

# **APPENDIX E**

## **PERSONNEL QUALIFICATIONS**

**BARBARA J. GUNDY, PH.D., R.P.A.**  
**Assistant Vice President, Cultural Resources Manager**



**EDUCATION:**

Ph.D., Anthropology, 1993,  
University of Pittsburgh

M.A., Anthropology, 1985,  
University of Pittsburgh

B.A., Anthropology, 1981,  
Kutztown State College

**PROFESSIONAL  
REGISTRATIONS AND  
CERTIFICATIONS:**

Register of Professional  
Archaeologists

**YEARS OF EXPERIENCE:**

25 Years

Dr. Gundy is an Assistant Vice President who serves as the Cultural Resources Service Group Manager at Skelly and Loy, Inc. and is in overall charge of personnel, scheduling, technical aspects, and inventory needs of the service group. She manages a staff of 10+ archaeologists, historians, and support personnel including task assignments and allocation of resources. She performs QA/QC review of technical and business/administrative documents as well as develops marketing strategies and prepares technical and cost proposals, qualifications, and Letters of Interest.

**PROFESSIONAL EXPERIENCE**

Dr. Gundy has extensive participatory and supervisory experience in all types of cultural resources studies. She has served as Principal Investigator on hundreds of projects for federal, state, and local governmental; tribal; and private clients throughout the Mid-Atlantic and Pacific Northwest including the states of Delaware, Idaho, Maryland, Montana, New York, Ohio, Oregon, Pennsylvania, Utah, Washington, and West Virginia. She has 25 years of supervisory experience including three years as the director of a university cultural resources management program. In addition, Dr. Gundy is delegated by PennDOT as a Cultural Resources Professional (Archaeology) to aid their Engineering Districts with cultural resource compliance.

The projects with which Dr. Gundy has been associated 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. Major pre-contact period archaeological investigations which she has supervised include data recoveries at 36CE466, a pre-contact period lithic scatter representative of either a seasonally occupied camp or a procurement or special purpose site in Centre County, Pennsylvania; 46MR114, a Woodland site located in Marshall County, West Virginia; 46MS305, a Woodland rockshelter located in Mason County, West Virginia; several Fremont sites located in Emery and Sevier Counties, Utah; at 33LI386, an Archaic and Woodland multicomponent site in Licking County, Ohio; and at 46CA426, an Olcott and Locarno Beach period multicomponent site located on the Olympic Peninsula in Washington.

Major historic period archaeological projects which she has supervised include excavations of the Mansion Pottery Site, a nineteenth-century industrial yellowware manufacturer located in East Liverpool, Ohio; the Mustill Site, a general store associated with the canal era located in Akron, Ohio; a Union prison for Confederate Officers located on Johnsons Island, Lake Erie, Ohio; a brickwork, orphanage, and church located in the Crawford Roberts Development area of Pittsburgh, Pennsylvania; and the Little Kiln Site, a farmer-potter site located in Mercer County, Pennsylvania. In addition, Dr. Gundy has completed archaeological site location predictive models for areas of Delaware, Maryland, Pennsylvania, and West Virginia.

Dr. Gundy has also accomplished numerous Phase I archaeological surveys and Phase II testing projects on prehistoric resources identified in Idaho, Ohio, Oregon, Pennsylvania, Washington, and West Virginia. Dr. Gundy has authored and presented papers and posters at various professional meetings, including the Society for Historical Archaeology, the Society for American Archaeology, the Transportation Research Board, the Mid-Atlantic Archaeological Conference, and the Society for Pennsylvania Archaeology as well as participated in educational public historic and archaeology programs for both students and adults. She is a member of the Register of Professional Archaeologists and several regional and national archaeological and historic preservation organizations.

BARBARA J. GUNDY, PH.D., R.P.A., Assistant Vice President, Cultural Resources Manager



**EDUCATION:**

M.A., Anthropology, 2008,  
University of Pittsburgh

B.A., Anthropology, 2001, The  
Pennsylvania State University

**YEARS OF EXPERIENCE:**

5 Years

Ms. Smoker Schumer is a Principal Investigator at Skelly and Loy, Inc., and is involved in the designing, conducting, and reporting of archaeological investigations to Section 106 Standards including the supervision and coordination of field and laboratory crews, equipment, and logistics. She assists in writing proposals to acquire new work and to market Skelly and Loy to new and existing clients. She is involved in developing methodology and research designs for all types of archaeological projects. She coordinates and assists clients with their regulatory compliance needs while interacting with state and federal regulatory agencies and curation facilities.

**PROFESSIONAL EXPERIENCE**

Ms. Smoker Schumer has participatory and supervisory experience in both prehistoric and historic period archaeological studies. Since joining the Skelly and Loy team in 2009, she has served as principal Investigator on several projects, for federal, state, and local government as well as private clients in Pennsylvania and West Virginia. She has previously held supervisory roles on projects in Pennsylvania, New York, and also in the Lurin Valley of Peru.

The projects which Ms. Smoker Schumer has been associated with range from large-scale data recoveries to archaeological testing and survey, to literature searches, and include resources associated with both the pre-contact and historic periods. Pre-contact period archaeological investigations in which she has assisted include excavations at site 36CE351, a pre-contact period lithic scatter representative of either a seasonally occupied camp or a procurement or special purpose site in Centre County, Pennsylvania; the Parker Farm and Carmen sites, two Late Woodland to protohistoric Cayuga village sites near Ithaca, New York; and the Hershey Site, a contact period Susquehannock village in Lancaster County, Pennsylvania. Ms. Smoker Schumer has also accomplished numerous Phase I archaeological surveys and Phase II testing projects on prehistoric resources identified in Pennsylvania and West Virginia.

Major historic period archaeological projects which she has assisted in supervising include excavations of the Ephrata Cloister Site, an eighteenth-century religious community site and National Historic Landmark located in Ephrata, Pennsylvania, and the Decker Site, a sawmill and millrace site located in Mehoopany, Pennsylvania. She also has assisted in the curation preparations for extensive colonial period assemblages from excavations at Market Street in Philadelphia.

Ms. Smoker Schumer has authored and presented papers and posters at various professional meetings, including the Mid-Atlantic Archaeological Conference, the Eastern States Archaeological Federation, and the Society for Pennsylvania Archaeology, as well as participated in educational public historic archaeology programs for both students and adults. She is a member of several regional and national archaeological organizations.



**EDUCATION:**

B.A., Anthropology, 1987,  
University of North Carolina

**YEARS OF EXPERIENCE:**

23 Years

Mr. Henderson is an archaeologist with 23 years of experience in the field of Cultural Resource Management and is Skelly and Loy, Inc.'s Senior Field Supervisor. He is a skilled field and lab technician as well as a field and laboratory supervisor who has experience in all phases of archaeological research. He has worked on projects that included both pre-contact and historic period resources for private and governmental clients in the eastern United States. His archaeological field experience ranges from Phase I surveys to full-scale Phase III data recoveries and other types of mitigations, while his laboratory experience ranges from artifacts processing through analysis to curation.

**PROFESSIONAL EXPERIENCE**

Since joining Skelly and Loy in 1994, Mr. Henderson has been involved in many aspects of the Section 106 process. In the role of field supervisor, he has directed over 100 Phase I, II, and III archaeological investigations in Pennsylvania, West Virginia, New York, and Delaware; has performed all of the required coordination with subcontractors (e.g., backhoe operators, geomorphologists, etc.), hotels, field crew, and supervisors; has processed and analyzed both pre-contact and historic period cultural assemblages in the laboratory; and has coordinated consultation with clients, landowners, and sponsoring agencies for and during artifact transfer and curation.

Mr. Henderson served as the field director for the S.R. 0015 road Improvement project in Tioga County, Pennsylvania. This project was a large, multi-year, multi-component archaeological investigation featuring the excavation of three separate pre-contact period sites each with numerous cultural features including hearths, pits, houses; and over 147,000 artifacts. Mr. Henderson supervised all of the archaeological field work as well as the processing and curation of the artifacts for the project. This process often involved the direction of up to 40 field technicians simultaneously over a period of several years.

Examples of other projects on which Mr. Henderson has played a key supervisory role include the archaeological investigations of the Bridge 918 replacement project in Sussex County Delaware, which involved the close coordination of archaeology excavations during bridge demolition and construction. Due to the innovative methods used during the archaeological research and the successful completion of the project, it was nominated for the 2008 Project of the Year by the Delaware Department of Transportation. Mr. Henderson has also supervised archaeological investigations on numerous Pennsylvania Department of Transportation and West Virginia Division of Highways projects across both states. Examples of these DOT projects include Phase I archaeological survey for the Mehoopany Bridge Replacement in Wyoming County, Pennsylvania; Phase I archaeological survey for the Buffalo Creek Bridge Replacement in Perry County, Pennsylvania; and Phase I archaeological survey and Phase II testing for the Buffalo Run Bridge Replacement in Pocahontas County, West Virginia. As part of an open-end contract with the U.S. Army Corps of Engineers, Pittsburgh District, Mr. Henderson supervised Phase I survey and Phase II testing projects located in Allegheny and Forrest Counties, Pennsylvania. Most recently, Mr. Henderson supervised archaeological investigations for the Norfolk and Southern Railway Company's Franklin County Regional Intermodal Facility, Pennsylvania.



**EDUCATION:**

B.S., Anthropology, 1997,  
Mercyhurst College, Erie,  
Pennsylvania

**YEARS OF EXPERIENCE:**

12 Years

Mr. Papinchak is a professional archaeologist with more than 12 years of experience in his field as a technician and field supervisor. He has been associated with projects sponsored by private and governmental agencies across the eastern United States. His experience ranges from field survey reconnaissance to full-scale archaeological site documentation and data recovery.

**PROFESSIONAL EXPERIENCE**

Since joining Skelly and Loy, Inc. in 1997, Mr. Papinchak has been involved in many phases of the Section 106 process. He has a diverse range of technical experience, being thoroughly familiar and proficient in archaeological excavation and recordation, application of various state and curatorial facility guidelines, and all aspects of cultural resource management. Some of his responsibilities as a field supervisor include coordination, training, and daily management of field crews; communication and coordination with associated specialists (e.g., geologists, geomorphologists), subcontractors, landowners, clients, and Principal Investigators; logistics (e.g., hotel, vehicles) coordination; and tracking field labor and expenses as well as project scheduling. He has also authored field portions of project reports for which he directed and supervised the field and/or laboratory research.

Mr. Papinchak has served as the field supervisor for several bridge replacements throughout Pennsylvania as well as multiple highway corridors such as the South Valley Parkway, Luzerne County, Pennsylvania; the Central Susquehanna Valley Transportation Project, Snyder, Union, and Northumberland Counties, Pennsylvania; as well as the U.S. Route 35 Project, Putnam and Mason Counties, West Virginia. Another archaeological project on which Mr. Papinchak has played a major supervisory and management role is the Data Recovery at the Threemile Creek Rockshelter (46MS305). This NRHP-eligible site dates to the Woodland and Late Prehistoric periods and yielded intact cultural deposits, including cultural features such as hearths and burials which contained over 10,000 artifacts of flaked stone, bone, and ceramic as well as floral and faunal remains.

Mr. Papinchak has contributed to archaeological services for the U.S. Army Corps of Engineers (Allegheny and Forest Counties, Pennsylvania), Norfolk Southern (Franklin County, Pennsylvania), Boyce Mayview State Hospital (Allegheny County, Pennsylvania), and the Kawneer Company Inc. (Columbia County, Pennsylvania). He also has experience in the field of Forensic Anthropology and assisted in the identification, documentation, and recovery of human remains from various crime scenes in western Pennsylvania between 1994 and 1997. He also helped to train Pennsylvania state and municipal police officers in the use of updated forensic methods for crime scene investigations.