

Appendix C: Resumes of Key Personnel

Education

B.A./1973/Anthropolgy, University of Maryland
M.A./1981/Anthropology, Catholic University of America
Ph.D./1989/Anthropology, Catholic University of America

Professional Affiliations

Society for American Archaeology
Smithsonian Institution Department of Anthropology Research Associate

Experience

Dr. Barse has over thirty years of experience in archaeological investigations. He has taught at the University level, directed field schools, and served as Principal Investigator on numerous projects. Dr. Barse has done extensive research on the prehistory of Eastern North America, with particular emphasis on the Middle Atlantic region and the Southeast. In addition, he has conducted extensive archeological research in Venezuela, having developed and continued a program of archeological survey and site testing along the Orinoco River in Amazonas State. Dr. Barse has received six major grants to date in support of his work in Venezuela. These include one from the National Science Foundation, two research grants from the National Geographic Society and three research grants from the Heinz Family Foundation. His most recent grant was received from the Heinz Family Foundation in 2001 for work in Venezuela and is nearly completion as of 2002.

1996 to Present: Senior Archaeologist, URS Corporation.

US Army Corps of Engineers, Pittsburgh Division, Leetsdale, Pennsylvania. Principal Investigator for the archaeological data recovery at site 36AL480, Area 1. Responsible for all technical aspects of the project, including management of all subconsultants, and served as the main point of contact with the Government. Conducted for the US Army Corps of Engineers, Pittsburgh District.

Phase I Archeological Survey of the Wagenberg Property, Palm Beach County Florida. Principal Investigator for a Phase I survey of a 331 acre parcel that is the preferred alternate for development of the Florida National Cemetery. Conducted for the Department of Veterans Affairs.

Indefinite Quantities Contract Maryland State Highway Administration. Principal Investigator for Phase I and II archaeological studies throughout the state for the Maryland State Highway Administration.

Wilmington Bypass Corridor. Principal Investigator Phase III archaeological data recovery associated with the proposed bypass within New Hanover County, north of Wilmington. Project involved investigation of several Woodland period prehistoric sites. Conducted for the North Carolina Department of Transportation.

Phase I Archaeological Survey for the WV-1 Power Station Site, Dominion Energy and Consolidated Natural Gas, Pleasant County, West Virginia. Principal Investigator for Phase I investigations on Site 46PL44, a prehistoric site with Late Woodland and Adena associations. Conducted for Dominion Energy and Consolidated Natural Gas.

Phase I Archaeological Survey, Route 5, Hughesville Bypass, Charles County, Maryland. Principal Investigator for Phase I study of proposed bypass and roadway widening within and the vicinity of Hughesville. Project involved the evaluation of an historic brick clamp site. Conducted for the Maryland State Highway Administration.

Phase I Archaeological Survey, Route 5, Brandywine Interchange, Prince George's County, Maryland. Principal Investigator for Phase I survey of proposed bypass of Brandywine. Conducted for the Maryland State Highway Administration.

Archaeological Data Recovery, Phase III, Fletcher's Boathouse Site (51NW13), Washington, D.C. Principal Investigator for Phase III investigations of a Middle Woodland occupation site along the C&O Canal. Conducted for the National Park Service.

C&O Canal National Historic Park. Principal Investigator for archaeological survey, identification, and evaluation study of the North Branch Site located in the Chesapeake and Ohio National Historic Park in Allegheny County, Maryland. Conducted for the National Capital Area of the National Park Service.

Daniel Island Marine Terminal, Charleston, South Carolina. Principal Investigator for: 1) construction of inter-modal rail and roadway facilities, 2) construction of terminal facilities, 3) dredging of berthing areas, and 4) associated improvements to existing channels. Development of predictive model for prehistoric resources, in association with the execution of a Programmatic Agreement that stipulates the process for integrating NEPA and Section 106 requirements, for this complex, multi-agency project. Conducted for the U.S. Army Corps of Engineers, Charleston District (USACE).

Sandy Island Survey Intensive Archaeological Survey of Sandy Island Uplands, Georgetown County, South Carolina. Principal Investigator for a project included survey of approximately 3500 acres. Work resulted in the discovery of 49 archaeological sites ranging in age from the Early Archaic through the Late 19th Century. Conducted for the South Carolina Department of Transportation.

Wilmington Bypass, Wilmington, North Carolina. Principal Investigator for Phase I investigations associated with proposed bypass within New Hanover County, north of Wilmington. Project involved investigation of several Woodland period prehistoric sites.

Baltimore/Washington International Airport. Principal Investigator for Phase I and II investigations associated with proposed Mid-Field Cargo Facility. Project involved testing of nineteenth-century farmstead. Conducted for the Maryland Aviation Administration.

1992 to 1995: Senior Archaeologist, KCI Technologies, Inc., Mechanicsburg, Pennsylvania.

Phase I Survey, Bevard Wetland Mitigation Site, Prince Georges County, Maryland. Principal Investigator for Phase I investigations at a wetland mitigation site, focusing on evaluations of several prehistoric sites. Conducted for Maryland State Highway Administration.

Phase II Investigations for the Mon/Fayette Corridor, Pittsburgh Area. Principal Investigator for Phase II investigations of five archeological sites along the Mon/Fayette corridor, Pittsburgh to Rte 68. Sites contained buried Archaic and Woodland stage components. Conducted for the Pennsylvania Department of Transportation.

Data Recovery Excavations at the Clifton Site (18CH358), Charles County, Maryland. Principal Investigator, Phase III data recovery excavations at a stratified Archaic site on Mattawoman Creek. Conducted for Maryland State Highway Administration.

1990 to 1992: Staff Archaeologist, Louis Berger & Associates.

Iroquois Gas Transmission Pipeline. Principal Investigator for Phase III data recovery excavations conducted along the Iroquois Gas Transmission System Pipeline, Canada to Long Island. Excavations focused on data recovery at three upland Archaic sites and one riverine Late Woodland hamlet.

Transco Woodbury Lateral Loop Project, Gloucester County, New Jersey. Principal Investigator, Phase III data recovery excavations at three sites along Transco's Woodbury Lateral Loop. Work focused on data recovery excavations at three multi-component sites (Archaic and Woodland) along the Woodbury Loop right-of-way. One site contained a sealed Early Woodland occupation.

Monongahela National Forest, West Virginia. Principal Investigator for the testing of 10 rockshelters in the Monongahela National Forest, West Virginia. Work focused on testing two stratified shelters that had been partially looted, and sampling eight smaller shelters situated in remote ridge-top settings.

1976 to 1990: Staff Archaeologist, Thunderbird Archeological Associates, Inc., Woodstock, Virginia.

Monongahela National Forest, West Virginia. Principal Investigator for an archeological reconnaissance of 12,000 acres within the Red Oak Opportunity Area, Monongahela National Forest, Webster County, West Virginia.

Site 18CV272, Calvert County, Maryland. Principal Investigator for Phase III data recovery excavations of a Middle Woodland site in Calvert County, Maryland. Conducted for Maryland State Highway Administration.

Site 44PW441, Prince William County. Principal Investigator for Phase III data recovery

excavations at a mid-nineteenth century house and associated midden areas. Conducted for Virginia Power.

Phase I, Survey, Virginia Power, North Carolina and Virginia. Principal Investigator, Phase I archeological reconnaissance of four fossil-fuel power plants. Work involved survey and site locating in four Coastal Plain settings (one in North Carolina, three in Virginia). Conducted for Virginia Power.

Site 44HR118, Henry County, Virginia. Principal Investigator, Phase II investigations at an upland Late Woodland site. Conducted for Appalachian Power Co.

Phase III Data Recovery, Burlington County, New Jersey. Co-Principal Investigator, Phase III data recovery excavations at four sites. Work involved placing block excavation at sites containing Late Archaic and Early Woodland components on Rancocas Creek. Conducted for New Jersey Department of Transportation.

Ryceville-Loveville Transmission Line, Charles and St. Mary's Counties, Maryland. Principal Investigator, Phase I archeological reconnaissance. Work involved locating sites along the ROW of a proposed transmission line. Conducted for Southern Maryland Electrical Cooperative.

Richard B. Russell Reservoir Region, South Carolina/Georgia. Co-Principal Investigator/Site Supervisor, Phase II testing of 19 archeological sites. Work focused on testing a range of Archaic and Woodland sites eventually inundated by the reservoir created by the Richard B. Russell Dam. Conducted for the Army Corps of Engineers.

Publications

- 1973 Riggins Pottery From Southern Maryland. *Maryland Archeology* 9(1-2), with Melburn D. Thurman.
- 1977 The Purcell Site: An Exploration. *Maryland Archeology* 13 (1), with Wayne Clarke and Gerald Braley.
- 1978 Preliminary Notes on the West Shore Site, 18AN219. *Newsletter of the Archeological Society of Maryland*, vol. IV, #1, January.
- 1989 Additional Sites With Riggins Ware Pottery in Maryland. *Maryland Archeology* 25, No. 1.
- 1990 Preceramic Occupations in the Orinoco Valley. *Science* 250: 1388-1390.
- 1993 Review of *Moundbuilders of the Amazon: Geophysical Archaeology on Marajo Island*, by Anna C. Roosevelt. *American Antiquity* 58(2):373-373.
- 1995 El Periodo Arcaico en el Orinoco y su Contexto en el Norte de Sud America. In *Ambito y*

- Ocupaciones Tempranas de la America Tropical*, edited by Ines Cavelier and Santiago Mora. Instituto Colombiano de Antropologia and Fundacion Erigaie, Santa Fe de Bogota, Colombia.
- 1996 Technical Comment. Dating a Paleoindian Site in the Amazon in Comparison with Clovis Culture. *Science* 275:1949-1950.
- 1999 La Etapa Formativa en la Cuenca del Orinoco. In, *Formativa Sudamericano: Una Revaluacion*, edited by Paulina Ledergerber-Crespo. Ediciones ABYA-YALA, Quito, Ecuador.
- 2000 Ronquin, AMS Dates, and the Middle Orinoco Sequence. *Interciencia* 25(7):337-341.
- 2002 Holocene Climate and Human Occupation in the Orinoco, In *Under the Canopy: The Archeology of Tropical Rainforests*, edited by Julio Mercader, Rutgers University Press (2002).

Education

B.A./1993/ Anthropology/Philosophy, University of Delaware

Experience

Mr. Eichinger has over thirteen years experience in all phases of cultural resource management. Mr. Eichinger has participated in the excavations of both prehistoric and historic sites in the Middle Atlantic states, and has also participated in all aspects of laboratory analysis of prehistoric and historic artifacts, including blood residue analysis.

1994 to Present: URS Corporation, Florence, New Jersey

Phase I Archaeological Investigations at Great Falls National Park. Field Supervisor for investigations for a proposed bicycle / pedestrian walkway, parking lots improvements, and the construction of a protecting flood wall for the historic Great Falls Tavern.

Phase III Excavations at the Port Kennedy Industrial Village (36MG34). Field Supervisor for an archaeological data recovery within the workers' housing at a mid-19th century industrial village associated with both limestone mining / kiln and iron furnace operations. The site is located within the present-day Valley Forge National Historic Park.

Phase I / II Terrestrial Archeological Survey, Maryland Route 210 Wetland Mitigation at the Parker Berry Farm, Prince George's County, Maryland. Field Supervisor for investigations conducted for an 18-acre wetland mitigation project performed for the Maryland State Highway Administration. The investigations documented two separate prehistoric archaeological sites, one of which encompassed a Contact Period occupation. Phase II investigations within this occupation uncovered several features associated with a single-family hamlet, including a pit house and a hearth.

Phase I Cultural Resources Investigations for Proposed Improvements to Route 202-Section 610, Montgomery County, Pennsylvania. Field Supervisor for Phase I cultural resource investigations conducted for Pennsylvania Department of Transportation, District 6. The project involved the testing of various widening, realignment, and storm water management areas. Also included was the Phase I assessment of Nineteenth Century farmstead in Montgomery County.

Phase II Archaeological Investigations for the Proposed Greenbrier Pipeline, Pulaski and Giles Counties, Virginia. Field Supervisor for a series of ten Phase II investigations associated with the proposed Dominion Natural Gas Pipeline from Charleston, West Virginia to Raleigh, North Carolina.

Phase I Archaeological Investigations for the NRG Newberry LLC Power plant Site in York Haven, York County, Pennsylvania. Field Supervisor for Phase I investigations.

Phase I Cultural Resources Investigation for Two Proposed Flood Control Dams in Comal County, Texas. Field Supervisor for a Phase I cultural resources investigation conducted for the Federal Emergency Management Agency by URS Corporation. The project involved archaeological studies within the area of potential effect (APE) for two proposed flood control dams and their associated spillways. The investigation resulted in the documentation of the historic Sattler Cemetery and numerous prehistoric sites.

Phase I/II Archaeological Investigations for the Proposed Norfolk Southern Railway Company's Saltsburg to Clarksburg Spur, Armstrong Township, Indiana County, Pennsylvania. Field Supervisor for a Phase I and Phase I/II archaeological investigation for the conducted for the Norfolk Southern Railway Company. The project involved the investigations of a 4.8 miles area of potential effect (APE). The investigations included background research, pedestrian survey, geomorphological assessment, systematic shovel testing and test unit excavations. As a result of these investigations, three previously recorded prehistoric sites (36IN157, 36IN158, and 36IN160) were relocated and their boundaries were revised, and five additional sites (one prehistoric, four historic) were documented.

Phase I Cultural Resources Investigation for the Proposed Conectiv Energy Armstrong Plant Site, Lancaster County, Pennsylvania. Field Supervisor for a Phase I cultural resources investigation conducted for Conectiv Energy by URS Corporation. The project involved archaeological and historic architectural studies within the are of potential effect (APE) of a proposed electrical generating facility and associated power transmission corridor.

Phase I Archaeological Survey of the Conectiv Energy Bethlehem Plant Site, Northampton County, Pennsylvania. Field Supervisor for Phase I archaeological investigations conducted for Conectiv Mid-Merit, Inc. (CMMI) by URS Corporation. The project involved background research, archaeological fieldwork and laboratory analysis, and a geomorphological study for a proposed power plant site.

Phase I Cultural Resources Investigation for the Proposed Conectiv Energy Delta Plant Site, York County, Pennsylvania. Field Supervisor for a Phase I cultural resources investigation conducted for Conectiv Energy by URS Corporation. The project involved archaeological and historic architectural studies within the area of potential effect (APE) of a proposed electrical generating facility, laydown area, and associated power transmission corridor.

Phase I Cultural Resources Investigation for Proposed Intersection Improvements for State Routes 24 and 5, Sussex County, Delaware. Field Supervisor for the archaeological portion of a survey conducted by URS Corporation (URS) for the Delaware Department of Transportation (DelDOT). Work was initiated in response to proposed improvements for a section of State Route 9 from the Kent County line to N453.

Phase II Archeological Survey, Smoot's Cove (Site 18PR585), Prince George's County, Maryland, Woodrow Wilson Bridge Project. Field Supervisor for Phase II archaeological excavations at the Smoot Cove site (18PR585), a small Late Woodland encampment along the Potomac River.

Archaeological Data Recovery Riversdale Manor Dependency, Prince George's Counties, Maryland. Field Supervisor for Phase III archaeological excavations within and around the Riversdale Manor dependency (18PR390). The excavations resulted in the documentation of the remnants of an earlier structure located beneath the existing building.

Germantown Avenue Bridge Replacement Site 36PH106, Archaeological Data Recovery, Philadelphia, Pennsylvania. Field Supervisor for the Phase III archaeological investigations conducted to mitigate adverse effects to the Paul Site (36PH106), an 18th to 19th century occupation, from the proposed replacement of the Germantown Avenue Bridge over Wissahickon Creek.

Phase I Archeological Assessment of State Route 362, From State Route 361 to State Route 67 (US321), Elizabethton, Carter County, Tennessee. Field Supervisor for a Phase I terrestrial archaeological survey of State Route 362, from State Route 361 to State Route 67 (US 321), Carter County, Tennessee. The survey of the proposed corridor identified one Late Woodland Fort Ancient period archaeological site (Site 40CR222).

Phase I Archeological Survey of the proposed State Highway 32 Realignment, from State Route 73 to Wilton Springs Road, Cocke County, Tennessee. Field Supervisor for a Phase I terrestrial archaeological survey of the State Highway 32 realignment. The investigations surveyed nine previously known prehistoric sites (40CK13, 40CK23, 40CK25, 40CK27, 40CK29, 40CK24, 40CK26, 40CK28, 40CK30), and identified two additional prehistoric / historic sites.

Phase I Archeological Survey of the South Bend Substation Site, Armstrong County, Pennsylvania. Phase I archaeological investigations for the Dominion Energy and Consolidated Natural Gas Company's (DRI-CNG) proposed electric generation peaking plant in Armstrong County, Pennsylvania. No prehistoric or historic sites were identified.

Phase I Terrestrial Archeological Survey for US 301 Southern Corridor, Charles and Prince George's Counties, Maryland. Field Supervisor for the Phase I terrestrial archaeological investigations of the proposed US 301 Southern Corridor project in Prince Georges and Charles Counties, Maryland. The survey used a GIS-based predictive model developed for the Waldorf area that incorporated criteria of slope, aspect, and drainage. Fieldwork documented sixteen prehistoric sites and four historic sites.

Phase I Archaeological Survey for Woodrow Wilson Bridge Expanded APE project, Prince George's County, Maryland. Field Supervisor for Phase I investigations on two parcels associated with the Woodrow Wilson Bridge project. Survey resulted in the documentation of two prehistoric sites; Site 18PR588, a non-diagnostic lithic scatter, and Site 18PR585, a deeply buried Late Woodland occupation.

Phase I Archaeological Survey Workplan for the OH7-C1 Power Station Site, Dominion Energy and Consolidated Natural Gas, Muskingum County, Ohio. Field Supervisor for Phase I investigations on a 40-acre tract in Cass Township, Ohio. Survey resulted in the documentation of a temporally non-diagnostic prehistoric lithic scatter.

Phase I Archaeological Survey Workplan for the WV-1 Power Station Site, Dominion Energy and Consolidated Natural Gas, Pleasant County, West Virginia. Field Supervisor for Phase I investigations on Site 46PL44, a prehistoric site with Late Woodland and Adena associations. Conducted for Dominion Energy and Consolidated Natural Gas.

Phase I Archeological and Historic Architectural Survey of the Earnshaw Property Wetland Creation Site (WIC-1) Charles County, Maryland. Field Supervisor for Phase I investigations associated with the Woodrow Wilson Bridge project. Survey resulted in the documentation of Site 18CH667, a Late Archaic lithic scatter.

Muncy Bridge Redecking, Temporary Construction Easement Phase 1a Geomorphological Testing. Field Supervisor for Phase 1a investigations. Conducted for Pennsylvania Department of Transportation.

Phase I / II Archaeological Survey for Dominion Energy and Consolidated Natural Gas, PA-2 Site, Armstrong County, Pennsylvania. Field Supervisor for Phase I / II investigations Site 36AR469, a late eighteenth century dwelling in Armstrong County, PA. Conducted for Dominion Energy and Consolidated Natural Gas.

Categorical Exclusion Document: Improvements to Intersection of State Route 70 Eastbound and Towbin Avenue, in Lakewood Township, Ocean County, New Jersey. Field Supervisor for Phase I investigations. Conducted for the New Jersey Department of Motor Vehicles

Categorical Exclusion Document: Improvements to Intersection of Route 33 and Halls Mill Road, Freehold Township, Monmouth County, New Jersey. Field Supervisor for Phase I investigations. Conducted for the New Jersey Department of Motor Vehicles

Maryland Route 5 – Hughesville. Field Supervisor for Phase I investigations for the Hughesville Bypass. Survey resulted in the documentation of Mid to Late Archaic prehistoric site (18CH665) and a historic brick clamp of unknown association. Conducted for the Maryland State Highway Administration.

Maryland Route 5 - Brandywine Interchange. Field Supervisor for Phase I investigations outside of TB, Maryland. Conducted for the Maryland State Highway Administration.

Wilson Tract, Chester County, Pennsylvania. Field Supervisor for Phase II/III investigations on Site 36CH687, a historic farmstead. Project conducted for the Pennsylvania Department of Transportation.

Hancock Streetscape, Washington County, Maryland. Field Supervisor for the archaeological monitoring and data recovery within the National Register of Historic Places eligible Hancock Historic District streetscape. Conducted for the Maryland State Highway Administration.

Perryman Golf Course, Harford County Maryland. Field Supervisor for the Phase I archaeological investigations at Sites 18HA84 and 18HA189 within the proposed Perryman Golf Course.

Dover Bridge, Talbot County Maryland. Field Supervisor for Phase I investigations associated with the replacement of the Dover Bridge. An early colonial occupation dating from the late seventeenth to the early eighteenth century (18TA315) was discovered, along with a Late Woodland prehistoric site (18TA316).

Sandy Island, Georgetown County, South Carolina. Archaeologist for Phase I Intensive Archaeological survey of Sandy Island. The six mile long island is the largest inter-coastal island in the United States and contained a total of 52 sites. Every time period from Early Archaic to the late nineteenth century was represented, including several ante / post bellum rice plantations.

Phase III Data Recovery, King of Prussia Inn, King of Prussia, Pennsylvania. Crew Chief for Phase III data recovery of eighteenth through nineteenth century tavern/inn in King of Prussia, Pennsylvania. Site contained extensive structural remains and eighteenth century yard deposits. Conducted for the Pennsylvania Department of Transportation, District 6-0.

Wilmington Bypass Alternative project, New Hanover and Brunswick Counties, North Carolina. Archaeologist for Phase I and II investigations associated with proposed bypass within New Hanover County, north of Wilmington. Project involved investigation of several Woodland period prehistoric sites.

MidfieldCargo Complex, BWI Airport, Maryland. Archaeologist for Phase I and II investigations associated with proposed Mid-Field Cargo Facility. Project involved testing of nineteenth-century farmstead. Conducted for the Maryland Aviation Administration.

Route 21 Mitigation. Archaeologist for all phases of investigations. Projects (28PA143, 28PA145, 28PA40, and 28PA39). Sites worked on included the historic home of Scotto Nash (28PA39), breeder of the American Beauty rose, and an intact Woodland Period prehistoric village site (28PA143).

Inter-County Connector Phase I investigation. Crew Chief for Phase Ib survey associated with proposed Intercounty Connector north of Washington, D.C. in Montgomery and Prince George's County, Maryland. Involved the testing of over 30 properties with historic standing structures and the sample survey of over 30 miles of proposed highway corridors on new location and over 90 miles along existing roadways. Conducted for the Maryland State Highway Administration.

North Branch Site (18AG214), Allegany County, Maryland. Archaeologist for archaeological survey, identification, and evaluation study of the North Branch Site located in the Chesapeake and Ohio National Historic Park in Allegany County, Maryland. Conducted for the National Capital Area of the National Park Service

Route 206 Widening. Archaeologist for Phase I and II archaeological investigations. Project area contained remnants of late nineteenth century domestic and farmstead sites within Stokes State Forest and Delaware Watergap National Recreation Area. Conducted for the New Jersey Department of Transportation.)

Phase I investigations into the North Woods and the West Woods, Antietam National Battlefield, Maryland. Archaeologist for the I and II archaeological survey of the West Woods and the North Woods, and the Locher/Poffenberger farmstead site in Antietam National Battlefield. Project involved comprehensive surveys of battlefield sites within the park and Phase II testing of a nineteenth century farmstead. Conducted for the National Capital Area of the National Park Service.

Maryland Route 2/4 Interconnector, Calvert County, Maryland. Archaeologist for the Phase I Calvert County Maryland Route 2/4 interconnector survey, which consisted of over 7 miles of new roadway. Daily coordination with highway survey crews was necessary to complete this fast track project. Conducted for the Maryland State Highway Administration.

Phase II Testing, William-Shoemaker Site, Tuckahoe, New Jersey. Archaeologist for testing of historic house lot in a southern New Jersey town. Site contained extensive mid-eighteenth to late nineteenth century deposits and features. Conducted for the New Jersey Department of Transportation.

Phase II investigations at 18PR399 and 18PR401 prehistoric sites in Prince George's County, Maryland. Archaeologist for the Phase II testing of Sites 18PR399 and 18PR401 in Prince George's County, Maryland. Conducted for the Maryland State Highway Authority.

BWI Airport, Maryland. Archaeologist on the Phase II investigations at the Harman's Site. Project involved the testing of two Early Archaic to Late Woodland sites. Project conducted for the Maryland State Highway Administration.

Virginville Bridge Replacement Project (S.R. 0143 Section 01B), in Virginville, Pennsylvania. Archaeologist for the Phase I survey associated with the replacement of the Virginville Bridge across the Maidenhead Creek in Berks County, Pennsylvania. . Conducted for the Pennsylvania Department of Transportation

King of Prussia Inn/Route 202 widening project in Montgomery County, Pennsylvania. Archaeologist for the Phase II investigation at the eighteenth through nineteenth century tavern/inn in King of Prussia, Pennsylvania. Site contained extensive structural remains and eighteenth century yard deposits. Conducted for the Pennsylvania Department of Transportation, District 6-0.

Phase I extension and Phase II survey of the Old Betzwood Bridge Replacement. Archaeologist for a Phase II study for the Pennsylvania Department of Transportation. Phase II archaeological testing of bridge replacement project area, which was located in Valley Forge National Historic Park. Project area contained remnants of nineteenth century industrial village.

Phase I Prehistoric survey of the Route 896/Iron Hill East Project in New Castle County, Delaware. Archaeologist for a Phase I survey associated with the Route 1 expansion project. Conducted for the Delaware Department of Transportation.

Phase I Historic survey of the White Clay Creek/Christina River Project in New Castle County, Delaware. Archaeologist for a survey of historic resources along the White Clay Creek and Christina River. Conducted for the University of Delaware.

Phase I surveys, Phase II investigations, and Phase III mitigations for the University of Delaware Center for Archaeological Research in New Castle County, Delaware. Projects included both historic and prehistoric sites in Delaware, Maryland, and Pennsylvania. Key projects include: Snapp and Leipsic Prehistoric Sites (7NC-G-101 and 7K-C-194A), Henry Coursey Plantation Site, Buchanan-Savin Farmstead, and the Pollack Wetland Replacement series. Also, participated in laboratory curation, analysis, and blood residue testing for numerous sites in the Mid-Atlantic Region.