

### **10.3 Key Project Personnel**

## ARCHAEOLOGICAL & HISTORICAL CONSULTANTS, INC.

CONRAN A. HAY

### PROJECT MANAGER

#### **Education:**

Ph.D. - Anthropology, The Pennsylvania State University, November 1978

M.A. - Anthropology, The Pennsylvania State University, December 1973

A.B. - Philosophy, Earlham College, June 1969

#### **Experience:**

Dr. Hay co-founded and developed the cultural resource management program at A&HC and has provided technical direction of the company since its founding. In so doing, he has performed and managed approximately 400 cultural resource management projects. These have included Phase I and II archaeological surveys; Phase III archaeological data recovery excavations; historic structures inventories, evaluations, and recordations; and cultural resources management plans. Dr. Hay has managed principal investigators and other key level personnel, has coordinated extensively with clients and agencies, and has presented his work to both professionals and the public at large. His analytical specialty is lithic analysis, including studies of lithic reduction and use-wear.

#### **Selected Project Experience:**

**US 301 Project Development, Section 1, New Castle County, Delaware:** Phase Ia and Ib survey of a 5.4 mile section of limited access highway.

**U.S. Route 11/15, S.R. 0011, Perry, Snyder, and Juniata Counties, Pennsylvania:** Historic structures inventory and Phase I, II, and III archaeological survey for approximately 30 miles of highway widening and intersection improvements. The work included inventory of the Susquehanna Division of the Pennsylvania Canal.

**Lumber Heritage Region, North-Central Pennsylvania:** Development of historic contexts for a proposed fifteen county Lumber Heritage Region, including thematic narratives and historic lumber resource inventories.

**Wright-Patterson Air Force Base, Ohio:** Historic structures inventory and historic context research for Cold War research facilities. The project involved evaluation of nationally and exceptionally significant historic resources.

**Historic Highways, Nationwide:** Development of innovative techniques for the rehabilitation of historic highways for the Federal Highway Administration. Case study examples throughout the nation were examined.

**Camden and Amboy Railroad, Multiple Counties, New Jersey:** Historic context development and field evaluation of approximately 100 miles of the historic Camden & Amboy Railroad corridor.

**ARCHAEOLOGICAL & HISTORICAL CONSULTANTS, INC.**

**MELISSA DIAMANTI**

**SENIOR PRINCIPAL INVESTIGATOR, ARCHAEOLOGY**

**Education:**

Ph.D. - Anthropology, The Pennsylvania State University, May 1991  
M.A. - Anthropology, The Pennsylvania State University, May 1980  
B.A. - Anthropology, University of Pennsylvania, May 1976

**Experience:**

As Senior Principal Investigator, Dr. Diamanti designs and implements large and complex archaeological projects. She coordinates extensively with clients and with state and federal regulatory agencies, and disseminates results to the public at large. She manages multiple projects simultaneously, and supervises field and laboratory personnel. She combines extensive experience in both prehistoric and historic archaeology. Dr. Diamanti's analytical specialty is the study of spatial patterning of activity areas within sites, and the relationships of spatial patterns to social organization and technology. She also has extensive experience in the design and implementation of archaeological predictive models.

**Selected Project Experience:**

**US 301 Project Development, Section 1, New Castle County, Delaware:** Phase Ib survey of a 5.4 mile section of limited access highway.

**Walter Business Park, Blair County, Pennsylvania:** Phase I, II, and III archaeological investigations of prehistoric Site 36 BL106, containing Paleoindian and Early Archaic components.

**Mon/Fayette Expressway, Allegheny County, Pennsylvania:** Phase I and II archaeological survey for 12 miles of turnpike, and Phase Ia sampling design for historic urban residences and industrial sites.

**Park Road Extension, Berks County, Pennsylvania:** Phase III archaeological data recovery at Site 36BK621, containing a prehistoric Late Woodland site component and a historic canal weigh lock of the Schuylkill Navigation System.

**US Route 202 Improvements, Montgomery and Bucks Counties, Pennsylvania:** Phase I archaeological survey of approximately 15 miles of highway improvements and Phase II survey of 14 prehistoric and historic archaeological sites.

**NJ/Route 94/23 Interchange, Sussex County, New Jersey:** Phase III archaeological data recovery at the Edsall House Site (Site 28Sx291) containing historic eighteenth and nineteenth century components.

**Church Creek Streetscape, MD 16 and MD 335, Dorchester County, Maryland:** Phase I and II archaeological surveys for road improvements in an eighteenth through twentieth century village.

## ARCHAEOLOGICAL & HISTORICAL CONSULTANTS, INC.

DAVID J. RUE

### PROJECT MANAGER

#### **Education:**

Ph.D. - Anthropology, Geology Minor, 1986, The Pennsylvania State University

M.A. - Anthropology, 1982, The Pennsylvania State University

B.A. - Sociology/Anthropology, History, 1978, Clarion State College

#### **Experience:**

Dr. Rue co-manages the cultural resource program of Archaeological & Historical Consultants, Inc. (A&HC) and serves as Project Manager and Principal Investigator on cultural resource projects. In his twenty four years of experience he has supervised preparation of over 200 technical reports, and has provided management for large, multi-disciplinary environmental projects. His background has been multi-regional, and his client base has been diverse (gas pipelines, highways, fiber optics, federal facilities, power, and more). Before joining A&HC in 1993, Dr. Rue developed and managed two highly successful cultural resources management programs for WAPORA in 1987-1990 and 3D/ESI in 1990-1993. Dr. Rue specializes in paleoecology and palynology, and has published academic papers on Mesoamerican and Northeast U.S. topics.

#### **Selected Project Experience:**

**SR1 North Frederica Grade Separated Intersection, Kent County Delaware:** Additional Phase II survey and Phase III archaeological data recovery.

**SR 0061 Highway Improvements, Berks County, Pennsylvania:** Phase III archaeological data recovery and public report.

**I-495 Capital Beltway Project, Montgomery and Prince Georges Counties, Maryland:** Phase I archaeological survey and historic structures inventory.

**Runway 14 Expansion, Bedford County Airport, Pennsylvania:** Archaeological and historic structures surveys.

**Greater Cincinnati Airport Expansion, Boone County, Kentucky:** Archaeological and historic structures surveys.

**Trout Run Wastewater Treatment Plant, Montgomery County, Pennsylvania:** Phase I archaeological survey.

**Route 47 Improvements, Gloucester County, New Jersey:** Phase I archaeological survey and Phase II testing of nineteenth century glassworks.

**Route 32 Improvements, Howard County, Maryland:** Phase I archaeological survey.

**ARCHAEOLOGICAL & HISTORICAL CONSULTANTS, INC.**

**WENDY L. ZUG-GILBERT**

**PRINCIPAL INVESTIGATOR, ARCHITECTURAL HISTORY**

**Education:**

B.A. - American Studies, The Pennsylvania State University, December 1993

**Experience:**

As a principle investigator, Ms. Zug-Gilbert designs and implements architectural history projects. She has had fifteen years of experience in architectural history and has prepared inventory/evaluation level studies, determination of effect reports, memoranda of agreement, and HABS/HAER and State level recordations. She has worked extensively in Pennsylvania, and has prepared Section 106 documents for numerous highway and bridge replacement projects throughout the Commonwealth. She also has extensive highway project experience in Delaware, Maryland and New Jersey. Ms. Zug-Gilbert has coordinated extensively with clients and agency personnel, and has presented study results to agency and citizens' committees and to the public at large.

**Selected Project Experience:**

**Christina River Bridge Project, City of Wilmington, Delaware:** Industrial context report for the Wilmington Waterfront.

**Southern Beltway, Interstate I-79 to the Mon/Fayette Expressway, Washington County, Pennsylvania:** Historic structures inventory and determination of eligibility for eight historic districts, five railroads, and more than 150 individual historic resources.

**Greenwood Avenue over SEPTA and Tacony Creek, Montgomery County, Pennsylvania:** Historic structures inventory and determination of eligibility for two historic bridges, the Jenkintown Historic District, and the Wyncote Historic District.

**Proposed Truck Weigh Stations on I-78, Warren County, New Jersey:** Historic structures inventory of the North Bloomsburg Historic District, three farmsteads, and one residential property.

**Wright-Patterson Air Force Base, Ohio:** Historic structures inventory and historic context research for Cold War research facilities. The work involved evaluation of nationally and exceptionally significant resources.

**Pure Oil Service Station, Camden County, New Jersey:** HAER mitigation of an early twentieth-century service station.

**Bel Air Streetscape Improvement Project, Harford County, Maryland:** Historic architectural survey and historic context for the Bel Air main street district, the Reckord Mill Complex, the Bel Air Courthouse District and twelve individual historic resources.

**ARCHAEOLOGICAL & HISTORICAL CONSULTANTS, INC.**

**JOHN M. STITELER**

**SOIL SCIENTIST/GEOMORPHOLOGIST**

**Education:**

M.S. Soil Science, 1997, The Pennsylvania State University

B.A. Anthropology, 1985, The Pennsylvania State University

**Experience:**

Mr. Stiteler is experienced in soil pedology, and specializes in describing and interpreting soils and geomorphology of archaeological sites to assist in research design and site interpretation. Prior to his specialization in soil science, Mr. Stiteler was an experienced archaeologist who served as Field Director on archaeological projects for Archaeological and Historical Consultants, Inc. from 1984-1991. During the soil science portion of his education, he served as an assistant from 1992-1997 at The Pennsylvania State University Land Analysis Laboratory. In this capacity, he collected water samples, maintained stream gauging and sampling stations, characterized and mapped soils, and analyzed samples in the lab. Mr. Stiteler also served in 1994 for the USDA Soil Conservation Service as a biological aide. There, he assisted in verifying accuracy and quality of soil mapping boundaries, collected data by making transects and digging soil pits, assisted in on-site evaluations and interpretations of SCS projects, and contributed crop yield estimates and woodland site indexes.

**Selected Project Experience:**

**Main Street Bridge Replacement Project in Butler, Butler County, Pennsylvania:** Soil boring monitoring and test pitting for Phase I/II archaeological survey.

**SR 522 Wetland Replacement Project, Blacklog Valley, Huntingdon County, Pennsylvania:** Examination of soil profiles for archaeological survey.

**Shuey Site II, 36Ce503, Bellefonte, Pennsylvania:** Examination of soil profiles for archaeological excavations for the proposed Spring Creek Sewer Project.

**Apollo Bridge Replacement, Armstrong County, Pennsylvania:** Examination of soil profiles for archaeological survey

**Southern Beltway Project in Beaver County, Pennsylvania:** Phase I archaeological survey (deep testing) of wetland replacement sites.

**ARCHAEOLOGICAL & HISTORICAL CONSULTANTS, INC.**

**MONICA PADAMONSKY**

**LABORATORY DIRECTOR**

**Education:**

B.A. – Anthropology, The University of Pittsburgh, May 1999

**Experience:**

Ms. Padamonsky serves as both Laboratory Director and Staff Historian. Her duties include analyzing prehistoric and historic artifacts, specializing in historic cultural material. Ms. Padamonsky has prepared artifact and photograph collections for curation in the Mid-Atlantic region. As Staff Historian, she conducts background research and fieldwork, assists with preparation of determination of eligibility and assessment of effect reports, and with historic structure survey forms. Ms. Padamonsky also has experience as Field Director/Crew Chief on Phase I, II, and III level archaeological surveys in Pennsylvania, West Virginia, Maryland, New Jersey, New York, and Arkansas.

**Selected Project Experience:**

**Frederica Grade Separated Intersection, Kent County, Delaware:** Phase III data recovery at the Gray Farm Site (7K-F-11 and 7K-F-169)

**US 301 Project Development, Section 1, New Castle County, Delaware:** Phase Ib survey of a 5.4 mile section of limited access highway.

**Mon/Fayette Expressway, Allegheny County, Pittsburgh, Pennsylvania:** Artifact analysis and preparation of artifact collections for curation,

**Maryland Route 16, Dorchester County, Maryland:** Artifact analysis and preparation of artifact collection for curation,

**Telecommunications Antenna Projects in New Jersey and New York:** Determination of Eligibility and Assessment of Effects Reports.

**S.R. 0422-Section 4TR, Montgomery County, Pennsylvania:** Historic Structures Inventory and Determination of Eligibility Report.

**Anderson and Sandusky Streets Underpass Improvement Project, Allegheny County:** Pennsylvania Historic Structures Inventory and Criteria of Effects Report.

**MD 5: US 301 to I-495, Prince George's County, Maryland:** Architectural Significance Evaluation.

**I-495 Capital Beltway Project, Montgomery and Prince George's Counties, Maryland:** Phase I Archaeological Identification Survey.

**ARCHAEOLOGICAL & HISTORICAL CONSULTANTS, INC.**

**SCOTT PADAMONSKY**

**FIELD DIRECTOR, ARCHAEOLOGY**

**Education:**

B.A. - Anthropology, Indiana State University of Pennsylvania, December 1995

**Experience:**

Mr. Padamonsky has a B.A. from Indiana University of Pennsylvania, specializing in archaeology. Including excavations and surveys done during undergraduate studies, Mr. Padamonsky has almost 15 years of experience in the field, with ten of those years as Field Director for A&HC. He has done work in Minnesota, North Dakota, Illinois, Wisconsin, Virginia, Maryland, New York, New Jersey, West Virginia, Ohio and Pennsylvania. Mr. Padamonsky has supervised over 100 Phase I and II surveys in Pennsylvania and surrounding states, and has been in charge of numerous Phase III data recoveries.

**Selected Project Experience:**

**Frederica Grade Separated Intersection, Kent County, Delaware:** Phase III data recovery at the Gray Farm Site (7K-F-11 and 7K-F-169)

**US 301 Project Development, Section 1, New Castle County, Delaware:** Phase Ib survey of a 5.4 mile section of limited access highway.

**S.R. 61, Section 15s, Berks County, Pennsylvania:** Phase III data recovery at a Multi-component prehistoric site with over 25,000 artifacts.

**Walter Business Park, Blair County, Pennsylvania:** Phase I and II surveys, Phase III data recovery at an Early Archaic campsite.

**Mon Fayette Expressway, Allegheny County, Pennsylvania:** Numerous Phase I and II surveys of urban and rural historic sites along over 20 miles of proposed highway.

**Spring-Walker-Benner Joint Authority, Centre County, Pennsylvania:** Phase III data recovery of a small Late Woodland village site along Spring Creek.

**Huston Township Water Authority, Centre County, Pennsylvania:** Phase III data recovery at a Woodland Period site.

**US Rt. 30 Highway Improvement, section 003. Lancaster County, Pennsylvania:** Phase III data recovery at a Late Woodland quartz reduction site.

**I-495 Capitol Beltway Improvements, Montgomery & Prince Georges County, Maryland:** Phase I survey of 15 miles of highway widening.

**ARCHAEOLOGICAL AND HISTORICAL CONSULTANTS, INC.**

**JAMES BRENEMAN**

**FIELD DIRECTOR, ARCHAEOLOGY**

**Education**

B.A. – Anthropology, University of Pittsburgh, 2001

**Experience**

Mr. Breneman has a B.A. from the University of Pittsburgh, specializing in archaeology. He has eight years of field experience as both a Field Technician and Field Director. Mr. Breneman has participated in Phase I, II and III projects in Pennsylvania, Maryland, New Jersey, West Virginia, New York, Virginia, Ohio, Delaware and Peru. James has extensive Phase I, II and III experience ranging from nineteenth to twentieth century historic sites to Paleo-Indian prehistoric sites. James has extensive experience as a Field Technician, as well as six months of Phase I and II Field Director experience in urban historic sites, he also has experience in laboratory methods and report writing.

**Selected Project Experience**

**Frederica Grade Separated Intersection, Kent County, Delaware:** Phase III data recovery at the Gray Farm Site (7K-F-11 and 7K-F-169)

**US 301 Project Development, Section 1, New Castle County, Delaware:** Phase Ib survey of a 5.4 mile section of limited access highway.

**Mon/Fayette Expressway, Allegheny County, Pennsylvania:** Phase I and II surveys, multiple urban historic sites.

**S.R.61, Section 15S, 36BK870, Berks County Pennsylvania:** Phase II and III prehistoric survey on a multi-component prehistoric site.

**Walter Business Park, 36BL106, Blair County, Pennsylvania:** Phase II and III prehistoric survey and data recovery at an Early Archaic campsite.

**Huston Township Water Authority, Centre County, Pennsylvania:** Phase III data recovery at a Woodland Period site.

**Great Bend, Meigs County, Ohio:** Phase II prehistoric and historic survey, as well as historic burial excavation.

**Potters Field Disinterment/Re-interment, Hudson County, New Jersey:** Phase III data recovery of historic burials.