Massachusetts Archaeological Society 70th Annual Meeting  
October 17, 2009

Morning Program, Robbins Museum of Archaeology, Middleborough, MA

9:30  Morning Registration and Coffee at the Robbins Museum

10:00  Business Meeting (Luedtke Lecture Hall)

12:00  Lunch (many local restaurants in the immediate area.)

Afternoon Program, Middleborough Public Library

12:30  Afternoon Registration

12:55  Welcome from Program Chair/President

1:00  Continuing the Trend: New Discoveries at the J.T. Berry Site in North Reading, Massachusetts  
      Dianna L. Doucette and Erin Flynn, PAL

1:30  New Discoveries at the Middleborough Little League Site  
      Curtiss Hoffman, Department of Anthropology, Bridgewater State College

2:00  Archaeology and Planning: Digging without the Shovel  
      Mitchell Mulholland, UMASS Archaeological Services, Department of Anthropology,  
      University of Massachusetts Amherst

Break 2:30-2:40

2:45  GIS: the Analytical and Educational Tool of the Archaeologist’s Tool Box  
      Adrienne Edwards, Town of Easton, Massachusetts

3:15  A Long History of Land and Resource Management Techniques as Documented by Pollen Grains and Charcoal Particles Recovered From the Eastern Pequot Tribal Nation Reservation  
      Susan A. Jacobucci, Andrew Fiske Memorial Center for Archaeological Research at the University of Massachusetts Boston

3:45  Battlefields of the Pequot War  
      Kevin McBride, Mashantucket Pequot Museum and Research Center and Department of Anthropology, University of Connecticut and David Naumec, Clark University and Mashantucket Pequot Museum and Research Center.
Relocation
Robbins Museum of Archaeology
4:30-6:00 pm

Come join us at the Robbins Museum for a wine and cheese reception following the afternoon program. View our many displays including our nearly completed “Walk Through Time Exhibit” and get an update on our Library expansion project. Entertainment will be provided by Don DeVoe, a fingerstyle guitarist who draws upon a diverse background ranging from classical to early jazz to hard rock. Don is a graduate of the New England Conservatory in music composition who currently teaches music in the Wareham Public School system.

Abstracts & Biographical Information

“Continuing the Trend: New Discoveries at the J.T. Berry Site in North Reading, Massachusetts”

Dianna L. Doucette and Erin Flynn, PAL

Recent archaeological investigations at the J.T. Berry Site built upon the work and conclusions drawn by Ripley Bullen over 50 years ago, as noted in his 1949 publication *Excavations in Northeastern Massachusetts*. New data was collected on Middle and Late Archaic settlement and subsistence patterns and lithic technology within the Upper Ipswich and Shawsheen River drainages by populations of hunter-gatherers to help establish the current model of pre-Contact land use systems.

Ms. Flynn received her B.S. in Anthropology from Bridgewater State College in 2001 with concentrations in Public Archaeology and Cultural Anthropology. Before starting at PAL, Erin volunteered at the Robbins Museum of Archaeology in conjunction with the Massachusetts Archaeological Society, working on various projects including an inventory of all donated collections at the museum. She also volunteered for RIMAP, an underwater archaeology grant based project. Since joining PAL in 2001, Erin has worked on all phases of archaeological investigation in Massachusetts, New York, New Hampshire, Rhode Island, Connecticut, Pennsylvania, and Vermont for federal, state and local agencies and private clients. She has supervised various phases including a large utility based project in Massachusetts.
Dr. Dianna L. Doucette received her Ph.D. and MA in Anthropology from Harvard University in 2003 and 1999, respectively and earned a Graduate Certificate in Museum Studies from the Harvard University Extension School in 1994. She is a member of the Sigma Xi Scientific Research Society and received a grant towards her dissertation research from these professional society in 2000. Dr. Doucette served as a PAL project archaeologist from 1985 to 2000 before pursuing her graduate degrees, and rejoined the PAL staff in 2005 as a principal investigator. She has supervised all phases of archaeological investigation in Massachusetts, New York, New Hampshire, Rhode Island, Connecticut and Vermont for federal, state and local agencies and private clients. Before her tenure at PAL, Dr. Doucette served as a project archaeologist on a number of sites in Nevada, Georgia, and Texas. Between 1995 and 1997, she was a curatorial assistant in archaeology in the Repatriation Department at Harvard’s Peabody Museum of Archaeology and Ethnology where she was responsible for collections research and consultation with Native American tribes as part of the museum’s Native American Graves Protection and Repatriation Act (NAGPRA) compliance.

“New Discoveries at the Middleborough Little League Site”

Curtiss Hoffman

The 2009 field season at the Middleborough Little League Site explored an area of the site which had not previously been investigated. This area is on the lowest terrace, adjacent to the Nemasket River. Test excavations showed that the site definitely extended into this area, with numerous pit features, artifacts, and debitage recovered from 33 units. This talk will present the results of this investigation, and compare them with results obtained from other areas of the site.

Dr. Curtiss Hoffman is Professor of Anthropology at Bridgewater State College. He is the author of numerous articles and monographs on Massachusetts archaeology, and currently serves as the MAS Bulletin Editor and Membership Secretary.

“Archaeology and Planning: Digging Without the Shovel”

Mitchell Mulholland

Over the past two decades archaeological surveys that inventory archaeological sites for municipalities and public parks have increased. Using archaeological information from avocational and academic archaeology, historical societies and commissions, archaeological collections, SHPO inventories, and library research, known archaeological sites are inventoried, evaluated and mapped for use by town government or park management. These projects serve as a planning tool to protect archaeological sites from disturbance from development, vandalism, and from natural causes. Members of the communities are invited to participate in the surveys and learn about a town’s or park’s history as interpreted from the survey. The results of community-wide surveys are also presented to local schools. As examples, the historic European-American resources of Boston Harbor and Kingston are discussed.

Dr. Mitchell Mulholland is a Research Professor at the University of Massachusetts Amherst and Director at UMASS Archaeological Services, Amherst, Massachusetts.
“GIS: the Analytical and Educational Tool of the Archaeologist’s Tool Box”

Adrienne Edwards

GIS (Geographic Information Systems) may be one of the most useful tools included in an archaeologist’s toolbox since the invention of the Marshalltown trowel. Like the trowel, if used improperly this high-tech tool can bring harm to archaeological data. This presentation will highlight the uses of GIS as an analytical tool used to study and display site distributions, environmental attributes, and ethnogeographic relationships and as a teaching tool for those within the archaeological community and beyond to learn not only about human geography but also about responsible and realistic use of geographic tools.

Adrienne M. Edwards graduated from Bridgewater State College in 2002 with a BS in Anthropology/Public Archaeology and a minor in Geography. Adrienne received her MA in Anthropology from the State University of New York at Albany in 2004 where she authored her thesis titled *The Cultural and Environmental Contexts of the Known Archaeological Sites of the SudsCo Watershed: A Non-Predictive Geographic Information Systems (GIS) Analysis*. During 2003-2007 she worked for the Massachusetts Historical Commission as an intern and later as the GIS Supervisor for the ongoing MHC GIS project. In 2007 she was hired as the GIS Specialist for the Town of Easton, Massachusetts where she continues to connect with archaeology through her participation with the Massachusetts Archaeological Society and various community outreach programs within and beyond Easton.

“A Long History of Land and Resource Management Techniques as Documented by Pollen Grains and Charcoal Particles Recovered From the Eastern Pequot Tribal Nation Reservation”

Susan A. Jacobucci

The Eastern Pequot Reservation located in northeastern Connecticut provides an opportunity to examine the Pequot’s history of land and resource management practices. This study includes a pollen and charcoal analysis of a sediment core recovered from the reservation and collaborative discussions regarding final interpretations and written representations. Continuous climatic disturbances and human land practices influencing vegetation on the landscape for approximately 9,000 years are chronicled with attention paid to the period surrounding the establishment of the reservation. The Eastern Pequot preserved their land management techniques during much of the reservation period by employing variations to them as they negotiated colonialism.

Susan A. Jacobucci is a Pollen Laboratory Analyst for the Andrew Fiske Memorial Center for Archaeological Research at the University of Massachusetts Boston. She has earned a MA in Historical Archaeology from the University of Massachusetts Boston and holds undergraduate degrees in Anthropology and Sociology. Susan was awarded the Barbara E. Luedtke Book Award for Excellence in Historical Archaeology for her Master's Thesis titled, "A Study of Anthropogenic Vegetation Using Pollen and Charcoal on the Eastern Pequot Tribal Nation Reservation, North Stonington, Connecticut." She continues to analyze pollen profiles and interpret past vegetation associated with historic and prehistoric archaeological sites located in
northeastern, northwestern, and southeastern United States and Iceland for the Fiske Center. In addition to palynology and landscape archaeology, Susan's interests include environmental archaeology, collaborative archaeology, archaeoparasitology, and lithic use-wear analysis.

“Battlefields of the Pequot War”

Kevin McBride and David Naumec

The Mashantucket Pequot Museum and Research Center has initiated a long-term project to document the battlefields of the Pequot War (1636-1637). This project, funded by the National Park Service American Battlefield Protection Program, is in its third year. The first phase of research was an analysis of primary documents associated with the war to identify possible battlefields and sites associated with the war. To date, twelve battlefields in eight towns and three states have been identified.

The second two-year grant cycle, begun in August of this year, will focus on the Battle of Mystic Fort, which consists of the site of the Pequot fortified village at Mystic where the English and Mohegan/Narragansett attack on May 26, 1637 which resulted in the massacre of over 400 men, women and children. In addition to the Mystic Fort battle, at least three other engagements took place on Pequot Hill that day as well as at least two temporary encampments where the English rested and cared for their wounded. Fieldwork, employing metal detector surveys and archaeological testing and excavation, will attempt to locate and delineate these sites and actions.

Dr. Kevin McBride is an Associate Professor of Anthropology at the University of Connecticut and Director of Research at the Mashantucket Pequot Museum and Research Center.

David Naumec is a PhD candidate in History at Clark University and a Military Historian at the Mashantucket Pequot Museum and Research Center.