

A P P E N D I X A :  
Q U A L I F I C A T I O N S O F  
R E S E A R C H E R S

**Scott A. Emory**  
**Archaeologist, Principal Investigator**

Mr. Emory has over twelve years of experience in terrestrial and submerged cultural resources management. He has directed Phase I, II and III projects which ranged from a one- to eight-person crew. He has completed historical and archival research; artifact conservation, identification, and cataloguing; report preparation; and environmental assessment of sites. Mr. Emory is very familiar with archival research having utilized state archive facilities in Maryland, Virginia, Pennsylvania, Delaware and New Jersey, as well as the National Archives and Naval Historical Center.

**Education**

- 2000 M.A., Maritime History/Nautical Archaeology – East Carolina University
- 1991 B.A., Anthropology – University of Delaware

**Professional Experience**

2001 - Present	A.D. Marble & Company, Inc.	<i>Principal Investigator, Archaeologist</i>
1998 - 2000	McCormick, Taylor and Associates, Inc.	<i>Field Director</i>
1998	Parsons-Engineering Science, Inc.	<i>Field Technician</i>
1997	Dames and Moore	<i>Field Director</i>
1997	John Milner and Associates, Inc.	<i>Field Technician</i>
1997	Tetra Tech, Inc.	<i>Field Director</i>
1997	Vinyard Shipbuilding Company	<i>Principal Investigator</i>
1996	John Milner and Associates, Inc.	<i>Field Technician</i>
1995	L'Hermine Wreck Investigation	<i>Field Technician</i>
1995	Stonewall Wreck Excavations	<i>Field Technician</i>
1995	Parsons-Engineering Science, Inc.	<i>Field Technician</i>
1994	Hunter Research, Inc.	<i>Field Technician</i>
1993	Mid-Atlantic Archaeological Resource Associates, Inc.	<i>Field Technician</i>
1992 - 1993	Cultural Heritage Research Services, Inc.	<i>Field Technician</i>
1992	Parsons-Engineering Science, Inc.	<i>Field Technician</i>
1989 - 1992	University of Delaware Center for Archaeological Research	<i>Field Technician</i>

## **Publications**

“Caught Between Wood and Steel: The Vinyard Shipbuilding Company,” Fully, Freely & Entirely. Delaware Heritage Commission, Winter 1997.

“Shipwrecks? We Don’t Need No Stinking Shipwrecks!,” Stem to Stern, East Carolina University, Fall 1997.

## **Professional Affiliations**

Divers Alert Network

Middle Atlantic Archaeological Society

National Association of Underwater Instructors (Inst. #10190)

International Association Nitrox & Technical Divers (#10852)

Archaeological Society of Delaware

Steamship Historical Society of America

**Daniel N. Bailey**  
**Archaeologist/Principal Investigator**

Mr. Bailey is qualified under 36 CRF 61 as a principal investigator. He has over 16 years of professional experience in all aspects of archaeological fieldwork, research, laboratory techniques, resources and writing. He has directed over 100 cultural resource management projects for a wide range of municipal, state, and federal agencies, as well as for private clients. These projects have included highway planning, construction and expansion, bridge replacements, wetland mitigation, Army Corps of Engineers levee construction, residential and commercial development, and wastewater treatment systems construction. He has organized and directed complex programs, supervising up to 90 individuals in a team effort to execute these programs. Mr. Bailey is familiar with environmental protection directives, which he implements regularly during field operations. He has also lectured to primary/secondary school and college classes about archaeology, research techniques, historic preservation, and cultural resource management. His particular skills and special interests include large-scale site management, prehistoric artifact analysis, historic ceramic analysis, computer database operation, report writing and editing, and historic document research. Mr. Bailey has written over 50 technical archaeological reports.

**Education**

2003 MA, American Studies, Penn State University  
1988 BA, Anthropology, Kutztown University  
1985 AS, Aeronautical Studies, Embry-Riddle Aeronautical University

**Professional Experience**

1996 - Present	A.D. Marble & Company, Inc.	<i>Archaeologist</i>
1993 - 1998	Richard Grubb & Associates, Inc.	<i>Archaeologist</i>
1994 - 1998	Big Blue Archaeological Research	<i>Archaeologist</i>
1989 - 1993	University of Delaware Center for Archeological Research	<i>Research Associate I</i>

**Other Publications**

1996 "A Summary of Phase III Data Recovery Excavations at the West Water Street Site (36-CN-175), Lock Haven, Clinton County, Pennsylvania". *Pennsylvania Archaeologist* 66 (1):1-53. Custer, Jay F., Scott C. Watson, and Daniel N. Bailey.

**Papers Presented**

2002 "Selling Tickets: The Rise of the Lottery in Colonial Pennsylvania". Presented at the Lehigh County Historical Society, Allentown, PA.

1998 "A Diamond in the Rough Uplands: The Porter Run South Site, 36Cr118". Presented at the Society for Pennsylvania Archaeology, Forks of the Delaware Chapter #14, Easton, PA.

**Professional Affiliations**

Society for Pennsylvania Archaeology  
Lehigh County Historical Society  
Berks County Historical Society

**Amy K. Fanz**  
**Archaeologist**

Ms. Fanz has over 16 years of experience in archaeological field studies and has directed Phase I, II and III investigations. She has worked extensively for several state departments of transportation as well as other federal and private clients throughout the Mid-Atlantic States and Puerto Rico. She is familiar with environmental protection directives, which she implements regularly during field operations. Ms. Fanz has also participated in high altitude archaeology in the White Mountains during summer archaeological field school at the University of California, Davis.

**Education**

1988 B.A., Anthropology, University of Denver

**Professional Experience**

2000 - Present	A.D. Marble & Company, Inc.	<i>Archaeologist/Field Director</i>
1999 - 2000	URS Greiner Woodward-Clyde	<i>Field Archaeologist</i>
1999	MAAR and Associates	<i>Field Archaeologist</i>
1998 - 1999	McCormick, Taylor & Associates, Inc.	<i>Field Archaeologist</i>
1998	MAAR Associates, Inc.	<i>Field Archaeologist</i>
1998	Parsons/Engineering Science	<i>Field Archaeologist</i>
1995 - 1997	Michael Baker, Jr., Inc.	<i>Historic Resource Specialist I</i>
1995	Parsons/Engineering Science	<i>Field Archaeologist</i>
1995	John Milner and Associates	<i>Field Archaeologist</i>
1995	GAI Consultants	<i>Field Archaeologist</i>
1995	Parsons/Engineering Science	<i>Field Archaeologist</i>
1994 - 1995	Gray and Pape	<i>Field Archaeologist and Field Director</i>
1994	3D-E	<i>Field Archaeologist</i>
1994	Skelly & Loy	<i>Field Archaeologist</i>
1994	Engineering Science, Inc./Going Places	<i>Field Archaeologist</i>
1994	Greenhome and O'Mara, Inc.	<i>Field Archaeologist</i>
1993 - 1994	R. Christopher Goodwin and Associates	<i>Field Archaeologist and Crew Chief</i>

1992 - 1993	Engineering Science/Going Places	<i>Field Archaeologist</i>
1991 - 1992	3D/ESI	<i>Field Archaeologist</i>
1989	Woodward-Clyde Consultants	<i>Field Archaeologist</i>

**Professional Affiliations**

Archaeological Society of New Jersey  
Archaeological Society of Delaware  
Mid-Atlantic Archaeological Society

**David L. Weinberg**  
**Archaeologist**

Mr. Weinberg is experienced in directing and conducting all phases and aspects of archaeological excavations, including research, laboratory techniques, processing and curation. He has experience in soil characterization and site cartography. He is skilled in field, studio and architectural photography. Mr. Weinberg has authored and co-authored cultural resources management reports for municipal, state and federal agencies as well as for private sector undertakings. These projects have included highway planning, construction and expansion, bridge replacements, wetland mitigation, reservoir planning, residential and commercial development, and wastewater treatment systems construction. Mr. Weinberg is also experienced with the preparation of NHPA, Section 106, and ARPA documents. Areas of special interest include nineteenth century burial practices and historic ceramics analysis.

**Education**

1984 B.A., Anthropology/Archaeology, Geology (minor), University of Delaware

**Professional Experience**

1997 - Present	A.D. Marble & Company, Inc.	<i>Archaeologist</i>
1990 - 1997	MAAR Associates, Inc.	<i>Project Manager/Research Associate/Supervisor</i>
1987 - 1990	John Milner Associates (JMA)	<i>Supervisor/Cartographer</i>
1987	WAPORA, Inc.	<i>Archaeologist</i>
1984 - 1986	Thunderbird Archaeological Associates	<i>Archaeologist</i>
1985	Louis Berger & Associates	<i>Cartographer/Archaeologist</i>
1982	State of DE, Dept. of Natural Resources & Environmental Control	<i>Archaeologist</i>

**Certifications**

2002 OSHA Hazardous Waste Operations (8 hour refresher)  
1997 OSHA Hazardous Waste Operations (40 hour)  
1997 OSHA Hazardous Waste Operations Supervisor (8 hour)

**Professional Affiliations**

Archaeological Society of New Jersey  
Eastern States Archaeological Federation  
Middle Atlantic Archaeological Conference  
Historical Society of Chester County

**Daniel P. Wagner, Ph.D.**  
**Pedologist**

Dr. Wagner has worked as a consulting pedologist throughout Eastern North America, Central America, and the Caribbean for 27 years. As a regionally recognized expert in soil classification and genesis, he has participated in over 1,100 projects applying soil-geomorphic principles to an array of land use considerations. Among the earliest of a now growing number of soil scientists actively involved in archaeological studies, Dr. Wagner has participated in nearly 320 cultural resource investigations. Most of these studies involved paleogeographic analyses of prehistoric sites emphasizing Holocene depositional and weathering sequences as well as evolving environmental conditions. He has also worked on a number of historic sites interpreting landscape modifications for settings ranging in diversity from 18th century tidewater plantations to the core areas of major East Coast cities. Dr. Wagner has authored or co-authored 37 professional publications and has presented numerous papers at both professional soil science and archaeological meetings. He is currently on the part-time faculty of Johns Hopkins University where he teaches an environmental soils course.

**Education**

1982 Ph.D., Soil Science, University of Maryland  
1976 M.S., Soil Science, University of Maryland  
1973 B.S., Soil Science, University of Maryland

**Professional Experience**

1983 - Present Geo-Sci Consultants, Inc. *President*