## The Grapevine Newsletter

Most members of the

CRM community spend

Volume 8:04

For Cultural Resources Management

July 1998

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## If You Go Into The Woods - Beware!

a considerable amount of time working outside during the summer months. It is not uncommon for architectural historians, archaeologists, geologists, and landscape architects (to name a few) to find themselves working in areas notorious for tick infestations. Ticks carry several serious and potentially life threatening diseases. This summer, there are many accounts of new and more wide-spread tick "sightings." Therefore, *The Grapevine* thought it appropriate to remind our readers of the dangers of tick bites,

and present the latest on human tick-

borne diseases.

As a bit of background, did you know that worldwide there are over 800 tick species of which 100 are capable of carrying disease? In the U.S., three genera, Amblyomma, Dermacentor, and Ixodes can transmit to humans diseases caused by bacteria, viruses, rickettsiae, and protozoa. There are numerous human tickborne diseases, including: Babesiosis, Colorado Tick Fever, Lyme Disease, Rocky Mountain Spotted Fever, Tickborne Relapsing Fever, and Tularemia (Rabbit Fever). Cause, symptoms, and transmission of these diseases are listed on Page 3.

The newest human tick-borne disease, called **human erlichiosis**, is most prominent in the south. First identified in 1993 among golfers in Tennessee, human erlichiosis is easy to misdiagnose, because its initial

symptoms - fever, headache, and nausea - resemble many other maladies, including Lyme disease. Unlike Lyme disease, though, it almost never causes skin rash. If untreated, the disease often rapidly worsens, and can cause kidney and respiratory failure. Moreover, the ailment responds to only one of several antibiotics that are used for treating Lyme disease - so a misdiagnosis could have serious consequences.

## Prevent Tick-Borne Diseases

Remove ticks properly!

Use fine point tweezers,
Grasp the tick close to the skin
&
Pull the tick straight out.

Human erlichiosis isn't the only new tick-borne disease we have to worry about. A sister disease, human granulocytic erlichiosis (HGE), was identified 1995 and made headlines after causing outbreaks - and a few deaths - in the upper Midwest and New York. HGE is carried by the same deer tick that causes Lyme disease.

# Conference Calendar

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. This year's theme is "Defining Battlefields: Why, How, and What Then?" 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, PO Box 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 Radison Inn at Bismark, ND.

October 16-18, 1998 - Midwest Bioarchaeology and Forensic Anthropology meeting will be held at The University of Iowa, Iowa City. Contact: Office of the State Archaeologist, 700 Clinton St., Bldg., University of Iowa, Iowa City, IA 52242; 319-384-0740; Fax 319-384-0768;

E-mail: shirley-schermer@uiowa.edu

October 20-25, 1998 - National Trust for Historic Preservation will hold its annual meeting in Savannah, Georgia. This year's theme is "The Art and Economics of Preservation." Contact: The National Trust for Historic Preservation at 800-944-6847 or visit the Trust's web site at www. nationaltrust.org.

October 21-24, 1998 - The Midwest Archaeological Conference, hosted by the Department of Anthropology of Ball State University, will be held at the Radison 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; 803-7251130; FAX 803-725-9723; E-mail:
sassamank@garnet.cla.sc.edu.

November 12-14, 1998 - Whither Industrial Archaeology is holding a conference on the current state of practice in the field of industrial archaeology and on future direction for this discipline, and will be held in Lowell, MA. Contact Gray Fitzsimons, Park Historian, Lowell National Historic Park, 67 Kirk Street, Lowell, MA 01852-1029; 978-275-1724: FAX 978-275-1762; E-mail: gray\_fitzsimons@nps.gov.

The Grapevine Newsletter is published bimonthly by Gray & Pape, Inc.

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Ticks..

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West Coast residents aren't off the hook, either. A team of researchers verified that California residents had been infected with a new version of tick-borne babesiosis, a malaria-like malady. Until recently, babesiosis was thought to reside only in the eastern part of the country.

The specialists suggested that people who must go into the woods these days use insect repellent and check for ticks afterward. Insect repellents might not be environmentally friendly and no one likes to use potentially toxic chemicals, but insect repellents work.

For more information, see "Human Tick-Borne Diseases" on this page.

## Have Questions About Human Tick-borne Diseases?

Call the Lyme Disease Foundation Hotline 800-886-LYME

## **Human Tick-Borne Diseases**

#### **Babesiosis**

<u>Cause</u>: Babesiosis is a malaria-like infection caused by a protozoan, Babesia sp., that parasitizes red blood cells. The disease occurs primarily in the Northeastern U.S. and Wisconsin. The first case report was from Nantucket Island, MA in 1969.

Symptoms: Symptoms include fever, chills, fatigue, headache, muscle pain, and a breakdown of red blood cells - known as hemolytic anemia. Laboratory diagnosis is based on identifying the parasite within red blood cells or on a positive antibody titer. The treatment is clindamycin and quinine. This disease is sometimes fatal.

<u>Transmission</u>: Primarily the black-legged tick. Transmission can occur from contaminated blood.

#### Colorado Tick Fever

<u>Cause</u>: Colorado tick fever is a viral disease of short duration and low mortality that occurs in the mountainous regions of the western U.S. There are between 200 - 300 cases reported each year.

Symptoms: Symptoms include a sudden onset of fever, chills, severe headache, muscle aches and occasionally a faint rash, which lasts about one week. After a 2-3 day remission, symptoms accompanied by a drop in white blood cells, may occur. Diagnosis is assisted by a serologic test.

Transmission: The primary vector is the Rocky Mountain wood tick.

#### **Ehrlichiosis**

<u>Cause</u>: Ehrlichiosis, often called rashless (or spotless) Rocky Mountain spotted fever, is caused by E. chaffeenis. Most cases are reported from the Southcentral and Southeastern U.S. <u>Symptoms</u>: Symptoms include fever, malaise, headache, chills, severe muscle aches & pain, vomiting, anemia, lung infection, abnormal decrease in white & red blood cells, decrease in platelets or elevated liver enzymes. Laboratory diagnosis is usually by serologic testing of acute and convalescent serum specimens. Treatment is usually tetracycline.

Transmission: The Lone Star tick is the suspected vector.

#### Lyme Disease

<u>Cause</u>: Lyme Disease is caused by the bacterium Borrelia burgdorferi. The disease was first described over 100 years ago in European literature.

Symptoms: Flu-like symptoms (fever, headache, muscle aches and pain), and some people develop a bull's eye type rash. Later symptoms include multiple rashes, joint swelling/pain, loss of reflexes, facial paralysis, cognitive or behavioral changes, disorder of peripheral nerves, heart conduction defects, and inflammation of parts of the eye.

<u>Transmission</u>: The infection is transmitted by the black-legged tick and the western black-legged tick.

## **Human Tick-borne Diseases..**

continued from Page 3

#### **Rocky Mountain Spotted Fever**

Cause: Rocky Mountain spotted fever (RMSF) is caused by Rickettsia rickettsii. RMSF was first identified in 1873. The disease is reported from all over North America, but is most prevalent in the eastern U.S.

Symptoms: This illness usually starts suddenly. Symptoms include flu-like aches & pain, headache, chills, confusion, light sensitivity and high fever. A reddish-to-black rash (resembling measles) starts on the extremities (e.g. palms & soles) and may spread to the entire body. Death can occur. Serologic tests will not be positive until 10-14 days after onset. Therefore, doctors must diagnose and treat on clinical symptoms early as the main cause of death is delayed treatment or improper use of antibiotics. The treatment is either tetracycline or chloramphenicol.

<u>Transmission</u>: The disease is spread by the lone star tick, American dog tick, Rocky Mountain wood tick, black-legged tick, western black-legged tick, and brown dog tick. All stages of infected ticks can transmit the disease.

#### Tick-borne Relapsing Fever

<u>Cause</u>: The causative agents are spirochetes (a type of bacteria) called Borrelia (B.) hermsii, B. turicatae, and B. parkeri. The disease occurs primarily in the western U.S.

Symptoms: Relapsing fever is a multisystem disease characterized by repeating bouts of fever lasting 2-9 days alternating with afebrile periods. Additional symptoms include sudden onset of fever, chills, headache, and muscle and joint pain. Laboratory diagnosis is most often made by detecting spirochetes in peripheral blood smears taken during febrile episodes.

<u>Transmission</u>: The infection is transmitted by the soft ticks Ornithodoros hermsi and the relapsing fever tick.

#### Tularemia (Rabbit Fever)

<u>Cause</u>: The bacterium Franciscella tularensis causes tularemia. This disease was identified in 1911 and is found in almost every state.

<u>Symptoms</u>: This is a flu-like illness characterized by repeated spikes of severe fever, local skin ulcers, enlarged lymph nodes, conjunctivitis, or pneumonia. Laboratory diagnosis is often based on antibody tests. Treatment is streptomycin.

Transmission: Lone star tick, Rocky Mountain tick, Pacific coast tick, American dog tick, western black-legged tick, black-legged tick, horseflies, contact with infected animals or water. All stages of infected ticks transmit the infection. In the Midwest and eastern U.S. most people contract the disease due to contact with infected animals (primarily rabbits). Southwestern and western cases are primarily due to tick bites.

[Information provided by Lyme Disease Foundation, 1 Financial Plaza, Hartford, CT 06103; 203-525-2000 Hotline 800-886-LYME .]

# Corporate Subscriber Corrections and Changes

Christian J. Zier Centennial Archaeology, Inc. 300 East Broadwalk, Building 4-C Fort Collins, CO 80525 970-225-6575 FAX 970-225-6577 E-mail: cenarch@worldnet.att.net

Markman & Associates, Inc. 840 S. Meramec St Louis, MO 63105-2539 Phone **314-862-6117** FAX: 314-862-6712

Contact: Charles Markman E-mail: charlie@markmaninc.com WEB: http://markmaninc.com

## **State News**

#### Indiana

## Archaeology Week

The Division of Historic Preservation and Archaeology is pleased to announce that Indiana's third annual Archaeology Week is scheduled this year for September 14-20, 1998. Last year's celebrations and activities were a great success, and we are confident that this year will be even better. We are planning to have focal day activities/ events in Indianapolis again this year. If you wish to be included on the mailing list for scheduled events, contact:

James R. Jones III, Ph.D. State Archaeologist Division of Historic Preservation and Archaeology 317-232-1646 FAX 317-232-0693

#### Missouri

## Missouri Association of Professional Archaeologists

The Missouri Assocation of Professional Archaeologists is constructing a new site on the World Wide Web. According to their press release "There may not be much to look at now, but save the address with your bookmarks because we have plans!"

http://members.xoom.com/MAPA

The site will be used to post an electronic version of their newsletter, including:

- a calendar of events
- · summaries of current research
- items of general interest to those involved or interested in archaeology within the state of Missouri
- · membership information
- links to related sites

## Prevention

## **Sunscreens and Insect Repellents**

We all know that the best prevention for sun damaged-skin is to stay out of the sun. This proves to be a bit impractical for many of us in the day-to-day business of CRM. We all know to cover up as much as possible and to use sunscreen on all exposed areas, but did you know that waterproof sunscreens block both UVA and UVB rays or to use a SPF of at least 15? Futhermore, in many field situations we have need to use sunscreens in conjunction with insect repellents. Well, did you know that DEET, the active ingredient in most insect repellents, can lower the effectiveness of sunscreens by about 30%? So take extra caution in the sun when using both by applying a sunscreen with a higher SPF.

## **GIS Guide to Good Practice**

http://
ads.ahds.ac.uk/project/goodguides/gis/

The Archaeology Data Service is pleased to announce the web publication of its GIS Guide to Good Practice. It provides guidance for individuals and organisations involved in the creation, maintenance, use, and long-term preservation of GIS-based digital resources. The volume is written for specialists, students, and those in between.

The GIS Guide has been written by a dedicated team of archaeologists, digital archivists, and GIS practitioners: Mark Gillings, Peter Halls, Gary Lock, Paul Miller, Greg Phillips, Nick Ryan, David Wheatley, and Alicia Wise.

A traditional published version of the GIS Guide to Good Practice will be available during the Autumn of 1998 from Oxbow Books. Contact Oxbow Books, Park End Place, Oxford, OX1 1HN for more information. Their E-mail address is oxbow@patrol.i-way.co.uk

This is the first volume in a series of Guides to Good Practice produced by the Arts and Humanities Data Service (AHDS). The AHDS is a digital archiving service in the UK consisting of six distributed services catering to the needs of researchers in archaeology, history, performing arts, text studies, and visual arts. Information about the AHDS Guide to Good Practice series can be obtained at: http://ahds.ac.uk/public/guides.html

Other titles in this series focus on the creation, management, preservation, and use of digital images, texts, etc.

Four additional guides in this series are being developed by the Archaeology Data Service. They cover the archiving of digital excavation records, data derived from aerial photographs and remotely sensed images, CAD datasets, and archaeological geophysics information. For more information about these Guides in particular, please see: http://ads.ahds.ac.uk/project/goodguides/g2gp.html.

## **News Release**

## For Immediate Release: June 16, 1998

## Statement of Dayton Duncan, Chairman, American Heritage Rivers Initiative Advisory Committee

I am pleased to announce that the Advisory Committee voted unanimously today to recommend to the President the following 10 rivers for designation as American Heritage Rivers: the Connecticut River (CT, VT, NH, MA), Detroit River (MI), Hanalei River (HI) Hudson River (NY), New River (NC, VA, WV), Rio Grande River (TX), Potomac River, (MD, PA,VA, WV), St. Johns River (FL), Upper Mississippi River (IA, IL, MN, WI) and the Willamette River (OR).

Recommending just ten rivers was an extraordinarily difficult task because there were so many fine nominations from across the country. It was extremely gratifying to see such an outpouring of grassroots enthusiasm from communities large and small. Americans are truly committed to restoring their rivers, and the President's initiative has helped galvanize these efforts.

In reviewing the nominations, we sought proposals that demonstrate strong grassroots support and reflect the tremendous diversity of the American experience. We sought a geographic balance that encompasses rivers both urban and rural, both well known and not so well known, both pristine and not so pristine. Another committee of 12 might have selected a different mix, also justifiable and valid. The final decision, of course, rests with the President. And should he choose to designate more than 10 rivers, we would enthusiastically support that decision.

We believe strongly that the President's initiative already is a success, because the simple call for nominations brought communities together and injected new energy into their river restoration efforts. We will recommend that the Administration recognize all the nominated rivers and come up with strategies to help these communities continue their fine work.

We are confident that this initiative will serve as a model for a new approach in the relationship between local communities and the Federal government, one in which Washington listens closely to the needs and ideas emanating from the grassroots level, and offers coordinated assistance, rather than trying to impose solutions from afar.

Contact: Elliot Diringer: 202-456-6224

## **Job Announcements**

## Archaeologist

The Cultural Resource Group of Louis Berger & Associates, Inc. is seeking an experienced archaeologist to fill a position opening in our Midwest Regional Office. This is a full-time, salaried position, not a temporary appointment. We are looking for a highly motivated individual to pursue quality archaeological research in a cultural resource management context. The successful applicant will serve as Principal Investigator and will be responsible for designing and implementing archaeological reconnaissance surveys, site evaluations, and site mitigation projects, supervising field crews and lab personnel, analyzing artifacts, and preparing technical reports and proposals.

Applicants must have a graduate degree in archaeology or anthropology and at least two years of supervisory work experience conducting archaeological field surveys and evaluating archaeological resources. Qualified applicants must be able to demonstrate strong analytical and writing skills and project management skills including an ability to meet budget and schedule requirements. Individuals with previous experience in Midwest or Eastern Plains prehistoric (preferred) or historic archaeology are strongly encouraged to apply. Experience with a range of computer applications, prehistoric artifact/site analysis, and familiarity with historic preservation law is highly desired.

Competitive salaries are negotiated based on qualifications. Employment benefits include: paid vacation, sick leave and holidays; medical/dental/life/disability insurance; 401K retirement plan, etc. The successful applicant must relocate to the Marion/Cedar Rapids metropolitan area (Pop. 150,000) and will be expected to travel for project assignments. EOE.

Please submit a letter of interest and current resume with references to:

Randall Withrow Louis Berger & Associates, Inc. 950 50th Street Marion, Iowa 52302-3853 319-373-3043 319-373-3045 (fax)

## The Ohio Historical Society

Archaeology Transportation Reviews Manager
Technical and Review Services
Department Historic Preservation Division
Full-Time/Contract

Nature of Work in this Class: This is a professional position within the Resource Protection and Reviews Department of the Ohio Historic Preservation Division (Ohio Historic Preservation Office) of the Ohio Historical Society. Work is carried out under the direction of the Department Head. The Archaeology Transportation Reviews Coordinator's primary responsibilities are the assessment of National Register eligibility of historic and prehistoric resources and the review of potential effects of federally assisted transportation projects on historic and prehistoric resources pursuant to Sections 106 and 110 of the National Historic Preservation Act of 1966, as amended.

Illustrative Examples of Work: Review of project documentation to determine eligibility of resources for listing in the National Register of Historic Places; offer comments and recommendations for the purpose of surveying and identifying significant historic and prehistoric properties. Review reports and other project documentation in order to assess potential effective to historic and prehistoric resources of transportation projects. Perform on-site inspections to evaluate effects of proposed transportation projects on historic and prehistoric resources as approved by supervisor. Evaluate proposals to avoid or mitigate adverse effects to significant properties; review and assist with development of Memoranda of Agreement and Programmatic Agreements. Review and comment on Federal and state agency regulations to historic preservation. Review state projects to assess the impact on properties for the purpose of compliance with state preservation law. Assist in the development and coordination of education and assistance to the Ohio Department of Transportation, the Federal Highway Administration, local transportation agencies, and appropriate individuals and organizations. This can include workshops, conferences, seminars, and training sessions.

Essential Knowledge. Abilities and Skills

Demonstrated ability to communicate effectively, both orally and in writing, with Federal, State, and local officials and agencies, as well as with consultants is essential.

#### Job Announcements...

continued from Page 7

Demonstrated ability to review project documentation for compliance with the Secretary of the Interior's "Standards and Guidelines for Archaeology and Historic Preservation" is required.

#### **Typical Working Conditions**

May require prolonged sitting, some bending, stooping and stretching. Requires eye-hand coordination and manual dexterity sufficient to operate equipment. Requires normal range of hearing and eye sight to record, prepare and communicate appropriate reports.

#### Typical Physical Conditions

Work is performed in an office environment. Involves frequent contact with staff and the public. Work may be stressful at times.

#### <u>Oualifications</u>

Applicants for Archaeology Transportation Reviews
Coordinator must have a graduate degree in Anthropology,
Archaeology, or a closely related preservation field, and meet
the qualifications as specified for "Archaeology" in 36 CFR 61,
Appendix A. Demonstrated knowledge of current historic
preservation legislation, regulations, and planning procedures is
preferred.

#### Apply To:

Personnel Office The Ohio Historical Society 1982 Velma Avenue Columbus, OH 43211

Posting Deadline: Position will remain open until filled

AN EOUAL OPPORTUNITY EMPLOYER

## Virginia Department of Transportation (VDOT) Archaeologist

Location: Environmental (Suffolk) Salary Range: \$26,604-\$41,535

Position: 16838

Duties: Design, manage, and/or conduct technical and scientific cultural resource studies that document and evaluate expected impacts of transportation projects to ensure VDOT compliance with Federal and State environmental laws, regulations. and guidelines. This position will conduct and monitor historic surveys; monitor day to day operations of cultural resource projects; assist in managing consultants involved in the environmental review process to include review and approval of consultant budgets and scope of work, selection of consultants, and review and approval of consultants technical reports; evaluate impacts on archaeological sites, and obtain clearance for projects; negotiate and draft documents relating to mitigating the impacts of projects on cultural resources; and serve as liaison with Federal Highway Administration, President's Advisory Council on Historic Preservation, National Park Service, and Department of Historic Resources to resolve issues of environmental concern.

Qualifications: Knowledge of environmental laws, policies, regulations, and procedures of archaeological methods and theories. Ability to apply technical and scientific principles and practices to cultural resources within a legally mandated framework; to design, conduct and oversee cultural resource studies; and to communicate effectively both orally and in writing. Education must be consistent with the Secretary of Interior's standards for an archaeologist. A DMV records check will be conducted.

<u>Preferred Qualification</u>: Substantial archaeological experience in the Mid-Atlantic and/or Southeast regions, coastal areas preferred.

For persons with a hearing impairment, we can be reached at 757-925-1626 via the Virginia Relay Center (1-800-828-1120).

Apply to: Virginia Department of Transportation, 1700 North Main Street, Suffolk, VA 23434

To apply, complete a State Application Form 10-012 and submit by 5:00 p.m. on the Closing Date.

Contact: Human Resources, 757-925-2520; FAX 757-925-1506

Application Deadline: July 24, 1998

## **History Museum Administrator**

## Musem of the Cape Fear Fayetteville, North Carolina

Description of Work: This is professional work in the administration of a history museum. The administrator supervises a staff of specialized and technical employees engaged in promoting the understanding of North Carolina history through collection, preservation, exhibition, and education activities at a regional branch of the North Carolina Museum of History. The site includes a museum, a Victorian-period historic house, and an adjacent park with several other buildings including a visitors' center. The administrator leads the development of longrange and annual planning for the regional museum, serves as a member of the Museum of History Council in state-wide planning, and oversees the overall exhibition and program development of the regional museum within that framework. The administrator serves as the primary liaison between the Museum of History and the regional museum community, including a regional museum foundation, working with the Museum Director and staff. The administrator is charged to develop exemplary exhibitions, programs, and activities which make the full resources of the Museum of History accessible in the regional context, working with other sections of the Museum across the state. The regular duties of the administrator include budget preparation and management, day-to-day operations of the museum facility, local staff personnel management, timely and effective program execution, coordination of consultations and service programs for other museums in the region, and participation in fund-raising activities. Reports to the Director, North Carolina Museum of History.

Knowledge, Skills, and Abilities: Considerable knowledge of museum field, current museum practices, and the ability to promote positive relationships between the museum and the community. Considerable knowledge of and familiarity with historical and material culture research, the issues and trends in regional public history, and general familiarity with American history. Ability to plan and supervise complex projects involving diverse disciplines. Ability to supervise a wide range of staff positions both professional and non-professional, work as a member of a state-wide team of professionals, and coordinate and promote the regional museum through support groups and other means in the local communities. Ability to establish and maintain effective working relationships with associates, officials, and the general public. Demonstrated ability to communicate effectively in both public and scholarly contexts through writing and public speaking.

Requirements - Minimum Education and Experience:
Bachelor's degree in history, American Studies, anthropology, museology, or related fields and five years progressively responsible work in a public museum, including one year as a

supervisor, or equivalent training and experience. Preferred: Master's degree plus two years experience in a supervisory role involving 10 employees or more

Closing Date: July 21, 1998

Position # 4802-0802-0002-835 Grade 72 Salary Range (\$32,656 - \$51,614)

To apply: Submit State of North Carolina "Application for Employment" Form PD 107 to:

Beverly Hartgrove Personnel Office North Carolina Department of Cultural Resources 109 East Jones Street Raleigh, NC 27601

Online access to Form PD 107: http://www.osp.state.

## **Announcement**

## American Association for State and Local History On the Move

The headquarters for the American Association for State and Local History (AASLH) is moving. AASLH will be packing up and moving June 29-30, 1998. Beginning July 1, 1998, their new address will be 1717 Church Street, Nashville, TN 37203. The telephone number will change, but the new number currently is not available. For now, continue to use 615-255-2971. Calls will be forwarded during this transition.

# Workshops, Seminars, and Classes

## National Preservation Institute 1998/1999 Seminars in Historic Preservation and Cultural Resource Management

The National Preservation Institute (NPI) has issued its 1998/1999 seminar schedule. NPI is a nonprofit organization that provides professional training for the management, development, and preservation of historic, cultural, and environmental resources. One- to three-day seminars bring distinguished faculty to highlight state-of-the-art practice in important areas of historic preservation and cultural resource management. Seminars focus on enhancing the skills of professionals responsible for the preservation, protection, and interpretation of historic, archaeological, cultural, and environmental resources.

A sample of seminar topics for Cultural Resource Management include:

Contracting for Cultural Resources Tasks
Historical Archaeology: An Interdisciplinary Approach
Identification and Management of Traditional Cultural Places
Planning, Design, and Implementation for Historic landscapes
(AIA/CES)

Practical Web Surfing for the Cultural Resource Manager Issues in Federal Cultural Resource Compliance Section 106: An Update for Contractors

A copy of the schedule, seminar descriptions, and agendas can be obtained by contacting:

Jere Gibber
National Preservation Institute
PO Box 1702
Alexandria, VA 22313
703-765-0100
E-mail: info@npi.org

or visit the NPI at www.npi.org.

#### Have You Got the Blues?

"Have You Got the Blues?" is a two-day workshop, conducted by the Conservation Center for Art and Historic Artifacts (CCAHA) that will focus on identifying, managing, and treating architectural records. Topics will interest architects, architectural historians, and those responsible for architectural records collections or other oversized paper-based materials.

The workshop will be held September 24, in Austin, Texas, and November 6, in New Orleans, Louisiana. For more information, contact: Susan DuBois, CCAHA, 264 South 23rd Street, Philadelphia, PA 19103; telephone 215-545-0613; E-mail: ccah@hslc.org; or visit & CCAHA's website: www.ccaha.org.

## Middle Woodland in the Region of Southern Lake Michigan

This session is to be part of the Midwest Archaeological Conference, 21-24 October 1998, hosted by Ball State University in Muncie, Indiana. Papers regarding Middle Woodland in southwestern Michigan, northwestern Indiana, northeastern Illinois and southeastern Wisconsin are currently being solicited. Topics can include artifact descriptions, floral/faunal studies, settlement patterns, chronology, exchange systems and other aspects of Middle Woodland within the region. Papers with a larger regional focus but including southern Lake Michigan will also be considered.

Dr. Mark Seeman of Kent State University will be the discussant.

Please send a maximum 600-word abstract by 10 July 1998 to:

William L. Mangold Technical Services Section Indiana Division of Reclamation Route 2 Box 129 Jasonville, IN 47438-9517

812-665-2207 fax 812-665-5041 bmangold@osmre.gov

A complete copy of the paper would be appreciated by 1 October 1998 for review by the discussant.

## The Grapevine Newsletter Subscription Information

## **Corporate Rates:**

\$30.00 - Each corporate subscriber is entitled to be included in the newsletter's quarterly corporate listings. Listing includes:

Firm name, Address, Telephone number, Fax number, E-mail address, and Contact person

\$10.00 Additional Office Rate - Corporate subscribers with more than one office can have the newsletter sent directly to regional or branch offices for \$10.00 per additional office.

#### Individual Rates:

\$20.00 - An individual subscription includes one free classified ad (to appear in one issue of newsletter) per year.

#### Academic /Government Rates:

\$15.00 - The Grapevine Newsletter is designed for private sector contractors. However, our colleagues from academic and governmental sectors, who have regular interaction with the private sector, are welcome to subscribe and contribute information.

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/4 page 3 3/8" x 4 3/4"	\$10.00	\$75.00	Cincinnati, OH 45210 513-287-7700
Ads received by the 1st of the moni-month's issue.	onth will appear	in the next	FAX 513-287-7703 E-mail: jharris@graypape.com

The Grapevine Newsletter 1318 Main Street Cincinnati, OH 45210 JUL 15 '98

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Michael Polk Sagebrush Archaeological Consultants 3670 Quincy Avenue, Suite 203 Ogden, UT 84403

BO 5561-8046

## Archaeological Equipment for Sale or Rent

Do you do archaeology in any of these places?

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