



The Society for Pennsylvania Archaeology, Inc. Newsletter Fall 2020

President's Message

I write to you as the COVID-19 pandemic continues to alter plans, cancel events, and forces us to adapt to social distancing and other necessary precautions. The optimism of the spring newsletter has turned much more tentative as schools and college campuses struggle to reopen; it seems that the nation is downright apprehensive in one of the most politically polarized election years to date. Societal tensions in the U.S. are boiling over as the nation comes to grips with structural racism and inequality exposed by the pandemic and police violence. Unfortunately, the current **administration's proposed changes to the National Environmental Policy Act (NEPA) would dramatically reduce consideration of cultural resources on infrastructure projects; no doubt, this Executive Order instructs the President's agencies to circumvent conservation laws.**

During quarantine, we acknowledged the passing of two of Pennsylvania's finest archaeologists—first Steve Warfel on May 14, and then Paul Heberling on June 25. Steve was a tireless agent for the PHMC—serving as State Curator and conducting extensive fieldwork at Fort Loudon, Ephrata Cloister, Fort Morris, and Camp Security. Paul taught for many years at Juniata College and then Co-founded Heberling Associates, earning a reputation for impeccable reports—his legacy in Huntingdon County includes early work at Sheep Rock Shelter and later at Greenwood Furnace where he ran a **kid's camp to inspire the next generation of archaeologists.** They were both such patient and inspiring mentors and advocates for Pennsylvania archaeology. Along with Dr. Barry Kent, they leave us wiser for their research and service to our community.

What can we, the SPA, do about any of this? We can stay connected and continue to share in our common passion for Pennsylvania Archaeology—while crossing our fingers that we will be able to meet in Ligonier this coming April. We can ask ourselves how we might facilitate more participation in our society by minority populations whose voices and perspectives would breathe life into our discourse. As far as threats to the protections for cultural resources, we need to make our votes count in November. Lastly, we can honor the passing of our beloved sages by continuing to carry out the **SPA's mission of advocacy** for Pennsylvania archaeology and to foster the exchange of information between professional and avocational archaeologists. I hope to see you all soon, in person—until then, I wish you well and to do good work.

Dr. Jonathan A. Burns

Members Please Note: SPA Membership dues increase in 2021

Memberships for 2021 will increase by \$5.00 per category

while the student rate was capped at \$22.00.

Out of country memberships increased by an additional \$15.00 due to postage increases.

The increase was approved at the November 2019 Board of Directors Meeting.

Increases are effective for 2021 and beyond.

Membership forms will be mailed and available on the SPA website.

In Memoriam

Steven G. Warfel



Quote from Steve;

"I've always had an interest in history, but I never realized how much fun it could be until I participated in my first excavation as a college student. Archaeology is fascinating because it involves true detective work and problem-solving. It also provides a perspective on the past which is not solely dependent on documentary sources."

Former Senior Curator and archaeologist, Steven G. Warfel passed away on May 14, 2020. We have lost a friend, a colleague, and a talented archaeologist far too soon. Steve made significant contributions to archaeology, but his greatest joy and his legacy is as an educator and mentor to many archaeologists. **Steve's patience and understanding** of others was immeasurable and his passion for archeology was quickly bestowed upon

countless students, volunteers, and colleagues.

Steve's career in archaeology began at Franklin & Marshall College (F&M) (1967-1971) in Lancaster, PA. A summer field school at the Strickler site (36La3) under the direction of Barry Kent of the Pennsylvania Historical and Museum Commission (PHMC) led to a lifetime friendship. Steve continued to work with Barry and multiple excavations in the lower Susquehanna River Valley before graduation. Research at these Late Woodland/ Contact period Susquehannock sites provided a remarkable foundation for Steve's career. **Steve attended Brown University and was hired in 1980** almost immediately upon graduation by the PHMC. He worked under Barry in the Curatorial Division of the then William Penn Memorial Museum, now The State Museum of Pennsylvania.

Steve's first field project was at the French & Indian War period site Fort Loudoun(36Fr107). The excavation of successfully located the stockade erected around the fort and two subsequent investigations yielded the original fortified home of Matthew Patton's house and the fort's well. This investigation yielded some of the best evidence of frontier fort life and material culture. No map or plan of the fort was known to exist, and the results of this investigation provided a square stockade trench, a twelve-foot wide gate and triangular platform-like bastions on each corner. Additional evidence included three interior buildings, a stone lined drain and the fourteen-foot- deep-stone lined well. This investigation provided a "picture" of the fort which enabled the local community to re-create the fort and share their heritage. **Steve's research of this site and other French & Indian War period sites** continued throughout his career with his investigations at Fort Augusta (36Nb71), Fort Franklin(36Sc47) and Fort Morris (36Cu202). His thorough research and analysis of fort construction, artifacts recovered, and dietary habits have been valuable tools for others conducting research at F&I War period forts.

Steve conducted investigations at numerous PHMC sites throughout his career, many were conducted in association with field schools. Investigations at the Joseph Priestley House and Laboratory site (36Nb70) in 1986 included James

Herbstritt (field director), David Anderson and Jonathan Bream and in 1992 with Penn State University included future archaeologists Andrew Wyatt, John Wah and Jonathan Burns.

Archaeology at the Joseph Priestley House produced broken fragments of laboratory test tubes that contained residues directly linking their use to testing Priestley was conducting relative to his discovery of oxygen before immigrating to Pennsylvania from England. These tubes are the tangible evidence of the activities of Priestley and an important **contribution to the interpretive story at this historic site. This is but one example of a site that benefitted from Steve's** expertise in uncovering the archaeological record and enhancing or correcting the historic interpretation.

Ephrata Cloister (36La981) benefitted from eleven years of research by Steve. Field schools were conducted every year and included future archaeologists Lisa Lauria, Ben Luley, David Burke, Kristen Montaperto, Jessica Howard, Andy Kuder, Maria Galban and Lydia Garver to name a few. His meticulous excavation and analysis of artifacts have forever left an indelible mark on the story of this German religious community. The discovery of the first communal structure (1735), the first prayer house (1736), a 1739 prayer house on Zion Hill, and a 1738 dormitory built for celibate Brothers that was later used by the Continental Army as a hospital have contributed to the interpretation of communal life. The artifacts which number in the thousands yield evidence of activities contradictory to the historic record. Plain red earthenware pottery vessels with personal initials scratched through their finished surfaces, indicate not all property was shared or held in common as previously assumed. The volume of animal bone recovered indicated consumption greater than permitted by the religious doctrine and thus the evidence provides a picture of people and daily life based on archaeological findings.

Steve served as President of the Society for Pennsylvania Archaeology in 1985 and as shared by Judy Duritsa, took the lead in securing a path for the Society to remain solvent. Steve encouraged staff attendance and participation in the SPA, identifying it as valuable training for staff. Steve also identified the need to share information with members on curation and care of their collections, encouraging good stewardship and preservation of our archaeological heritage.

Steve's retirement from the PHMC in 2007 allowed him to choose the archaeological projects he researched and multiple sites in the Harrisburg area benefitted from Steve's expertise. As mentioned previously he investigated Fort Morris in Shippensburg. Here he was able to locate evidence of foundations and supplies used by the troops stationed here and correct conflicting documents as to the site location.

In 2009 Steve returned to the site of a Revolutionary War period (1781-1783) prison camp in York County. The site, Camp Security (36Yo46) had been previously recorded by Barry Kent and Steve had participated in early efforts to discover foundations or artifact concentrations relative to the site, but none had proven successful. Threatened by development and supported by local citizens to preserve the site, Steve researched archival records, interviewed local residents and employed new investigative techniques in his search for physical remains of the camp. Unfortunately, no foundations were discovered **during Steve's tenure at the site, but he identified a testing strategy for others to continue this research.**

Steve's passion for archaeology and his willingness to share his knowledge with students, volunteers and colleagues is a lasting legacy. His contributions to archaeology go well beyond the countless publications and presentations he made over his nearly fifty years in the field. Steve loved life and people, he enjoyed interacting with young and old and he **wanted others to experience the "fun" in archaeology. The archaeologists who trained with him learned methodology**

and discipline, kindness and respect and above all a willingness to share their knowledge and appreciation of our archaeological past with others.

John M. Zavinski Jr. of North Warren, passed away Sunday afternoon, July 12, 2020, in UPMC Hamot, Erie, Pa., after a brief illness. He was 85. Only those of us who have been around for a number of years will remember John but he was very active for a long time in the Society's middle age. He was awarded the Archey Award in 1969 and helped with



keeping the finances straight in the earlier times.

John had a 43-year career with Warren National, Marine Bank and PNC Bank, ending with retirement from PNC in 1996, as vice president and area manager in Bradford. John married the former Sylvia G. Johnson of Warren who survives.

An amateur archaeologist, John was a field associate of the Carnegie Museum of Pittsburgh, was a founding member of the Kinzua Chapter of the Society for Pennsylvania Archaeology and a former state officer. He took part in archaeologist digs in the Kinzua Valley in the summers while the Kinzua Dam was being built and at rock shelters and other area sites. He often could be found looking for artifacts by walking the shores when the reservoir was low or in freshly plowed field after a good rain. He presented countless slideshow talks on archaeology to local clubs and at state conferences and helped the local society publish journals with their findings.



Paul M. Heberling May 18, 1922-June 25, 2020 Paul M. Heberling, 98, passed away peacefully on June 25, 2020, Huntingdon, Pennsylvania. Paul earned undergraduate and graduate degrees at The Pennsylvania State University and served in the U.S. Army Air Corps during World War II. He was staff psychologist at the State Penitentiary at Huntingdon and director of treatment at Rockview State Penitentiary from 1949 to 1957. During this period he served as manager of the Huntingdon Community Center, chairman of the local Red Cross chapter, and other civic positions. In 1957 he became Dean of Men and psychology professor at Juniata College, moving a few years later to the Sociology Department. In teaching he found his true calling and in Juniata College his new home.

Dean Heberling developed a deep respect and affection for students and faculty at Juniata and developed innumerable relationships that lasted for the rest of his life. He advised the student government organization and coached the debate and ice hockey teams. In 1967 he launched the archaeology and anthropology program at Juniata and in 1969 was named Beachley Distinguished Professor. He worked at the Sheep Rock Shelter Site and directed excavations and surveys at archaeological sites throughout the Juniata Valley and beyond. For over 25 years Paul conducted a long-term archaeological study at Greenwood Furnace State Park, involving college field schools and the general public. Later he assisted in running youth archaeology camps at the Park for many years. In 1985 Paul founded the cultural resource management firm Heberling Associates, Inc. and remained actively involved with the firm until his death. He retired from Juniata College in 1989 but remained closely connected with the Juniata community in many ways. He served on the Pennsylvania Historic Preservation Board and the board of Preservation Pennsylvania, which presented him with its highest honor, the F. Otto Haas Award, in 2014. He was a tireless advocate for archaeology and historic preservation. Paul was a dynamic and gifted public speaker who presented hundreds of talks about archaeology and local history to heritage groups, civic organizations, and school groups throughout the Juniata Valley.

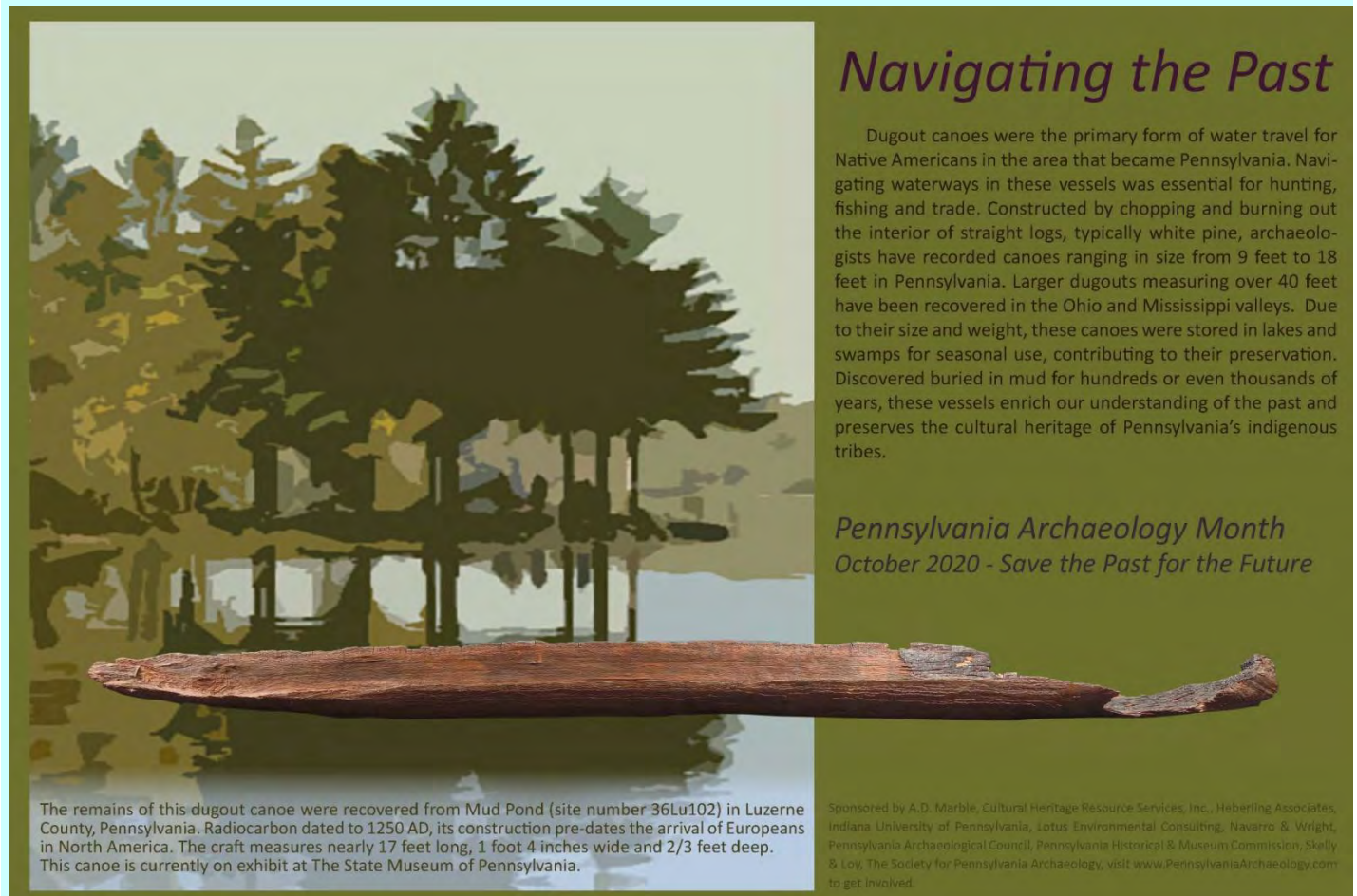
CHARLES H. "CHUCK" SEKERA



On Friday, September 25, 2020, of Forest Hills, age 90. Beloved husband of over 60 years of the late Clorinda D. Sekera. Chuck was a proud Sergeant Tank Commander in the United States Army. He worked as a Draftsman at Westinghouse Research and Technology Center in Churchill for over 40 years. In retirement, he enjoyed Trick Roping at Kennywood Park where he was known as "Cowboy Chuck". He also enjoyed archeology and was the past president of the Western PA Archeology Society. He was loved by all and will be sadly missed.

Chuck was the long time member of the SPA, past president of Chapter #23 Westmoreland and a member of Allegheny #1. He worked on many sites in Western Pennsylvania with local chapters and with The Carnegie.

ARCHAEOLOGY MONTH 2020



Navigating the Past

Dugout canoes were the primary form of water travel for Native Americans in the area that became Pennsylvania. Navigating waterways in these vessels was essential for hunting, fishing and trade. Constructed by chopping and burning out the interior of straight logs, typically white pine, archaeologists have recorded canoes ranging in size from 9 feet to 18 feet in Pennsylvania. Larger dugouts measuring over 40 feet have been recovered in the Ohio and Mississippi valleys. Due to their size and weight, these canoes were stored in lakes and swamps for seasonal use, contributing to their preservation. Discovered buried in mud for hundreds or even thousands of years, these vessels enrich our understanding of the past and preserves the cultural heritage of Pennsylvania's indigenous tribes.

*Pennsylvania Archaeology Month
October 2020 - Save the Past for the Future*

The remains of this dugout canoe were recovered from Mud Pond (site number 36Lu102) in Luzerne County, Pennsylvania. Radiocarbon dated to 1250 AD, its construction pre-dates the arrival of Europeans in North America. The craft measures nearly 17 feet long, 1 foot 4 inches wide and 2/3 feet deep. This canoe is currently on exhibit at The State Museum of Pennsylvania.

Sponsored by A.D. Marble, Cultural Heritage Resource Services, Inc., Heberling Associates, Indiana University of Pennsylvania, Lotus Environmental Consulting, Navarro & Wright, Pennsylvania Archaeological Council, Pennsylvania Historical & Museum Commission, Skelly & Loy, The Society for Pennsylvania Archaeology, visit www.PennsylvaniaArchaeology.com to get involved.

There are numerous websites where you can find further information about archaeology in Pennsylvania.

- [Pennsylvania Archaeological Council](#)
- [Pennsylvania State Historic Preservation Office](#)
- [Pennsylvania Historical and Museum Commission / PennsylvaniaArchaeology.com](#)

SAVE THE PAST FOR THE FUTURE

THE STATE MUSEUM

This October during Archaeology month, the State Museum of Pennsylvania, Archaeology Section will present a virtual Learn at Lunchtime speaker series focusing on **The Delaware Indians: Then and Now.**

Over 12,000 years ago at the Shawnee-Minisink site in Pennsylvania, the first people in the Delaware Valley left behind stone tools, evidence of their existence, in the archaeological record. It is not known when the Delaware Indian culture/language group began to develop/emerge within the region. The Delaware culture may have very old roots in the region, or it may be the result of a migration of people into the region within the past several millennia.



Tish-co-han

Fast forward to 500 years ago. The historic Lenape, also called the Leni Lenape, Lenni Lenape and Delaware people lived year-round in matrilocally organized hamlet communities and villages ranging from the Delaware and Lower Hudson River Valleys to the Atlantic Coast. In 1638, one of the first recorded land treaties was negotiated for the settlement of New Sweden between five Lenape chiefs and Peter Minuit of Sweden for a tract of land approximately seventy-seven miles long in the Lower Delaware River. By the 1700s, European colonial encroachment had displaced

almost all Lenape from their native lands. Most remaining Delaware tribe members living in the United States were pushed further west, eventually to Indian Territory, now Oklahoma, under the Indian Removal Act in the 1860s.

Please join us in an educational series to learn more about the cultural history of the Native people of the Delaware Valley and where they are today.

The four presentations will cover the archaeological evidence of the evolution of Native American culture in the Delaware Valley. Our notable speakers will address the issue of possible origins; the history of the Delaware and their interactions with Europeans; the nature of Delaware culture today and their plans for the repatriation of Delaware human remains and sacred objects.

1) **Friday, October 2 *The Prehistoric Archaeology of the Upper Delaware***

Dr. Roger Moeller, Archaeological Services

This presentation will identify the Paleoindian, Archaic, Transitional, and Woodland periods at specific archeological sites with their artifacts, excavation and analytical techniques, and major findings. Given major advances in technology, the potential for future research questions will be detailed and discussed.

2) **Friday, October 9 *The Contact Period in New Jersey: An Archaeological Perspective***

Dr. Gregory D. Lattanzi, Curator, New Jersey State Museum

New Jersey has long benefited from being an early player in the field of contact period archaeology. Starting in the early decades of the 16th century, New Jersey's Original People bore witness to the arrival of countless immigrants - the Swedes, Dutch and English, all who claimed religious and political authority over a land that was not theirs. Through this clash of cultures, we are fortunate to have documentary, archaeological, and ethnographic resources from which to reconstruct many vignettes. When strung together along with understanding the many contextual issues, we hope individual scenes provide a clearer picture of Native American life.

3) **Friday, October 16 *History of the Delaware Indians in the Middle Atlantic Region.***

Dr. Jean Soderlund, Professor of History Emeritus, Lehigh University

As Dutch, Swedes, Finns, and English arrived in the region that became Pennsylvania, Delaware, and New Jersey during the seventeenth century, Lenape's sought reciprocal relationships for trade and mutual alliance. They remained a sovereign people, protecting personal and religious liberty, while avoiding violence when possible through peaceful conflict resolution.

4) **Friday, October 17 *The Delaware Indians - Where they are now?***

Dr. Brice Obermeyer, Director, Delaware Historic Preservation

Lenape Relocation Histories: Understanding the Lenape Diaspora

This workshop will focus on the events and factors that led to the multiple removals of most Lenape people from the Delaware Valley. An emphasis will be placed on the factors that pushed and pulled the Lenape out of the region to their current locations throughout the United States and Canada. The workshop will make regular use of digital maps to follow the multiple Lenape migrations west over time and to discuss the impact of these relocations in the past and today.

Presentations will start at 12 Noon with a brief introduction given by Dr. Kurt Carr, Sr. Curator of Archaeology and the featured speaker will last approximately 20 minutes with time for question and answer. **Sessions will be presented over Zoom and are free, but registration is required.** Once registration is complete attendees will receive an attendance link and password for all of the sessions listed.

Please register for this free program at <https://www.paheritage.org/2020-virtual-archaeology-workshops.html> . Follow [The State Museum/News \(http://statemuseumpa.org/news/\)](http://statemuseumpa.org/news/) for up-to-date programming information.

PAC NEWS Hannah Harvey, MA, RPA, PAC Secretary-Treasurer www.pennarchcouncil.org

We are thrilled to announce that PAC is hosting a virtual speaker series during Archaeology Month this year! We'll be highlighting a sample of research projects conducted by PAC members in recent years. Please share this information with any friends, colleagues, and students who might be interested.

These events will be held on Zoom each Wednesday during October. Registration is required, but the presentations are free and open to the public. See below for more details:

October 7 - 6:30 pm

Dugout Canoes in Pennsylvania

Kurt Carr, PHMC

Join archaeologists from the State Museum of Pennsylvania as we learn about dugout canoes, the theme of this year's Archaeology Month poster. Dugout canoes were the primary form of water travel for Native Americans in the area that became Pennsylvania. Navigating waterways in these vessels was essential for hunting, fishing and trade. Due to their size and weight, these canoes were stored in lakes and swamps for seasonal use, contributing to their preservation. Discovered

buried in mud for hundreds or even thousands of years, these vessels enrich our understanding of the past and preserves the cultural heritage of Pennsylvania's indigenous tribes.

Registration link: https://us02web.zoom.us/meeting/register/tZEvcuyhristE9yX_GF5BkDLVoa0bSdZmQ8K

October 14 - 6:30 pm

Identity in the Late Woodland Northeast: Interpreting Communities of Practice from Paste Composition at the Thomas/Luckey and the Losey 3 Sites

Doug Riethmuller, Markosky Engineering Group, Inc.

Thomas/Luckey's 13th -15th and Losey 3's 14th-17th century occupations in the Late Woodland Northeast contain assemblages with incongruous regional pottery types; Kelso Corded and an assumed non-local Shenks Ferry. The presence of Shenks Ferry vessels at these two sites indicates the movement of people who reproduced their natal designs upon arrival, rather than trade. The question of whether identity and communities of practice can be discerned from pottery decorations and paste was answered by analyzing sherds with pXRF. While pottery types are based on visual attributes, pXRF looks at elemental composition. Decoration is mimicable, but paste is not; paste accurately illustrates a vessel's origin. Cultural groups are not static entities, and internal development or outgroup interaction indicates change. Communities of practice recreate themselves in a new environment and in relation to others. The results of this analysis add new depth to conceptions of group movement and identity construction.

Registration link: <https://us02web.zoom.us/meeting/register/tZUpd--hqTwiHN0JNuggccznJVADR38AhTbA>

October 21 - 6:30 pm

Carroll Cabin: Advocating for the House on a Hill

Kate Peresolak, McCormick Taylor

The Carroll Cabin is a late eighteenth/early nineteenth-century hand-hewn log home located on the Forbes State Forest in Fayette County, Pennsylvania. Thesis research on this historic resource revealed that it is among the oldest extant homes in Southwestern Pennsylvania and an important connection between the past and present. Several methodologies were used to build a context of the historic property and archaeological site for the Department of Conservation and Natural Resources (DCNR), and involvement by the former private owners added a richness to the research. It was the perfect project for someone who treasures public archaeology and outreach. A recent article in Pennsylvania Heritage on this research enabled even greater outreach and advocacy for the now-stabilized house on a hill.

Registration Link: https://us02web.zoom.us/meeting/register/tZMld-ugpiMpGdTXaNIISKITr8IY_fci3IPZq

October 28 - 7:00 pm

Expanding the Narrative by Linking the Past to the Present at Pandenarium

Angie Jaillet-Wentling, PennDOT

Sami Taylor, New South Associates, Inc.

Since 2010, archaeological investigations at the site of Pandenarium, 36ME253, have focused on expanding the narrative and what we know about the free African Americans that established a community at a dusty country crossroads in Mercer County, Pennsylvania in 1854. Generations of families lived in and around the community into the 1930s, despite 20th century references to a short-lived settlement. Ms. Jaillet-Wentling's Masters thesis completed in 2011 focused on

exploratory questions centered on the African American inhabitants and landscape-level analysis of the site as compared to communities in Mercer County and Monticello's Mulberry Row. Ms. Taylor's Masters thesis completed in 2018 focused on the John and Rosie Allen residence and comparative ceramic analyses to other Mid-Atlantic African Diaspora sites like Timbuctoo and Monticello's Mulberry Row, as well as a more local comparison to Old Economy Village. Also in 2018, Pandenarium was nominated for a Pennsylvania Historical and Museum Commission (PHMC) Marker. In 2019, the site was accepted and fully-funded as part of the PHMC initiative to promote markers for under-represented groups. Following the dedication ceremony in 2019, the marker was installed on June 20, 2020. Come join us to see what 10 years of archaeology and public outreach at Pandenarium looks like!

Registration link: <https://us02web.zoom.us/meeting/register/tZ0pd0mvqTooHdDvRiTiiYYDXWjSACTwdXTu7>

CANCELLED—POSTPONED—VIRTUAL

Words many of us wish to never hear again! Let's just pretend that the world has been re-arranged to bring everything to us in a convenient format right to our own homes! How lucky we are!

Here are some of those things:



Catch up with Mass Archaeology and the R.S. Peabody Institute of Archaeology on YouTube!

[MAS YouTube Playlist](#)

www.MassArchaeology.org

Archaeology Month Suggestions:

The MAPP digging deep video: <https://vimeo.com/153555041>. – same on YouTube: <https://www.youtube.com/watch?v=yu-KGKWO200>

These from DOT: <https://www.youtube.com/watch?v=-GkuU0QzbTQ> ; <https://www.youtube.com/watch?v=d5FZa43Cdtw> ; <https://www.youtube.com/watch?v=L9quut9DF9U>;

IUP at the Johnston Site - 2020: https://www.youtube.com/watch?v=k8-1_I6QuJY

The Heinz History Center from Meadowcroft: https://www.youtube.com/watch?v=_rVX500Cfcc

Tour of the Archeology Gallery at The State Museum: <https://www.youtube.com/watch?v=6JTrtHNE44>

Fort Shirley: https://www.youtube.com/watch?v=R7T_R7Qtp14

Sculpture Rocks: <https://www.youtube.com/watch?v=igkxyfi2nZo>

Things not happening this year: The Pennsylvania Farm Show 2021 (virtual), The Elk Fest, Annual Meeting, ESAF Annual Meeting, Meadow Croft Workshops, SPA Field Trip etc., etc.,etc.....

Things we hope will happen next year:

SPA Annual Meeting:



**91st Annual Meeting of the
Society for Pennsylvania Archaeology
Fort Ligonier, Ligonier, PA**

The SPA Annual Meeting 2021 Information:

The Elmer Erb Permanent Fund is supported by the Auction at Annual Meeting. Please remember to bring your donations to Annual Meeting. The Fund provides funding for Life members and for Educational projects and C-14 matching funds awards through the Jacob L. Grimm C-14 Grants.



2021 PAC Symposium—The Archaeology of Blacksmith Shops

The 2021 PAC Symposium will be a workshop on The Archaeology of Blacksmith Shops. The workshop is part of the FHWA/PennDOT's mitigation commitments for the adverse effect to the McQuilken Blacksmith Shop site (36IN0463) in Indiana County. The workshop will consist of an introductory presentation by archaeologists from the Markosky Engineering Group, Inc. followed by a tour of the Compass Inn Museum, a stagecoach stop and Inn from ca. 1799-1862.

In use for nearly 40 years, the Museum's reconstructed blacksmith shop is characteristic of permanent 19th century shops in regard to tools, equipment, and layout, as opposed to portable, temporary setups commonly seen in the craft today. There will be a joint demonstration/presentation by the museum's blacksmiths and Markosky archaeologists focusing on blacksmithing technologies and techniques, archaeological depositional patterns, and methods useful for interpreting these types of sites.



Society for Pennsylvania Archaeology 2021 Annual Meeting Call for Papers

The theme of the 91st Annual Meeting will be "Forging Ahead: Innovation in Pennsylvania Archaeology." There will be sessions on **Since the sessions were setup and in place in anticipation of the 2020 meeting, we will continue as planned. Please contact the chairs below to confirm you intent to present your sessions as planned. Thank you.**

There will also be a **Student Poster Session**. Kira Heinrich preslerheinrich@gmail.com, Educational Committee chair is in charge. Please contact Kira for further information.

All presenters must be current members of the Society for Pennsylvania Archaeology and must be registered for the meeting.

Program Chair:

Jessica Schumer
(724)238-4138
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Book Room Arrangements:

Angela Jaillet-Wentling
(724)699-2874
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Kira Heinrich
610-657-0700
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Student Profiles:

Hello! I'm **Cearra Mihal** and this past spring I graduated from California University of Pennsylvania with a BA in anthropology with concentrations in forensic anthropology and archaeology. During my time at Cal U I participated in two field schools, an active forensic case, mock excavations at Elizabeth Forward Elementary School, and completed a few bony internships. While getting my hands dirty as much as possible I also explored the applications of GIS (geographic information systems) in archaeology and worked alongside another student to begin the process of creating a geospatial database of Campbell Farm (36 FA 26), a prominent archaeological site near Grindstone, PA. During my sophomore year, I delved into my first research project which looked at differential treatment between sex and age based on burial good assemblages at Campbell Farm. This research sparked a love for mortuary archaeology and is the inspiration for my dissertation that I will be starting this fall. Immediately following graduation, I packed my bags and moved across the country to Tempe, Arizona where I will be attending Arizona State University and working towards my Ph.D. in Bioarchaeology. My dissertation research will focus on mortuary practices within Ancient Nubia,



specifically looking at burial disturbances and whether these disturbances are a result of targeted or random looting. I hope to incorporate GIS into my research and plot these patterns into a geospatial database that will not only answer questions about burial disturbances in Ancient Nubia but also in what periods did these disturbances most frequently occur and if there is any discernable pattern to these disturbances. Most of the material I will be looking at is readily available at ASU and was excavated from several locations within Sudan. Excavations in Sudan are currently on hold due to the current state of the country, I hope in the future I will be able to excavate burials first hand and experience Nubian culture in its place of origin.

Scott Campbell Profile: I graduated from Youngstown State University, with a double major in Anthropology and Geography and a specialization in Archaeology and Geospatial Information Science. While attending YSU I attended an archaeological field school at the Gerace Research Center located on Sand Salvador Island, Bahamas. It was here where I fell in love with archaeology. I continued to attend the Bahamian field school for six more years working as a field and lab supervisor and during this time I was lucky enough to meet my wife who is also an archaeologist.



After graduating from YSU I worked in cultural resources management for two and half years. I worked as a Field Assistant on Phase I, Phase II, and Phase III projects across the eastern United States. Though this was great experience, I felt there was still more to learn so I enrolled in Indiana University of Pennsylvania's Applied Archaeology graduate program. This was one of the best decisions I have ever made. Through working on my M.A. thesis, "Integrating Public Archaeology and Technology to Convey the History of the Mount Tabor AME Zion Church and its Community", I had the pleasure of working with several descendants of a small community in Mt Holly Springs, Cumberland County, Pennsylvania. The members from the Mt Tabor community were vital in aiding in all aspect of my research and I thoroughly enjoyed working with them to bring attention to and preserve aspects of their cultural heritage.

Today you can find me working at the Allegheny National Forest (ANF) as a permanent member of their heritage staff. I spend most of my days in the woods conducting Section 106 survey, and the off-season in the office writing up survey results and planning for the next field season. When I am not at work, I spend my free time recreating on the ANF either mountain biking, rock climbing, hiking, or swimming in the reservoir. My future plans include continuing my role as a federal archaeologist with the intent of using my education to bring partnerships from both academic and non-academic associations to the ANF.

SPA NEWS



Historical Marker Program

A reminder: To chapters that the PHMC is still looking for additional historical markers relating to the Native Americans of Pennsylvania. Each year the Pennsylvania Historical and Museum Commission approves a number of Historical Markers throughout the state that commemorate people, places and events of significant historical merit. The applications are submitted by individuals or groups and must go through an in depth approval process meeting specific criteria. The PHMC has asked that groups specifically submit important

archaeological resources for markers.

The markers must be of statewide significance and not just of local interest. I suggest that chapters consider submitting "Type Sites" from which a specific culture has been named that would certainly meet that criteria. Some examples include the Drew site, McFate site, Johnston site, and Mead Island site here in western PA. Other locations of specific interest include petroglyphs, historic villages, portages etc.

This year the Parkers Landing Petroglyphs was accepted and fully funded by the PHMC. After being held up by a delay in state funds it is now in production and hopefully will be installed with a dedication ceremony later this fall.

For more information, go to <https://www.phmc.pa.gov/Preservation/Historical-Markers>. Having previously sat on the PHMC marker selection committee and submitted successful nominations, I would be certainly willing to help with submissions as possible. Ken Burkett at: kenburket@comcast.net

Actions of the SPA Board of Directors:

- **The Board conducted our Spring Board Meeting by email.**
- **Working from our agenda:**
- **The board voted on new Elmer Erb Trustees whose terms were expiring: Dr. Kurt Carr and Jennifer Rankin were elected to six year terms ending in 2026. Kurt will continue in the position of chair.**
- **The 2020-2021 budget was approved.**
- **The awards committee was directed to present awards at the chapter levels or postpone presentation until next in person Annual Meeting, hopefully in April 2021.**
- **All actions of the Board of Directors will be ratified by the membership at the next in person meeting or, if necessary, in a polling of the general membership assuming a lockdown continues in to the future.**
- **The SPA Field Trip will be postponed until 2021.**
- **AN in person November BOD Meeting will be decided.**

SPA Site Survey Committee News:

Hannah Harvey has taken over as the committee chair: Harvey, Hannah hharvey@pa.gov. There is a large group with several chapters represented: Noel Strattan, Janet Johnson, Bill Black, Erich Zeh, Victor Motts, Amanda Rasmussen, Kira Heinrich, Amy Covell-Murthy, Ken Burkett, Jim Barno, and Dennis Brooks.

Goal of the committee:

- Support chapter/member site recording and collections documentation activities through training and connection to resources
- Develop an SPA Site Stewardship or Associates program

We would like to encourage each chapter to designate a site survey representative who can receive periodic updates from the committee and give input on future survey activities. At the next annual meeting we will plan to hold a meeting with chapters.

Activities in Progress:

- Redoing the SPA's Recording Sites web page
- Developing a "Help" link on the website to connect site recorders with volunteers who are willing to complete a PASS form on someone else's behalf.
- Initiating a series of hands-on training seminars. Aiming for two a year, with the first one to be held in Western PA

The report on Site Recording Activity in 2019 is now available at:

https://www.phmc.pa.gov/Preservation/About/Documents/PASS2020_Report.pdf. We recorded 425 new sites from a variety of sources. This year's report features articles written by guest authors, talking about their projects which contributed to the PASS files in significant and interesting ways:

- Fred Veigh Collection
- Avocational contributions from Maryland
- Otter Timber Creek Management Project

- Broad Mountain Upland Sites Project
- Bucks County legacy collections

Archives Scholarship AN OPPORTUNITY FROM THE MID-ATLANTIC REGIONAL ARCHIVES CONFERENCE (MARAC)

Applications are now being accepted for MARAC's Graduate School Archival Education Scholarship (2020-2021). Deadline for submissions is October 31, 2020

Purpose: To provide financial assistance to a student in the MARAC region and to promote the study of archival administration.
Award: One-time \$1000 award for the 2020-2021 school year (to be awarded for the spring 2020 semester). The award will be paid directly to the educational institution. The award also includes a \$20 student-level MARAC membership for a total award value of \$1,020.

One award is available for the 2020-2021 cycle.

Eligibility: In order to be eligible for the scholarship, an applicant must be:

- a resident or full-time student residing in one of the following states: Delaware, Maryland, New Jersey, New York, Pennsylvania, Virginia and West Virginia, and in the District of Columbia
- currently enrolled or accepted into a graduate program in archival studies or archives related program such as history or information studies

Application: Applications are to be sent to marac.scholarship@gmail.com and due October 31, 2020 and must include the following documents:

- Current resume including: Essay of no more than 500 words outlining the applicant's interests and future goals in archival administration and how the scholarship would help you meet them.
 - Current Address
 - Education (undergraduate and graduate); anticipated graduation date
 - Relevant (archives related) employment/volunteer/internship experience
 - Honors, scholarships, or awards received
 - Memberships in professional organizations
- One letter of recommendation (sent directly to marac.scholarship@gmail.com)
- Documentation of "good standing" with the educational institution (may be a letter or official transcript)

The scholarship recipient is required to submit a brief article to be included in the next issue of the Mid-Atlantic Archivist Newsletter following the award. Questions? Please contact marac.scholarship@gmail.com

Congratulations to Ken Burkett & Company



PA Museums Announces Statewide Awards for Museums

The Jefferson County History Center took home a 2020 PA Museums Institutional Award of Merit for the exhibit, Stones N' Bones. Congratulations! The three-gallery exhibit, "Stones N' Bones," incorporates Geology, Paleontology and the Ice Age of western Pennsylvania. The Geology exhibit is a hands-on geology lab and interactive display of the types of minerals and rocks found in Jefferson County, and the story behind its vast coal beds. The Paleontology exhibit timeframe encompasses the Paleozoic Era, beginning with the Cambrian explosion of seafloor life to the Carboniferous Period when

vast swamps - now coal beds - covered western PA, dominated by giant dragonflies and fern-like trees; to the evolution of fishes and amphibians in the Devonian, the amphibian and reptile explosion of the Permian, to the great extinction at the end of the Permian. It also touches on the next Period, the Triassic and the first dinosaurs and why there are no dinosaurs found in Pennsylvania. The Ice Age exhibit begins with glaciation in the Pleistocene of the Cenozoic Era, 1.8 million years ago to about 12,000 years ago, showcasing the ice age mega fauna and Paleo-Indians - thought to arrive 14,000 years ago - who survived on these giants.

FYI from Angie Jaillett-Wentling

Subject: Historical Aerial Photograph Access

The Pennsylvania Geological Survey in cooperation with Penn State University has supported distribution of scanned copies of several generations of USDA aerial photographs via the Penn Pilot web site. We know many of you make use of this data, as do our staff members. Because Penn Pilot is built on outdated technology, Penn State is finding it more difficult to find the resources to keep it running, especially when there are alternative sites where users can acquire the same Penn Pilot imagery. The truth is, Penn Pilot's days are numbered, so we strongly recommend that Penn Pilot users move on to these newer and more versatile applications. The two sites below provide access to Penn Pilot and many other images:

1. PennPilot data can be identified and downloaded through the PASDA Imagery Navigator located at:

<https://maps.psiee.psu.edu/ImageryNavigator/>

You'll see the approximate display tile indexes available near the bottom of the "Display Tile Index" scrolling menu. Right-clicking anywhere on the map will bring up the PASDA Download Links box for that location.

2. PASDA staff has also completed the Historical Aerial Viewer application at the following link:

<https://datacommons.maps.arcgis.com/apps/View/index.html?appid=10af5f75f9f94f01866359ba398cb6a9>

This application also has links to all of the PennPilot historical imagery eras. A nice thing about this application is that the user can view the approximate location of links on the map from all eras at the same time.

We recommend use of these sites for all your Pennsylvania historical Aerial Photo needs. They are especially relevant while our library hours are limited under COVID-19 restrictions. Please direct questions or problems to pasda@psu.edu. Please feel free to share this information with anyone who can benefit.

NEW PUBLICATION

The Archaeology of Native Americans in Pennsylvania

Edited by Kurt W. Carr, Christopher A. Bergman, Christina B. Rieth, Bernard K. Means, and Roger W. Moeller. Elizabeth Wagner, associate editor

Pennsylvania is geographically, ecologically, and culturally diverse. The state is situated at the crossroads of several geographic zones and drainage basins which resulted in a great deal of variation in Native American societies. *The Archaeology of Native Americans in Pennsylvania* is the definitive reference guide to rich artifacts that represent 14,000 years of cultural evolution. This authoritative work includes environmental studies, descriptions and illustrations of artifacts and features, settlement pattern studies, and recommendations for directions of further research.

Containing previously unpublished data and representing fifty years of collaborative findings gathered under historic preservation laws, the book is organized into five parts, reflecting five major time periods. Essential for anyone conducting archaeological research in Pennsylvania and surrounding regions, especially professionals conducting surveys and research in compliance with state and federal preservation laws, as well as professors and students engaging in research on specific regions or topics in Middle Atlantic archaeology.

Kurt W. Carr is Senior Curator of Archaeology at the State Museum of Pennsylvania.

Christopher A. Bergman is Vice President of Cultural Resources at AECOM.

Christina B. Rieth is State Archaeologist and Director, Cultural Resource Survey Program, the New York State Museum.

Bernard K. Means teaches archaeology courses at the School of World Studies and is director of the Virtual Curation Laboratory at Virginia Commonwealth University.

Roger W. Moeller is owner of Archaeological Services, Bethlehem, CT.

Elizabeth Wagner is Curator of Archaeology at the State Museum of Pennsylvania. 960 pages | 8 1/2 x 11 | 157 illus.

Three Volumes Cloth bound with slip case 2020 | ISBN 9780812250787
Penn Press List Price [\\$145.00s](#) |

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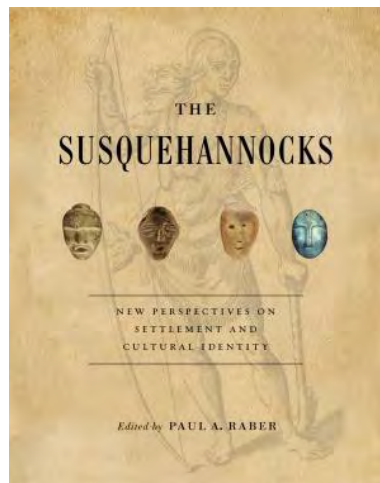
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Discounted Offer of New publication: The Susquehannocks, New Perspectives on Settlement and Cultural



Identity

Edited by Paul A. Raber

“A worthy successor to Barry Kent’s classic work on the Susquehannock, probably the least known of the northern Iroquoian people. Building on Kent’s original synthesis, this volume adds important new information and offers a range of analytical perspectives. This volume brings us up to date not only on Susquehannock people and their culture, but also on how archaeology is being practiced in the twenty-first century.”—James Bradley, author of *Before Albany: An Archaeology of Native-Dutch Relations in the Capital Region, 1600–1664*

~~\$29.95~~ | 2019 Paperback Edition ISBN: 978-0-271-08476-3

An Iroquoian group that inhabited the lower Susquehanna River valley and portions of the Potomac River drainage, the Susquehannocks were key agents in the fur trade in the seventeenth and eighteenth centuries. They were consequently targets of sporadic warfare by the Iroquois Confederacy and attempted to seek refuge in a series

of fortified villages near the Susquehanna River, but they were dispersed by the European colonizers, and in 1763 settlers massacred the remnants of the original nation. Drawing from evidence produced by new excavations, the eight essays in this volume provide original views on various aspects of the Susquehannocks’ history, including their origins, geographical spread, and contact with nonnative cultures. An important update to the history of the indigenous people of Pennsylvania, this collection will be welcomed by professional and avocational archaeologists interested in contact and colonialism as well as enthusiasts of Pennsylvania Native American history. In addition to the editor, the contributors include Marshall Joseph Becker, April M. Beisaw, Jasmine Gollup, James T. Herbstritt, Lisa Marie Lauria, Dean R. Snow, Robert D. Wall, and Andrew Wyatt.

Due to a donation by a benefactor, the SPA is able to offer a limited number of these books at a rate of \$15.00 + \$5.00 Shipping and Handling, totaling \$20.00. (\$21.20 for PA residents) Send a check made out to Treasure, SPA in the Amount of \$20.00 (or \$21.20) to:

Treasurer, SPA, P.O. Box 213, New Bethlehem, PA 16242 Or at the SPA website, Paypal account at www.PennsylvaniaArchaeology.com .

SPA Nominations for election at Annual Meeting 2021

President-elect: Kira Heinrich

Ballot:

First Vice President: Chuck Williams

Second Vice President: Angela Jaillet-Wentling

Secretary: Jessica Schumer

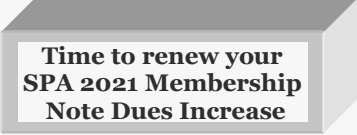
Treasurer: Ken Burkett

Directors for 6 year terms ending in 2027:

Kristina Gaugler, Janet Johnson, Philip Neusius

The Society for Pennsylvania Archaeology, Inc.
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RETURN SERVICE REQUESTED



**Time to renew your
SPA 2021 Membership
Note Dues Increase**

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Officers 2020-2021

Send SPA Newsletter information to the Secretary

Newsletter Deadline: December 15, 2020

The Society for Pennsylvania Archaeology, Inc. was organized in 1929 to: Promote the study of the prehistoric and historic archaeological resources of Pennsylvania and neighboring states; Encourage scientific research and discourage exploration which is unscientific or irresponsible in intent or practice; Promote the conservation of archaeological sites, artifacts, and information; Encourage the establishment and maintenance of sources of archaeological information such as museums, societies, and educational programs; Promote the dissemination of archaeological knowledge by means of publications and forums; Foster the exchange of information between the professional and the avocational archaeologists

To subscribe to the SPA Newsletter by email, contact the Secretary at: jmduritsa@comcast.net