

Iowa Archeology News



Newsletter of the Iowa Archeological Society

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Iowa Archaeology Month 2004: *Life in the Ice Age*

Lynn M. Alex

Iowa's 12th annual Archaeology Month, September 18–October 16, 2004, will explore the world and lifestyles of the state's earliest American Indian inhabitants and the now-extinct megafauna with which they shared an Ice Age landscape. Special weekend celebrations in three selected communities, three major museum programs, and partnerships with supporting organizations throughout the state will offer opportunities for all Iowans to take part.

This year's theme in a roundabout way extends the current commemoration of the Lewis and Clark expedition, since it was the Corps of Discovery which verified that Ice Age megafauna like the mammoth and ground sloth, were no longer extant in the western U.S. except in fossil form. This impacted the course of contemporary intellectual thought and helped establish both archaeology and paleontology as legitimate studies of the past. Sites recently uncovered in Iowa and the Midwest, and a national debate concerning ancient human remains, have renewed interest in both the animal and human residents of the Ice Age. They inspire us to reexamine the interrelationship between the two in Iowa and our own ways of interpreting the diversity of the past.

The Office of the State Archaeologist as the coordinating organization for IAM 2004, plans to offer programming during the period of September 18–October 16, 2004. The new mammoth exhibit at the State Historical Society Museum of Iowa and the recently investigated sloth site by the Natural History Museum at the University of Iowa will be featured components of this year's event. The OSA will also provide guidance and assistance to partnering organizations, and encourage lectures, tours, demonstrations, and exhibits related to the IAM 2004 theme at libraries, historical societies, county conservation centers, and schools throughout the state. Libraries, for instance, will receive copies of the IAM 2004 poster and a suggested list of titles to encourage *Life in the Ice Age* book displays. Depending on funding, the major events planned include:

Special IAM Weekend Celebrations

While IAM has reached thousands of Iowans over the past decade, this year's event will target specific areas of the state to better economize on financial resources and personnel, and more effectively promote a local dialogue about heritage conservation and stewardship. The OSA has selected three communities to host special IAM 2004 "weekend celebrations:" Red Oak, Iowa Falls, and Storm Lake. Red Oak was selected because it has been a dependable local IAM partner which consistently extends IAM activities to dozens of its residents. Storm Lake in contrast,

represents an area of the state that has rarely participated in IAM. Iowa Falls is currently at the forefront of site stewardship and local historic preservation efforts.

Each weekend celebration will include:

- Pre-visit informational packets on the IAM theme forwarded to local schools. Each packet will include the IAM 2004 poster, information on life in the Ice Age with distribution maps showing discoveries in Iowa, a lesson plan, and a suggested resource list.
- A similar informational packet forwarded to local libraries, historical societies, and county conservation centers.
- A noon presentation by OSA Director and State Archaeologist Dr. Elizabeth Pauls, to a receptive community service organization: Rotary, Kiwanis, Lions, Optimist, or Chamber of Commerce. This presentation will dovetail interesting details of Ice Age Iowa with a discussion of heritage stewardship and conservation measures and their relationship to economic development and tourism.
- Friday visits to two local schools/classrooms for presentations on the IAM 2004 theme utilizing the OSA's traveling resource kit, *Time Capsules from the Past: Iowa 13,000 Years Ago*.
- Friday evening keynote program by experts in the field of Ice Age archaeology and paleontology.
- Saturday "Specials:" demonstrations on early American Indian technology and presentations on topics related to the world and inhabitants of the Ice Age.

Museum Presentations: To highlight recent Ice Age discoveries by Iowa museums and foster local dialogue about who owns the past and how it is interpreted, the State Historical Society Museum, the Natural History Museum-University of Iowa, and the National Mississippi River Museum and Aquarium, are planning to offer special programming at their respective facilities in Des Moines, Iowa City, and Dubuque.

Rock, Fossil, Artifact: Road Shows Ten artifact "road shows" will be offered at locations around the state. Since 1999 these artifact-identification sessions have been an integral part of IAM and one of the most requested programs.

IAMP poster The poster will illustrate the IAM 2004 theme and include educational information about Ice Age Iowa. Last year's poster proved exceptionally popular with educators because it included useful social studies content information. Over 8,000 copies of the IAM 2003 poster were distributed thanks to the assistance of the State Historical Society.

Time Capsule from the Past: Iowa 13,000 Years Ago Traveling resource trunks focusing on Iowa: 13,000 years ago will be loaned to schools and other organizations. The OSA hopes to prepare two new trunks for this year's event.

The Iowa Archeological Society has proved a reliable partner and financial sponsor of IAM over the past decade. The IAS has offered \$2,500 in support of the event this year, and IAS Board members have provided useful suggestions about programming and indicated a willingness to assist in their local communities. Anyone who would like to join them, please contact Lynn M. Alex at the Office of the State Archaeologist-University of Iowa.

**IAS FALL 2004 MEETING
LUTHER COLLEGE, DECORAH, IA
October 9, 2004**

THE VANISHING LANDSCAPE OF ZEBULON PIKE
presented by
John O. Anfinson

This talk focuses on how much the river has changed since Pike's time and how these changes have affected where archeological sites might be and what condition they might be in. Biologists have been warning of the ecosystem collapse effect being caused by the locks and dams. One of the most serious problems is island loss. What they don't realize is that many of those islands might contain archeological sites.

John O. Anfinson is the historian and cultural resources specialist for the Mississippi National River and Recreation Area, a unit of the National Park Service.

For additional information, contact:
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Orr Chapter, Iowa Archeological Society
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IAS members will receive additional information, including business, presentation, and fieldtrip agendas, prior to the meeting.

IAS Members Again Enhance Excavation of the Northboro Sloth in April and May Holmes Semken

Professor Emeritus, Department of Geoscience
University of Iowa

Volunteer excavators, including many IAS members, participated in two field trips to continue excavation of the Northboro sloth, one in April the other in May. The first order of business each time was bailing rainwater that collected behind the cofferdam and skimming muck residue overlying the sloth horizon. Bone began to appear immediately to both the north and to the east of the January trench. A 2 x 3 foot oval of fractured bone to the east was carefully cleaned of matrix and by the end of the day was identified as part of the pelvis including an acetabulum. Another cluster of bones was discovered immediately north of the northeast corner of the January trench wall. This cluster was offset two feet northwest of the pelvis and was at the same elevation. This cluster contained a humerus, a sub-cluster of three ribs, a mandible, several teeth and, potentially, a major portion of the skull. All in the latter cluster were removed in one of three plaster casts. The pelvis was covered and reburied for recovery later during the next excavation. Unfortunately, a gravel deposit in the north central area of the clearing also was encountered. This late Pleistocene/ early Holocene gravel is clearly entrenched into the sloth-bearing clay because the distal end of a *Megalonyx* radius and a carpal/tarsal were reworked into this gravel. It is impossible to evaluate the degree of reworking at this time.

On May Day, we again entered the site from the north side of the west Tarkio, bailed and cleared mud residue from the area to be investigated. The primary purpose of this trip was to recover the pelvic remains discovered on

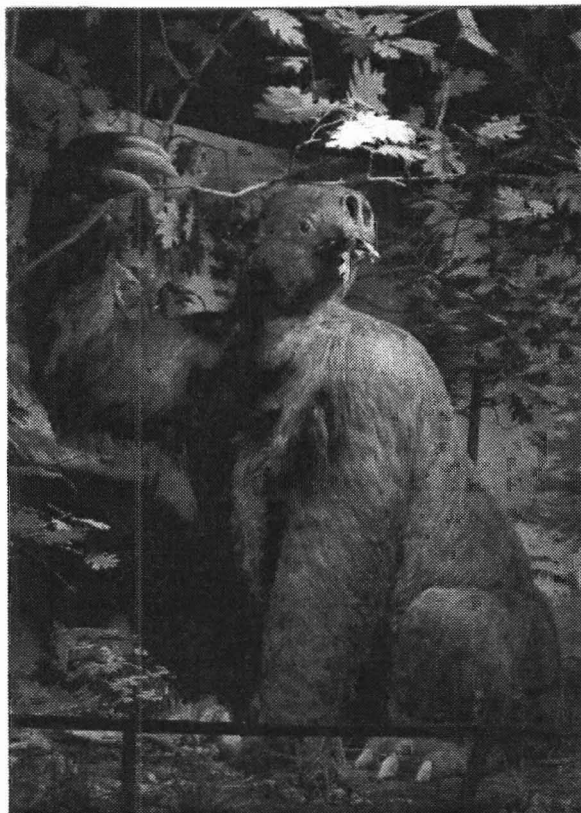
the previous dig and test for more bone. The pelvis, which was removed in two blocks, is a jumble of large and small fragments that are at odd angles to each other. A mammoth could have stepped on it. Both hip sockets are present and appear to be almost opposite to each other in the four to 12 inch thick mix. Hopefully, we have all or most of this element, which is rarely preserved because of its size. The bad news is that rodents have gnawed the entire margin of at least one large fragment of the pelvis and there is rodent work on another piece. Some of the specimen clearly was exposed for a period before burial. We also recovered a well-preserved radius and a number of hand/foot bones on

this trip. Volunteers in Iowa City are busy cleaning, preparing and removing bone from the casts collected on these trips.

Participants for one or both days during April were, in order of sign in, Don Wirth, Sonya Housholder, Rosemary Harding, Gene Turner, Larry Pierson (dad), Garrett Pierson (son), Robert McAfee, John McLure, Georgia Knauss, Aaron Last, Sara Laue, Pat McCauley, Charlotte Wright, Chuck McKee, Melissa Mott (daughter), William Mott (dad), Lynette Stephenson, David Brenzel and Holmes Semken.

Volunteers on the second trip were William Mott, Melissa Mott, Don Johnson, John McLure, Sarah Pitzen, Robert McAfee, Mindy Householder, Dave Brenzel,

Holmes Semken, The owners of the joining properties, Dean Tiemann, Loretta Tiemann, Bob Athen and Sonia Athen also attended both digs.



Ground Sloth
University of Iowa Museum of
Natural History - Iowa Hall

Lewis and Clark Bicentennial Commemoration
White Catfish Camp
Western Historic Trails Center
3434 Richard Downing Ave
Council Bluffs, IA 51501

Friday, July 23

- 9:00 Welcome - WHTC staff/Laurie Heupel, NPS
- 10:00 Bev Hinds, Lewis & Clark historian, The Death of Sgt Floyd
- 11:00 Wynema Morris, Omaha Tribe, Pvts Cruzatte and LaBiche, Omaha-Frenchmen of the Corps
- Noon *Native American food vendor, Barb Baxter, Omaha
- 1:30 Chris Howell, Pawnee, Lewis & Clark Native American Symposia
- 2:30 Dick Williams, NPS, History of the Lewis & Clark Trail
- 3:30 Music of the trail – WHTC staff

Saturday, July 24

- 9:00 – 6:00 Visit Gift Shop, Keelboat, and Discovery Corps
- 9:30 Welcome – Mayor Hanafan
- 10:00 Ron Laycock, President L & C National Heritage Trail Foundation
- 11:00 Gary Moulton, Editor, Lewis & Clark Journals
- Noon *Native American food vendor, Barb Baxter, Omaha
- 1:00 Matt Jones, Otoe/Missouria, Wahtohtana hedan Nyut^achi mahin Xanje akipa
(Otoe and Missouria meet Big Knives)
- 2:00 Renae Hunt, Educator, What is Your Value Worth? The unpaid members of the Corps
- 3:00 Butch Bouvier, Boat Builder, Pirogues and Keelboats
- 4:00 Music by the Roundhouse Band

Sunday, July 25

- 9:00 – 6:00 Visit Gift Shop, Keelboat, and Discovery Corps
- 9:30 Roundhouse Band
- 10:30 TBA
- 11:30 *Native American food vendor, Barb Baxter, Omaha
- 12:30 Iron Bull, Dancers from Winnebago Tribe
- 1:30 Chris Bechtold, rancher and author of *A Current Adventure, in the Wake of Lewis & Clark*
- 2:30 Dale Clark, Educator, Portraying Patrick Gass
- 3:30 Iron Bull

The Discovery Corps camp and a keelboat will be set up on the river trail Saturday. *Native American food and art will be available for purchase.

Special thanks to the National Park Service, Humanities Iowa, Wal-mart and the State Historical Society of Iowa for funding this project!

OBITUARY
Virginia K. Cunning
1923 – 2004
by Tom Chadderdon

Lifetime IAS member Virginia Cunning passed away on April 15, 2004, at Kavanaugh House Hospice in Des Moines, Iowa, following a battle with colon cancer. She was 80 years old.

Virginia was born in Miltonvale, Kansas, to a dryland wheat farming family that in 1933 found their way to Bennett, Colorado, about 30 miles east of Denver. Virginia was the oldest of five girls and learned to drive grain trucks at an early age. After high school she attended Colorado A&M at Ft. Collins. There she met Willis (Larry) Cunning at a USO dance and they were married in 1944.

Larry's career managing physical plants took them to Minnesota and Wisconsin, and their family grew by four with the birth of two sons and two daughters between 1946 and 1965. They eventually ended up in Beloit, Wisconsin, where Virginia received a Bachelor's degree in Anthropology from Beloit College in 1969. It was a source of great pride to her to be in the same graduating class with her older daughter.

The Cunning family moved to Des Moines in 1969 when Larry became Director of the Drake University physical plant, and one of the first things they did after arriving in Des Moines was join the IAS. In 1970 Virginia saw an ad

on the Drake campus advertising a position as an anthropology instructor. When she was told that they could hire her if only she had a Master's degree, she began commuting to Ames and Iowa State University to pursue that degree, which she completed in 1975 after submitting the thesis *Ethnicity in a Midwestern City: An Anthropological Study of the Greeks in Des Moines, Iowa*. Her studies were in cultural anthropology, but Virginia also took courses and weekend field schools in archaeology from David Gradwohl.

The opportunity to teach anthropology at Drake with a Master's degree faded by 1975 when the rising tide of new Ph.D.'s filled those positions, but Virginia did work in other positions in the university, retiring from Drake in 1992. She and Larry were active participants in IAS meetings and trips, slowing down only after taking part in the IAS-sponsored trip to Cahokia in 1998. They were avid travelers and Virginia's eye was always attuned to the changing landscape and changing natural and human adaptations, a true mark of an anthropologist and archaeologist. Virginia is survived by her husband of 60 years, and by four children to whom she imparted her love of history and prehistory, nature, and culture.

IAS Web Site

<http://www.uiowa.edu/~osa/IAS/iashome.htm>

***Editor's Note:* The Fall issue of *Iowa Archeology News* will feature the next installment of the FYI feature: "Euro-American Accounts of Historic Contact in the Upper Midwest - Colonial Wars (A.D. 1700-1763)" by Tim Weitzel.**

The *Iowa Archeology News* Editor would welcome additional contributions of articles for future issues. Please contact him for more information at paleomike@msn.com or (515) 255-4909. Thank you.

IAS SPRING MEETING

The NW Chapter of the IAS hosted the IAS Spring Meeting at the Sanford Museum, Saturday, May 1, 2004. After a welcome given by IAS President, Bill Anderson, the membership enjoyed a variety of short presentations including:

- “NW Chapter’s work with the Van Voorhis Collection” - Mark Mertes
- “New Resource on Meskwaki History and Culture” - Lynn Alex
- “Iliniwek Village Site” - Roger Boyd
- “Ground Sloth Excavation” - Robin Lillie
- “Axes to Grind in Plymouth County” - Paul Williams
- “Fall 2004 IAS Meeting Update” - Joe Tiffany and Joe Thompson

During the IAS Business Meeting, elections for the IAS Board of Directors for 2004 took place with results as follows:

- President for a one-year term – Bill Anderson
- Vice President for a one-year term – Lynn Alex
- Directors for a three year term (2004-2007) – Ferrel Anderson, Mark Dillon, Linda Zintz, and Mark Mertes

IAS Journal Editor Joe Thompson reported the next journal will include articles on sites near Dubuque. David Gradwohl will edit a special publication in honor of Maria Pearson. Those publications will complete Joe Thompson’s term as *Journal* Editor. Mike Perry will be the new *IAS Journal* Editor



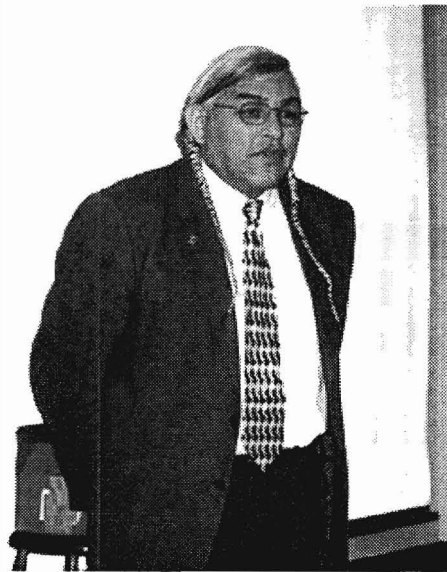
Statue at Lewis & Clark Interpretive Center

The Bylaws Amendment to designate that the Iowa State Archaeologist and a State Historical Society of Iowa staff member serve on the IAS Executive Board in a non-voting ex-officio advisory capacity was not approved. The Board will review the suggestions made.

The membership voted to increase the IAS dues beginning 2005. The results follow:

- Voting (Individual) from \$15.00 to \$20.00
- Household from \$18.00 to \$25.00
- Sustaining from \$25.00 to \$30.00
- Non-Voting
- Student (under 18) from \$7.00 to \$9.00
- Institutions from \$20.00 to \$30.00

Following the IAS Business meeting and a sack lunch, the group boarded a bus for a field trip to Sioux City to visit the Lewis and Clark Interpretive Center and the Sgt. Floyd Memorial. A barbeque and musical entertainment started the evening activities.

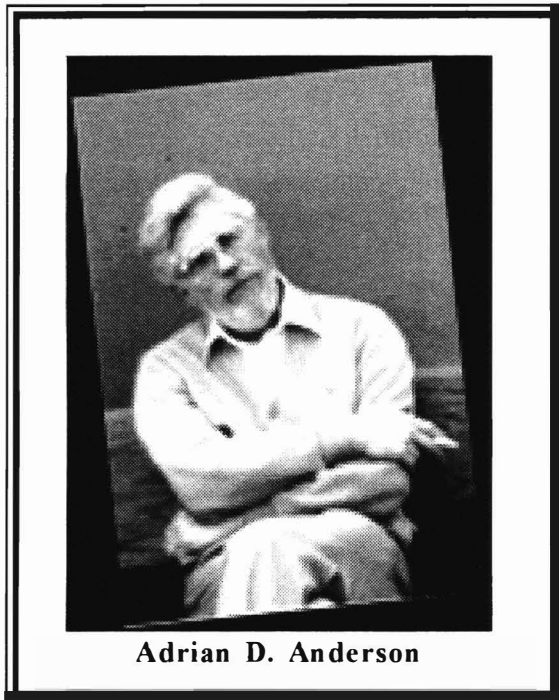


Gerard Baker

Dan Higginbottom presented the Keyes-Orr Award to the late Adrian Anderson, long time IAS member. His wife and daughters accepted the award. Banquet speaker Gerard Baker, Superintendent of Lewis and Clark National Historic Trails presented *We Saw Them Coming*, an overview of the Lewis and Clark Expedition from the American Indian perspective. He discussed the life ways of the American Indian during the time of Lewis and Clark and the expedition’s impact on them.

On Sunday a caravan to the Crocker site furnished an overview of the archeological field school the Sanford Museum and its association will be sponsoring in the summer.

Lynn M. Alex



Adrian D. Anderson

IAS readers learned in the winter 2003 issue of the Newsletter of the recent passing of Adrian D. Anderson, former Director of the Iowa State Historic Preservation Program and the Iowa State Historical Society. Last fall Adrian was very pleased to learn that he had been selected to receive the Keyes-Orr Award for 2004 which recognizes outstanding service to the Iowa Archeological Society and to research, reporting, and preservation of the state's prehistoric and historic heritage. At this year's spring meeting banquet, Dan Higginbottom, IAS Board member and the individual who had nominated Adrian, presented the award and provided testimonials to Adrian's wife Barbara and two daughters, Meghan and Kathleen. Members of the audience joined Dan in relaying personal recollections of Adrian's life as an archaeologist, preservationist, and friend.

Only days later Adrian was posthumously awarded the State Historical Society's Peterson/Harlan Award, presented to an individual, group, or organization that has made significant long-term or continuing contributions to Iowa history, for his work to establish the State Historic Preservation Office in Iowa. Once again, Barbara Anderson accepted the award on Adrian's behalf. In announcing the award, Sarah Oltrogge, Public Relations staff member at the State Historical Society, relayed the following:

In 1966, with passage of the National Historic Preservation act, individual states soon began establishing statewide preservation programs as part of this new national effort with the National Park Service. By 1971, less than 10 U.S. states were still not participating—Iowa included.

Adrian Anderson, who was the Assistant State Archaeologist with the University of Iowa's Office of the State Archaeologist at the time, would visit with William Peterson, superintendent of the State Historical Society of Iowa about matters concerning archaeological sites in Iowa and the National Historic Preservation Act. Peterson knew of the program and had received materials to make Iowa a participating state, but had not acted upon them.

Anderson went to Governor Robert Ray's office to voice his interest in becoming Iowa's State Liaison Officer. In 1971, Anderson earned this title and was given the directive to implement provisions of the National Historic Preservation Act in Iowa.

Over the next six years, Anderson built the *program* to its full extent. The office expanded to 10, including a professional architectural historian, historian, archaeologist, planner, National Register editor, preservation architect, and other program support staff. Iowa's place in national program developments became considerable through Adrian Anderson's dedicated participation in the National Conference of State Historic Preservation Officers (NCSHPO). As the only trained archaeologist, Anderson became an important reviewer of federal regulations as federal agencies worked to meet their responsibilities under the National Historic Preservation Act.

"These were the formative years of Iowa's state historic preservation program and Adrian Anderson made it happen," said Lowell Soike, deputy state historic preservation officer. "The result we see today is a highly regarded and professional state preservation office dedicated to broadly encouraging local preservation efforts and careful attention to advising agencies and grant applicants on how to best carry out preservation work."



Dan Higginbottom presents Keyes-Orr Award to the family of Adrian Anderson



Now Available through IAS, from University of Texas Press, Austin

American Flintknappers

Stone Age Art in the Age of Computers

John C. Whittaker

Professor of Anthropology, Grinnell College

"In this book, avid knapper and professional anthropologist John Whittaker offers an insider's view of the knapping community. He explores why stone tools attract modern people and what making them means to those who pursue this art. He describes how new members are incorporated into the knapping community, how novices learn the techniques of knapping and find their roles within the group, how the community is structured, and how ethics, rules, and beliefs about knapping are developed and transmitted. He also explains how the practice of knapping relates to professional archaeology, the trade in modern replicas of stone tools, and the forgery of artifacts. Whittaker's book thus documents a fascinating subculture of American life and introduces the wider public to an ancient and still rewarding craft." [University of Texas Press <http://www.utexas.edu/utpress/books/whiame.html>]

6 x 9 in., 384 pages, 12 color photos, 70 black & white illustrations, 10 tables.

Hardcover, no dust jacket, ISBN 0-292-70163-2. Publisher's list price \$65.00

Paperback, ISBN 0-292-70266-3. Publisher's list price \$29.95

Iowa Archeological Society is pleased to offer a limited number of copies at discounted prices! \$60.00, Hardcover; \$25.00 Paperback

Send check or money order, payable to Iowa Archeological Society, to :

Tom Harvey, 3442 Ute, Waukee, IA 50263-8082

Proceeds from the book sales support the IAS Research and Education Fund, providing outreach and education through events such as field schools and Iowa Archaeology Month

IAS Members Certified

Lynn M. Alex

Two new IAS members were awarded Archaeological Certification at the annual spring meeting in Cherokee. Cindy Smith, a Classics Professor at Loras College in Dubuque, and Gunter Kraus from Winnipeg, Manitoba, successfully completed all requirements in the Field Technician category this past year. Cindy has undertaken field research with the Mississippi Valley Archaeological Center at the University of Wisconsin-La Crosse and Crow Canyon in Colorado, and Gunter participated in the Public Archaeology Program at The Forks, and assisted in field work for the Manitoba Provincial government.

Cindy and Gunter join the ranks of over 270 IAS members who have earned certification since the program was

established in the mid 1970s. Its purpose is to recognize IAS members who are willing to invest time and effort in learning to better understand the process of archaeology under the guidance of professionals, and to assist in documenting and studying Iowa's archaeological past. Certification is awarded in one of three categories: site survey, field technician, and lab technician.

At the annual IAS Business meeting, Lynn M. Alex, who has coordinated the Certification Program over the past five years, announced that she is looking for a successor. Any professional archaeologist interested in directing the program over the next few years please contact her at the Office of the State Archaeologist-University of Iowa.

IAS Announcements

Events-Education-News

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New! IAS Logo Patches

Colorful, 3½" iron-on patches designed by Jerry Baker
Perfect for caps, denim jackets, khaki shirts
Only \$5.00 each



Red lettering and trim, blue background, green state, brown Oneota pot, and white Clovis point. Available at Spring and Fall Meetings. Or send check or Money order to:

Office of the State Archaeologist, 700 S Clinton St.
University of Iowa, Iowa City, IA 52242

IAS Chapter News

Black Hawk Regional Chapter

The Black Hawk Regional Archeological Society met Wednesday, April 7th to hear Dr. Kenneth Atkinson from UNI speak on the *Historical Accuracy of the Film "The Passion of the Christ."* In May, Cindy Peterson of the University of Iowa gave a presentation on a trading post south of Iowa City.

Contact Lisa Beltz
1804 W. Ridgewood Drive, Cedar Falls, IA 50613
(319) 268-0865
Lisa.Beltz@uni.edu

Central Iowa Chapter

In March, *Early History of African American Culture in Jasper County* was presented by Melanie Lahart. Melanie teaches anthropology at Des Moines Area Community College's Newton and Ankeny campuses. Two ISU Anthropology graduate students gave presentations at the April CIC meeting. Erik Otarola-Castillo presented *Application of the Modified-Whittaker Sampling Design to Archaeological Site Structure: An Example from a Dalton Site in Central Iowa*. His research interests lie in the study of archaeological faunal assemblages in order to understand past human subsistence strategy as well as behavioral response variability to changing environments. *Dalton in Central Iowa: Analysis of the Lithic Assemblage from the Reese Site, Hardin County* was the talk given by Adam Craig Holven. Adam has degrees in Geology and Anthropology from the University of Northern Iowa. Currently at ISU, he is working on his Master's thesis, which is understanding Paleo-Indian site formation. Several CIC members attended the Spring IAS Meeting at Cherokee.

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What's the Point?

The projectile point featured in the Spring *Iowa Archeology News* (Vol. 54, No.1, Issue 189) is thought to be a Back Tang Knife. The Editor thanks Jim Schmuecker (Marengo, IA) for his response suggesting the artifact was a Corner Tang Knife made of either Obsidian or Moline Chert.

Watch for What's the Point in the Fall issue of *Iowa Archeology News*.

Southeast Iowa Archaeology Chapter

Saturday, May 22nd the Southeast Iowa chapter visited the mounds at Sioc Cemetery, the Fulton Museum north of Selma and walked the creek bottom on the Fulton property. They are also publishing a nice looking Chapter Newsletter.

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Northwest Chapter

April 18th the NW Chapter met at the Sanford Museum and took a field trip to a mound site just south of the Little Sioux River in Cherokee where they mapped and measured the site for reporting to the U of I-OSA. The Northwest Chapter and the Sanford Museum were also busy with the preparations for hosting the Spring Iowa Archeological Society meeting May 1-2 and the Archaeological Field School June 7-18 at the Crocker Site.

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Ellison Orr Chapter

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Quad City Archaeological Society

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IAS PROFILE NOMINATIONS

Iowa Archeology News would like to feature an avocational archaeologist in the Fall, 2004 issue.

If you know of an IAS member whom you feel should be honored, please submit your nomination with a brief explanation to the Editor by July 30th.

Thank you.



**GIS@OSA:
Geographic Information
Systems at the Office of the
State Archaeologist**

Geographic Information Systems (GIS), a computer technology that links information on maps to information in databases, is used to manage the Iowa Site File, the master inventory of Iowa archaeological sites maintained at UI-OSA. Using GIS, the Site File has evolved from paper-based files into a digital map and database known as I-Sites. I-Sites uses the World Wide Web to disseminate archaeological information to archaeologists, planners, government officials, educators, and the public while protecting the confidentiality of site-specific location information. A professional version of I-Sites, password-restricted to professional archaeologists, displays actual archaeological site and survey locations on a base map of U.S. Geological Survey topographic maps. A second on-line GIS, at <http://www.uiowa.edu/~osa/gisatosa>, is not password protected, but shows only the number of sites recorded per 1 x 1 mi section. Development of I-Sites and the underlying GIS was funded with grants from the National Park Service and Federal Highway Administration, respectively. The GIS Facility at Iowa State University maintains I-Sites' on-line map servers. The State Historical Society of Iowa pro-

vides I-Sites with information on archaeological survey areas.

**A Year in the Life of the Iowa
Site File**

In the past year, Colleen Eck, OSA's Site Records Manager, completed 335 site searches, delivering information on sites in 94 of Iowa's 99 counties. Most requests came from government agencies, regional planners, and engineering firms. Only 35 came from professional archaeologists. As more archaeologists turn to I-SitesPro, Colleen is able to spend more time with her non-archaeological clientele, helping them gather the data needed to comply with historic preservation laws. I-SitesPro also frees Colleen to help educators and private citizens learn about local archaeology or record their own findings with OSA.

I-SitesPro is also used to add new data to the Iowa Site File. In the past year, GIS@OSA received information on 431 newly recorded sites in 72 counties. I-SitesPro streamlines this process by automatically assigning numbers to new sites, and providing a Web-based site form for recording data about the sites. Once checked for completeness and accuracy by GIS@OSA staff, the new data, including mapped locations, become

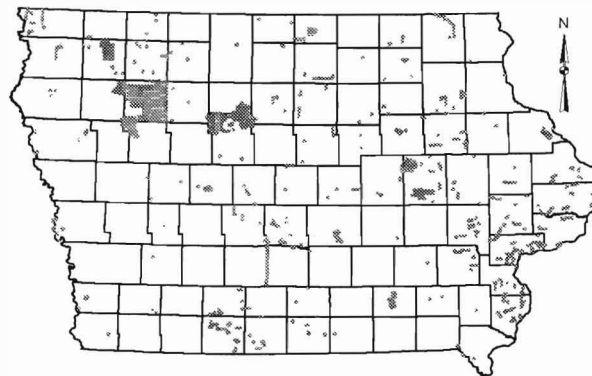
part of the on-line database and GIS.

New Projects, New Staff

In the coming year, GIS@OSA will work on several grant-supported projects to develop GIS models of prehistoric site location. These models attempt to reconstruct the decisions that prehistoric people made in selecting locations for camps and villages. The models will help land-use planners anticipate where sites are likely to be found. This information will also be useful to archaeologists as they plan and prepare budgets for survey projects. Current modeling projects are funded with grants from the Iowa Department of Transportation and the Federal Highway Administration, and include partnerships between UI-OSA, the U.S. Department of Agriculture and the Iowa State University GIS Facility.

To work on these projects, OSA welcomes two new staff members. Melanie Riley, a native of Fairfield, Iowa, has a BS in business from Truman State University, Kirksville, Missouri. She just completed a BA in Anthropology at the University of Iowa. Although new to the professional staff, she spent the past year as a work-study student and intern with GIS@OSA. Iowa native Chad Go-

ings was born in Pocahontas and grew up in Manson. He lives with his wife Beth and 22-month-old daughter Ella in Washington, Iowa. He has a BA in Anthropology from the University of Northern Iowa and an MA in Anthropology from the University of Arkansas.



Map of Iowa showing location of site searches conducted in the past year.

Archaeology Items of Interest

Events

9/11- 7th Annual Native American Celebration Prairie Awakening at the Kuehn Conservation Area, Dallas County Conservation

Experience the music, songs, dances and stories of the first peoples and the awakening of the wilds in Dallas County. Seven summers ago, the Dallas County Conservation Department, DCCD, began celebrating a "Prairie Awakening." The celebration will encourage people to "return to the landscape" and to view nature as not a place to visit, but as their home. Those attending will be immersed in the prairie as a classroom, invited to participate in the celebration by joining in dance, and listening to the wisdom of an elder's story. For more information, contact Chris Adkins, Naturalist/Environmental Education Coordinator by phone at (515) 465-3577, Email: info@dallas25.org, or visit the Website: www.dallascountyconservation.org

Articles

Protecting our Archaeological Heritage "Throughout the world, increasing populations and development are leading to the destruction of many archaeological sites. Archaeologists have taken the lead to protect these sites, by supporting the creation of protection laws and conducting archaeological research in advance of site destruction." Read more on this and other related topics at K. Kris Hirst's Web Site: [About.com Archaeology Guide](http://about.com) <newsletters@about.com> and <http://archaeology.about.com/od/heritagemanagement/index.htm>

Early man had mining in mind by Michael Hopkin. "An Israeli research team has caught our ancestors in the act of learning to mine raw materials for tools." See Nature News Service/Macmillan Magazines, May 18, 2004 at: www.nature.com/nsu/040517/040517-4.html

Books

The Public Benefits of Archaeology, edited by Barbara Little, contains 23 papers on why archaeology is important to modern-day people, and how an archaeologist or a member of the interested public can help to explain to others how useful learning about the past can be. Published by University of Florida Press.

Archaeological Survey (Archaeologist's Toolkit, V. 2) by James M. Collins and Brian Leigh Molyneaux (Copyright 2004 Book News, Inc., Portland, OR). Collins (Office of the State Archaeologist, U. of Iowa) and Molyneaux (U. of South Dakota Archaeology Laboratory) discuss the rationale of surveys, their legal aspects, research design, direct and indirect techniques, mapping innovations such as global positioning systems, and "trying to make it real." Includes b&w photos, diagrams, a sample news release, and a sample letter to a landowner.

Membership Information

Contact Membership Secretary, Iowa Archeological Society, University of Iowa, 700 Clinton Street Building, Iowa City, IA 52242-1030.

Membership Dues

Voting:

Active	\$15
Household	\$18
Sustaining	\$25

Non-Voting:

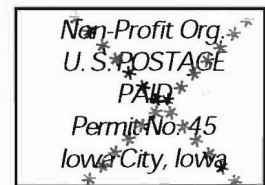
Student (under 18)	\$7
Institution	\$20

Newsletter Information

The Iowa Archeological Society is a non-profit, scientific society legally organized under the corporate laws of Iowa. Members of the Society share a serious interest in the archaeology of Iowa and the Midwest. **Iowa Archeology News** is published four times a year.

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