Date and Location: Feb. 24-29, 1992, Marina del Rey, CA.

Description: Principles of heritage conservation, management of visitors, assessment of recording and conservation in the site's protection and management. Rock sites with high visitation, management plans that assure both the protection of the site as well as its use by diverse groups. Practical work to include an all day exercise at a rock art site.

Audience: Archeologists, Cultural Resource Managers. Preference given to those responsible for managing rock art sites for Federal or State agencies and museums.

Contact: **Benjamin Nistal-Moret, Getty Conservation Institute Training Program, 4503 Glencoe Ave., Marina del Rey, CA 90292; 213-822-2299.**

Organization: *Historic Massachusetts, Inc.*

Title: **Annual Statewide Preservation Workshop**

Date and Location: May 1992, specific dates TBA.

Description: Assembles a diverse group of preservation interests to discuss preservation in the context of an annual theme or topic. Panel discussions and tours are featured.

Audience: Planners, Historians, Architects, Archeologists, Educators, Preservationists, Landscape Architects, Business Leaders, Local Government Officials.

Title: **Leadership Workshop**

Date and Location: Nov. 1992, specific dates TBA.

Description: Focuses on the activities of local historical commissions and district commissions. Panel discussions on a variety of topics concerning the identification, evaluation, and protection of historic resources.

Audience: Local Historical Commissions, Local Historic District Commissions, Certified Local Governments.

Contact: **Alan Schwartz, 45 School St., Boston, MA 02108; 617-723-3383.**

Organization: *Jefferson's Poplar Forest*

Title: **Restoration Field School**

Date and Location: July 5-19, 1992, Lynchburg, VA.

Description: A 15-day program based on the current restoration of Thomas Jefferson's villa retreat Poplar Forest. Program covers phases of a restoration using one site with field trips to other sites. Emphasis on hands-on work. Topics include: archival research, historical interpretation, conservation lab work, stabilization, architectural investigation, documentation, archeology, computer-aided research.

Audience: Preservation Professionals, anyone who has shown a serious interest in learning about restoration, Graduate Students.

Contact: **Travis C. McDonald, Jr., Jefferson's Poplar Forest, P.O. Box 419, Forest, VA 24551; 804-525-1806.**

Organization: *National Preservation Institute*

Title: **Island Nations of the Caribbean: History, Historic Architecture, Archeological Resources**

Date and Location: May 1-2, 1992, Washington, DC.

Description: In celebration of the Caribbean Quincentenary, this course will look at the history and diverse historic preservation issues that affect this region of the world.

Audience: Historians, Cultural Resource Managers, Interested Others.



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TRAINING CALENDAR, 1992: FEDERAL AGENCIES

AGENCY NAMES	COURSE DESCRIPTION	DATES											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Advisory Council on Historic Preservation	Historic Preservation Law and the Forest Service	Month and Dates TBA											
	Historic Preservation Law for Native Americans	Month and Dates TBA											
	Introduction to Federal Projects and Historic Preservation Law	14-16	11-13	10-12	7-9	5-7	9-11	14-16					
	Pipeline Construction and Federal Historic Preservation Law	Month and Dates TBA		28-30	25-27	24-26	21-23	19-21	23-25	4-6			
Smithsonian Institution	Exhibit Production for Tribal Cultural Facilities												
	Facilities Planning: Construction of Tribal Museums and Cultural Centers					TBA							
	Fire, Safety and Occupational Health Workshop for Museums and Other Cultural Institutions		3-6								TBA		
	Material Culture and Collections Development		9-13		TBA								
	Mission and Governance: How to Plan for a Tribal Cultural Facility												
	Museum Security												
U.S. Department of Agriculture • Farmers Home Administration • Forest Service	Issues in Environmental Policy	Month and Dates TBA											
	Preservation of Historic Buildings in Wilderness							-----TBA-----					
	Preservation of Log Structures Preservation of Monumental Log Architecture	Month and Dates TBA						TBA					
Soil Conservation Service	National Soil Conservation Service Cultural Resources Training Program	Months and Dates TBA											
U.S. Department of Defense, Air Force	Department of Defense Cultural Resources Workshop					4-8							
U.S. Department of Energy	Cultural Resources Management Workshop		TBA										
U.S. Department of the Interior, National Park Service • Departmental Consulting Archeologist/Archeological Assistance • Curatorial Services Division • Interpretation Division • Pacific Northwest Region • Park Historic Architecture Division • Rocky Mountain Region • San Antonio Missions National Historical Park • Interagency Resources Division • Southeast Region	Archeological Curation and Collections Management	Month and Dates TBA											
	Archeology for Managers	Month and Dates TBA								TBA			
	Overview of Archeological Protection Programs												
	Curatorial Methods												
	Using dBasell+ and ANCS: An Interdisciplinary Approach to Using NPS Museum Collections				20-24							26-----6	
	Interpreting Native American Cultures				-----TBA-----								
	Interpretive Program Management											-----TBA-----	
	Technology in Education and Interpretation											-----TBA-----	
	Archeological Site Stabilization Workshop				TBA								
	Rural Historic Landscape Workshop						-----TBA-----						
	Geophysics Techniques in Archeology						-----TBA-----						
	Spanish Social, Political and Economic Empire												12-14
Integrated Preservation Software: System Manager Training (Proposed)				----- Months and Dates TBA -----									
Issues in Public Interpretation of Archeological Materials and Sites												TBA	
Preservation and Protection of Museum Collections				Month and Dates TBA									
U.S. Department of Treasury, Federal Law Enforcement Training Center	Archeological Resources Protection	Month and Dates TBA											

TRAINING CALENDAR, 1992: STATE AGENCIES

AGENCY NAME	COURSE DESCRIPTION	DATES											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Arizona State Historic Preservation Office	Certified Local Government Annual Workshop Section 106 Training						TBA				TBA		
California Office of Historic Preservation	Certified Local Government Workshop					TBA							
Connecticut Trust for Historic Preservation	Workshop on Historic Districts and Property Commissions	Month and Dates TBA											
[Florida] Museum of Florida History	Archeology: Key to the Past				TBA								
[Iowa] State Historical Society of Iowa, Historical Division	Certified Local Governemnt Workshop for Iowa CLGs							26-27					
Massachusetts Historical Commission	Certified Local Government Workshop Survey and Planning Grant Workshop			TBA			TBA						
Nebraska State Historical Society	Technical Outreach Workshop	Month and Dates TBA											

TRAINING CALENDAR, 1992: UNIVERSITIES

UNIVERSITY NAME	COURSE DESCRIPTION	DATES											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Eastern Illinois University	Improving Interpretation Through Improved Documentation in Historical Collections				4								
University of Arkansas at Little Rock	Historic Parks Planning and Development							10-----15					
University of Hawaii at Manoa	Pacific Preservation Field School						28-----25						
University of Nevada, Reno	Archeology for Managers Archives: An Introduction Current Archeology: An Overview Geomorphology in Archeological Analysis Identifying and Evaluating Historical Resources Keeping the Courts Out of Land Managing Lithics Preparing Agreement Documents Under the National Historic Preservation Act Presenting the Past to the Public Theory in Contemporary Archeology	6-7	3-14		6-7 TBA 30-----3 2-4				TBA				
		30-31	20-21	30-31		TBA 28-29 TBA		10-11					
		27-30											
University of South Carolina	South Carolina Classroom Archeology: Summer Institute for Social Studies Teachers						15-26						
University of Vermont, Historic Preservation Summer Institute	Conserving the Countryside Environmental Simulation Workshop							-----TBA----- -----TBA-----					

Federal Archeology Report

TRAINING CALENDAR, 1992: OTHER ORGANIZATIONS

ORGANIZATIONS NAMES	COURSE DESCRIPTION	DATES														
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.			
Campbell Center for Historic Preservation Studies	Care of Collections Courses Collection Care Core Curriculum		21													
Chicora Foundation	Critter Others: Integrated Pest Management for Museums, Libraries, and Archives Preserving Collections in a Hostile Environment: Environmental Monitoring and Control		27													
Getty Conservation Institute Training Program	Rock Art Site Protection and Management		24-29													
Historic Massachusetts, Inc.	Annual Statewide Preservation Workshop Leadership Workshop					TBA										TBA
Jefferson's Poplar Forest	Restoration Field School							5-19								
National Preservation Institute	Island Nations of the Caribbean: History, Historic Architecture, Archaeological Resources Professional Workshop in the Use of Computers for Historic Preservation (Proposed)					1-2 TBA										
National Trust for Historic Preservation	National Town Meeting on Main Street				13-15											

DESCRIPTION OF TRAINING COURSES, 1992: OTHER ORGANIZATIONS

(Continued from page 15)

Title: Professional Workshop in the Use of Computers for Historic Preservation (Proposed)

Date and Location: May-June, 1992, specific dates TBA, Washington, DC.

Description: Overview of various computer programs available from/under development by NPS, Advisory Council, Army Corps of Engineers, GSA, State offices—used to automate the registration, management, protection and research of historic properties, including the use of GIS and computer-aided design. Demonstrations and hands-on access on Day 2 for programs presented on Day 1.

Audience: Architects, Archeologists, City and Regional Planners, Community Activists, Developers, Historians, Landscape Architects, Real Estate Professionals.

Contact: Carol Gould, National Preservation Institute, 401 F St., NW., Rm. 301, Washington, DC 20001; 202-393-0038.

Organization: National Trust for Historic Preservation

Title: National Town Meeting on Main Street

Date and Location: April 13-15, 1992, Tulsa, OK.

Description: Focus for this meeting: Cultural Heritage—as affected by ethnicity, topography, economy. Effect on built environment, the arts, tourism. Transportation issues, the impact of the bypass, one-way traffic, signage, parking. Small Town Revivals—the shift to the simpler life. Expanded case studies.

Audience: Main Street Program Managers, City Planners, Main Street Boards and Committees, Downtown Revitalization Professionals, Interested Others.

Contact: Linda Donovan Harper, National Trust for Historic Preservation, National Main Street Center, 1785 Massachusetts Ave., NW., Washington, DC 20036; 202-673-4221.



CORRECTIONS

The caption of the photo illustrating "Arizona Studies the Past to Find its Future" that appeared in the September 1991 issue, page 8, of the *Federal Archeology Report* should read: Jerome State Historical Park, Jerome, AZ.

In "NOTES," page 26, of the same issue, the correct telephone number for the National Endowment for the Humanities is (202) 786-0438.

Archeology Worldwide

International Cooperation Rescues Monuments of Ancient Burmese City

The United Nations Educational, Scientific and Cultural Organization (UNESCO) started a project in 1978 to preserve the cultural heritage of Burma, the Union of Myanmar, with priority being given to monuments of the ancient city of Pagan that were damaged by a strong 1975 earthquake. Work on follow-up projects is still on going, supported by several individual countries and the United Nations Development Programme (UNDP).

Pagan, according to legend, was the capital city of a federation of 19 villages from around A.D.1044 until the Mongol invasion in 1287. Today 2,217 monuments are listed by the Burmese Department of Archaeology in the Pagan area along the Irrawaddy River south of Mandalay, about half the number said to have been there in the 15th century.

Monuments associated with Buddhism include monasteries, ordination halls, temples, and stupas. Stupas are solid structures with usually bell shaped domes resting on receding terraces, topped by conical spires. Temples are mostly square in plan with internal space designed around a central shrine housing a Buddha image under tiered roofs or terraces rising up to either square or bell shaped towers. Monuments vary in size from 1-room huts to temples reaching as high as modern 20-story buildings. Their outlines depend on the features of their upper parts, such as spires, towers, corner stupas, and urns or turrets. Stucco carvings on the outside and mural paintings inside help make each monument unique.

The monuments were constructed of high-grade bricks joined by clay mortar that becomes slippery and expands with dampness. It is gradually washed out by rains if waterproofing is not maintained. Some major monuments that have always been important places of worship and pilgrimage for the Burmese people have been regularly maintained and periodically renovated.

A great number of neglected secondary monuments, ranging in condition from fair to ruined, still have to be studied, recorded, and systematically photographed. These provide a record of the evolution of Burmese architecture during the Pagan period. The earthquake damage caused

grave concern among the Burmese people, who donated funds for restoration of this symbol of national unity and place of cultural and religious importance to them.

Emergency work to prevent further damage had begun at Pagan, with UNESCO/UNDP assistance, soon after the 1975 earthquake. The UNESCO project started with a survey, photogrammetric records, and inventory of historic monuments.

Experts from Italy initiated work on conservation of mural paintings and stucco decorations while Yugoslavian scientists developed methods for improving the ability of Pagan monuments to withstand future earthquakes. Selected temples were strengthened and restored as funds became available. Germany gave financial support for the restoration of Temple Ywa-Haung-gyi. Foreign missions, in addition to supplying technical assistance, expertise, and advise, trained Burmese specialists to form a team to carry on this conservation effort.

Repaired monuments were returned to their former appearance. Masonry was repaired, cracks filled in, collapsed elements were reconstructed with bricks and mortar, and loose stucco parts were refitted. In some cases reinforced concrete was used to stabilize the masonry. Since then, long-term projects have been aimed at restoration of paintings and stucco, conservation of timber monasteries, and strengthening structures to ensure stability of walls, vaults, and terraces to endure future earthquakes. A *Pagan Newsletter* has been published annually with wide distribution.

UNDP assistance has increased recently. Experts from the International Centre for the Study of the Preservation and Restoration of Cultural Property located in Rome undertook two missions to Pagan in 1991, and additional equipment and chemicals are being provided for preservation work. Plans are going forward for the development of a tourism program designed to involve international visitors in the conservation process at Pagan.

For more information, contact **Christian Manhart, Division of Cultural Heritage, UNESCO, 7, Place de Fontenoy, 75700 Paris, France.**

ARCHEOLOGY WORLDWIDE

(Continued from page 19)

1991 CSCE Symposium

The 14-member U.S. delegation to the Conference on Security and Cooperation in Europe (CSCE) Symposium on the Cultural Heritage held May 28-June 7, 1991 in Cracow, Poland, was headed by Nancy Clark Reynolds, a board member of the National Park Foundation. This first meeting for 34 CSCE countries since the profound political changes that have taken place in Europe was held to further cultural heritage protection and preservation efforts through international sharing of ideas and program information and the encouragement of cooperative efforts.

U.S. Delegate Ann Hitchcock, Chief Curator for the National Park Service (NPS), distributed 200 "Take Pride in America" archeological theme bookmarks as well as other cultural resources publications. She provided information to the 400 Symposium participants on NPS activities and its role in cultural heritage preservation in the United States. Her paper, "Priorities in Heritage Preservation," served as a basis for three formal presentations and was used by U.S. negotiators in drafting the concluding document for the Symposium. Other U.S. delegates spoke on illicit trade and repatriation under the 1970 UNESCO Convention; the need for the Council of Europe to sponsor

Sino-American Archeology

Xian Jiaotong University in China and the Fudan Museum Foundation of Ambler, PA, with the co-sponsorship of the Archaeological Institute of the Chinese Academy of Social Sciences, Xian Branch, and the Archaeological Institute of Shaanxi Province, China, are inviting American experts in archeology and related sciences to attend a 1-week Sino-American Archaeological Colloquium January 10-20, 1992, in Xian, to exchange ideas on methodology and prepare a long range international collaboration.

Also being planned is a Second Annual Summer Archaeological Practicum to be offered in 1992 by the Sino-American Field School of Archaeology at Xian Jiaotong University to train sinologists and sponsor Chinese-American archeology technical information exchange. For further information on the colloquium or field school, contact **Dr. Alfonz Lengyel, Fudan Museum Foundation, 1522 Schoolhouse Road, Ambler, PA 19002; telephone (215) 699-6448.**

African Archeology Journal

Volume 20 of the *West African Journal of Archaeology (Journal)*, the 1990 issue, is titled *Cultural Resource Management: An African Dimension*. It contains papers from a forum on cultural resources management held during a conference honoring Professor Thurston Shaw, founding editor of the *Journal*. For information on subscriptions and postage rates, back issues and other publications, write to the *West African Journal of Archaeology*, c/o Department of Archaeology and Anthropology, University of Ibadan, Ibadan, Nigeria.

discussions on multi-culturalism; Federal, State, local, and private partnerships in historic preservation; and the importance of preserving and interpreting the range of sites that constitute the national heritage.

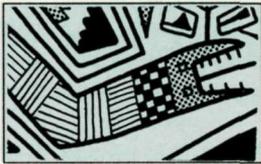
In the interest of expanding public awareness of archeological preservation, Sweden proposed coordination of exhibits on various topics and suggested starting with the Bronze Age. The United States suggested that all archeological exhibits include information on threats to such resources and protective actions that are needed. Malta reported that the European agreement on the archeological heritage should be available for the meeting on urban archeological heritage to be held there in January 1991.

In their concluding document the participating nations agreed to work to increase public awareness of cultural preservation, to consider establishing coordination of research and actions to reduce the impact of air pollution on cultural resources, to establish national registers of skilled craftsmen, to improve storage conditions and preservation standards, to cooperate in preventing illegal trafficking in objects, to set priorities for preservation, and to protect archeological resources, including those underwater.

IUPPS Congress

The 12th Congress of the International Union of Prehistoric and Protohistoric Sciences (IUPPS) convened in Bratislava, Czechoslovakia, Sept. 1-7, 1991. Response to papers devoted to statistical analyses and sampling, computerization of archeological field and collection data, remote sensing, and rock art revealed the international appeal of such topics. A session titled "The Settlement of

(Continued on page 29)



ARCHEOLOGICAL PROTECTION EFFORTS

\$2,900 Reward Offered

Vandals recently knocked out wooden beams put in place by Anasazi builders between 800 and 1,200 years ago in what is now Glen Canyon National Recreation Area and burned them as firewood. A \$2,900 reward has been offered for information leading to the civil or criminal conviction of those responsible for this malicious destruction of the Three Roof Ruin in Escalante Canyon.

A National Park Service archeologist making a special trip on July 11, 1991, to monitor visitor pressure on Anasazi ruins in the Arizona park discovered the outrage. Sometime during the previous six to eight weeks unknown individuals had forcibly removed five wall beams from one ruin and one ceiling beam from another and burned them in a "campfire" set inside the protected alcove, adjacent to the ruins. Restoration and damage costs to the site are expected to total more than \$20,000.

Glen Canyon Acting Superintendent Larry May immediately pledged a reward of \$499 for information leading to the arrest and conviction of the person(s) responsible for this act. Private citizens and organizations equally disturbed by the destruction of this ancient ruin also made pledges bringing the reward up to \$2,900. Anyone who may have witnessed suspicious behavior or seen a boat nearby or a bonfire at Three Roof Ruin during late spring or early summer is urged to contact the National Park Service at (602) 645-8883.

May hopes that publicity about this destruction will create concern for irreplaceable prehistoric treasures in everyone who uses national parks. He has asked that park visitors

report any suspicious behavior and speak out if they see others doing things that could destroy park resources. "We cannot do the job alone," May said, "We need everyone's help."

Woman Fined for Surface Collecting

A Klamath Falls resident recently pleaded guilty to violations of the Archaeological Resources Protection Act (ARPA) and paid a \$100 fine after she was charged with removing archeological materials from public lands without a permit while surface collecting near Gerber Reservoir in Oregon. The case serves to improve visitor awareness about the need to preserve non-renewable archeological resources. Protection of archeological resources in the region involves cooperation among the Bureau of Land Management, Forest Service, Oregon State Police, and the Klamath County Sheriff's Department. The public is urged to report archeological crimes on public land by calling 1-800-333-7283. For additional information, contact the **Bureau of Land Management Oregon State Office, P.O. Box 2865, Portland, OR 97208.**

Indiana Case Tests ARPA

Charges of looting and selling artifacts from a prehistoric burial mound west of Evansville, IN, have been brought against a well known collector and founder of an Indian artifacts show. This is reported to be the first time the 1979 Archaeological Resources Protection Act (ARPA) has been used in a case involving looting of an archeological site on private land.

The Indian mortuary, on land owned by General Electric, was first looted in 1988 by a bulldozer operator during highway construction, who has since pleaded guilty to one count of violating ARPA Section 6(c) and is awaiting sentencing. He has testified that he not only sold relics to the collector, but led him to the site to uncover more artifacts. The collector, now charged with several felony ARPA counts for removing, transporting, buying, and selling artifacts, then allegedly returned to the site with men he hired to help him remove at least 5,000 artifacts, including human bone, that were valued at close to \$20,000.

While under indictment for looting, the collector organized and held his annual show of American Indian art in Owensboro, IN, which drew some 3,500 people and around 200 exhibitors in 1990. At this show, the indictment alleges, looted artifacts were sold, while the collector kept the most valuable artifacts for himself.

ARCHEOLOGICAL PROTECTION EFFORTS

(Continued from page 21)

The men allegedly hired by the collector are facing single ARPA counts, one felony and one misdemeanor, for their part in the looting. The collector, if convicted, could face up to 12 years in prison and \$1 million in fines. Another person has pleaded guilty to State trespassing charges and surrendered artifacts taken from the site. He is awaiting sentencing. More than 2,000 additional artifacts have been returned by almost a dozen individuals who have cooperated in the investigation and agreed to return the artifacts they took from the site.

Three Plead Guilty to ARPA Violations

Two Baton Rouge, LA, men pleaded guilty July 26, 1991, to charges under the Archaeological Resources Protection Act (ARPA) of unauthorized digging, in May 1990, in the Vicksburg National Military Park, MS. Their sentences included fines of \$5,000 each plus an additional \$1,379 each for restoration costs and forfeiture of all items seized in the crime, including four metal detectors and a 1988 Bronco. Each must also complete 200 hours of community service, cooperate with the authorities in providing details of the incident, and stay out of all Federal and State Civil War parks for a period of two years.

A Clinton, MS, man also was involved in the incident but received a separate trial. He pleaded guilty to charges under ARPA and received a similar sentence, less the \$1,379 restoration fee. The case was investigated by park rangers aided by National Park Service archeologists and cartographers from Big South Fork National River and Recreation Area and the Southeastern Archaeological Center in Tallahassee, FL. For details, contact the **Vicksburg National Military Park, 3201 Clay St., Vicksburg, MS 39180.**

Brothers Guilty of Looting

Park rangers arrested two brothers in the Shiloh National Military Park in Tennessee on Feb. 24, 1991, seizing two metal detectors, a 1983 Toyota Tercel, and 174 Civil War artifacts. A search of the area led to the discovery of 79 instances of digging and looting covering over 4.7 acres.

The two were found guilty by a jury on July 24,

1991, of violating the Archaeological Resources Protection Act (ARPA) and Destruction of Government Property and Conspiracy laws. They have been sentenced to two months in prison, three years probation, two months in a community treatment center, a restitution fee of \$7,564 each to cover \$15,000 in archeological damage to the park, and special assessment fees of \$150 each. Both are barred from entering any National Military Park for three years, and they may not possess any firearms or dangerous weapons for that time.

The ARPA investigation made by rangers in connection with this case uncovered a number of other illegal activities that are still under investigation. For additional information, write the **Shiloh National Military Park, Shiloh, TN 38376.**

Grave Robbers Hit Isle Royale

Park rangers are currently investigating the looting of a grave site on Isle Royal National Park's Cemetery Island that occurred during the last eight days of June 1991. The grave robbers dug up the remains of a unnamed miner's child who perished during the first Michigan copper mining boom in the 1850s. No remarkable grave goods were associated with the burial; however, the looters dug down four feet and took everything except small bone fragments.

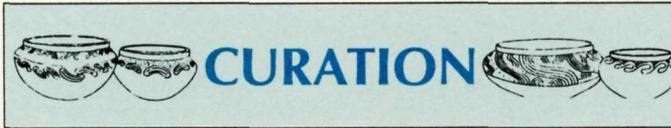
A \$500 reward is being offered for any information leading to the arrest and conviction of those responsible for this act. Persons with any information on this crime or other unusual activities at Cemetery Island are encouraged to contact park officials at **Isle Royale National Park, 87 North Ripley St., Houghton, MI; telephone (906) 482-0986.**

Burial Regulations Published

Changes made in 1989 in the Virginia Antiquities Act authorize the Department of Historic Resources to issue permits in lieu of court orders for archeological field investigations of unmarked human burials. After a 2-year public participation process the Virginia Board of Historic Resources adopted final regulations covering this and other changes, which were published in July 1991. For information

about the law and new burial regulations, contact **State Archeologist M. Catherine Slusser, Virginia Department of Historic Resources, 221 Governor St., Richmond, VA 23219; telephone (804) 786-3143.**



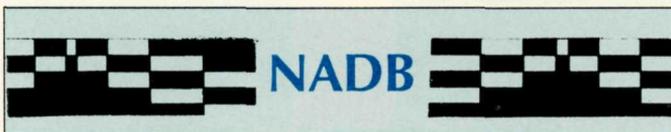


NEH Museum Grants

More than \$12 million in National Endowment for the Humanities (NEH) grants will be administered in the coming year by the newly renamed NEH Division of Preservation and Access. Nearly half of the 29 grants fall under auspices of the National Heritage Preservation Program (NHP), established in 1990 to provide assistance to museums, historical organizations, and State agencies that care for historic, ethnographic, and archeological artifacts.

NHP grants include \$700,000 to the Natural History Museum of Los Angeles County to rehouse American material culture collections; \$591,000 to the Shelburne Museum in Vermont to install climate control systems in its exhibition buildings; \$460,512 to the Peabody Museum of Salem, MA, for climate controls and equipment for the museum's storage facility for Native American artifacts; and \$320,463 to the University of Kansas Museum of Anthropology to install an environmental system to preserve anthropology collections.

More information on these grants is available from the **National Institute for the Conservation of Cultural Property, 3299 K St., NW., Washington, DC 20007.**



The on-line version of the National Archeological Database (NADB) Reports, containing more than 90,000 records of reports, is working remarkably well. Federal agencies, institutions, or individuals who would like to access the on-line system can do so by contacting the NADB Coordinator in the Washington office for details.

The Southwestern Division of the U.S. Army Corps of Engineers (COE) is planning an archeological overview of the Central and Northern Great Plains. The Reports software developed for the NADB will be used to enter citations pertinent to the overview. The citations, numbering more than 7,000 from a similar overview of the South-Central United States by the Southwestern Division of COE and the Arkansas Archeological Survey are already on-line.

RMRO Update—In August 1991, the Rocky Mountain Regional Office (RMRO) of the National Park Service (NPS) and the Southwestern Division of COE entered into a 5-year Cooperative Agreement to use the NADB-Reports software (Version 2.01) to enter data on reports. RMRO will provide training and technical support for users. The RMRO NADB Coordinator will contact the appropriate State Historic Preservation Officer(s) (SHPO) to work out a mutually agreeable way to provide copies of the records.

MARO Update—SHPOs in Ohio, Pennsylvania, and West Virginia have signed agreements with the NPS Mid-Atlantic Regional Office (MARO) to provide records of reports to NADB on a yearly basis. As of October 1991 agreements are pending with Connecticut, Vermont, and Maryland. Massachusetts, Indiana, Michigan, and New York already have computerized bibliographic systems, and MARO is now exploring the possibility of records acquisition and exchange arrangements with them.

The NADB Coordinator and NADB Regional Coordinators can now be contacted through electronic mail. The Washington office address is: **Internet:waso-nadb@nps.doi.compuserve.com.**

For the regional offices substitute for waso-nadb the following: **maro-nadb** (Mid-Atlantic Regional Office in Philadelphia); **sero-nadb** (Southeast Regional Office in Atlanta); **rmro-nadb** (Rocky Mountain Regional Office in Denver); **wro-nadb** (Western Regional Office in San Francisco); and **aro-nadb** (Alaska Regional Office in Anchorage).

For further information, contact **Veletta Canouts, NADB Coordinator, Departmental Consulting Archeologist/Archeological Assistance, National Park Service, P.O. Box 37127, Washington, DC 20013-7127; telephone (202/FTS)-343-4101; FAX (202/FTS)-523-1547.**

Archeologists who are interested in following the literature on new and developing computer applications in cultural heritage programs and archeological research may wish to subscribe to a computing newsletter, published for the past six years in England. Request subscriptions, \$12.00 (U.S.) for four issues a year of the *Archeological Computing Newsletter*, from the **Institute of Archaeology, University of Oxford, 36 Beaumont St., Oxford OX1 2PG, United Kingdom; telephone 0865-278252; Fax 0865-278254.**





PAWG



The interagency Federal archeology Public Awareness Working Group (PAWG) met in Washington on October 8, 1991. Michael Black, Acting Deputy Director, Office of Environmental Education (OEE), Environmental Protection Agency (EPA) was a guest speaker. The OEE was established in August 1990, and began in October 1991 to implement the National Environmental Education Act. Despite the lack of specific reference to archeological or historic preservation in the authorizing Act, EPA considers that archeological education should be part of its program.

OEE is developing a Training and Education Program to fund university-level projects solicited through the *Federal Register* and small local Education Grants. In November 1991, OEE sponsored a National Environmental Education Conference in Washington. OEE will be developing an Environmental Education Clearinghouse, which eventually may be electronically accessed or available on CD-ROM to all public schools, and a new quarterly periodical tentatively entitled *Earth Notes*. Individuals and organizations interested in being on the OEE mailing list should write to the **EPA Office of Environmental Education, 401 M St. SW., Washington, DC 20460; telephone (202)260-4484.**

Ann Hitchcock, National Park Service chief curator, was a second PAWG guest speaker. She reported that the Museum Property Task Force of the Department of the Interior (DOI) is meeting to develop policies and procedures by 1993 for DOI curation of all "museum property," including archeological collections and archives. Interim policy standards have been developed for documentation and storage. Copies can be requested from **Ann Hitchcock, Chief Curator, National Park Service, P.O. Box 37127, Washington, DC 20013-7127; telephone (202) 343-8138.** Included in Task Force activities will be a survey of non-Federal holdings of DOI-owned collections, which will include those at many universities and museums.

For further information on PAWG, contact **Ruthann Knudson, PAWG Coordinator, Departmental Consulting Archeologist/Archeological Assistance, National Park Service, P.O. Box 37127, Washington, DC 20013-7127; telephone (202/FTS)-343-4101, FAX (202/FTS) 523-1547.**

Bookmarks featuring pictures of historic and prehistoric archeological artifacts found in the State were distributed statewide during the second annual Virginia Archaeology Week celebrated October 5-13.

VIRGINIA ARCHAEOLOGY WEEK



A.D. 1400 - 1600
HAFTED KNIFE

Help Protect Our
Fragile Historic
and
Archeological
Sites

VIRGINIA ARCHAEOLOGY WEEK



SEVENTEENTH CENTURY
DELFTWARE BOWL

Help Protect Our
Fragile Historic
and
Archeological
Sites

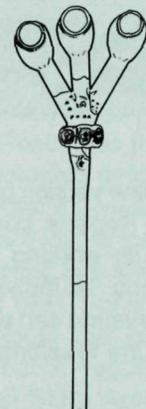
VIRGINIA ARCHAEOLOGY WEEK



11,500 - 10,000 B.P.
FLUTED POINT

Help Protect Our
Fragile Historic
and
Archeological
Sites

VIRGINIA ARCHAEOLOGY WEEK



SEVENTEENTH CENTURY
THREE BOWL PIPE

Help Protect Our
Fragile Historic
and
Archeological
Sites

PROMOTING ARCHEOLOGY

Virginia Celebrates Archeology Week

Virginia celebrated its second annual Virginia Archaeology Week, October 5-13, sponsored by the Virginia Department of Historic Resources, the Council of Virginia Archaeologists, the Archeological Society of Virginia, and the Preservation Alliance of Virginia. Some 100 events on the theme of "Discover the Past for the Future" were held throughout the State. Bookmarks (See illustration on opposite page) highlighting Virginia's archeological heritage going back at least 11,000 years, were distributed. A television spot announcement featuring public participation in archeological digs, and a poster displayed in more than 100 libraries announced the celebration. Libraries also had displays of books on the subject of archeology.

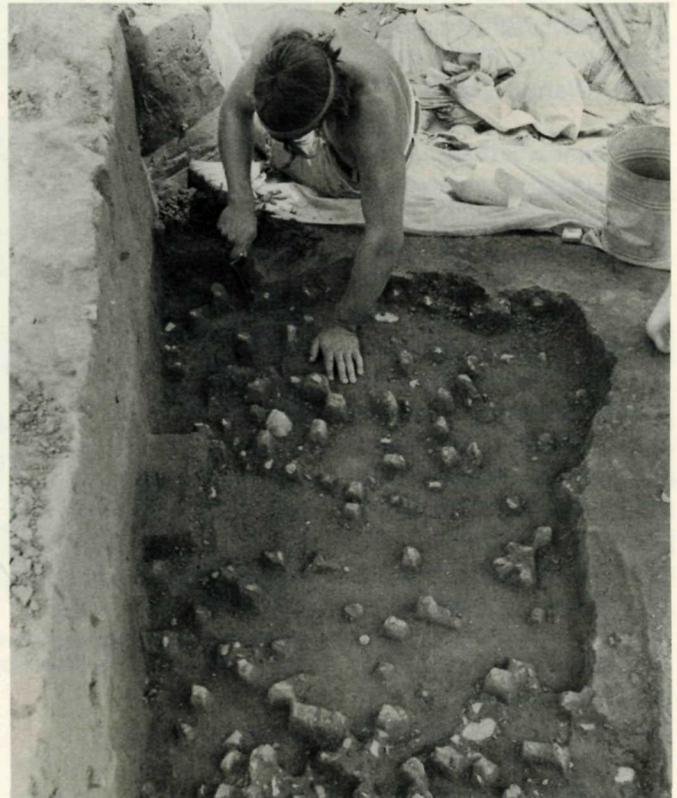
The videotape public service announcement was produced by D'elia-Wittkofski Productions of Pittsburgh, PA, pro-bono. It was sent to 25 television stations across the State and received considerable air time. A few copies of this "Discover the Past for the Future" videotape are available, on loan, to interested archaeologists, and a final report on the 1991 Virginia Archeology Week is being prepared.

For details, contact **J. Mark Wittkofski, Archeologist, Virginia Department of Historic Resources, 221 Governor St., Richmond, VA 23219; telephone (804) 786-3143.**

Legacy Protects U.S. Heritage

The Legacy Initiative (legacy) of the U.S. Department of Defense (DOD) is organized to inventory, protect, and manage biological, cultural, and geophysical resources on lands owned or used by DOD throughout the nation and its territories. Under Legacy, an integrated team of scientists, managers, and military personnel, applies its expertise and skills to developing ways to enhance DOD's natural and cultural resources programs.

An expanding network of government and non-government partners, including the National Park Service, is involved in Legacy projects. Current Legacy activities include managing Native American rock art as well historic military



Excavation at Thunderbird Site. (Photos courtesy Thunderbird Research Corporation.)

Thunderbird Site Preservation Project Receives Governor's Excellence Award

The longterm archeological resource efforts of two Virginia organizations were recognized recently when Governor L. Douglas Wilder presented an Environmental Excellence Award in the category of Historic Preservation to the Thunderbird Site Preservation Project. Sandra Speiden, Chairwoman of the Archeological Society of Virginia (ASV) Committee for the Preservation of the Thunderbird Site and member of the Board of Directors of Thunderbird Research Corporation (TRC), accepted the award on behalf of both organizations.

Over the past three and one half years the ASV and TRC, a non-profit archeological research organization that has

Federal Archeology Report

THUNDERBIRDSITE

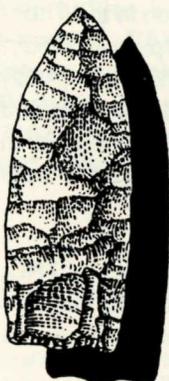
(Continued from page 25)

conducted archeological investigation of the 11,000-year-old site since 1971, have spearheaded an unprecedented campaign to purchase, and protect the Thunderbird Paleoindian Site in Warren County.

The Thunderbird Site is a National Historic Landmark. It is also internationally recognized as one of the earliest habitation sites in the Eastern United States, dating from 9,200 to 6,800 BC. The site measures 4,400 feet by 250 feet and is about 3.5 feet in depth. It exhibits a continuous stratigraphic archeological record ranging from the Paleoindian period through the Early Archaic, preserved in a series of largely undisturbed, superimposed living floors. Additionally, Thunderbird contains documented evidence of one of the earliest human structures in the Western Hemisphere.

The discovery of a complex of functionally different sites at the Thunderbird complex all fit into a total settlement pattern including jasper quarry site, lithic reduction stations, processing areas, and habitation site. Until these discoveries, prevailing opinion among those working in eastern Paleoindian studies was that these early populations were highly migratory, inhabiting no permanent settlements.

In early 1988 part of the site was bulldozed by an individual lot owner in the private housing development on which Thunderbird is located. This loss prompted the first major statewide campaign to purchase an archeological site in Virginia, with the ASV making "Save the Thunderbird Site" its official 50th Anniversary project.



This partnership has received two highly competitive grants totalling \$99,000 from the Virginia Department of Historic Resources and has raised an additional \$33,000 from



Excavators use mapping frame to map Clovis level activity areas at the Thunderbird Site, Front Royal, VA.

organizations, private foundations, corporations and individuals in 31 states to purchase over 21 acres comprising four of the five lots that encompass the core of the site. Fundraising to purchase the fifth lot is continuing.

TRC has donated protective easements to the Virginia Board of Historic Resources to ensure the long term preservation of all areas purchased through this project. The project continues to be a major force in reshaping the direction of archeology and preservation in Virginia.

For further information about this site and all the activities underway to preserve it, contact **Dr. William Gardner, Director of Thunderbird Research Corporation, 126 East High St., Woodstock, VA 22664; telephone (703)**

672-2596 or Sandra Speiden 703-672-2596.

LEGACY PROTECTS U.S. HERITAGE

(Continued from page 25)

cantonments; developing cost-effective data collection and management systems; and providing public awareness of the importance of conserving and protecting Legacy resources.

Out of 40 Legacy cultural resource demonstration projects, 14 involve the identification and management of archeological sites and related materials. Eleven cultural resource projects are designed to increase public awareness of historic buildings and archeological sites on military installations. Eight projects focus on historic buildings, and four on significant places associated with World War II. The broadest of these projects is an archeological overview of 10 states.

For details, contact **Constance W. Ramirez, Legacy Cultural Resource Management Program Manager, U.S. Army Engineering and Housing Support Center, Attn. CEHSC-FN, Fort Belvoir, VA 22060-5516; telephone (703) 355-7970.**

NOTES...NOTES...NOTES

Boy Scouts and Archeology

For more than 30 years, the Boy Scouts of America have had an ongoing archeological program at Philmont Scout Ranch in New Mexico. Over this same period unsuccessful attempts have been made to secure a merit badge in archeology. A proposal for an archeology merit badge has been prepared but the national office of the Boy Scouts has advised that "There is not sufficient interest in the United States for a merit badge in archeology." In order to demonstrate that there is sufficient interest in Scouting, a search is on for cases where Boy Scout groups or individual Scouts have worked with professional or avocation archeologists. This might involve survey, excavation, analysis, research, or any facet of a professional quality investigation. Information also is requested about Eagle Scout service projects that have involved archeology and letters of support for such a merit badge are being solicited from Boy Scouts, Scouters, avocational and vocational archeologists who support the development of such a merit badge. It will only be through education that the past can be protected for the future. The Boy Scouts of America can make a contribution to preserving our past. Send responses to **S. Alan Skinner, AR Consultants, P.O. Box 820727, Dallas, TX 75382.**

Flying Archeologists

Registry of Archaeologists Who Are Pilots was started recently by Bruce Rippeteau of the Institute of Archaeology and Anthropology at the University of South Carolina and Jim Judge of Fort Lewis College in Colorado. They have devised a form for a database registry for possible professionally related use, such as aerial photography and special trips, in both national and international archeology. To request a registry form, write to **Bruce Rippeteau, South Carolina Institute of Archaeology and Anthropology, 1321 Pendleton St., Columbia, SC 29208.**

Agencies Sponsor Workshop

The Bureau of Indian Affairs, Bureau of Land Management, Bureau of Reclamation, and Forest Service sponsored an archeology workshop July 8-12, 1991, through the Native American studies program at Eastern Montana College in Billings. Designed as a basic introductory course in archeology with academic credit, the workshop included lectures and a 2-day field trip to sites in the Pryor Mountains. It was

directed at Native American college students, but was also open to the general public.

The four agencies cooperated in organizing lectures and the field trip and also provided funds for honoraria for guest lecturers and financial support for Native American college students attending the class. For details, write **Marvin Keller, Branch of Land and Minerals, Bureau of Indian Affairs, 316 North 26th St., Billings, MT 59101.**

Tribal Museum

The Navajo Tribal Museum will soon be housed in a new Visitors Center to be built by the Navajo Parks and Recreation Department in Window Rock, AZ, near the Navajo Nation Zoological Park. Since its creation in 1961, the Museum has been devoted to the collection, preservation, and interpretation of Navajo archeological, historical, and ethnographic material culture and the promotion and display of contemporary Navajo fine art. Since April 1991 it has been administered by the Navajo Nation Historic Preservation Department, which plans to continue and enhance the Museum's many roles, especially as an educational tool for the Navajo Nation. For more information, contact **Alan Downer or Alexa Roberts at the Navajo National Historic Preservation Department, P.O. Box 2898; telephone (602) 871-6437.**

Expedition Volunteers Sought

Volunteers are needed for a few weeks next summer to join University of California researchers on archeological expeditions sponsored by the University Research Expeditions Program. These include excavation of an unexplored Chumash Indian site in central California; a survey of paleolithic hunter-gatherer settlements in Chinese Inner Mongolia; a study of vestiges of an early medieval monastery in County Kerry, Ireland; and exploration of Fremont Indian settlements along the Utah-Nevada border.

Participants make tax deductible contributions to cover their expenses and to help defray research costs. Most projects do not require previous experience. A special program enables teachers to apply for grants and receive help in integrating field experience into curriculum and classroom activities. Student scholarships also are available. For a catalogue and application, contact the **University Research Expeditions Program, Deck L-02, University of California, Berkeley, CA 94720; telephone (510) 642-6586.**

NOTES

(Continued from page 27)

Excavation in Hungary

American archeologists are invited to take part in a joint Bronze period excavation near Budapest, Hungary. Details are available from **Dr. Alfonz Lengyel, President, Fudan Museum Foundation, 1522 Schoolhouse Road, Amblerville, PA 19002; telephone (215) 699-6448.**

SAA Plans National Database

The Society for American Archaeology's (SAA) Committee on the History of Archaeology met as an advance seminar at the School of American Research in Santa Fe, NM, recently to discuss ways to enhance identification, preservation, and conservation of documentary materials related to the history of archeology in the United States.

Archeological activities in the Americas over several hundred years have generated an enormous body of documentary material that is widely dispersed, difficult to access, and in many cases unidentified. This Committee plans to establish, over the next seven years, a central SAA office to manage, expand, and disseminate a database containing all documents within the United States pertinent to the history of archeology.

The Committee will contact major repositories, investigate computer systems, draft a prototype survey form and list of procedures, and choose a location for its Central Office. This office, under a central coordinator, will oversee a pilot survey of archeological documents in three or four States selected from different regions to set up the database and ease its operation.

This Central Office will carry out an ongoing survey of all materials in the United States pertinent to the history of archeology, supervise data entry at cooperating institutions and manage the constantly growing database. Eventually it is expected to branch out into a number of different activities aimed at promoting the history of archeology and disseminating information on source materials.

For further information on this Committee, write to **Dr. Douglas R. Givens, Chair-SAA Committee on the History of Archaeology, Department of Anthropology, St. Louis Community College-Meramec, 11333 Big Bend Blvd., St. Louis, MO 63122.**

New AAD Consultant

Bruce Penner has joined the National Park Service Archeological Assistance Division (AAD) staff as an archeological consultant through a cooperative agreement with the National Conference of State Historic Preservation Officers. Penner has a B.A. in Anthropology from the University of Tennessee at Chattanooga and is currently a second-year graduate student at the University of Maryland at College Park. He plans to graduate with a M.A. in Applied Anthropology in May 1992. His primary responsibilities will be managing the LOOT (Listing of Outlaw Treachery) Information Clearinghouse, converting LOOT into a queriable computer database, and other activities related to AAD programs in archeological protection.

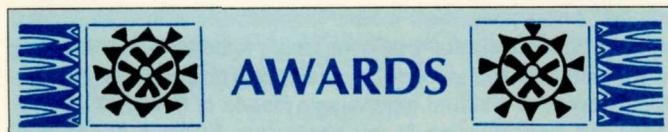
Centennial Inspires New Ruins Preservation Consortium

In concert with the centennial anniversary of the first documented stabilization work at Casa Grande Ruin in southern Arizona, a new preservation society has been proposed. Tentatively called the Ruins Preservation Consortium, this group would provide a forum for information exchange among the disciplines dealing with ruins preservation/stabilization: archeologists, prehistoric and historic architects, soil scientists and chemists, structural engineers, and other preservation practitioners who deal with stone, earthen, mud/adobe, or wooden structures built in the Native American or southwestern Euroamerican traditions.

Potential topics of Society interest include, but are not limited to: (1) aspects of deterioration; (2) "hard science" studies; (3) preservation materials testing; (4) architectural documentation packages/case studies; (5) preservation philosophy, issues, project design and implementation; (6) anthropological studies of architecture, behavior, and proxemics; (7) condition assessments; and (8) training, education, and professional qualifications.

A questionnaire has been developed to help identify the appropriate level of information exchange, i.e., meetings, bulletins, journal, etc., and the necessary dues structure to support such a consortium. Interested persons should contact either **Todd Metzger or Larry Nordby, 1028 Osage Circle, Santa Fe, NM 87501; telephone (505) 989-8528, (505) 988-6778, or (202) 343-4104.**





Secretary Lujan Receives Award



Secretary of the Interior Manuel Lujan, Jr., second from right, accepts the Society for American Archaeology's (SAA) 1991 "Golden Trowel" Public Service Award. Shown with Secretary Lujan during the Washington, DC, ceremony are, left to right, SAA members William Lovis, President Prudence Rice, Jerry Sabloff, and Loretta Neumann.

Secretary of the Interior Manuel Lujan, Jr. was presented with the Society for American Archaeology's 1991 "Golden Trowel" Public Service Award during ceremonies in Washington, DC, Oct. 24, 1991. The award recognized Lujan's contributions toward preservation of public lands and archeological sites as Secretary of the Interior and throughout his more than 30 years of public service.

In accepting this award Secretary Lujan stated, "In March 1990 I announced a national strategy to guide Federal archeology, and directed the bureaus within the Department of the Interior to strive for certain goals in their archeological and related programs. These goals include increased efforts to educate the public, better preservation of the in situ archeological record, better interagency information exchange, improved curatorship of archeological collections, and increased archeological site inventories. I am happy to report that we have made substantial progress in a number of these areas."

Secretary Lujan updated this national strategy and released it as a statement of policy during October 1991. He has consistently sought to protect archeological sites and Indian remains, and started, in 1990, a Civil War Battlefield Initiative to protect sites on public and private lands through cooperative planning and funding agreements with land-owners and some purchase of key sites.

Excellence Award Goes to Haas

Daniel R. Haas, forest archeologist at Shawnee National Forest in southern Illinois, has received a National Award of Excellence from the Forest Service (FS) for his contributions to the "Windows on the Past" program. This national initiative includes efforts to improve the public's understanding of the national heritage, development of cooperative ventures with local organizations and groups to enhance cultural resources, and creation of interpretive opportunities. Haas received FS recognition in 1989 for helping Federal, State, and Native American groups reach agreement on the issue of Native American reburials.

Pawnee Honor History Professor

Washington State University Public History Professor Orlan Svingen was honored by the Pawnee Nation during a December 1991 ceremony at Tribal headquarters in Oklahoma for his work toward the return to the Tribe of the remains and burial from 403 Pawnee graves in Nebraska. While on the Nebraska Wesleyan University staff during the 1980s, Svingen made a study of early 1900s excavations of Pawnee burial grounds for which there were no permits. He also investigated the disposal of those collections. His report contributed to the legislative effort undertaken for the 1989 "Nebraska Unmarked Burial Sites and Skeletal Remains Protection Act."



IUPPS CONGRESS

(Continued from page 20)

America" included papers of wide-ranging temporal and geographical focus. Other papers addressed radiometric dating for the earliest Upper Paleolithic sites in Spain, a proposal for the date and origin of Indo-European culture, and the ages of New World sites.

Excursions through Bohemia, Moravia, and Slovakia presented a broad temporal range of occupation sites and perspectives on excavation strategies. Congress attendees could focus on sites of a given temporal/cultural period or visit loci of varied cultural phases. The Archeological Institute of the Slovakian Academy of Sciences in Nitra hosted the Congress with assistance in organizing and presenting tours by the Archeological Institutes of the Czechoslovakian Academy of Sciences in Brno and Prague as well as several regional museums such as the Moravian Museum in Brno. IUPPS will reconvene in 1996 in Bologna, Italy.



PUBLICATIONS



Preservation Technology Support and Preservation Strategies

The U.S. Army Corps of Engineers (COE) Waterways Experiment Station (WES) has produced two publications about preservation programs, technology, and operational strategies. The first is a large format, 34-page promotional booklet titled *Support to Cultural Resources Management/Historic Preservation: Expertise, Facilities, Equipment*. It describes WES organization, capabilities, and accomplishments, but it also does a bit more. Under each technology category there is a series of relevant questions followed by short discussions of how various applications of appropriate preservation technology can provide solutions. Among the categories are site detection, paleoenvironmental reconstruction, materials identification, impact assessment, monitoring, site protection, and data management. The booklet is a handy outline of applications of preservation technology.

The second publication, titled *Historic Property Protection and Preservation at U.S. Army Corps of Engineers Projects*, is the result of a study conducted to assist COE historic property managers to identify site impacts and select appropriate protection and preservation strategies in operation and maintenance (O&M) projects. It emphasizes agency missions, reviews internal organizational structure, and describes how the historic preservation process is integrated into O&M, particularly at the district level. There is a clear demonstration of the role of planning, and how that is accomplished through development of the Historic Properties Management Plan. This document provides the basis for undertaking comprehensive preservation efforts at appropriate, efficient project levels. The chapter on impact mitigation addresses several topics, including public awareness, avoidance, intentional burial, interpretation, site protection, and stabilization. The legal background, including an appendix with precise legal citations, and COE policies that authorize and justify the range of management options are not neglected.

These two publications are the latest in an extensive and significant effort by COE to provide the technical information and guidance needed to improve archeological preservation service-wide. Because COE is involved in land management, development, and regulatory projects, this information is important for all levels of public archeology. For further information, contact **Paul Nickens, U.S. Army Corps of Engineers, Waterways Experiment Station, CEWES-EE-R, 3909 Halls Ferry Road, Vicksburg, MS 39180-6199; telephone (601) 634-2380.**

Professional Services

The October issue of the Southeastern Archaeological Conference (SEAC) *Newsletter* contains an article by H. Edwin Jackson titled "Locating a CRM Archaeologist: A Survey of Southeastern State Agencies." It is based upon a 1989 study conducted by the Mississippi Association of Professional Archaeologists as part of an initiative to increase assurances of professional performance by cultural resource management archeologists working in the State. There is information about the ways State and professional agencies identify available consultant services and an evaluation

of what these processes mean. It concludes with a balanced, businesslike discussion that contributes to better understanding of the complexities involved in evaluating professional credentials. Copies of this and other single issues of the *SEAC Newsletter* are available for \$1 by contacting **Eugene M. Futato, Associate Editor (Sales), Office of Archaeological Research, 1 Mound State Monument, Moundville, AL 35474; telephone (205) 371-2266.**

Taos Conference Report

Save the Past for the Future: Actions for the '90s is the final report of the Taos Working Conference on Preventing Archaeological Looting and Vandalism held in May 1989 in Taos, NM. It contains the major findings and recommendations of the conference and reflects the views of a wide variety of experts in archeological research and protection and cultural resource management. Single copies are available, while supplies last, from the **Publications Specialist, Departmental Consulting Archeologist/Archeological Assistance, National Park Service, P.O. Box 37127, Washington, DC 20013-7127; telephone (202) 343-4101.**

Developers' Handbook

A guide of interest to commercial, residential, and industrial developers, agency planners and coordinators, architects, and engineers is *Archeology for Business People: A Handbook for South Carolina Developers and Planners*. It includes information on major laws and guidelines that affect development projects, on the disposition of artifacts, and on making realistic plans and budgets. There is also a reference guide telling where to look for answers to other questions that come up in the environmental permit process. The guide was written by two Columbia, SC, consultants, Lesley M. Drucker of AF Consultants and Paul S. Storch of Conservation Consultation and Treatment Services. To order a copy, send \$2 for postage and handling to **AF Consultants, 6546 Haley Drive, Columbia, SC 29206.**

Technical Report

Technical report EL-91-6, *Perspective on Archeological Site Protection and Preservation*, edited by Paul R. Nickens, consists of papers from two symposia sponsored by the U.S. Army Corps of Engineers Environmental Impact Research Program. Topics discussed include planning and implementation, Federal and State agency regulations and policies, project monitoring, research, and case studies. Copies are available from the **National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161.**

Navajo Nation Paper

A national perspective on issues is taken in *Preservation on the Reservation: Native Americans, Native American Lands and Archeology* edited by Anthony Klesert and Alan S. Downer. This report on a conference held at the Heard Museum in Phoenix, AZ, sponsored in part by the Arizona Humanities Council, highlights Native Americans and Federal cultural resource management law and the interaction of Native Americans, archeologists, and industry. Copies are available for \$10 to cover postage and handling

costs from the **Publications Editor, Navajo Nation Archaeology Department, P.O. Box 689, Window Rock, AZ 86515.**

MRS Report

The Material Research Society's *Material Issues in Art and Archaeology II* includes 71 papers given at the Society's 1990 spring meeting on issues posed by ancient materials. It was edited by Pamela B. Vandiver, James Druzik, and George Segan Wheeler. It can be ordered, \$52 per copy, from the **Materials Research Society Publications Department, 9800 McKnight Road, Pittsburgh, PA 15237; telephone (412) 367-3012, FAX 412-367-4373.**

Virginia Archeology Books

The Virginia Department of Historic Resources offers several series of publications containing archeological titles. For a listing of titles available, write to the **State Archeologist, Virginia Department of Historic Resources, 221 Governor St., Richmond, VA 23219.**

Teachers' Resource Materials

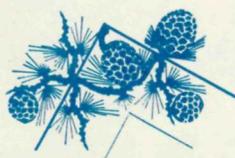
A publication titled *Illinois Archaeological Resource Materials With Annotated Bibliography for Teachers* is available as Illinois Archaeology Education Series, No.1. Written by Joyce A. Williams, a staff archeologist with the Illinois Historic Preservation Agency, this publication brings together teaching articles, museum addresses, craft suppliers, replicators, and a bibliography organized by grade level. Copies are \$3 each and may be ordered from the **Archaeology Section, Illinois Historic Preservation Agency, Old State Capitol, Springfield, IL 62701.**

Maryland Publications Available

A list of publications from Maryland ranging from research papers and manuscripts to a series on Studies in Archeology from the Jefferson Patterson Park and Museum is currently available. To request a copy contact **Editor Millie Riley, Maryland Historical & Cultural Publications, DHCH, 45 Calvert St., Annapolis, MD 21401-1907; telephone (301) 974-5585.**

Quincentennial News

Quincentennial of the Discovery of America: Encounter of Two Worlds is a newsletter published by the General Secretariat of the Organization of American States. It carries information on 1492 commemoration events, printed in side-by-side columns of Spanish and English. Among the listings are the international Expo '92 in Seville, Spain; a Baltimore, MD, study group on the Encounter period in American history; poster contests; scholarships; *The Columbus Encyclopedia*; and a film on Hernan Cortez. Commemorative art, stamps, postcards, books, and T-shirts are listed. To submit information to or receive this newsletter write to **Quinto Centenario/Quincentennial, Organization of American States, 1889 F St., NW., Washington, DC 20006.**



New AIC Publications

The Latest Word in Conservation, presents abstracts of nearly 100 papers presented at the American Institute for Conservation of Historic and Artistic Works annual meeting in Albuquerque, NM, June 3-8, 1991. The papers address topics ranging from environmental controls for collections in historic buildings through special presentations on sacred objects. Copies cost \$12 each, \$8 for members, \$3 postage.

Scheduled for August 1991 publication, *The Definitive Resource Guide*, lists AIC members by name, specialty, and geographic region, information on the AIC/FAIC, the Code of Ethics and Standards of Practice, and other conservation related organizations and funding agencies. An AIC membership benefit, this directory is available to non-members for \$38 plus \$5 postage and handling. Publications may be ordered from **AIC, 1400 16th St., NW., Suite 340, Washington, DC 20036; telephone (202) 232-6636.**

New Publication

A Conservation Manual for the Field Archeologist by Catherine Sease is a recent University of California, Los Angeles, Institute of Archaeology publication. In it Sease details how to conserve excavated objects before they are taken to a trained conservator offsite. It costs \$16 plus \$2.50 postage and handling. To order the book or to receive a publication list, write to the **University of California, Los Angeles, Institute of Archaeology Publications, 405 Highland Ave., Los Angeles, CA 90024-1510.**



CONFERENCES



International Computer Meet

The next international **Computer Applications and Quantitative Methods in Archaeology** conference will be held **March 27-29, 1992**, at the **Institute of Mathematics of the University of Aarhus, Denmark**, organized by the **University's Institute of Prehistoric Archaeology**. Database recording of monuments and finds, graphic representation of data, and quantitative methods will be among the topics presented in workshops and demonstrations, and more than 40 papers, which will be published, are expected to range from the theoretical to the practical. For registration information, contact **Torsten Madsen, Institute of Prehistoric Archaeology, Moesgaard, Dk-8270, Højbjerg, Denmark; telephone 45 86272433, ext. 2225, telefax 45 86272378.**

Navajo Studies

The **Navajo Nation Historic Preservation Department** is planning its **Sixth Annual Navajo Studies Conference** to be held during **March 1992** in Window Rock, AZ. Further information will be available from **Alexa Roberts, Klara Kelley, or Richard M. Begay, P.O. Box 2898, Window Rock, AZ; telephone (602) 871-6437.**

Federal Archeology Report

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Deadline for submission of material is as follows: **January 15** for the **March** issue; **April 15** for the **June** issue; **July 15** for the **September** issue; and **October 15** for the **December** issue.

Address comments, submissions of articles, conference and training announcements, requests for copies and/or change address to; **Federal Archeology Report, Archeological Assistance Division, National Park Service, P.O. Box 37127, Washington, DC 20013-7127**; or telephone **202-343-4101**. (Please allow six weeks for processing a change of address.)

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