

**APPENDIX A**

**QUALIFICATIONS OF PROJECT  
PERSONNEL**

**Barbara J. Gundy, Ph.D., R.P.A.**  
**Cultural Resource Specialist**  
**Archaeologist**

**Skelly and Loy, Inc.**  
**Engineers and Consultants**  
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### **Education**

Ph.D. 1993, Anthropology, University of Pittsburgh, Pittsburgh, Pennsylvania.  
M.A. 1985, Anthropology, University of Pittsburgh, Pittsburgh, Pennsylvania.  
B.A. 1981, Anthropology, Kutztown State College, Kutztown, Pennsylvania.

### **Areas of Specialization**

Cultural Resource Management; Field Methodology; Perishable Artifact Analysis; Historic Period Ceramic Manufacturing; North American Prehistory

### **Professional Summary**

Dr. Gundy has 19 years of archaeological field and administrative experience of which the majority has been in Cultural Resource Management. Dr. Gundy has administered or served as the Principal Investigator on numerous projects for federal, state, local, and tribal governmental agencies, as well as private firms including the DE, OH, PA, WA, and WV Departments of Transportation; Federal Highway Administration; Bonneville Power Administration; the Pittsburgh, Seattle, and Walla Walla Districts of the U.S. Army Corps of Engineers; National Forests; U.S., PA, and WA Departments of Environmental Resources; OR, PA, and WA state historic preservation offices; numerous ID, OH, OR, PA, and WA county and municipal authorities, school districts, and many civil and environmental engineering firms. The projects which Dr. Gundy has been associated with range from large-scale data recoveries to archaeological testing and survey to historic structure inventories to literature searches and include resources associated with both the pre-contact and historic periods. In addition to CRM work, Dr. Gundy has been involved with several public educational projects utilizing both elementary and secondary school-aged and adult volunteers in archaeological fieldwork and artifact processing. Dr. Gundy is a certified member of the Register of Professional Archaeologists as well as a member of several other national and state professional societies. Dr. Gundy's publications include a monograph, journal articles, and numerous cultural resource reports and professional papers.

**Gerald M. Kuncio**  
**Historic Preservation Specialist**  
**Historian/Architectural Historian**

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### **Education**

M.A., History, University of Delaware, 1993  
B.A., History, Duquesne University, 1982

### **Areas of Specialization**

Mr. Kuncio is a historian with more than 16 years of experience in historic preservation, historic research, National Register of Historic Places and historic context preparation, museum interpretation, and Historic American Engineering Record (HAER) recordations. He has extensive experience in Cultural Resource Management, and has prepared hundreds of historic resource surveys, eligibility reports, and effect reports in Pennsylvania, West Virginia, New York, Delaware, and Maryland. Resources addressed include high-style architectural buildings, vernacular style houses, commercial and industrial structures, rural and agricultural landscapes, historic districts, post-World War II subdivisions, and historic bridges.

### **Professional Summary**

An expert in the history and development of bridges, Mr. Kuncio played a key role in statewide historic bridge inventories in Delaware and Pennsylvania. For the Pennsylvania Statewide Comprehensive Historic Highway Bridge Survey, he co-authored historic contexts on highway and railroad development, helped develop the Criteria for Evaluation used to assess the historic and technological significance of each bridge, and field surveyed more than 1,300 bridges. Currently, Mr. Kuncio is Principal Investigator on a bridge management plan for stone arch bridges in eastern Pennsylvania, the first step in developing management plans for Pennsylvania's extensive collections of historic bridges.

Recent or current projects of note include spearheading the survey and analysis of the National Register of Historic Places eligibility of the 470-mile Pennsylvania Turnpike system; preparing "creative mitigation measures" such as a walking tour brochure of Tunkhannock, Pennsylvania and a wayside interpretive panel for a bridge replacement project; and overseeing all historic resource investigations for the 48-mile-long Pennsylvania High-speed Maglev corridor. He also serves on task forces in Pennsylvania and Delaware developing evaluation standards for post-World War II residential subdivisions.

Other areas of expertise include railroad, industrial, and labor history. As Chief Curator of the B&O Railroad Museum in Baltimore, Mr. Kuncio planned, researched, and developed one major new exhibit and numerous temporary exhibits on railroad and social history. He has participated in preservation planning teams for a coal and coke resource analysis, the iron and steel industry, and the aluminum industry. With HAER, Mr. Kuncio documented the National Tube Works in McKeesport, a part of the once-thriving Pittsburgh steel industry.

Additionally, he has served as field liaison between the Pennsylvania Historical and Museum Commission and the America's Industrial Heritage Project. Duties included providing technical assistance to the National Register program in a 12-county area, historical research and preservation planning, including a key role in developing the interpretive plans for the Allegheny

Ridge and National Road State Heritage Parks. Mr. Kuncio has authored a wide variety of National Register and National Historic Landmark nominations on topics as diverse as coal patch towns, mineral springs resorts, the Bost Building (a key building in the 1892 Homestead Lock-Out), and historic farms. He has also produced scholarly papers on railroads, coal mining, and bridge building. Additionally, Mr. Kuncio has developed curricula in public history and historic preservation and served as an adjunct faculty member and lecturer at colleges in Pennsylvania and Maryland. He has also appeared as a commentator on the television show *Modern Marvels*.

**Christopher T. Espenshade**  
**Cultural Resource Specialist**  
**Archaeologist**

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## **Education**

M.A., Anthropology, University of Florida, 1983  
B.A., Anthropology, Wake Forest University, 1979

## **Technical Specialties**

Mr. Espenshade has over 20 years of experience in the archaeology of the eastern United States and the Caribbean, including specialized expertise in the following:

- Ceramic Technology
- Archaeology of Slave Communities
- Civil War Archaeology
- Shell Midden Studies
- Pre-contact Archaeology
- Rural Industry

**Ceramic Technology.** Mr. Espenshade received graduate training in ceramic technology, and his thesis reconstructed household pottery-making by Native Americans of the St. Johns region of Florida. He has conducted major pottery analyses for sites in Florida, Puerto Rico, Georgia, Louisiana, South Carolina, North Carolina, West Virginia, and Pennsylvania. Mr. Espenshade has studied the full temporal range of American pottery, from the fiber-tempered Stallings ware (ca. 2,500 B.C.) to folk stoneware from the mid-nineteenth to early twentieth century. He has conducted detailed stylistic, technological, and experimental studies of pottery. Mr. Espenshade has also produced pottery replicas for use in museum exhibits and experimental archaeology. He has published on pottery in the journals *American Antiquity*, *Journal of Caribbean Archaeology*, *Journal of Middle Atlantic Archaeology*, *Early Georgia*, and *African-American Archaeology*, and in the edited volumes, *Ceramics in America 2003*, *Ceramics in America 2004*, *Pottery of the Carolinas* and *African Impact on the Material Culture of the Americas*.

**Archaeology of Slave Communities.** Mr. Espenshade supervised Phase III investigations at four slave communities in coastal South Carolina. He was the Principal Investigator for the creation of an antebellum historic context and archaeological survey on Parris Island Marine Corps Base. Mr. Espenshade is known for his technological analyses of slave-made pottery. Mr. Espenshade has addressed slave archaeology in *African-American Archaeology* and the edited volume, *African Impact on the Material Culture of the Americas*. He co-authored an article on slave pottery in *North American Archaeologist*.

**Civil War Archaeology.** Mr. Espenshade has supervised investigations of a broad range of Civil War sites. He was the Principal Investigator for the Phase III study of Camp Baird, the autumn 1864 encampment of the 32<sup>nd</sup> USCI. He supervised research at the Folly Island Batteries and Battery Campbell. Mr. Espenshade discovered and evaluated the Reserve Line fort and earthworks of the Chattahoochee River Line. He examined the core portion of the battlefield of the Battle of New Hope Church, and he investigated a Federal picket post on Hilton Head Island. In 2002, he co-authored an article on methods for finding and evaluating Civil War sites, in the journal *North American Archaeologist*.

**Shell Midden Studies.** Mr. Espenshade has supervised more than 12 major shell midden investigations in Florida, South Carolina, and North Carolina. These middens ranged from two-meter thick deposits at Minim Island to single-visit loci at Colleton River. Temporally, the sites spanned from the Late Archaic through the Antebellum periods. Mr. Espenshade was a featured presenter at the 1994 South Carolina Conference on Shell Midden Archaeology.

**Pre-contact Archaeology.** Mr. Espenshade is well versed in the pre-contact archaeology of the eastern United States and the Caribbean. He has supervised more than 15 major Phase III investigations including; an Early Ostionoid hamlet in Puerto Rico; a 3-meter deep, stratified Early Archaic through Mississippian site in Georgia; a contact period Native American farmstead in northeastern Louisiana; and a Late Woodland village at Cape Island, North Carolina. Mr. Espenshade has specialized expertise in the analysis of pre-contact pottery. Mr. Espenshade has written on pre-contact archaeology in *American Antiquity*, *Journal of Caribbean Archaeology*, *Journal of Middle Atlantic Archaeology*, *Early Georgia*, and *West Virginia Archeology*.

**Rural Industry.** Mr. Espenshade has supervised research into a broad range of rural industrial sites. He has examined stoneware and earthenware pottery shops in Georgia and Virginia. Mr. Espenshade was the Principal Investigator on four studies of water-powered mills in Georgia. He has also examined turpentine stations, brick kilns, tar and charcoal kilns, illicit distilleries, a cotton gin and seed oil complex, a nineteenth century blacksmith shop, and a Puerto Rican coffee *finca*. He has written on rural industry in *Early Georgia*, *Ceramics in America 2003*, and *Ceramics in America 2004*.