



The Grapevine Newsletter



Volume 8:03

For Cultural Resources Management

May 1998

Table of Contents

Conference Calendar	2
Announcements	5
New Releases	7
Job Announcements	8
Internet News	12
Corporate	
Subscribers List	13

In This Issue..

✎ **Airport X-Ray
Machines Destroy
Film - Page 5**

✎ **Digital Photo-
grammetry - Page 6**

✎ **Diving Into
History: a 10-Video
Introductory Course
in Underwater
Archaeology- Page 7**

State News

Alabama

The staff at the University of South Alabama's Center for Archaeological Studies has completed the first generation of a website, entitled "Old Mobile Archaeology," which can be found at http://www.Usothal.edu/archaeology/old_mobile.

Hawaii

Society for Hawaiian Archaeology 11th Annual Hawaiian Archaeology Conference, Kailua-Kona, Hawaii

The members of the Society for Hawaiian Archaeology (SHA), the organization of professional archaeologists in Hawai'i, make the following statement: at the 11th Annual Hawaiian Archaeology Conference in Kailua-Kona, Hawai'i, the members reviewed the drastic changes in the State Historic Preservation Division proposed by the State Administration and Legislature. We strongly believe that these changes should not be adopted as they will inevitably lead to the unnecessary destruction of irreplaceable cultural and historical sites. These actions are an affront to all citizens of Hawai'i.

The State Administration's plan now before the Legislature calls for the virtual elimination of the archaeological review staff at the State Historic Preservation Division. These people have been responsible for reviewing reports and assuring

compliance of federal and state historic preservation laws. These experienced professionals will no longer be conducting objective reviews on behalf of the people of Hawai'i. We are of course concerned about our colleagues who will be personally affected by the proposed staff cut. Far more important, however, is the serious impact these changes will have on our State's efforts to preserve Hawai'i's unique cultural and historical heritage. The State will no longer maintain an up-to-date inventory of historic sites. The lack of an accurate site inventory will result in the destruction of historic sites, and create costly delays in the planning of development, from the single family homes to major developments such as hotels, shopping complexes and highways. The destruction of the State's credibility as protector of cultural and historic resources will increase the already high level of controversy, polarization in land use decision-making and litigation.

We believe it is our duty to inform the public about these proposed changes. The people of Hawai'i have a right to know what is being changed and what results to expect. There will no longer be an objective review process. Instead, project proponents will select their own reviewers. This conflict of interest is obvious. The Society believes these changes are extremely ill-advised and asks the Administration and Legislature to

..continued on Page 3

Conference Calendar

May 17-22, 1998 - Food in History and Culture Workshop will be held in Cambridge, MA. Theme: Spanish Cuisine: Perspectives from Anthropology and History. Contact: Radcliffe Seminars, Christina Bortz, Cronkhite Graduate Center, 6 Ash Street, Cambridge, MA 02138; 617-495-8600; FAX 617-496-0363; E-mail: seminars@radcliffe.edu

June 16-20, 1998 - League of Historic American Theatres will hold its 22nd annual conference in Boulder, Colorado. Contact: 410-659-9533.

August 13-16, 1998 - Pecos Conference will be held in Pecos, New Mexico. Contact: Pecos National Monument, 505-757-6414, x2, or South Western Archaeology, <http://seamonke.ed.asu.edu/swa>.

September 16-19, 1998 - Fourth National Conference on Battlefield Preservation will be held in historic downtown Charleston, South Carolina. Contact: Hampton Tucker at 202-343-3580; E-mail: htucker@hps.cr.nps.gov.

September 19-20, 1998 - South Central Historical Archaeology Conference (SCHAC), will be held in Jackson, Mississippi. Contact: Amy L. Young, department of Anthropology and Sociology, Pox 5074, University of Southern Mississippi, Hattiesburg, MS 39406-5074; 601-266-6180; E-mail: ayoung@whale.st.usm.edu.

October 14-17, 1998 - The Plains Conference will meet at the Radisson Inn at Bismark, ND. The conference is co-hosted by the State Historical Society of North Dakota and the University of North Dakota.

October 20-25, 1998 - National Trust for Historic Preservation will hold its annual meeting in Savannah, Georgia. Contact: 202-588-6100.

October 21-24, 1998 - The Midwest Archaeological Conference, will be held at the Radisson Hotel Roberts in Muncie, IN. Contact: Ball State University at 765-285-2443; FAX 765-285-2163; E-mail: Oorehicks@bsu.edu.

November 11-14, 1998 - Southeastern Archaeological Conference will be held at the Hyatt Regency Hotel, Greenville, South Carolina. Contact: Kenneth E. Sassaman, SEAC Program Chair, SCIAA-Savannah River Archaeological Research Program, PO Box 600, New Ellenton, SC 29809; 803-725-1130; FAX 803-725-9723; E-mail: sassamank@garnet.cla.sc.edu.

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Managing Editor: W. Kevin Pape
Newsletter Editor: E. Jeanne Harris
Copy Editor: Lora L. Anderson

Editorial address:

The Grapevine
 1318 Main Street
 Cincinnati, OH 45210
 Telephone 513-287-7700
 FAX 513-287-7703
 E-mail: Ejharris@aol.com
 or
 jharris@graypape.com

State News..

..continued from page 1

withdraw these proposals. In addition, the Society calls upon the Governor and his administration to make public immediately, all details of their proposal and any new administrative rules that would be used to implement these changes so that the public may properly evaluate such proposals. We call upon the public to join with the Society for Hawaiian Archaeology to express their concerns and to protest this proposed action.

Iowa

New Location for Office of State the Archaeologist

The Office of the State Archaeologist (OSA) has moved from the east side of the University of Iowa campus to the south side. At the new location the OSA shares a renovated 1960s-era structure with University radio stations. OSA offices and labs moved into the building from Eastlawn and several other locations. An advantage of the new space is that OSA operations will be consolidated at one place rather than spread among several buildings.

Please note the following change of address:

Office of the State Archaeologist
700 Clinton Street Building
University of Iowa
Iowa City, IA 5442-1030

Maryland

Maryland Historic Trust's Geographic Information System News

The construction of Maryland Historic Trust's (MHT) Geographic Information System (GIS) continues to reach new milestones. The new 'user's workstation computers were delivered and are ready to be installed. The goal is to have all of MHT's digitized data and the scanned USGS quadrangles for Maryland loaded and staff training well underway this spring.

GIS data has been prepared for distribution in a standard format. Data that can now be purchased includes USGS topographic maps (31 CDS, one to 2 CDS per county, at a cost of \$135 per CD) and digitized historic property locations (4 layers on one CD, at a cost of \$128 per county).

MHT data conversion is continuing under a grant from the National Center for Preservation Technology and Training. Inventory forms for historic properties are being scanned, converted to text, and edited. The converted text will be made accessible through indexing software, so that the completed forms can be searched using keywords and other variables. The scanned forms will also be written to CD-ROM. One half of Maryland's counties will be completed under this grant.

The GIS continues to be used for specific mapping projects relating to historic map overlays and the mapping of heritage areas. A CD-ROM was recently completed demonstrating the work completed under an NEH grant on archaeological database/GIS development. The

CD highlights the GIS project design and some potential research uses of the system. It will be distributed to SHPO offices, universities, and others interested in GIS and archaeological records management/computerization.

For more information contact Maureen Kavanagh at 410-514-7659.

Massachusetts

A Comprehensive History of Massachusetts - 1791-1991

Since its founding in 1791, the Massachusetts Historical Society has been a leading institution in preserving the state's history. The first historical society in the United States, it was also the first organization of any kind to emphasize collecting Americana and publishing an American history. The result of these efforts can be seen in the Society's latest publication, *The Massachusetts Historical Society: A Bicentennial History, 1791-1991*. To acquire a copy, contact Northeastern University Press, Box 6525, Ithaca, NY 14851; 800-666-2211.

New Mexico

New Mexico Historic Preservation Division on the World Wide Web

The New Mexico Historic Preservation Division (HPD) will soon have its own site on the World Wide Web (WWW). Access to HPD information and services will be as close as your home or office computer. The WWW site will include calendars of events, preservation

..continued on Page 4

State News..*..continued from page 3*

news, recent property registrations, announcements, staff contact information, and other material of interest to preservationists in New Mexico and elsewhere. Currently under development by the Web designers at Matterform Media, the site will be set up initially on the New Mexico Museum of Natural History and Science Web server in Albuquerque and will be accessible from the Office of Cultural Affairs page at <http://www.nmmnh-abq.mus.nm.us/oca/oca.html>.

WWW surfers will be able to access the site, locate the information area they want, and download their selection in Portable Document Format (PDF). The PDF files can then be easily viewed or printed using Adobe Acrobat Reader (available free from Adobe Systems, Inc., for PCs, Macs, and other platforms). Use of PDF files will allow HPD to control the appearance and content of the materials regardless of the computer and printer combinations used to download and view or print the files. Contact: Dan Reiley at DReiley@lvr.state.nm.us for updated information.

New Videos Available From the New Mexico Historic Preservation Division

New Mexicans Rehabilitating Historic Buildings: Success Stories (1997). A 30-minute video highlights "adaptive reuse" projects that have taken advantage of the Historic Preservation Division's (HPD) successful state tax credit program. Funding for the project was provided by HPD. The video is being distributed to new Mexico libraries, certified local governments, Main Street programs, historical foundations and societies, and realtors. A limited number of copies are available from HPD for loan to private citizens. For more information, contact Robyn Powell or Dale Zinn at 505-827-4057 (RPowell@lvr.state.nm.us).

Signs of Life: Archaeology & Preservation in New Mexico (1996). A 28-minute videotape explains the science of archaeology and the societal value of preserving archaeological sites for the future. Suitable for 7th-grade classrooms and up as well as for preservation groups, civic organization, and other general audiences. Available on loan to schools, libraries, community centers, and the like through the Office of Statewide Programs and Educational Outreach, Museum of New Mexico, Office of Cultural Affairs, at 800-285-6486.

Ohio

Staff Changes in the WV and Ohio SHPO offices

Lisa Adkins, formerly of the West Virginia SHPO office, joined the staff of the Ohio SHPO office in April to work with Mark Epstein as an architectural reviewer. The Ohio SHPO has also hired Mary Smith as a contract reviewer for architecture in the same office.

Texas

Archaeology Beta Test Underway

For the first time, more than 220,000 Texas historic property records, archaeological site forms, images, and map coordinates can be accessed from a single source, the Texas Historic Sites Atlas (THSA). The Archeological Sites Atlas, one of three components of the THSA, will be one of three different Web interfaces to the Atlas database, and is the only interface restricted

to registered users. The two public Web sites will be the Texas Historic Sites Atlas and the Texas Historic Sites Archives. Site records in the Historic Sites Atlas will be limited to the name, location, description, and image of Texas historical markers, National Register properties, museums, and historic sawmills in 52 East Texas counties. This Web site is primarily designed for the education and entertainment of the general public, who may not want or need the complete site record. Historians and other researchers may prefer to search the Historic Sites Archives, which will contain complete site records for all publicly available data, including National Register survey cards.

West Virginia

West Virginia Archaeology Month

The West Virginia Division of Culture and History, State Historic Preservation Office is proud to announce preparations for its 1998 Archaeology Awareness Activities. Because of its popularity, the traditional Archaeology Week has been expanded to the entire month of October. This year's theme will be "Celebrating 160 Years of Archaeology in West Virginia." Contact: Pat Trader, Senior Archaeologist or Lora Lamarre, Heritage Education Coordinator, The Cultural Center, 1900 Kanawha Boulevard, East, Charleston, WV 25305-0300; 304-558-0220; FAX 304-558-2779; TDD 304-558-3562.

New Airport Security X-ray Machine Can Destroy Film

For those of you planning on flying for fun or fieldwork this summer, watch out for those airport X-ray machines! Two recent articles, one in the May/June issue of Photo Techniques and one from the editorial in May's Shutterbug, describe new "film-killer X-ray" security equipment being used in "certain large American and foreign airports" which destroys film, exposed and otherwise.

The new equipment is InVision Technologies CTX-5000 baggage scanner which the FAA is paying for. (They cost a cool \$900,000 each!) On MOST domestic flights, only checked baggage is at risk, they say, but on international flights, "carry-on baggage may be at risk as well." When asked, an InVision official acknowledged that the "rate of scanned films that are damaged is 100%." Apparently David Attenborough and crew found out this was too true. He and a BBC film crew spent five weeks in New Guinea filming on location, they passed through the Manchester airport and lost everything! The photo folks say we have three options: insist on having your film hand-inspected, buy your film when you get there and/or ship film to yourself to your work site (and home) in several batches by way of a shipper such as Fed/Ex who will guarantee no X-raying.

If you thought maybe using one of those lead bags would help, get this. These new X-ray machines are programmed to respond to anything mysterious by rescanning the questionable area with a high-power narrow beam CAT scan which will penetrate anything. So the lead bag GUARANTEES your film is ruined. The FAA will not give out the list of the airports with these new X-rayers for security reasons but InVision has a web site which posts the domestic list. So hang on to your film bags, folks.

Anne Stoll
Behavioral Sciences
University of La Verne
La Verne, California

[Taken from ACRA-L, the listserv for the American Cultural Resource Association.]

Natural and Ethical Environmental Solutions, LLC., is pleased to announce that **Ms. Jeannine Kreinbrink** will be joining the staff as Senior Archaeologist. Ms. Kreinbrink can be reached directly at 606-384-0354.

Gray & Pape, Inc., is pleased to announce that **Mr. Bradley Bowden** will be joining the staff of its Richmond, Virginia office as Principal Investigator. Mr. Bowden can be reached at 804-644-0656.

Do You Photograph Artifacts?

The National Park Service, Museum Management Program has designated the Archaeological Institute of America, San Diego Society as a source for the printing and distribution of plastic scales used to indicate object size in photographs. (The NPS had been unable to locate a source for the scales since the Government Printing Office discontinued them several years ago). For ordering information just click on: <http://www.web-sculptors.com/glyph/scales.html> then go "back to The Glyph" to visit our complete web site. Coming soon: our pictorial tour of Egypt, with itinerary, November 15-28, 1998.

Tools of the Trade

Associate Editor - Tim King

Digital Photogrammetry

By Christopher D. Dore

The use of photography for archaeological applications is not new. Terrestrial photographs have been used since the widespread introduction of this medium in the late 1800s and aerial photographs since Charles Lindbergh's flights over sites in Chaco Canyon in the early part of this century. Today we routinely use photographs to document the archaeological record but don't take full advantage of this robust method. Photogrammetric techniques, many that are recent developments, offer many new possibilities for archaeology. In addition to increasing the quality of our work, using photogrammetric methods also can offer tangible savings in time and money.

Simply put, photogrammetry is the process of using photographs to make measurements. In order to accomplish this, corrections must be made to the image to account for factors such as lens distortion, alignment of the film plane, obliqueness, and depth. Some of these corrections can be made with a single image, but for completely corrected images, overlapping photographs (also termed stereo photographs) are needed as is information on the orientation of the film plane and the focal length of the lens. In the past, corrections were made by an operator using large mechanical machines using the actual photographs (called hard-copy photogrammetry). While many of these machines are still in use, digital computer processing is rapidly replacing hard-copy technology. Because digital images of the photographs are used, computer-based photogrammetry is called soft-copy or digital photogrammetry.

Photographs, whether aerial or terrestrial, should never be used for making measurements without correction. It is common to correct images, particularly aerial images, in two dimensions (2-D) using a series of known control points. This type of correction can be effective if a sufficient number of points are used and, most importantly, if there is no topographic relief. This 2-D correction process is often referred to as warping or rubber sheeting and is done by many graphic software packages. This type of correction does not, however, correct for horizontal distortion due to differences in vertical relief. In an image, objects that are closer to the lens will appear to be farther towards the edge of the images than they really are. (The single exception is the exact center of the lens when the film plane is perfectly perpendicular to the subject.) This is easier to visualize when thinking about an aerial photograph. In an aerial image, the top of a tall building will appear closer to the edge of the photograph than will the building's base. The difference between

the horizontal position of the top and the base is spatial error due to vertical relief. This type of error can not be corrected through 2-D techniques.

To correct for this type of distortion at least two overlapping images must be used. Since the images are taken from different positions, triangulation can be used to calculate the depth of each point in the image. With the depth known, the true horizontal position of an object can be calculated. The result of this type of correction is called an orthoimage. "Ortho" stands for orthogonally rectified. Orthophotos are photographs that are corrected into a planer surface exactly in the same way that a map is drafted. Orthoimages can be used, like a map, to make accurate measurements.

The techniques used to create orthoimages have tremendous potential beyond planer correction. One known, the vertical component (Z) of an image can be used in its own right. When the Z value is plotted with the horizontal coordinates, the result is a three dimensional (3-D) surface. Thus, stereo aerial photographs can be used to create digital elevation models (DEM) that themselves can, in a GIS/image analysis environment, be used to generate a wide variety of secondary landscape models including slope, aspect, hydrography, watershed, viewshed, as well as simple topographic maps. In most cases the accuracy of the DEM will exceed the national map accuracy standards for the USGS 7.5 minute topographic map series and it is even possible to map micro topography. When DEMs from different dates are subtracted from each other, it is possible to quantify shifts in the volume of sediment from erosion, vandalism, or depositional events.

In terrestrial photographs, the same techniques can be used to create true 3-D models. These techniques are most frequently used for documenting historic architecture. Multiple photographs are taken of the facade, or even around the structure, and the features or elements of interest are traced. The traced rendering exists as a 3-D CAD image that can be viewed in perspective or orthographically. The 3-D model can even be rendered and used for virtual interpretive applications. While primarily used for architecture, this type of photogrammetry can be used for documenting artifacts and features too. (Note, however, that calibration of cameras is necessary for this type of photogrammetric work.)

The best results from photogrammetric work are realized when field photography is specifically tailored for the task. Good results, however, can be obtained from existing photographs. Even historic photographs can sometimes be used. There are some guidelines to follow to make the most of your photographs. First, don't get too close to your subject. I recently went through my slide collection looking for field photos of a pretty feature to use as a photogrammetric example. I was surprised to find that all my feature photo-

graphs were taken too close to have sufficient control points (i.e. grid corners) to correct the images. This is typical of most archaeological photography, but it is unnecessary. Photographs can always be enlarged to show detail on a feature but control points can't be added if they are not within the image. There are very few circumstances when film resolution limits one's ability to resolve detail in an enlarged archaeological photograph (but digital cameras are one case). So, the rule of thumb is to make sure you take your photographs with enough control points visible.

Second, don't use a zoom lens. A zoom lens introduces yet another variable into the photogrammetric process. When you took the last frame was your lens zoomed to 100 mm or 101 mm? Zoom lenses also are generally of a lower optical quality than are fixed lenses. For both reasons, a fixed lens is always preferable.

Third, take several photographs from distinct directions. Having multiple photographs from the same vantage point doesn't help the photogrammetric processing. Alter your angle from 45 to 90 degrees in relation to the subject for each frame. When possible, move completely around the subject taking photographs at different angles. While it is important to change the angle, do ensure that common points are visible between images.

Finally, keep detailed photo logs. In addition to the commonly recorded data, you probably want to include some additional details. For example, what are the coordinates of the control points you have in your picture. What is the focal length of your lens? If you do have to use a zoom lens, what was the zoom setting? Even a sketch map of the subject and the different camera positions can be helpful in resolving analysis problems.

Using photogrammetry is a good way to maximize the return on data we are already collecting on archaeological and other cultural resource projects.

Christopher D. Dore, Ph.D. wears many hats. He is a principal at Archaeological Mapping Specialists, an archaeologist at Jones & Stokes Associates, and an affiliated researcher at the University of California at Berkeley and the University of Nebraska. In his spare time, he maintains a program of research in the Puuc region of Mexico's Yucatan Peninsula.

The Underground Railroad Handbook No. 156

The Underground Railroad Handbook is a new National Park Service publication containing scholarly essays on the Underground Railroad and many color illustrations. This publication is appropriate for schools and important for context. To order, contact Eastern National, PO Box 306, Peninsula, OH 44264; Fax 330-657-2307. Cost is \$5.50 each.

Diving Into History

Diving Into History is a 10-video introductory course in underwater archaeology developed by the Maritime Archaeological and Historical Society (MAHS) through a grant from Maryland Historic Trust (MHT). It is based on the popular course offered by MAHS over the past decade. Completion of the classes, exam, and field school earns a certificate which is recognized as a specialty course by both NAUI and PADI, the two largest national scuba certifying agencies.

The course reaches well beyond state borders and acts as "preventative medicine." In addition to enlightening recreational divers to the harm caused by casual artifact collecting, the MAHS program offers a positive alternative by providing a productive means of participating in the preservation of submerged archaeological resources. MAHS-trained volunteers can provide a talent pool to assist professional archaeologists.

The videos were professionally produced by Accent Media and both the videos and accompanying instructor's manual use mostly professional archaeologists and lecturers. Some topics covered include archival research, ship architecture, remote sensing, mapping and survey, conservation, law and ethics, photography, and project planning and report writing. The digital format offers a degree of flexibility to facilitate further updating of the materials covered. At present, individual states can tailor the Law and Ethics video to include a section pertaining to their specific legislation, for an additional fee. The manual uses a ring-bound format to permit insertion of updated replacement pages.

The video program received an enthusiastic response when it was introduced at the Society for Historical Archaeology's 1998 annual meeting. Public television plans to air the series on its summer schedule.

The scheduled delivery date is June 1, 1998, at a cost of \$199.00 for the set including the manual; orders received prior to June 1 are eligible for an introductory price of \$179.95. Videos may be purchased singly for \$19.95. All prices are exclusive of shipping and handling charges. The MAHS certification exam requires a supplement of \$35.00.

To obtain an order form or for more information, please contact either Mr. Steven Anthony, (MAHS) at 301-652-2622, or Dr. Susan Langley (MHT), at 410-7662.

[Taken from *In Context: A Newsletter of the Maryland Historical Trust*, May 1998.]

Job Announcements

Laboratory Director

Archaeological & Historical Consultants, Inc. (AHC), is accepting applications for the position of Laboratory Director. This person will manage all aspects of artifact analysis and curation for a cultural resource management consulting firm. Applicants must have a M. A. (or equivalent experience) in Anthropology, Archaeology, or a closely related field, and must have strong organizational and management skills. Specialization in prehistoric lithic analysis is preferred, but those with other historic or prehistoric analytic specialties will be considered. Position is full time with competitive salary and benefits. Send resume, letter of application, and references to:

Gary Coppock
Project Manager
Archaeological and Historical Consultants, Inc.
PO Box 482
Centre Hall, PA 16828

An Equal Opportunity Employer

Architectural Historian

TAMS Consultants, Inc., an Engineering and Architecture firm located in New York City, seeks an architectural historian for its busy environmental planning division. Responsibilities include conducting cultural resource surveys, building documentation (including HABS/HAER), preparing National Register Nominations, developing preservation plans, advising on projects that involve historic structures, as well as Section 106 compliance and 4(f) mitigation work.

Applicants must be able to meet 36CFR 61 requirements for an architectural historian and, preferably, will have two to three years experience. The ideal candidate will be able to write clearly and succinctly. This is an excellent opportunity for a self-motivated individual to help develop a growing department.

Applicants should send a cover letter, resume, references, salary history, and work (writing, no drawings) sample to:

Steven Bedford Ph.D.
TAMS Consultants
655 Third Avenue
New York, NY 10017

HISTORICAL ARCHAEOLOGIST

Historical Archaeologist sought by ASC Group, Inc., in Columbus, Ohio. A full time, permanent position as Principal Investigator. M.A. or Ph.D. in Anthropology/ Historical Archaeology required along with two years experience in a supervisory CRM role. Position entails proposal writing, research methodology, supervision of fieldwork, data analysis and report writing with primary emphasis in Midwestern U.S. 19th - 20th century historic site features and artifact analysis. Excellent field, analytical and report writing skills are mandatory. ASC offers a competitive salary, a benefits package of health, dental, life, 401(k), and a bonus program. Interested applicants should forward a cover letter and resume, writing samples, and three references to:

Michele Haller
ASC Group, Inc.
4620 Indianola Avenue
Columbus, Ohio 43214
EEO/AAP

Director of History and Education, Historic Roscoe Village

The Roscoe Village Foundation, a restored 1830s canal era village, seeks a qualified Director of History and Education. Director will be responsible for the administration of educational programming, promotion of 1800s Ohio history, and the supervision of a department of 30 staff members including interpreters and artisans.

...continued on Page 11

ARCHAEOLOGICAL & HISTORICAL CONSULTANTS, INC.

Positions Open: Principal Investigator/Architectural History

Duties: Confers with clients and agency and manages historic structures cultural resource management projects. Prepares proposals and technical reports. Conducts historic structures surveys. Supervises research personnel and monitors historic structures fieldwork. Analyzes, evaluates, and interprets significance of historic structures.

Qualifications: Masters degree (Ph.D. preferred) in Architectural History, Art History, or a closely related field; four or more years related experience. This is a senior-level position. HABS/HAER recordation experience is strongly preferred.

Location: Archaeological and Historical Consultants is situated in Centre Hall, Pennsylvania -- a small community located near State College and the Pennsylvania State University.

Benefits: Competitive package offered.

Opening Date: April 1998

Closing Date: When filled.

Send resume, letter of application, and references to:

Gary Coppock
Project Manager
Archaeological and Historical Consultants, Inc.
PO Box 482
Centre Hall, PA 16828

An Equal Opportunity Employer

Historic Preservation, Urban Conservator

\$57,329 - \$63,206

Unclassified position

The City of Cincinnati seeks an Urban Conservator, the City's Chief Historic Preservation Officer. This employee supervises the City Planning Department's Historic Conservation Office and is staff to the Historic Conservation Board. Responsibilities include historic designations, permit review, federal historic compliance (Section 106) and other related duties. This employee directly supervises professional, technical, and clerical personnel. This person also works directly with the city manager, City Council, the City Planning Commission and department directors on matters related to historic conservation. Excellent communications skills are required.

Qualifications: Applicants must have at least a baccalaureate from an accredited college or university in urban/city planning, architecture, historic conservation/preservation, geography or a related field. Advance degree preferred. Each applicant must have six years professional, paid experience in urban/city planning, architecture, historic conservation/preservation, community development, or economic development. At least three years of this professional experience must be in private development as a planner, architect, historic preservationist, builder or developer. The candidate selected as Urban Conservator must be a resident of the City of Cincinnati at the time of appointment.

Applications: Qualified applicants should submit a detailed resume, references, and college transcript to the **Personal Department, Two Centennial Plaza, Suite 200, 805 Central Avenue, Cincinnati, OH 45202**. Application may be made in person or through the United States Mail with a post mark no later than the deadline dates. Resumes, references, and transcripts should not be sent through the City's interdepartmental mail. A readable, photocopy of your transcript may be submitted in lieu of requesting a new copy from the school.

Applications for this position are considered public records under Ohio's Public Records Act and, therefore, shall be made available to any person requesting to view them.

Equal Opportunity Employer - The City of Cincinnati is an Equal Opportunity Employer M/F/H. Qualified disabled persons are encouraged to self-identify at the time of application and at employment interviews. Help the City help you!

Contact person: Leon Meyer 513-352-4881

TDD: 513-352-2419

Application deadline: 4:30 p.m., Monday, June 15, 1998.

Transcript deadline: 4:30 p.m., Monday, July 6, 1998.

Job Announcements..

..continued from page 8

Qualifications include: M.A. in public history, history, or education; minimum of five years management experience; fundraising and grant writing experience; excellent communication skills (written, verbal, and interpersonal); and organizational skills and the ability to visualize and fulfill the overall educational mission of the village

Send resumes to:

Director
Human Resources and Training
Roscoe Village Foundation
381 Hill Street
Coshocton, Ohio 43812

Fax 740-623-6545

E-mail: rvservices@coshocton.com

Architectural Historian

John Milner Associates, Inc., a multi-disciplinary historic preservation consulting firm, is seeking applications for a full-time, regular position, based in our Alexandria, Virginia, office. Candidates should have a graduate degree in architectural history or closely related field, at least two years of archival research and architectural survey experience, and strong writing, speaking, organizational, interpersonal, word processing, and photographic skills. Drafting experience and familiarity with Integrated Preservation Software would be helpful. Some travel and use of a personal vehicle is required. Please fax resumes and references to 703-642-1837. EOE

Classical Language and Literature of Architecture Summer Course in Vermont

If you enjoy a "learning vacation," consider a historic preservation course being offered in Vermont this summer.

The Vermont SHPO office and University of Vermont graduate program in historic preservation are co-sponsoring "The Classical Language and Literature of Architecture," a two credit course being offered Monday, June 29 to Friday, July 3. The orders of architecture and the architectural books propagating them are studied in buildings of the sixteenth through nineteenth centuries. After introducing the orders and their uses in Europe, the course concentrates on the orders of American architecture from the Colonial period to the mid-nineteenth century. Field trips in the Connecticut River Valley will provide direct experience with the far-reaching applications of the orders or architecture and the practical issues raised when preserving historic buildings.

The instructor is William G. Foulks, architect, of John G. Waite Associates, Architects, in Albany, NY. Mr. Foulks taught this subject for many years at the Columbia University Graduate Program in Historic Preservation.

The course will be held in the historic one room schoolhouse at the Calvin Coolidge State Historic Site, Plymouth Notch, Vermont (this is not far from Woodstock and Hanover, NH). This site has been called one of the best-preserved presidential birthplaces in the nation. For aregistration application, contact: Historic Preservation Summer Institute, Dept. of History, Wheeler House, University of Vermont, Burlington, VT 05405 or fax: 802-656-8794 or e-mail: hispres@zoo.uvm.edu. If you are interested, you will also receive further information about the course, Plymouth Notch, and a list of area lodgings (ranging from state park campgrounds to resorts).

Cost is \$245 per credit for Vermont residents and \$550.00 per credit for non-Vermont residents. A limited number of auditing students (who pay for just one credit) will be accepted.

Other courses being offered this summer are:

Barns: History and Conservation. June 22 to 26 (9 a.m. to 5 p.m.), in Burlington, VT) and **Revitalizing Historic Villages and Downtowns.** (Monday, Wednesday, Friday (9 a.m. to 4:30 p.m., July 13 to 24).

For more information contact:

ElGilbertson@gate.dca.state.vt.us
Elsa Gilbertson
National Register Specialist
Vermont Division for Historic Preservation
National Life Building, Drawer 20
Montpelier, VT 05620-0501
Direct phone: 802-828-3046

Giovanna Peebles
State Archeologist
Division for Historic Preservation
National Life, Drawer 20
Montpelier, VT 05620-0501
phone: 802-828-3050
FAX: 802-828-3206
E-mail: gpeebles@gate.dca.state.vt.us

Internet News

Web Sites On The Internet

The Forest History Society

The Forest History Society is a nonprofit educational institution established in 1946 to promote the study of human interaction with the natural environment from a historical perspective. Visit their our new web pages at: <http://www.lib.duke.edu/forest/>

Lithic Net Web Site by Art Bumbus

Art Bumbus has put together a "Lithic Net Web" site, which can be reached at:

<http://members.aol.com/artgumbus/lithic.html>

Anthropology in the News

Anthropology in the News is devoted to news updates in anthropology and archaeology from many sources:

<http://tamu.edu/anthropology/news.htm>.

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For more information about the program contact:

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Or see their World Wide Web site: <http://www.le.ac.uk/archaeology>

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..continued on Page 14

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