

Appendix V.

Personnel



**WILLIAM J. CHADWICK**  
Principal Geoaarcheologist/Project Manager  
John Milner Associates, Inc.  
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**EDUCATION**

Ph.D.	University of Delaware	Geology	2000
M.A.	Temple University	Geology	1994
B.A.	University of Maine at Farmington	Geology/Geography	1990

**LICENSES/CERTIFICATIONS/TRAINING**

Registered Professional Archeologist  
Licensed Professional Geologist (Utah, # 5556501-2250)  
OSHA 40 Hour HAZWOPER (2001)  
OSHA 8 Hour HAZWOPER Refresher (current)  
OSHA 8 Hour Training for Supervisors (2001)  
OSHA Hazard Communication (2002)  
OSHA Excavation Safety Training for Competent Persons (2002)  
OSHA Permit-required Confined Spaces (2002)  
OSHA Bloodborne Pathogen (2003)  
Heartsaver CPR (2004 – Adult CPR and AED)  
U.S. Coast Guard Boating Skills and Seamanship (1995)  
Recent Archeological Propection Advances for Non-Destructive Investigations in the 21<sup>st</sup> Century (2002 - Fort Vancouver National Historic Site, Vancouver, WA)  
Trimble GeoExplorer 3c and Pathfinder Office Training (2001)

**EXPERIENCE PROFILE**

Dr. William J. Chadwick serves as a Principal Geoaarcheologist and Project Manager at JMA. He is a Registered Professional Archeologist and Licensed Professional Geologist who has broad experience in both geoaarcheology and archeology. Dr. Chadwick holds a Ph.D. in Geology from the University of Delaware where he gained extensive training in archeological geology, ground-penetrating radar (GPR), quaternary geology, sedimentology, stratigraphy, and geomorphology. He has conducted numerous geoaarcheological examinations of paleogeographies and paleoenvironments and several geophysical surveys related to archeological sites, and their environs, throughout the Mid-Atlantic and New England regions. He also utilizes GPS and GIS to map and conduct analysis of spatial attributes related to cultural resources. His experience in archeology includes all phases of excavation related to Prehistoric and Historic Period sites throughout the Mid-Atlantic and New England regions. Dr. Chadwick is author or co-author of numerous cultural resource and geoaarcheological reports, as well as several professional publications and presentations at professional meetings.

## KEY PROJECTS

- 2004 GIS-based Existing Conditions and Sensitivity Analysis of Cultural Resources, Route 1 Beach Area Improvements, Sussex County, Delaware. Whitman, Requardt & Associates and Delaware State Department of Transportation
- 2004 Ground-Penetrating Radar Survey of Target Areas within US 422 / SR 23 Interchange Project Area, Valley Forge National Historical Park, Montgomery County, Pennsylvania. Pennsylvania Department of Transportation.
- 2004 Geomorphic Assessment of a Proposed Wastewater Treatment Plant Expansion and Improvements, Caernarvon Township Municipal Sewer Authority, Caernarvon Township, Berks County, Pennsylvania. Great Valley Consultants
- 2004 GIS-based Existing Conditions and Sensitivity Analysis of Cultural Resources, Rehoboth Beach Entrance Improvements, Sussex County, Delaware. Whitman, Requardt & Associates and Delaware State Department of Transportation
- 2004 Geoarcheological Evaluation, Flat Rock Wind Power, 230 kV Transmission Line, Towns of Martinsburg and Watson, Lewis County, New York. Flat Rock Wind Power, LLC
- 2003-2004 GIS-based Existing Conditions and Cultural Resources Survey, S.R. 1/Indian River Inlet Bridge Project, Sussex County, Delaware. Rummel, Klepper, & Kahl and Delaware State Department of Transportation.
- 2003-2004 GIS-based Existing Conditions of Cultural Resources Survey, U.S. Highway 113, North-South Study Area, Sussex and Kent County, Delaware. Rummel, Klepper, & Kahl and Delaware State Department of Transportation.
- 2003 Archeological Phase I Survey for the Columbia Falls and Moscow OTHB-E Radar stations, Washington and Somerset Counties, Maine. United States Air Force Air Education and Training Command.
- 2003 Geoarcheological Evaluation of Proposed Middlesex Water Company Raw-Water-Supply Pipeline, in Johnson Park, Edison Township, Middlesex County, New Jersey.
- 2003 Supplementary Phase I Archeological Investigations along MD 237, Phase II Evaluation of 18ST608, and Geophysical Survey: Ebenezer Cemetery (18ST618), MD237: MD235 to Pegg Road, St. Mary's County, Maryland. Maryland State Highway Administration.
- 2001-2003 Stage IB Archeological Survey of the Intertidal Zone, New Bedford Harbor Superfund Site, Bristol County, Massachusetts. Foster Wheeler Environmental Corporation and the U.S. Army Corps of Engineers, New England District.
- 2002 Geoarcheological Evaluation, Proposed 8-inch Sewer Main Project, Whitemarsh Township, Montgomery County, Pennsylvania. URS Corporation.
- 2002 Ground-Penetrating Radar Pilot Study of Independence Square, Independence National Historical Park, Philadelphia, PA. National Park Service, Northeast District.
- 2002 Geoarcheological Evaluation, Keystone Boulevard Project, Pottstown, Montgomery County Pennsylvania. URS Corporation.
- 2002 A Ground-Penetrating Radar Survey of Probable Tannery Site, Harrogate at Landenberg, New Garden Township, Pennsylvania. Wilkinson Builders.

- 2001 Geoaarcheological Evaluation, Cross Harbor Freight Movement Project: Phase 1A Archeological Assessment, 65<sup>TH</sup> Street Rail Yard, Bay Tunnel Alignment, First Avenue Tunnel Alignment, Brooklyn, Kings County, New York. AKRF, Inc.

#### SELECTED PUBLICATIONS AND PAPERS

- 2004 Rivers, Roads, Dirt and Documents: A GIS-based Cultural Resource Project Management Tool for Delaware Department of Transportation. Paper presented at Byways to the Past V: The Fifth Annual Conference on Historic Preservation and Transportation Projects, Indiana, PA. (with Wade Catts)
- 2003 "Come and Get Me Copper!" or "This is a Real Pane in the Glass!": Archeological Evidence of Industrial Practices at Raritan Landing. Paper presented at Annual Meeting of the Council of Northeast Historical Archaeology, Lowell, MA. (with Wade Catts, Edward Morin, and Meta Janowitz)
- 2003 "Location! Location! Location! Interplay of Topography and Material Life at the Landing at the Landing, 1720-1777." Paper presented at the 2003 Annual Meeting of the Society of Historical Archeology, Providence, RI. (with Edward Morin and Wade Catts)
- 2001 "Predicting the Spatial Distribution of Prehistoric Archaeological Sites as Related to Water Resources using GIS Analysis in the Lehigh Valley, Pennsylvania." Paper presented at the Geological Society of America Northeastern Section 2001 Meeting, Burlington, Vermont and at The Society for Pennsylvania Archaeology Seventy-Second Annual Meeting. (with Matthew Harris)
- 2001 "Ground Penetrating Radar, Stratigraphic Methods, and Geoarchaeology the Paleogeography of Ancestral Cape Henlopen, Delaware." Paper presented at the Geological Society of America Northeastern Section 2001 Meeting, Burlington, Vermont.
- 2000 The Application of Ground Penetrating Radar to a Coastal Prehistoric Archaeological Site, Cape Henlopen, Delaware, USA. *Geoarchaeology, An International Journal*, 15(8):765-781. (with John A. Madsen).
- 2000 *Paleogeographic and Paleoenvironmental Reconstruction of Terrain Associated with Coastal Prehistoric Archaeological Sites, Cape Henlopen, Delaware*. Thesis (Ph.D.) - University of Delaware
- 2000 "Evidence for Multiple Sea-level Still Stands during the Evolution of Cape Henlopen, Delaware, USA." Paper presented at the Geological Society of America Northeastern Section 2000 Meeting, Connecticut.
- 1998 "Ground Penetrating Radar Reveals the Relationship Between Sea-Level Rise and the Prehistoric Occupation of Relict Recurved Spits, Cape Henlopen, Delaware." Paper presented at the Geological Society of America 1998 Annual Meeting, Toronto, Canada.
- 1998 "Ground Penetrating Radar, Its Use in Understanding the Geologic Context of a Prehistoric Archaeological Site, Cape Henlopen, Delaware. Paper presented at the Geological Society of America Northeastern Section 1998 Meeting, Portland, Maine.
- 1995 "Paleogeographies of Historic and Prehistoric Archaeological Sites in the Coastal Zone." Eastern States Archaeological Federation, 62nd Annual Meeting, Wilmington, Delaware. (with John C. Kraft)

#### SUMMARY OF PROFESSIONAL ACTIVITIES

Dr. Chadwick is author or co-author of sixteen (16) cultural resources reports, nine (9) geoaarcheological reports, two (2) professional publications, and thirteen (13) papers presented at professional meetings.



**MATTHEW D. HARRIS**  
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**EDUCATION**

M.A.	Temple University	Anthropology	Present
B.A.	Kutztown University	Anthropology	2000
		Minor: Geology	
		Minor: Geography	

**EXPERIENCE PROFILE**

Matthew Harris has seven years of experience in conducting cultural resource investigations in the Middle Atlantic region of Eastern North America. He specializes in the fields of Geographic Information Systems (GIS)/Database, the use of GIS, methods from geography, and computers to solve complex spatial problems, and geoarcheology, the use of geologic methodology and soil science techniques to address archeological and environmental research questions. He is grounded in sound archeological field techniques, emphasizing the prehistoric archeology of the Middle Atlantic region. Accompanying his archaeological curriculum, Mr. Harris has completed undergraduate and graduate coursework in geology, geomorphology, paleosols, and soil science, establishing a firm background in the study and interpretations of archeological materials in all scales of environmental context. As well, his course work in GIS / spatial theory accompanied with 4 years of applied GIS work experience have endowed him with the flexibility to apply spatial technology to all aspects of heritage management. Work experience in state historic preservation office compliance archeology, client side cultural resource management firms, and academia, has led to Mr. Harris developing experience in implementing computer technology and geoarcheology into projects of all sizes and scopes.

**KEY PROJECTS**

- 2004–Pres      GIS-based Prehistoric Predictive Model and Colonial Period Sensitivity Model, U.S. Highway 113, North-South Study Area, Sussex and Kent County, Delaware. Rummel, Klepper, & Kahl and Delaware State Department of Transportation.
- 2003–Pres      GIS-based Existing Conditions Cultural Resources Study, Phase 1B Archeological Survey, and Geoarcheological Survey, S.R. 1/Indian River Inlet Bridge Project, Sussex County, Delaware. Rummel, Klepper, & Kahl and Delaware State Department of Transportation.
- 2003–2004      GIS-based Existing Conditions of Cultural Resources Study, U.S. Highway 113, North-South Study Area, Sussex and Kent County, Delaware. Rummel, Klepper, & Kahl and Delaware State Department of Transportation.
- 2003            Phase II archeological investigation of the Proposed Cold Springs Run Development, West Goshen Township, Chester County, Pennsylvania. Cold Springs Run, Inc.

- 2003 Geophysical and Phase I Archeological Survey, Bridge No. 10043 over Bens Branch, Frederick County, Maryland. Maryland Department of Transportation.
- 2003 Development of analytical database for Phase II archaeological investigation of the Manna Site, Milford, Pennsylvania. Temple University.
- 2002 Geoaicheological and Phase II archeological investigation of Fox Gap battle field and historic site, Fox Gap, Maryland. Indiana University of Pennsylvania.
- 2001–2002 Aid in creation and clean-up of state wide cultural resources GIS and implementation of the Bureau for Historic Preservation's Commonwealth's Historic Resource web enabled GIS. Pennsylvania State Historic Preservation Office, Harrisburg, Pennsylvania.

#### **SELECTED PUBLICATIONS**

- 2003 *A Gap in Time: An Archaeological Context, Investigation, and Management Plan for the Fox Gap section of the Appalachian National Scenic Trail, Fox Gap Maryland.* (co-author). In Press.

#### **SUMMARY OF PROFESSIONAL ACTIVITIES**

Mr. Harris is the author or co-author of two (2) cultural resource reports; and nine (9) papers presented at professional meetings.



**GRACE H. ZIESING**

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**EDUCATION**

M.A.	Boston University	Archeology	1991
A.B.	University of California, Berkeley	Anthropology	1982

**PROFESSIONAL MEMBERSHIPS and CERTIFICATIONS**

2004 Council for Northeast Historical Archaeology  
1998 Registered Professional Archaeologist  
1998 OSHA-certified 40-hour Hazardous-Waste Operations Training (HAZWOPER)  
1996 Society of Professional Archaeologists  
1987 Society for Historical Archaeology

**EXPERIENCE PROFILE**

Grace H. Ziesing has more than 12 years of full-time professional experience in the fields of historical archeology and Cultural Resources Management. She has collaborated on, directed, or conducted archeology projects in southeastern Pennsylvania, northern California, Massachusetts, and Greece. These projects include archeological sensitivity studies, testing plans, and mitigation strategies in urban San Francisco, Oakland, and Sacramento and the rural Sierra-Nevada foothills; testing and data recovery excavations in Valley Forge National Historical Park, rural California, and urban Sacramento and the Bay Area; site evaluations in the Sierra-Nevada foothills; and reporting of results for numerous field investigations throughout California. Ms. Ziesing is also experienced in contract management, project coordination, and staff supervision. She has managed large, multi-task contracts, which included project scoping, budget development and tracking, staffing, maintaining client contacts, and coordinating tasks. She also has extensive editorial and report production experience, which includes both technical and substantive editing, graphics development, and report design. Ms. Ziesing is also skilled in the use of GPS hardware and software for mapping archeological resources and has experience in the development of GIS for cultural resources.

**KEY PROJECTS**

2004 Project Archeologist: directed mitigation-level archeological investigations at two historic-period houses in Valley Forge National Historical Park. National Park Service, Valley Forge, Pennsylvania.

2004 Project Archaeologist: mapped cultural resources in two Delaware counties into a project GIS and conducted field surveys to confirm resource locations and record new resources. Delaware Department of Transportation, Dover, Delaware.

- 2003 Staff Historical Archaeologist: managed a large, multi-task contract, wrote technical and synthetic reports documenting archeological field work and analysis; edited reports and produced graphics using ArcView and CorelDraw, designed and maintained a project-based GIS for the California Department of Transportation, and provided GPS and GIS support on other company projects. Anthropological Studies Center, Sonoma State University, Rohnert Park, California.
- 2002 Interim Director/Operations Manager: managed and oversaw all company operations while the Director and Operations Manager were on leave. Responsibilities included supervising a staff of 50+ full- and part-time employees, managing contracts, scoping and tracking projects, developing and overseeing budgets, checking payroll and invoicing, maintaining client contacts, reviewing technical reports, and recruiting new staff. Anthropological Studies Center, Sonoma State University, Rohnert Park, California.
- 1994-2002 Staff Historical Archeologist/Information Manager: managed large, multi-task contracts; supervised three employees; implemented staff recruitments; oversaw the company's library and archives; identified the need for new technology and coordinated acquisition and staff training; managed the use of GPS and GIS on ASC projects. Coordinated all aspects of historical archeological and architectural projects in northern California. Also, acted as field director for archeological testing and mitigation projects, analyzed the results, contributed to historical research as necessary, and wrote technical and synthetic reports documenting the field work and analysis. Compiled archeological research designs and treatment plans for large-scale public projects, and authored or contributed to monographs or other media designed for lay audiences. Anthropological Studies Center, Sonoma State University, Rohnert Park, California.
- 1999-2000 Field Director for sensitivity studies, archeological testing, resource evaluations, and data recovery for various projects in the Sierra-Nevada foothills. California Department of Transportation, District 10, Stockton, California.
- 1995 Field Director, Los Vaqueros Archaeological Project: Phase III excavation of two mid-19th- to early 20th-century farmsteads slated to be inundated by reservoir waters. Contra Costa Water District, Concord, California.
- 1994 Field Director, Los Vaqueros Archaeological Project: Phase III excavation of a mid-19th-century ranching and farming complex that included the "Vasco Adobe," a residential structure built by Basque immigrants. Contra Costa Water District, Concord, California.
- 1994 Field Director for Phase III investigations of a 19th-century Chinese settlement on the "H-I-5-6" block in the burgeoning town of Sacramento. Investigations focused on five lots occupied beginning in the early 1850s. General Services Administration, Washington, D.C.
- 1994 Field Technician, Cypress I-880 Replacement Project: Phase III investigations of a 19th-century urban neighborhood in West Oakland. Excavations focused on refuse-filled features with high interpretive potential. California Department of Transportation, Oakland, California.
- 1992-1993 Historical Archeologist: conducted historical research at repositories throughout northern California and wrote historical sections of technical reports. Performed archeological field work, both survey and excavation, sometimes in a supervisory role. Edited professional papers, job proposals, research designs, and correspondence for both substance and technical errors as a member of the company's Quality Control Team. PAR ENVIRONMENTAL SERVICES, INC., Sacramento, California.
- 1993 Crew Chief, Alder Creek Site: Phase II testing of a multi-ethnic placer mining site. The site included spatially distinct occupations by Euro-American and Chinese miners dating from the 1850s. Private developer, Folsom, California.

- 1989-1992 Supervisory Archeologist: acted as editor for Cultural Resources Center publications. These comprised archeological site reports, collections management reports, and historic structures reports. Responsibilities included substantive and technical editing, proofreading, word processing, designing and implementing book format, and preparing "camera-ready" copy. Participated in archeological field investigations as needed. National Park Service, North Atlantic Regional Office, Boston, Massachusetts.
- 1991-1992 Excavator, Carn's Site on Coast Guard Beach in Eastham, Massachusetts: Phase III excavation of an eroding beach-front prehistoric site dating from the Middle Archaic to the Middle Woodland period. National Park Service, North Atlantic Regional Office, Boston, Massachusetts.
- 1988-1989 Journal Fellow: acted as editorial assistant for a professional archeology journal. Copy-edited manuscripts, proofread galleys, checked page proofs, maintained correspondence with authors and reviewers, routed and tracked manuscripts, maintained files. *Journal of Field Archaeology*, Boston, Massachusetts.
- 1989 Trench Supervisor for full-scale excavations at the Temple of Poseidon in Isthmia, Greece, a multi-component sanctuary site occupied from as early as the Mycenaean period through the late Roman period. University of Chicago, Chicago, Illinois.
- 1988-1989 Lab Analyst: analyzed and reported on the material assemblage of items related to personal adornment recovered from the 1987 archeological investigations at the Boott Mills boardinghouses in Lowell, Massachusetts. National Park Service, Lowell National Historical Park, Lowell, Massachusetts.
- 1988 Assistant Archeologist: designed and implemented test excavations at a historical-period homestead outside of Boston. Supervised volunteer staff of approximately 10 excavators, cataloged and analyzed artifacts, and wrote report. Jackson Homestead, Newton, Massachusetts.

**SUMMARY OF PROFESSIONAL ACTIVITIES:**

Ms. Ziesing is author or co-author of more than twenty (20) technical reports, three (3) interpretive monographs, and seven (7) papers presented at professional meetings; she also acted as co-writer and co-producer of one (1) video documentary on historical archeology.



**WADE P. CATTS**

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**EDUCATION**

M.A.	University of Delaware	American History	1988
B.A.	University of Delaware	History/Anthropology	1981

**PROFESSIONAL CERTIFICATIONS AND SPECIALIZED TRAINING**

2003	Section 106: Principles and Practice Workshop
2003	Integrating Section 106 and the National Environmental Policy Act Workshop
1999	Registered Professional Archeologist
1998	OSHA 40-hour Hazardous Waste Operations Training
1992	Delaware Sediment and Stormwater Management

**EXPERIENCE PROFILE**

Wade P. Catts is a graduate of the University of Delaware, and he also holds a Master's degree in American History from the same institution. Prior to joining John Milner Associates, Inc. (JMA) in 1993, Mr. Catts was employed for over a decade as an archeologist and research historian at a University of Delaware-based consulting division that focused its research efforts on the history and prehistory of the Delmarva Peninsula. Since joining JMA, Mr. Catts' research efforts have included historical and archeological data recovery investigations at the New Geneva Pottery Waster site in Fayette County, Pennsylvania, the Ashcomb's Quarter site in Solomons Island, Maryland, Beverwyck Plantation in Morris County, New Jersey, and Raritan Landing near New Brunswick, New Jersey. He has conducted Phase II evaluation investigations at numerous historic sites in Pennsylvania, Maryland, New Jersey, Delaware, and Virginia, and Phase I surveys throughout the Middle Atlantic region. Further, he has conducted historical background and archival research for archeological and historical projects. Mr. Catts is a recognized historical archeologist with research interests in the history of farmsteads and agricultural landscapes, urban development, military history and archeology, environmental history, African-American studies, and Middle Atlantic regional history and historic preservation.

**KEY PROJECTS**

2003	Managed archeological investigations at Old New Castle Courthouse, New Castle Delaware, as part of renovation/restoration activities. Delaware State Museums.
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- 2003 Managed historical documentation compilation, including GIS data inventory, of the Indian River Bridge Project, Sussex County, Delaware. Rummel, Klepper & Kahl, LLP, for Delaware Department of Transportation.
- 2002-2003 Directed Data Recovery Investigations at two historic sites as part of the multi-consultant team at Raritan Landing Archeological District, Route 18 Extension Project, Middlesex County, New Jersey. New Jersey Department of Transportation.
- 2001-2003 Conducted historical research regarding British military occupation and copper processing at Raritan Landing as part of the Route 18 Extension Project, Middlesex County, New Jersey. New Jersey Department of Transportation.
- 2002 Conducted Historical Research for Historic Structure Report of United States Marine Hospital National Historic Landmark, Louisville, KY. City of Louisville, Louisville Development Authority.
- 2002 Directed Phase I and Phase II archeological and historical research at the proposed site of the Delaware National Guard Readiness Center, Smyrna, Delaware. Delaware National Guard.
- 2002 Directed archeological overview and assessment of Hopewell Furnace National Historic Park, Birdsboro, PA. National Park Service.
- 2002 Conducted historical research and assisted in the preparation of a Historic Structures Report for the U.S. Marine Hospital, National Historic Landmark. Louisville, KY.
- 2001 Conducted historical and archeological investigations of five historic sites of Hopewell Furnace National Historic Park, Birdsboro, PA. National Park Service.
- 2001 Co-directed data recovery investigations and conducted historical research of the Raritan Landing Project, New Brunswick, NJ. New Jersey Department of Transportation.
- 2001 Conducted historical research and assisted in developing historic commemorative contexts for seven national military parks (Chickamauga/Chattanooga, Gettysburg, Shiloh, Vicksburg, Antietam, Valley Forge, Minute Man). National Park Service.
- 2001 Conducted historical research and directed Phase I archeological investigations at Hopewell Furnace National Park. National Park Service.
- 2000 Directed archeological investigations at Block III, John Dickinson Plantation, Delaware. Delaware State Museums.
- 2000 Conducted historical research and Phase I archeological survey at site of Camp Security/Camp Indulgence, a British Revolutionary War Prisoner-of-War encampment, York County, Pennsylvania. Pasch Construction.
- 2000 Directed historical research and prepared historic context for Phase IA cultural resources investigation for a proposed parking facility at the site of the Second Street Market, Lower Market Street Historic District, Wilmington, Delaware. Wilmington Renaissance Corporation.
- 2000 Directed historical research and Phase II archeological evaluation for the Triangle Woods Archeological Site, New Castle County, Delaware. Delaware Department of Natural Resources and Environmental Control.
- 2000 Co-directed data recovery efforts at the Raritan Landing Archeological District. New Jersey Department of Transportation.

- 1998 Data recovery investigations at the Jacob M. Zook House, Exton Square Mall expansion, Chester County, Pennsylvania. The Rouse Company.
- 1998 Data recovery investigations at the Diggs-Monroe and Culp-Mindoft sites, Gettysburg, Pennsylvania. The Borough of Gettysburg.
- 1998 Phase I and II archeological investigations at the Joseph Carrell, Jr. Farmstead site, Street Road Commercial Development Project, Bucks County, Pennsylvania. Newman Development Group of Warrington, L.L.P.
- 1997 Phase IA cultural resources investigation of sediment removal areas in the Christina River, Newport, New Castle County, Delaware. DuPont Environmental Remediation Services.
- 1997 Phase I archeological survey of the proposed access road, DuPont Holly Run Plant, Newport, Delaware. DuPont Environmental Remediation Services.
- 1996 Phase II archeological evaluation of the Grover Farmstead, Cranbury Neck Road Bridge Replacement, Middlesex County, New Jersey. New Jersey Department of Transportation.
- 1996 Phase II archeological investigations at the Zook, Massey and Jacobs houses, Exton Mall Expansion Project, West Whiteland Township, Chester County, Pennsylvania. The Rouse Company.
- 1996 Phase IB archeological survey of the former Koppers Company, Inc. Property, Newport, New Castle County, Delaware. Beazer East and DuPont Specialty Chemicals in association with Woodward-Clyde Consultants, Inc.
- 1995 Phase II evaluation of the Motts Run Water Filtration Plant Site, Spotsylvania County, Virginia. Hayes, Seay, Mattern & Mattern, Inc.
- 1994 Phase I archeological investigations at the Dundale Mansion and Barn, Villanova University, Delaware County, Pennsylvania. Villanova University.
- 1994 Phase I archeological investigations at the Pennell House Site, Delaware County, Pennsylvania. Wawa Dairies, Inc.
- 1993 Phase II evaluation of the William Wingate House Site, Fort DuPont State Park, New Castle County, Delaware. Delaware Department of Natural Resources and Environmental Control.
- 1993 Phase I and II archeological investigations of the Laurel Mill, Laurel, Sussex County, Delaware. Delaware Department of Natural Resources and Environmental Control.
- 1993 Data recovery excavations at the New Geneva Pottery Waster Dump Site, Fayette County, Pennsylvania. Pittsburgh District, U.S. Army Corps of Engineers.
- 1992 Data Recovery investigations at the Dehorty Site, New Castle County, Delaware. Delaware Department of Transportation.
- 1991 Archeological excavations at St. Paul's Church, Kent County, Maryland. University of Delaware and vestry of St. Paul's Episcopal Church.
- 1991 Data Recovery excavations at the Eagle Run Tenant House Site and the William Patterson Mansion House and Boat Dock, New Castle County, Delaware. Delaware Department of Transportation.

- 1990 Data Recovery investigations of the Thomas Williams Site, New Castle County, Delaware. Delaware Department of Transportation.
- 1990 Phase I archeological survey associated with the replacement of the New Jersey Route 45 Bridge over Fenwick Creek, Salem County, New Jersey. New Jersey Department of Transportation.
- 1989 Southeast Sussex Corridor cultural resources survey, Sussex County, Delaware. Delaware Department of Transportation.

#### SELECTED PUBLICATIONS

- 2001-2002 Research Questions for the Archaeology of Rural Places: Experiences from the Middle Atlantic. *Northeast Historical Archaeology* 30-31:143-154.
- 2002 Research Questions for the Archeology of Rural Places: Experiences from the Middle Atlantic: *Northeast Historical Archaeology*, in press.
- 1993 Small Wonder, There's Diversity! Current Historical Archaeology in Delaware (with David Grettler). *Bulletin of the Archaeological Society of Delaware* 30.
- 1993 "Entertained . . . at ye Tavern Close By." Historical Archaeological Inquiry at Thomas Ogle's Tavern, Ogetown (with Angela Hoseth and Ellis C. Coleman). *Bulletin of the Archaeological Society of Delaware* 30:5-16.
- 1991 A Report of the Archaeological Investigations at the House of Thomas Cuff, A Free Black Laborer, 108 Cannon Street, Chestertown, Kent County, Maryland (with Doug McCall). *North American Archaeologist* 12(2):155-181.
- 1990 *Management Plan for Delaware's Historical Archaeological Resources* (with LuAnn DeCunzo). Delaware Department of State.
- 1990 Building a Framework for Research: Delaware's Management Plan for Historical Archaeological Resources (with LuAnn De Cunzo). *Northeast Historical Archaeology* 19:1-49.
- 1988 "Slaves, Free Blacks, and French Negroes: An Archaeological and Historical Perspective on Wilmington's Forgotten Folk." Unpublished M.A. thesis, Department of History, University of Delaware, Newark.
- 1986 Soil Chemistry and Historic Archaeological Site Activity Areas: A Test Case from Northern Delaware (with Jay F. Custer, Ellis C. Colman, and Kevin W. Cunningham). *Historical Archaeology* 20(2):89-94.
- 1986 Local Historical Summary. In *Current Research in the Historic Archaeology of Northern Delaware*, edited by Jay F. Custer and Kevin W. Cunningham, *Bulletin of the Archaeological Society of Delaware* 21:3-21.
- 1986 Archaeological Investigations at the Wilson-Slack Site. In *Current Research in the Historic Archaeology of Northern Delaware*, edited by Jay F. Custer and Kevin W. Cunningham. *Bulletin of the Archaeological Society of Delaware* 21:102-148.

- 1986 Archaeological Investigations at the William M. Hawthorn Site. In *Current Research in the Historic Archaeology of Northern Delaware*, edited by Jay F. Custer and Kevin W. Cunningham. *Bulletin of the Archaeological Society of Delaware* 21:58-101.

#### **SUMMARY OF PROFESSIONAL ACTIVITIES**

Mr. Catts is author or co-author of fifty-two (52) cultural resources reports, thirteen (13) scholarly articles and monographs, five (5) book reviews, nineteen (25) papers presented at professional meetings, six (6) symposia organized at professional meetings, and one (1) professional conference organized.