



# Archeology Program

National Park Service  
U.S. Department of the Interior



## January 2013 Archeology E-Gram

### NPS Archeologist Mark Lynott Retires

Mark Lynott has retired after 34 years as the supervisory archeologist at the NPS Midwest Archeological Center (MWAC). Lynott came to the center in 1978 and served as Regional Archeologist until 1996 when he was appointed Center Manager. While serving as Regional Archeologist, he worked closely with center and park staff to initiate archeological research and management across many parks. In 1996, he implemented a team approach to management and research of archeological resources, and despite increased demands associated with the position of Manager, Lynott has maintained direct involvement in archeological research with the development of active research programs in several NPS Midwest Region parks as a result.

Lynott also held an adjunct position in the University of Nebraska Anthropology Department and has frequently taught courses in archeological methods and cultural resource management, and many field schools. Through these courses and his support for hiring students in part-time positions at MWAC, Lynott has trained hundreds of students in all aspects of archeological research and management.



Lynott's ability to collaborate and his interest in innovative and multidisciplinary research have resulted in significant advances in knowledge. He has promoted the application of geospatial and geophysical methods to archeological resources and has played a pivotal role in research projects at Ozark NSR and Hopewell Culture NHP. His innovative and inclusive research methods at Hopewell Culture NHP are a model for excellent in archeological research and management.

Mark's friends and colleagues wish him all the best in his retirement.

*Submitted By Jill K. Lewis*

### NPS Chief Archeologist Receives Award

NPS Chief Archeologist Stanley Bond became the 31<sup>st</sup> recipient of St. Augustine city's de Avilés Award during a presentation at the beginning of the city commission's meeting on January 28, 2013. Bond devoted much of his early career to conducting archeological surveys and excavations in St. Augustine and St. Johns County for the Historic St. Augustine Preservation Board (HSAPB).

While working with the HSAPB, Bond was instrumental in drafting the city's archeology ordinance. The ordinance requires that archeological investigations be conducted on public and private properties before and during ground-penetrating construction activities. It applies to projects that occur within an archeological zone and that exceed more than 100 square feet in area and more than three inches in depth.

The ordinance, promoting the collection of archeological data, is one of the most comprehensive in the country. Since its adoption, a quarter of a century ago, more than 650 archeological projects have resulted in documentation of 10,000 years of human history in St. Augustine. In order to develop a cadre of citizen

scientists to assist with archeological projects in St. Augustine, Bond was a founding member and first president of the St. Augustine Archaeological Association. It is largely for Dr. Bond's leadership in the creation of the archeological ordinance that led to his being presented with the de Avilés Award.

The de Avilés Award was initiated by the commission in 1988 and, since 2002, has been presented annually to an individual "...identified in the field of public service or those well-known and respected by the citizenry who have dedicated and honorable service to the community of St. Augustine and St. Johns County." The award is named in honor of St. Augustine's Sister City, Avilés, Asturias, Spain. Avilés is the birthplace of Don Pedro Menendez de Avilés who founded St. Augustine in 1565.

For a list of past recipients of the de Avilés Award, visit [www.citystaug.com](http://www.citystaug.com).

For more information about NPS Chief Archeologist Stanley Bond, see **NPS Selects New Chief Archeologist** in the August 2011 Archeology E-Gram at <http://www.nps.gov/archeology/pubs/egram/1108.pdf>

### **Passing of Physicist John Weymouth**

John Walter Weymouth, emeritus professor of physics at the University of Nebraska-Lincoln, died December 20, 2012, from complications of Parkinson's disease. John was born on the Stanford campus in Palo Alto, California, where his father and grandfather were professors. He attended both Stanford and Berkeley and earned a PhD in physics. He taught and did research in physics at the University of California, Vassar College, Clarkson University, and the University of Nebraska where he retired in 1989.



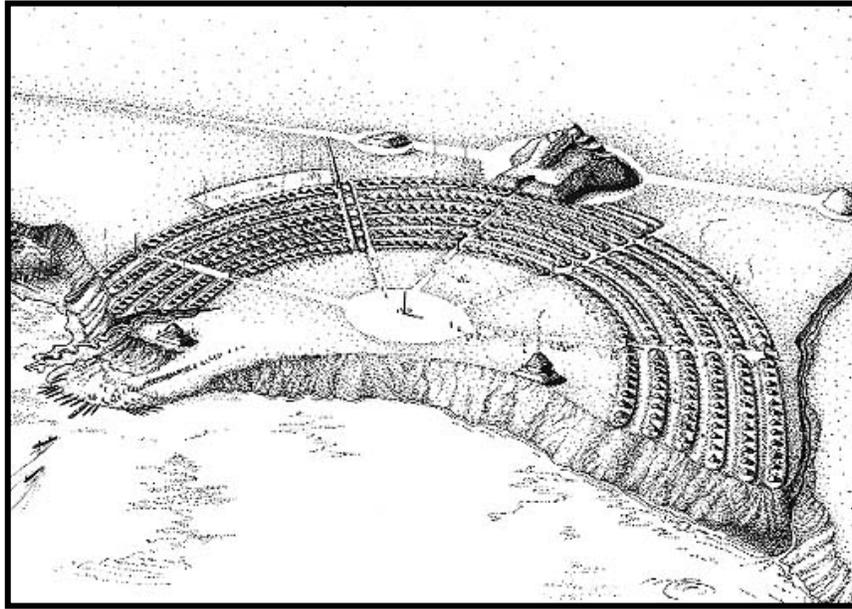
In mid-career John became interested in the application of scientific methods in archeology and worked with the NPS on many U.S. sites, for NATO-sponsored work in Greece, and other agencies. His pioneering work in the use of magnetometers and other remote sensing tools for subsurface mapping of sites transformed geophysical prospection in North America from a type of special analysis to an invaluable and standard part of contemporary archeology. He has been recognized with awards from the Society of American Archaeology and Nebraska Historical Society and, most recently, The Geological Society of America for lifetime achievement in the field of archeological geology.

### **Poverty Point State Historic Site and National Monument to be nominated as a World Heritage Site**

Located in northeastern Louisiana, Poverty Point State Historic Site and National Monument is an integrated complex of earthen monuments constructed 3,100 – 3,700 years ago. It consists of six enormous, concentric earthen ridges with an outer diameter of more than a half-mile, and several large mounds, including one of the largest in North America. This constructed landscape was the largest and most elaborate of its time on the continent and not duplicated anywhere else in the world.

In a podcast from October 2011 regarding earthwork stability and dendrogeomorphology, The National Center for Preservation Technology and Training (NCPTT) discussed the importance of Poverty Point with Diana Greenlee, Station Archeologist at Poverty Point. Greenlee explained that Poverty Point was built by hunter-gatherers, and when archeologists first began work on the site, they did not believe that hunter-gatherers would have the time or energy to build such a monument. The site also contains tons of stone brought from much of eastern North America, including sites in Georgia, Ohio, and Arkansas.

Greenlee's research focuses on mound preservation strategies. The mounds were originally covered by mature trees that would die and fall over in windstorms. As trees toppled, they brought up root balls coated in dirt that disturbed the archeological deposits. The disturbances could potentially start hard-to-control erosion on the steep slopes. It was decided that the trees needed to be removed from the mounds and the groundcover transitioned to more stable grasslands. In order to contribute more information regarding the risks of such a change, Greenlee and others decided to compare rates of erosion when the site was under tree cover with erosion rates that occurred while making the transition to grasslands.



Artist's reconstruction of Poverty Point archeological site.

If the World Heritage Committee approves the nomination of Poverty Point, it will become the 22<sup>nd</sup> World Heritage Site in the United States, most managed by the NPS. Eight American World Heritage Sites were designated because of their cultural resources. If designated, Poverty Point will join 962 sites in 157 countries listed as the most significant cultural and natural sites on the planet.

Two other potential nominations of U.S. sites are now in development: the San Antonio Franciscan Missions in Texas, and eleven buildings of Frank Lloyd Wright, located throughout the U.S.

For more information about Poverty Point, go to <http://www.crt.state.la.us/parks/ipvertyp.asp>

For more information about the World Heritage Program, go to <http://www.nps.gov/ola/topics/worldheritage/worldheritage.htm> and <http://whc.unesco.org>.

### **NPS Launches New Cultural Landscapes Webpage**

The NPS Associate Director, Cultural Resources, Stewardship and Science and the Park Cultural Landscapes program recently launched the first park cultural landscapes website. The site answers basic questions about cultural landscapes and serves as a gateway for more in-depth discoveries.

The website includes links to preservation briefs, National Register bulletins, Landscape Lines, and other important cultural landscapes guidance documents. Climate change and sustainability are included, and cultural landscape case studies for both are currently being developed.

The site also provides feature stories on cultural landscapes in NPS units, key people related to landscapes, and public versions of selected cultural landscape inventories (CLI's). Over the next year, additional stories and CLI's will be made publically available, so check back often.

As a companion to the webpage, the NPS Park Cultural Landscapes Program has also created a Facebook page at <http://www.facebook.com/NPSCLP>. Check it out for weekly features, announcements and quizzes, and be sure to "like" the program.

To visit the website, go to [http://www.nps.gov/cultural\\_landscapes](http://www.nps.gov/cultural_landscapes),

*By Susan Dolan  
Park Cultural Landscapes Program Manager*

### **John L. Cotter Award for Excellence in NPS Archeology Call for Nominations**

NPS archeologists created the John L. Cotter Award for Excellence in NPS Archeology to honor the long and distinguished career of Dr. John L. Cotter and his pioneering contributions to professional archeology within the National Park System, and to inspire student and professional archeologists to continue Dr. Cotter's model of excellence in scientific archeology.

The Cotter Award recognizes two categories of achievement: Project and Professional Achievement. Eligible projects may be a single fixed year or multi-year efforts of inventory, excavation, testing, mitigation, planning, or collection analysis. The professional achievement award is open to senior career still-practicing professionals, recently retired, recently deceased (posthumous recognition), and those who have recently left and demonstrated long-term service to the NPS.

Submit nominations no later than February 28, 2013. Nominations should be submitted via the NPS Awards Nomination portal, <http://share.inside.nps.gov/sites/WFM/Awards/SitePages/Home.aspx>. If an electronic submission is not possible, you may submit a hard copy nomination package before the deadline to:

Ebonee Mayo-Mitchell, Acting NPS Awards Program Coordinator NPS Division of Human Resources  
1201 Eye Street NW  
Washington, D.C. 20005  
Attn: Cotter Award Nomination

Nominations for the Cotter Award should include a cover sheet with the following:

- Name and contact information of Nominee



- Name and contact information of Nominator
- Type of Nomination (Project or Cumulative Achievement)

Include supporting information in no more than six pages of double-spaced 12-point font text. Up to three illustrations, photos, or figures may accompany the submission, in .jpeg or .pdf format. Nominations should address the following elements of eligibility with supporting details:

For a **Project** Nomination:

- a. Name and type of project and years covered;
- b. Park or Program that benefited from the project;
- c. Description of the research design including testable inquiries and data that addresses park management and scientific objectives;
- d. Description of involvement of participating students;
- e. Evidence of thorough scientific methods, technologies and appropriate specialists' studies that are integrated with curatorial standards to meet project goals
- f. Components of public education program to share results and benefits
- g. Descriptions of pro-active consultation or involvement with affiliated indigenous communities and/or other communities with associations to the project area
- h. Descriptions of dissemination of project results through presentations, reports, events or electronic media.

For a **Professional Achievement** Nomination:

1. Description of work in archeology and any innovations;
2. Park(s) or Program(s) that benefited from the project;
3. Description of excellent resource stewardship and specific examples
4. Description of broad-based public benefit activities, such as repeated, reliable, and significant contributions to the dissemination of archeological knowledge to diverse publics and stakeholders, including involvement with indigenous communities and/or other communities
5. Clear evidence that the candidate has significantly contributed to the dissemination of archeological knowledge to the non-NPS professional archeology sector

If the nominator is not an archeologist, including one on your writing team will make for a stronger nomination, especially in the scientific areas. See the WASO Archeology Sharepoint site <http://inpniscsfern1:7000/sites/WASO/WCR/default.aspx>) for winning nominations from previous years.

Nominations will be forwarded to the Cotter Award Committee, who will make the selection. The Committee Chair will present the award at the SAA or in another venue as appropriate.

**Contact:** Pei-Lin Yu, Cotter Award Committee Chair (406) 243-2660.

### **Interior Departmental Consulting Archeologist Requests Data for Federal Archeology Report**

The DOI Departmental Consulting Archeologist solicits information about Federal archeology through an annual questionnaire. Agencies also report on resolved cases of archeological resources law violations on Federal and Indian lands. The questionnaire solicits important summary information about activities that Federal agencies carry out as part of their stewardship responsibilities for archeological resources. The questionnaire is the only source for data about archeological activities and resources managed by Federal agencies that are collected separately from information about other cultural resources.

Letters soliciting archeological data are being sent to Federal agencies that managed land, supported Federal undertakings, or issue permits for undertakings that have the potential to affect archeological resources. Responses are due on March 30, 2013, but the Archeology Program will accept data at any time. Quantitative data will be posted to “Secretary’s Report to Congress on Federal Archeology” webpages on the NPS Archeology Program website at <http://www.nps.gov/archeology/SRC/index.htm>.

**Contact:** Karen Mudar, NPS Archeologist (202) 354-2103

### **Section 106: Agreement Documents Seminar**

The Texas Parks and Wildlife Department and the National Preservation Institute (NPI) are offering an advanced seminar focuses on memoranda of agreement and programmatic agreements under NHPA Section 106 on February 20-22, 2013, in Austin Texas. The seminar will train students how to negotiate the agreement process through careful analysis, clear writing, and good consultation. Review of guidelines, alternatives—and non-alternatives—to reach a favorable conclusion to the process is included. An agenda is available online at [www.npi.org](http://www.npi.org).

The instructor is Claudia Nissley, President of Nissley Environmental Consultants; a former Director of the ACHP Western Office; Wyoming SHPO; and a specialist in preservation issues relating to NHPA, NEPA, CERCLA, ARPA, and NAGPRA. The seminar meets the criteria for programs in the American Society of Landscape Architects Continuing Education System. ASLA members will receive 6 learning units each day.

A registration form is available online at [www.npi.org/register.html](http://www.npi.org/register.html). Advanced registration is available until January 11 for \$600. After that date, the regular registration rate is \$650.

The National Preservation Institute, a nonprofit organization founded in 1980, educates those involved in the management, preservation, and stewardship of cultural heritage. The 2013 National Preservation Institute seminar schedule is now available online at [www.npi.org](http://www.npi.org).

**Contact:** Jere Gibber, Executive Director, NPI, P.O. Box 1702, Alexandria, VA 22313; (703) 765-0100;

### **NPS Archeology Program Posts More Webinars on Current Topics in Archeology**

The NPS Archeology Program has posted webcasts from an on-going webinar lecture series devoted to dissemination of information about current research in archeology. The newest postings are

- **History in Bits and Pieces: The Battle of Cedar Creek** by Clarence R. Geier, James Madison University. Geier and students have documented evidence of the Civil War Union encampment of the Cedar Creek Battlefield, interpreted parts of the battle flow, and reconstructed the cultural setting. This presentation discusses approaches used in analyzing battlefield remains; methods and procedures used to study the land involved; and the results gained from the application of the layers of field research.
- **The Windover Site—Voices from the Past** by Glen H. Doran, Chairman, Florida State University. The Windover cemetery in Brevard County, Florida, has yielded preserved organics including woven materials, antler tools, wood bottle gourds, food remains, and bone tools with 168 burials dating in excess of 7,000 radiocarbon years.

Previous topics include recent developments in our understanding of Native American colonization of the New World to archeological investigations of World War II Japanese internment camps.

To listen to the webcasts, go to <http://www.nps.gov/archeology/tools/webinars.htm>

*Archeology E-Gram*, distributed via e-mail on a regular basis, includes announcements about news, new publications, training opportunities, national and regional meetings, and other important goings-on related to public archeology in the NPS and other public agencies. Recipients are encouraged to forward *Archeology E-Grams* to colleagues and relevant mailing lists. The *Archeology E-Gram* is available on the *News and Links* page [www.nps.gov/archeology/public/news.htm](http://www.nps.gov/archeology/public/news.htm) on the NPS Archeology Program website.

**Contact:** Karen Mudar at [dca@nps.gov](mailto:dca@nps.gov) to contribute news items, stories for *Projects in Parks*, and to subscribe.