

**J.N. LEITH SMITH**

11 East Main St.  
Ayer, MA 01432  
H: 978-772-9702 Cell: 508 517-0107  
Email: leith.smith@umb.edu

**EDUCATION**

- Ph.D.** Syracuse University, Anthropology, 2008  
Dissertation: *Archaeological Survey of Settlement Patterns in the Banda Region, West-central Ghana: Exploring external influences and internal responses in the West African frontier from 1400 to 1935.*
- MA** University of South Carolina, Public Service Archaeology, 1993  
Thesis: *The Identification and Evaluation of Use-Wear Signatures on Pottery Vessels: An Ethnoarchaeological Case Study from Eastern Zaire, Africa.*
- BA** The George Washington University, Anthropology, 1984

**ACADEMIC GRANTS & AWARDS**

- 1996 *Dissertation Improvement Grant*, National Science Foundation  
1996 *PreDoctoral Grant*, Wenner-Gren Foundation for Anthropological Research  
1996 *Roscoe Martin Fund Award*, Syracuse University  
1995 *Summer Research Project Grant*, Graduate School, Syracuse University  
1994 & 95 *Tuition Scholarship*, Syracuse University  
1988 *Thesis Research Grant*, University of South Carolina  
1988 *Grant-in Aid of Research*, Sigma Xi  
1987 *Thesis Research Grant*, University of South Carolina  
1986-88 *Graduate Fellow and Research Assistant*, University of South Carolina

**RESEARCH INTERESTS**

African American archaeology, West African Iron Age and Late Stone Age archaeology, Culture change among African Diaspora populations, Eastern North American colonial history and archaeology, Industrial archaeology, Landscape archaeology, Ceramic use-wear analysis, Public archaeology and compliance legislation.

**CULTURAL RESOURCE MANAGEMENT EXPERIENCE**

**Staff Archaeologist**

2005-present Maine Historic Preservation Commission. Perform cultural resource management investigations throughout the state of Maine.

**Project Archaeologist**

2001-2007 Central Artery Third Harbor Tunnel Project, Boston, MA. Responsible for archaeological contingency response, completion of project reports, curation of archaeological documentation and artifacts, exhibit design and public outreach.

**Staff Archaeologist**

2001-present Fiske Center for Cultural Research, University of Massachusetts, Boston. Perform cultural resource management investigations in New England.

**CULTURAL RESOURCE MANAGEMENT EXPERIENCE (continued)**

**Consulting Historical Archaeologist**

2006 National Park Service, Northeast Cultural Resources Center, Lowell, MA.  
Conducting Overview and Assessment of Weir Farm National Historic Site.

- 2005 National Park Service, Northeast Cultural Resources Center, Lowell, MA. Conducted Overview and Assessment of Salem Maritime National Historic Site.
- 2000 National Park Service, Northeast Cultural Resources Center, Lowell, MA. Performed monitoring and intensive testing for the Longfellow Rehabilitation Project, Longfellow National Historic Site, Cambridge, MA.
- Consulting Historical Archaeologist**  
1999-2000 Harvard University, Cambridge MA. Excavated feature under Holden Chapel associated with Harvard's Chemistry and Anatomy School ca. 1850. Processed faunal and human remains and artifacts and prepared report.
- Consulting Historical Archaeologist**  
1999-2001 Timelines Inc., Littleton, MA. and Public Archaeology Laboratory, Pawtucket, RI. Conducted background research, field work, and prepared final reports for contractual archaeological projects associated with Euro-American and Native American sites in New England.
- Archaeological Collections Manager**  
1998-99 Massachusetts Historical Commission, Boston, MA. Drafted the state's Archaeological Curation and Collections Management Policies and assisted with design of a collections database. Supervised five staff in assembling and inventorying collections, and in preparing educational materials (brochure, school curriculum and traveling exhibit). Assisted with design and mounting of major exhibition: Highway To the Past, The Archaeology of Boston's Big Dig at the Commonwealth Museum, 1999-present.
- Staff Historical Archaeologist and Historian**  
1989-94, 97,98 Timelines, Inc., Groton MA. Performed a wide range of tasks for contractual projects including proposal preparation, historical research, field survey and excavation, and preparation of final reports on prehistoric and historic sites throughout New England.
- Project Archaeologist**  
1996 Public Archaeology Facility, State University of New York, Binghamton. Performed excavations and prepared reports for numerous cultural resource surveys and test excavations on a wide range of prehistoric and historic archaeological sites throughout the State of New York.
- Laboratory Director**  
1992-94 Final Phase, Central Artery/Tunnel Project, Boston MA. Responsibilities included complete set up of laboratory facilities, hiring of staff, development of all artifact processing and cataloguing procedures, assisting with creation of custom-designed database system, overseeing stabilization and conservation activities, and maintenance and integrity of the phase II and III collections.
- Consulting Historical Archaeologist**  
1991 Victoria Bunker Archaeological Consulting, Alton, NH. Conducted historic site surveys and background historical research for the Nashua-Hudson Circumferential Highway Project.
- Crew Member**  
1989 Boston University, Boston, MA. Assisted in cultural resource surveys in New Hampshire, Massachusetts, and Rhode Island.
- Crew Member**  
1987 Carolina Archaeological Services, Columbia, SC. Conducted cultural resource surveys and test excavations for several projects.

**CULTURAL RESOURCE MANAGEMENT EXPERIENCE (continued)**

- Crew Member**  
1986 Engineering Sciences, Washington, DC. Conducted Phase I survey and test excavations on eight urban sites and assisted in preparation of final report.
- Assistant Director**  
1985-86 Maryland Historical Trust, Benjamin Banneker Archaeological Project, Oella, MD. Designed excavation strategy and directed field work, laboratory analysis and prepared final report on 18th century free black homestead of *Benjamin Banneker*.
- Crew Member**

- 1985 Baltimore Center for Urban Archaeology, Baltimore, MD. Excavated 18th century orchard and vineyard of the *Mount Claire Mansion* site.
- Site Supervisor**  
1984-85 Maryland Historical Trust, Fells Point Archaeological Project, Baltimore, MD. Supervised field crew in excavation of *Chase's Wharf* and *Bond Street* waterfront sites, monitored heavy equipment, and assisted in subsequent laboratory analysis.
- Site Supervisor**  
1983-84 Alexandria Urban Archaeology Program, City Survey Project, Alexandria, VA. Responsible for archival research, site selection and sampling procedures; and for survey, excavation and volunteer training for NEH grant funded project. Performed cultural resource surveys of urban construction sites.
- Site Supervisor**  
1983-84 George Washington University Summer Field School in Historic Archaeology. Instructed undergraduate and graduate students in field and laboratory methods at several urban sites in Alexandria, VA.
- Site Supervisor**  
1982-83 Alexandria Urban Archaeology Program, Afro-American Project, Alexandria, VA. Supervised seasonal excavation at the 19th century free black *Coleman* Site.
- Ceramic Analyst**  
1982 Alexandria Urban Archaeology Program, Afro-American Project, Alexandria, VA. Catalogued approximately 20,000 artifacts and conducted spatial analysis for the historic *Coleman* Site.
- Crew Member**  
1977 Alexandria Urban Archaeology Program, Alexandria, VA. excavated 18th and 19th century privies at the *500 Block King Street* site.
- Crew Member**  
1974 Alexandria Urban Archaeology Program, Alexandria, VA. Excavated 18th and 19th century privies at the *400 Block King Street* site and assisted in laboratory analysis.

#### INTERNATIONAL ARCHAEOLOGICAL RESEARCH EXPERIENCE

- Project Archaeologist**  
2000-2001 Banda Research Project, Ghana, West Africa. Supervised archaeological investigations at the sites of Kuulo Kataa, Banda 12, 13 and B123 (June-Aug. 2000). Conducted test excavations and mapping of 16 archaeological sites in the Banda Region for Dr. Ann Stahl under National Science Foundation research grant.
- Project Director**  
1996-2002 Banda Regional Archaeological Survey Project, Ghana, West Africa. Conducted dissertation research on regional settlement patterns in west-central Ghana to explore external influences and internal responses on the West African frontier. Grant-funded GPS survey and excavation performed.

#### INTERNATIONAL ARCHAEOLOGICAL RESEARCH EXPERIENCE (continued)

- Principal Investigator**  
1995 Ghana, W. Africa. Conducted grant-funded pilot study of site mapping strategies to prepare for dissertation research.
- Field Supervisor**  
1994 & 95 Banda Research Project, Ghana, West Africa. Supervised Ghanaian crew in the excavation of the 19th century site of *Makala* and 15th century site of *Kuulo*, collected oral histories, conducted feasibility study for dissertation research.
- Field Supervisor**  
1988 & 90 Semliki Research Expedition, Zaire, Africa. Supervised Zairois crew and conducted paleosol surveys and regional mapping for the *Katanda* Middle and Early Stone Age sites; served as expedition mechanic.
- Principal Investigator**

- 1988 MA Thesis Research Project, Semliki Research Expedition, Zaire, Africa. Conducted original grant funded ethnoarchaeological field study of pottery use-wear among the *Banande* people of Kivu Province.
- Field Supervisor**  
1986 Semliki Research Expedition, Zaire, Africa. Supervised Zairois crew on Middle and Late Stone Age sites of *Katanda* and *Ishango* and assisted in regional survey and geological testing.
- Laboratory Assistant**  
1980-81 Smithsonian Institution Arctic Studies Center, Washington, DC. Analyzed lithic artifacts from Maritime Archaic sites in Labrador, Quebec and Newfoundland.

#### ACADEMIC TRAINING/EXPERIENCE

- Student Intern**  
1994 Fort Drum, NY. Conducted cataloguing and data entry of archaeological materials from several prehistoric and historic sites using D-Base and FoxPro data base programs.
- Research Assistant**  
1987-88 University of South Carolina, Department of Anthropology, Columbia, SC. Assisted Dr. Leland Ferguson in Afro-American Colono Ware research for the publication *Uncommon Ground*.
- Crew Member**  
1987 University of South Carolina Graduate Field School in Archaeology, Bahamas. Performed survey and test excavation of Arawak coastal habitation sites and searched for early Spanish landfalls.
- Research Assistant**  
1986-87 University of South Carolina, Bally Lough Archaeological Project, Columbia, SC. Data entry and statistical analysis of lithic data performed on Mesolithic assemblages from southeastern Ireland using SAS statistical programs.
- Osteological Research Assistant**  
1981 Human Osteology Program, Kampsville, IL. Conducted metric analysis of human prehistoric skeletal material from the Late Woodland site of *Hacker Mound*.
- Crew Member**  
1980-81 Northwestern University and Center for American Archaeology, Kampsville, IL. Excavated at the prehistoric burial sites of *Elizabeth* and *Kuhlman Mounds*.

#### TEACHING EXPERIENCE

- Field/Laboratory Instructor**  
2001-present University of Massachusetts, Boston. Assist with teaching of archaeological field and laboratory methods for undergraduate and graduate students in the Boston area and at Sylvester Manor, Shelter Island, NY.
- Teaching Assistant**  
1999-2000 Harvard University Extension School. Assisted in teaching Introduction to Archaeology. Responsibilities included lecturing and grading of assignments and exams.
- Graduate Research and Teaching Assistant**  
1994-95 Syracuse University. Performed archaeological laboratory research and served as teaching assistant for introductory courses in Human Evolution and Cultural Anthropology.
- Field Instructor**  
1983-84 George Washington University Summer Field School in Historic Archaeology. Instructed undergraduate and graduate students in field and laboratory methods at the free black Coleman Site and other urban sites in Alexandria, VA.

## PUBLICATIONS

- 1998 Oldest Bowling Ball in America. *Preservation Advocate*, vol. 24, (co-author).
- 1998 Politics and Problems of Gorilla and Chimp Conservation. In *Anthropology Explored*, ed. by Ruth Selig and Marilyn London, pp. 24-37. Washington D.C.: Smithsonian Institution Press (co-author with A.S. Brooks and Catherine C. Smith).
- 1995 Dating and Context of Three Middle Stone Age Sites with Bone Points in the Upper Semliki Valley, Zaire. *Science*, 268:548-553 (co-author).
- 1991 Politics and Problems of Gorilla and Chimp Conservation in Africa. *Anthro Notes* 13(1):1-4,13-15. (Co-author with A.S. Brooks)
- 1986 A review of the National Historic Preservation Act of 1966. In *A Guide to Cultural Resource Legislation*, edited by Alex West, pp.27-40. Annual Papers of the University of South Carolina Anthropology Student's Association, Vol. 2. University of South Carolina, Columbia, SC.
- 1985 Bannaker Remembered. *Country Magazine* 6(11):11-12.

## CONFERENCE PAPERS

- 1998 *Occupation of the Hinterland: A preliminary assessment of settlement patterns in the Banda region of west central Ghana*. Paper presented at the 14th Biennial Conference of the Society for Africanist Archaeologists, Syracuse, NY.
- 1995 *Preliminary Analysis of African American Colono Wares from the Central Artery/Tunnel Project in Boston*. Paper presented at the 28th Annual Meeting of the Society for Historical Archaeology, Washington D.C.
- 1994 *Ceramic Use Wear Analysis: an African case study with Old and New World Archaeological Implications*. Paper presented at the 12th Biennial Conference of the Society of Africanist Archaeologists, Indiana University, Bloomington, Indiana.

## CONFERENCE PAPERS (continued)

- 1992 *Ceramic Use Wear Analysis: An African Case Study with New World Archaeological Implications*. Paper presented at the 25th Annual Meeting of the Society for Historical Archaeologists, Kingston, Jamaica.
- 1987 *Seeing the Forest for the Trees: Goals for the Archaeological Study of 18th Century Free Afro-Americans*. Paper presented at the 44th Annual Southeastern Archaeological Conference, Charleston, SC.

## CONTRACT REPORTS

- 2009 *Archaeological Phase I and Phase II Survey for the Route 2 Realignment and Wild River Bridge Replacement (MDOT PIN 15619.00), Gilead, Maine* (primary author).
- 2008 *Archaeological Phase II Testing of the Wiscasset Transportation Study (PIN 7991.00), Wiscasset and Edgcomb, Maine* (co-author).
- 2008 *Report on the Phase II Intensive Level Archaeological Survey for the Route 131/173 Bridge Replacement and Road Realignment, MDOT PIN 12637.00, Searsmont, Maine* (primary author).
- 2008 *Report on the Archaeological Phase I/II Survey of the I-395/Route 9 Transportation Study Area (PIN 8483.20), Brewer, Eddington and Holden, Maine* (co-author).
- 2007 *Archaeological Overview and Assessment of the Weir Farm National Historic Site, Ridgefield and Wilton, Connecticut*. CRM Study No. 21, Fiske Center for Archaeological Research, University of Massachusetts, Boston (primary author).
- 2007 *Final Report on the Archaeological Site Examination of the Robert Murray Farmhouse Complex on the Gore Place Society Property, Waltham and Watertown, Massachusetts*. CRM Study No. 20, Fiske Center for Archaeological Research, University of Massachusetts, Boston.

- 2007 *Final Report on the Archaeological Intensive Survey of the Long Island Section of the Spectacle Island-Boston Harbor-Long Island Sewer Line (Contract C21AC), Central Artery/Third Harbor Tunnel Project, Boston Harbor Islands, Massachusetts.* CRM Study No. 19, Fiske Center for Archaeological Research, University of Massachusetts, Boston.
- 2007 *Report on the Archaeological Intensive Survey of the Thompson Island Salt Marsh Restoration Project, Boston Harbor Islands, Massachusetts.* CRM Study No. 18, Fiske Center for Archaeological Research, University of Massachusetts, Boston.
- 2006 *Archaeological Survey of the Umberhind, Detweiler and Gallant Parcels, Bowdoinham, Maine.* Maine Historic Preservation Commission (primary author).
- 2006 *Report on the Archaeological Site Examination of the Entrance Drive, Carriage House, Greenhouse, Vegetable Garden, Flower Garden and Grapery at Gore Place, Waltham and Watertown, Massachusetts.* CRM Study No. 17, Fiske Center for Archaeological Research, University of Massachusetts, Boston (primary author).
- 2006 *Report on Phase 2 & 2b Intensive Level Archaeological Survey, Sites ME 169-06 and ME169-012 for MDOT Pin 9148, Route 2, Gilead, ME.* Maine Historic Preservation Commission (co-author).
- 2006 *Report on Phase 2 Archaeological Survey of the Caouette Property, ME354-009, Route 26 Improvement Project, MDOT 10014.00, Poland, ME.* Maine Historic Preservation Commission (primary author).
- 2005 *Archaeological Overview and Assessment of the Salem Maritime National Historic Site, Salem Massachusetts.* CRM Study No. 16, Center for Cultural and Environmental History, University of Massachusetts, Boston (primary author).

#### CONTRACT REPORTS (continued)

- 2004 *Archaeological Site Examination, North Yard of the Loring-Greenough House, Jamaica Plain, Massachusetts.* CRM Study No. 11, Center for Cultural and Environmental History, University of Massachusetts, Boston (primary author).
- 2002 *Archaeological Site Examination, Orchard House Preservation Project, Concord, Massachusetts.* CRM Study No. 9, Center for Cultural and Environmental History, University of Massachusetts, Boston (primary author).
- 2002 *Archaeological Contingency Response Summary Report, Contract Area 17A6, Section 23-D, Storage Safe from Kingston Street/Edinborough Street Loop, October 4th, 2002.* Central Artery/Tunnel Project, ISA 8320, Archaeological Contingency Services, University of Massachusetts, Boston.
- 2001 *Archaeological Contingency Response Summary Report, Contract Area CO9C4, Section 19-4, Railroad Depot Loading Dock, August 21, 2001.* Central Artery Tunnel Project, ISA 8320, Archaeological Contingency Services, University of Massachusetts, Boston.
- 2000 *Archaeological Monitoring and Intensive Testing, Longfellow Rehabilitation Project, Longfellow National Historic Site, Cambridge, Massachusetts.* Archaeology Branch, Northeast Cultural Resources Center, National Park Service.
- 2000 *Emergency Archaeological Data Recovery of the American Glass Company, Contingency Plan Implementation, Contos Property, Parcel 60-CS-1, Central Artery/Tunnel Project, Boston, Massachusetts* (co-author). Timelines Inc., Littleton, MA.
- 2000 *Archaeological Site Examination of the Glynn Memorial Nursing Home, Haverhill, Massachusetts.* PAL Inc., Pawtucket, RI (co-author).
- 2000 *Archaeological Reconnaissance Survey of the Baker Square Phase II Condominium Project, Dorchester, Massachusetts.* PAL Inc., Pawtucket, RI.
- 1999 *Archaeological Site Examination of the Littlefield Farmstead, Hopkinton, Massachusetts.* Timelines Inc., Littleton, MA (co-author).
- 1999 *Archaeological Intensive Survey for the Billerica Waste Water Project (Contracts 31A and 31B), Billerica, Massachusetts.* Timelines Inc., Littleton, MA (co-author).
- 1998 *Intensive Archaeological Survey, Jefferson at Wheeler Hill Development, Marlborough, MA.* A report prepared by Timelines Inc., Littleton MA.
- 1994 *Central Artery/Tunnel Project, Phase II Site Examination, Town Cove Archaeological Site Study Block TC04, Boston, Massachusetts.* John Milner Associates, Inc. and Timelines Inc., Groton, MA (contributor).

- 1994 *Site Examination of Braintree Commerce Park, Braintree, MA.* Timelines, Inc., Littleton, MA (co-author).
- 1994 *Site Examination of the Ellis Family Cemetery, Rockland, Massachusetts.* Timelines Inc., Littleton MA (co-author).
- 1991 *A Summary History of Fort Griswold, Groton, CT.* Timelines, Inc., Groton, MA (contributor).
- 1991 *Comprehensive Historic Preservation Plan for the City of Haverhill, MA.* Timelines, Inc., Groton, MA (contributor).
- 1991 *Archaeological Intensive Survey of the Charles River Interceptor, Milford, MA.* Timelines, Inc, Groton, MA (contributor).
- 1991 *Archaeological Intensive Survey, Orchard Cove Development, Canton, MA.* Timelines, Inc., Groton, MA (contributor).
- 1991 *Archaeological Reconnaissance Assessment, 110-120 Tremont Street, Boston, MA.* Timelines, Inc., Groton, MA.
- 1991 *Archaeological Reconnaissance Survey of the Harwich Tap to Orleans Substation, Harwich Tap to Harwich Substation and Harwich Substation to Orleans Substation Rights of Way.* Timelines, Inc., Groton, MA (contributor).

#### CONTRACT REPORTS (continued)

- 1990 *Synthesis of Available Biological, Geological, Chemical, Socioeconomic and Cultural Resource Information for the South Florida Area.* Timelines, Inc., Groton, MA (contributor).
- 1990 *Preservation Plan for the Underwater Cultural Resources of Newport Harbor, RI.* Timelines, Inc., Groton, MA. (contributor)
- 1990 *History and Archaeology of the Palmer School Site, Palmer, MA.* Timelines, Inc., Groton, MA (contributor).
- 1990 *Archaeology of the Wareham School Site, Wareham, MA.* Timelines, Inc., Groton, MA (contributor).
- 1983 *Archaeological Report on the 1100 Block of King Street.* Alexandria Urban Archaeology Program, Alexandria, VA.
- n.d. *Archaeological Investigations at the Benjamin Banneker Site.* Maryland Historical Trust, Annapolis, MD (co-author).

#### INVITED LECTURES AND PRESENTATIONS

- 2008 *Archaeology of Boston's Big Dig.* Featured speaker for the September meeting of the Appleton Historical Society, Appleton, Maine.
- 2007 *Archaeological Survey of the Umberhind, Detweiler, and Gallant Sites, Bowdoinham, Maine.* Featured speaker for Friends of Merrymeeting Bay, Dresden, ME.
- 2004 *Archaeological Research In Central Ghana, West Africa.* Featured Speaker at the Massachusetts Archaeological Society Fall Meeting, Middleboro, MA.
- 2001 *New Light on Colonial Foodways from the Archaeology of the Big Dig.* Invited lecture for the Culinary Historians of Boston, Harvard U., Cambridge, MA.
- 2001 *Archaeology and the Big Dig.* Invited Discussant and Craft Demonstrator at the Lowell Folk Festival, Lowell, MA.
- 2001 *The Archaeology of Boston's Big Dig.* Invited lecture for the North Attleboro Historical Society, North Attleboro, MA.
- 2000 *Section 106 and Archaeology in Massachusetts.* Invited lecture for Anthropology 101, Professor John Gerry, Harvard University.
- 1999 *Archaeological Research in Eastern Democratic Republic of the Congo.* Invited lecture for the Nov. meeting of the Mass. Archaeological Soc., Boston Chapter.
- 1999 *Archaeology of the American Glass Co., South Boston.* Invited lecture given in conjunction with the Commonwealth Museum's exhibit: Archaeology of the Central Artery Project, Highway to the Past. Mass. State Archives, Boston.

- 1998 *Working from the Ground Up: Insights from the Archaeological Investigation of Glass Production in South Boston*. Invited lecture for the Fall Symposium at the Sandwich Glass Museum, Sandwich, MA.
- 1998 *Archaeological Investigations at the American Glass Company Site, South Boston*. Guest lecture for Archaeology Week, Boston Public Library, Boston
- 1998 *Archaeological Collections Management at the MHC*. Guest lecture for Anthropology 615, Public Archaeology, Prof. S. Mrozowski, University of Massachusetts, Boston.
- 1995 *Archaeological Reflections on Colonialism and Change in West Central Ghana*. "Brown Bag" Lunch Series, Department of Anthropology, Syracuse University, Syracuse NY.
- 1986 *Archaeology of the Western Rift Valley, Zaire, Africa*. Lunch Time Lecture Series, Department of Anthropology, University of South Carolina, Columbia.
- 1986 *Into Africa: Paleoanthropology and Archaeology in Eastern Zaire, Africa*. Lecture presented to the Archaeological Society of South Carolina, Columbia Chapter, Columbia, SC (February Meeting). (with C.C. Smith)

#### REFERENCES

*Dr. Arthur Spiess*

Maine Historic Preservation Commission  
55 Capital Street, State House Station 65  
Augusta, Maine 04333  
207-287-2132

*Dr. Stephen A Mrozowski*

Department of Anthropology  
100 Morrissey Blvd.  
University of Massachusetts, Boston  
Boston, MA 02125  
617-287-6842

*Dr. David B. Landon*

Department of Anthropology  
100 Morrissey Blvd.  
University of Massachusetts, Boston  
Boston, MA 02125  
617-287-6835

*Leon Cranmer*

Maine Historic Preservation Commission  
55 Capital Street, State House Station 65  
Augusta, Maine 04333  
207-287-8304