



# The Society for Pennsylvania Archaeology, Inc. Newsletter Winter 2022-23

## Forget the snow and Ice. Time to plan the SPA field Trip!

### 2023 SPA FIELD TRIP TO RETURN TO 2020 CIVIL WAR BATTLEFIELD THEME

#### MARK YOUR CALENDAR'S FOR JUNE 8-11, 2023

In 2020 as the world shut down for the pandemic, the SPA had to cancel our planned field trip focusing on the archaeology of Civil War Battlefields. Although we did have mini-field trips in both 2021 and 2022 with participants car-pooling, we haven't been able to return to a full scale field trip like those we did before the pandemic. The good news is that the SPA Board has agreed that 2023 is the year to return to a full-scale field trip! Thus, we are planning to return to a bus trip in June 2023, and finally go see those Civil War battlefields. Right now, we are beginning to make contact with our connections from 2020. We aren't yet sure how closely this year's trip will resemble the trip we had planned for 2020, but we expect to gather for an orientation on Thursday night June 8, and visit sites and visitor's centers on Friday, Saturday, and Sunday. We plan to include Antietam, Harper's Ferry, Gettysburg, and other sites. As we meet archaeologists, historians, interpreters and curators, we will explore the history of various battlefields, and recent archaeological work at these sites as well as learn about military archaeology, collections and artifact conservation. Like past SPA field trips it promises to be a fun and informative long weekend. If you are interested in Civil War archaeology, mark your calendars for June 8-11 and watch for more details this Spring through the newsletter, the website and your chapters as well as at Annual Meeting. Don't miss this great opportunity for learning and fun! Sarah Neusius and John Nass, coordinators



[Gettysburgpa.go](https://www.gettysburgpa.go)



<https://wila.com/news/local/antietam-national-battlefield-improve-next-decade>

### Recent test excavations at the Shoop Paleoindian site

Submitted by: Kurt W. Carr, Joseph P. Vitolo, Brian Harrison, Sharon McDonald, Robert Ronngren, Kim Sebestyen and Danean Walker

John Witthoft published the first substantial report on the Shoop site (36Da20), 70 years ago in 1952. He described the site as an early Paleoindian overlook and hunting camp. He identified the Onondaga chert quarries of western New York, located 400 km (250 miles) to the north as the source of 98% of the artifacts. The site covers over 15 hectares (38 acres) but, depending on which map is referenced, consists of 11 to 18 separate concentrations of artifacts. There are very few artifacts from later time periods. Shoop is thought to be a single component manifestation, covering a limited number of visits over a relatively short time frame within the Paleoindian period. Although the quantity of artifacts has grown to over 8000 artifacts, including approximately 2000 tools, the function of the individual concentrations has not been systemically determined. Do these represent separate visits by extended families as part of the seasonal round as suggested by Witthoft or do these concentrations represent different activity areas from a more limited number of visits by a band size social group or is this an annual meeting place for several social units. In addition, although there is a consensus based on over 70 fluted projectile points

that this is an early Paleoindian site, does it date to the Allerød warming period of the Clovis era (approximately 11,000 radiocarbon years BP) or the severe cooling conditions of the post-Clovis era characterized by the Younger Dryas climatic episode at approximately 10,700 BP?

In order to address the problem of site function and absolute dating, The State Museum of Pennsylvania and Mercyhurst College investigated one of the concentrations in 2008 excavating over 60 one-meter units. Unfortunately, very few tools were recovered, possibly due to 50 years of surface collecting, and the soil profile was very thin above the sandstone bedrock, suggesting agricultural plowing had destroyed any Paleoindian charcoal features.

In 2020-2021, the State Museum investigated a wooded area along the south end of the site, where it was believed that plowing and surface collecting was less intense. A light cluster of artifacts was discovered along the base of Dividing Ridge. In 2022, a small contingent of citizen scientists continued to work on this cluster and recovered over 1400 artifacts. This has been designated the Miller locus, so named after the landowners, Scott and Theresa Miller. They have been most accommodating in allowing an investigation of their property. The Miller locus is at the base of a north facing slope, overlooking the main concentrations of the site, and situated adjacent to an extinct drainage. The view shed from this elevated position includes most of Small Valley to the east and west and Armstrong Valley to the north.

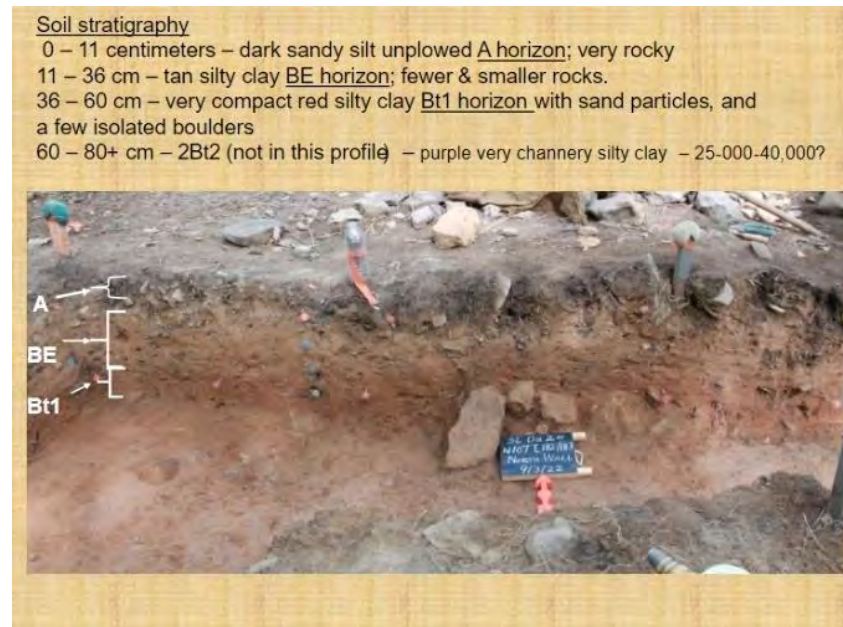


**Drone aerial photo by John Wah of 2022 block excavation.**

In 2022, a contiguous block of 14 one-meter units were opened and twelve were excavated down through level 4 of the B horizon. Units were excavated in 10-centimeter arbitrary levels within stratigraphic units. The soil from all units was double screened in  $\frac{1}{4}$  and  $\frac{1}{8}$ -inch hardware cloth. Although the use of  $\frac{1}{8}$  screening requires more time, it has produced a greater variety of minority lithic material types, and it is expected to result in a more nuanced picture of lithic reduction techniques.

Dr. John Wah, was able to graciously donate his time to conduct an investigation of the soils. He identified the three soil horizons that are being archaeologically investigated as an unplowed A horizon (0-11 cm below the surface), a tan silty clay BE horizon (11–36 cm BS), and a red, very compact Bt1 horizon (36-60 cm BS). Below the Bt1, Wah identified a third colluvial deposit, the 2Bt2, dating between 25,000 and 45,000 BP. The stratigraphy is interesting as a profile that is rarely encountered in archaeological investigations in Pennsylvania with an unplowed A horizon and multiple B horizons of colluvium dating to the Pleistocene. According to Wah, they are the result of gentle colluvial slope wash that dates to the Late Pleistocene (14,000 – 10,000 years ago). The BE, where most of the artifacts are recovered, probably dates to the Younger Dryas episode dating to 10,800 – 10,100 years ago. It is believed that colluvial activity was most active during this cold and dry period. The BE colluvium could have covered an existing Paleoindian archaeological deposit dating prior to the Younger

Dryas, or the occupation and the colluvium could date to the same period. Carbon-14 dates are necessary to resolve this



significant chronological issue.

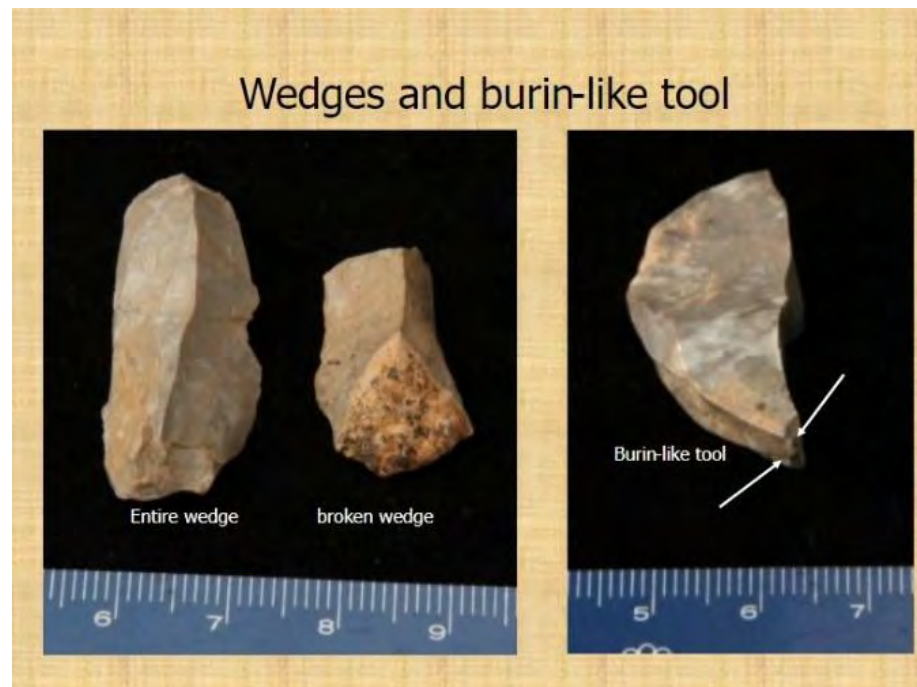
Artifacts have been recovered throughout the A horizon, the BE horizon and even in the Bt1 horizon. The highest frequency was recovered from Level 2 of the BE with slightly lesser numbers in Level 3 and Level 1. However, the vertical distribution is not the result of multiple occupations over hundreds of years during the Paleoindian era, but rather bioturbation - the displacement of artifacts via roots, animal borrowing and frost heaving.

Based on a preliminary analysis, 98% of the artifacts are in Onondaga chert with

minor numbers of jasper, Normanskill chert and a black chert of unknown origin. Most of the Onondaga chert is patinated but a small percentage, perhaps 10% is not. Thermal alteration is common with approximately 35% - 40% exhibiting evidence of pot lids or internal crazing. Cobble or bedrock cortex is evident on less than 5% of the artifacts. Based on an examination of striking platforms, with the assistance of Steve Nissly, antler, bone, or wooden batons or pressure flakers were used to remove at least 95% of the debitage. Hammerstone reduction seems to be rare.

The tool assemblage identified so far consists of 35 items including, utilized flakes, retouched flakes, wedges, endscrapers, pointed tools, a graver, and a burin-like implement. Of this group, only the wedge and the burin-like tool are complete; the rest are all edge fragments of flakes with utilization or retouching along an edge. The utilized flakes exhibit damage on a variety of edge angles consisting of nibbling and minor edge damage. The retouched flakes are all fragments of relatively thin, acute edges. The wedge is triangular in cross section with damage at both ends and flake scars traveling from opposite directions. The endscraper fragments are two relatively thick pieces exhibiting steep retouch and a third piece that

appears to be the proximal end, characterized by a ground bulb of percussion with steep hinge fractures and retouch along both lateral edges. The burin is on a flat, semicircle shaped, relatively thick (4 cm) segment of a river worn cobble; a rather unique piece.



In summary, based on the artifacts recovered in this small area of approximately 14 meters<sup>2</sup> (150 feet<sup>2</sup>), tools were being used and some were being broken. The debitage suggests that tools were being resharpened.

Considering the variety of tools, it is

difficult to determine the specific function of this spot, it may be a general camp site, rather than a specific activity area within

the Shoop site complex. However, so far, the excavation only includes 14 units so this Paleoindian locus could easily be much larger.

The site has been secured for the winter. The artifacts are being catalogued and will eventually be curated at The State Museum of Pennsylvania. If funding allows, a sample of tools will be sent for high magnification use wear analysis. In the spring, the investigation of this block will continue moving south to better define the limits of activity. Especially in areas of high artifact density, we may employ 0.5 or 0.25 collection units to conduct a more fine-grained analysis of artifact patterning. In addition, we will initiate a testing program to locate other concentrations along the ridge slope, probably using shovel test pit units at 5-meter intervals. All of this represents a considerable amount of field work. If there are any questions, or if you are interested in volunteering, I can be contacted at [paleocarr@gmail.com](mailto:paleocarr@gmail.com).

## Support The Archaeology Channel

*The SPA is a sponsor of The Archaeology Channel, an educational non-profit dedicated to providing accessible lessons for all. The following is a ways to share this gift with others, perhaps in your chapters or families.*



Looking for an impactful gift to give this holiday season? Give the gift of knowledge! With a few taps, you can give your loved ones subscriptions to *Heritage Broadcasting Service*!

Here's how: Just go to our gift card page, via the link in our Bio

<https://heritagetac.org/pages/discover-gifts>

and click on the blue button. That takes you to the *Heritage* "Buy a Gift Card" page, where you can enter all of the information needed for your *Heritage* gift subscription. That's all!

Launched January 1, 2021, *Heritage* is the subscription platform created by Archaeological Legacy Institute (ALI), the nonprofit behind **The**

**Archaeology Channel** website ([archaeologychannel.org](http://archaeologychannel.org)). Currently, it has a catalogue of over 250 film titles. Check it out!

When you give the gift of *Heritage*, you share the inspiration and insight that these stories convey. In the process, you help ALI grow this service as a real alternative for discriminating viewers. Thank you!

Richard M. Pettigrew, Ph.D., RPA, [RPettigrew@aol.com](mailto:RPettigrew@aol.com) or [rick@archaeologychannel.org](mailto:rick@archaeologychannel.org)

## W. Fred Kinsey Student Scholarship 2023

**Student Reminder**—*The W. Fred Kinsey Meeting Scholarship* provides student membership to The Society for Pennsylvania Archaeology (SPA) for one year, a \$150.00 award, and banquet costs for the annual SPA meeting. Students currently pursuing an undergraduate or graduate degree are eligible to apply for the W. Fred Kinsey Meeting Scholarship. Students are not required to attend Pennsylvania institutions, but research must be relevant to Pennsylvania Archaeology. Eligibility is dependent on a complete, single-author paper with PowerPoint slides (if appropriate) to be presented at the annual meeting scheduled for April 14-16, 2023 in DuBois, PA. Abstracts for papers should be sent to the Program Chair, please check the webpage for submission details. <https://www.pennsylvaniaarchaeology.com/AnnualMeeting.htm>

## Graybill Specialized Research Fund

In memory of Jeff Graybill his family has donated funds to honor him and his career in archaeology. As a former student of W. Fred Kinsey, this donation supports the fundamental ideals of both Jeff and Fred towards research, specialized analysis, and publication. Award of funds is dependent on a research proposal which identifies the project, analysis method, and its relevance to our understanding of Pennsylvania archaeology. Review of proposals will be conducted by a three-person committee as approved by the fund administrator.

- Proposals should be submitted in electronic format to the fund administrator, currently Janet Johnson ([janjohnson@pa.gov](mailto:janjohnson@pa.gov))
- Specialized analysis includes starch residue, phytolith, micro-wear, use-wear, DNA, trace element and Strontium Isotope Analysis
- Application deadline is December 31<sup>st</sup>. Applications can be accessed at
- Maximum award of \$1,000 per applicant
- Priority will be given to proposals from Pennsylvania schools, but approval is not restricted to Pennsylvania students or professionals.

**Applications are accepted through December 31<sup>st</sup>; awarded applicant will be notified by March 1st.**  
<https://www.pennsylvaniaarchaeology.com/Awards.htm>



# **The 92nd Annual Meeting of The Society for Pennsylvania Archaeology**

**April 14 -16, 2023**

**Hosted by the Society for Pennsylvania Archaeology**

**Meeting Venue: Dubois Country Club, 10 Lakeside Avenue, Dubois, PA 15801**

**Accommodations: Comfort Suites Dubois, 8 Lakeside Avenue Dubois, PA 15801  
Reservations at (814) 375-6028**

**Identify yourself as being with the Society for Pennsylvania Archaeology  
Single King rate is \$109.00, 2 Queen Beds - \$119.00  
Early reservations are recommended.**

## **Call for papers**

**Program Chair: Amanda Valko**

**Presentation at the SPA annual meeting is open to any member of the society in good standing. Papers are limited to 20 minutes and must relate to some aspect of Pennsylvania Archaeology. Individuals are invited to submit an abstract of 150 words or less to Amanda at: [amanda@quemahoning.com](mailto:amanda@quemahoning.com) NO later than March 18, 2023.**

**The Program Committee will evaluate each submission and will notify by email of acceptance, recommended changes based on the nature of the material, or rejection for ethical issues or sensitivities.**

**Poster Session Chair: Angela S. Jaillet-Wentling,**

**Students wishing to present posters should email their title and abstract NO later than March 18, 2023 to [angela.jaillet@yahoo.com](mailto:angela.jaillet@yahoo.com). Please include a copy of our student identification card when submitting .**

**PAC Meeting: Friday morning and Session Papers in the afternoon**

**Other inquiries: Ken Burkett - [kenburkett@comcast.net](mailto:kenburkett@comcast.net)**

**MORE info and registration soon at [pennsylvaniaarchaeology.com](http://pennsylvaniaarchaeology.com)**

**Please remember that only members in good standing can present or vote at Annual Meeting.**

**2023 dues are payable now. Forms may be found on the SPA website along with a paypal option at [www.PennsylvaniaArchaology.com](http://www.PennsylvaniaArchaology.com) .**

**The Elmer Erb Permanent Fund benefits from  
the auction held at Annual Meeting.  
Please plan now to bring or send an auction item.  
The proceeds benefit the whole Society**

## Call for Nominations for the Annual SPA Awards for 2023 Deadline for the Individual Recognition Awards is March 13, 2023

Submission deadlines for awards in categories other than Individual Recognition are noted in the award description. Descriptions for all awards and nomination forms can be found on the society webpage:

<http://pennsylvaniaarchaeology.com/>

### General Guidelines for Individual Recognition Awards:

- 1) Any State SPA member in good standing or an SPA Chapter as a group, may submit one or more nominations in writing to the Awards Committee,
- 2) Required membership in the State SPA organization and/or in a SPA chapter is specified for each award,
- 3) If no nomination is made for a specific award, or the nominee(s) did not meet the eligibility criteria of the award, or the award committee determines that no nominee(s) meets the standards merited for that award, the award will not be given.

### SPA Individual Recognition Awards:

Lifetime Achievement Award  
Archey Award  
J. Alden Mason Award  
Shrader/George Award

### Student Competition Awards:

James W. Hatch Scholarship  
W. Fred Kinsey Scholarship

### SPA Chapter Awards:

John Wittoft Award  
Frances Dorrance Award

### SPA Monetary Awards:

Jacob L. Grimm C-14 Award  
Cowin Award  
Elmer Erb Research Award

### Please mail or email individual award nominations to:

SPA Awards Chair: Dr. John P. Nass, Jr.  
7500 National Pike  
Uniontown, PA 15401  
[nass81@breezeline.net](mailto:nass81@breezeline.net)

**Awards Committee Members:** John Nass, Jr, Committee Chair; Andrea Campbell, Paul Nevin, Kim Sebestyen, Amanda Valko, and Erich Zeh

## News from The State Museum

### 2022 Workshops in Archaeology at The State Museum of Pennsylvania

The annual Workshops in Archaeology program was held in-person at the State Museum of Pennsylvania on October 29, 2022. The theme for 2022 was *Pathways to the Past*, with a panel of speakers comprised of historians and archaeologists. Speakers investigated the pathways, both physical and abstract, that lead to a better understanding of the past.

The morning sessions were dedicated to examining how physical pathways created movement across the landscape for Native Americans that resulted in trade routes, migrations of peoples, hunting and gathering patterns, cultural traditions, and exchange of ideas. Darrin Lowery investigated trade and migration related to evidence of the Delmarva Adena-Hopewell complex in the Middle Atlantic region. Andrew Myers and Chuck Williams looked at physical paths, how they connected people and ideas. Ken Burkett examined inter-regional travel by canoe and the portage between the upper Susquehanna and Allegheny River basins.

The afternoon sessions tackled some interesting historic topics. Matthew March took listeners on a passage along the Underground Railroad through Cumberland County and Carmen James from the Mount Tabor Preservation Project spoke about the long journey taken to preserving the Mt. Tabor AME Church in Mt. Holly Springs. Kate Peresolak investigated two segregated Civilian Conservation Corps camps whose occupants created the pathways and other physical features of many of our state parks and forests.

As in former years, flintknapper Steve Nissly demonstrated his amazing talent at stone tool production and our colleagues from the PA SHPO, including Noel Stratton, Casey Hanson, Justin McKeel, Sarah-Ladd Manley, and Taylor Napoleon assisted with instruction on PA-SHARE, site recordation, and artifact identification. Light refreshments rounded out the day.

### Activities of the State Museum

[The State Museum of Pennsylvania](http://www.pahmc.org) is open to the public with new exhibits and programming. The Section of Archaeology is actively working with researchers in our labs and offices. Students from Indian University of Pennsylvania have been working with the collections in pursuit of their master's degrees. Individuals researching for new publications are also utilizing the collections as are some facilities seeking to exhibit materials. Please contact Janet Johnson at [janjohnson@pa.gov](mailto:janjohnson@pa.gov) for more information or to submit a research proposal.

On-line programs include: our blog- [TWIPA.blogspot.com](http://TWIPA.blogspot.com); [www.phmc.pa.gov/Museums/Online-Collection](http://www.phmc.pa.gov/Museums/Online-Collection); and on the YouTube channel of The State Museum of PA. The dugout canoe from Mud Pond discussion with Kurt Carr - State Museum Perspectives - The Dugout Canoe or Peopling the Americas <https://www.youtube.com/watch?v=UgbSEXUHj-o>.

### 2023 Keystone Internship Opportunity in the Section of Archaeology

The PHMC's 2023 Keystone Summer Internship positions have been posted! Postings will run through January 16, 2023 and can be found at Keystone Internship - State Museum (Archaeology) (College) | Job Details tab | Career Pages ([governmentjobs.com](http://governmentjobs.com)). Students currently pursuing an undergraduate or graduate degree are eligible to apply. Internships will last 10 weeks (225-300 hours) between May 15, 2023 and August 20, 2023.

In this Government Services Intern position, you will:

- Gain an understanding of professional museum practices and procedures;
- Gain an understanding of how to record and update archaeological sites' mapping data into the PA-SHARE geographic information platform. Work with the State Historic Preservation Office on procedures for entering and updating data into statewide PA-SHARE platform;
- Develop proficiencies in photographing, identifying, and recording archaeological artifacts.

For more information and to apply, use the QR code below:



### William Frederick (Fred) Veigh Collection Update

The Veigh Collection was donated to The State Museum of Pennsylvania, Section of Archaeology in 2016. William Frederick (Fred) Veigh (December 29, 1949-January 25, 2016) was a prolific avocational archaeologist and an active member of the Westmoreland Chapter of the Society for Pennsylvania Archaeology. Mr. Veigh meticulously labeled the artifacts and thousands of artifact boxes, containers, and bags in his private collection with site information and a number designation system he developed to keep track of each surface collected location by state, county, and USGS topographic map quadrangles.

The donation contains predominately Pre-Contact archaeological material from 19 counties concentrated most



densely in the southwestern region of the Commonwealth. Smaller assemblages from Adams, Allegheny, Bedford, Butler, Cambria, Clearfield, Clinton, Columbia, Erie, Fayette, Franklin, Green, Huntingdon, Indiana, Lehigh, and Venango were inventoried in 2018, representing 74 archaeological sites and 76 non-site collection loci. A handful of new sites from Indiana county were added to the Pennsylvania Archaeological Site Survey (PASS) files in PA Share. In 2019, lab staff with the assistance of volunteers and a summer intern, were able to inventory over 75,000 artifacts, record 78 new sites, and update 57 PASS files from the Meyersdale quad in Somerset County.

*Projectile Points recovered by William Veigh that have been processed and recorded as a new site, the Albert Brenneman site, 36S0461.*



*Projectile Points recovered by William Veigh that have been processed and recorded with their associated site the Martin site, 36WH444.*

Due to the pandemic and closures, we lost almost two years of processing, since reopening in 2022 we have focused our energy on processing artifacts from Washington County. To date the lab staff and their dedicated volunteers have inventoried over 37,000 artifacts, recorded 27 new sites, and updated 34 PASS files from the Washington East quad in Washington County. Fred’s diligence in recording the locations of his artifact finds has contributed significantly to our site data, especially in the southwestern region of Pennsylvania. By the end of 2022 the Washington East quad will be fully processed, and the lab will begin processing artifacts from other quadrangles in the [Veigh Collection](#).



**Pennsylvania Archaeological Council News (from SPA November Board meeting)**

- PAC joined the Council for Maryland Archaeology, MAAC, and the National Trust for Historic Preservation in **protesting the decision by the Montpelier Foundation to halt coordination with the descendant community.** A letter was sent to the foundation requesting re-engagement with the descendant community.

**The 2022 recipient of the Hatch Scholarship is Evan Harris, an M.A. student at Mercyhurst. He received \$150 from PAC and SPA funds.**

- PAC presented plaques to **Kurt Carr** and **Doug McLearn** at their retirement in appreciation of their long years of service.
- PAC is developing a **Diversity and Equity Scholarship** and is currently considering funding ideas.

Angie Jaillet-Wentling is heading the committee.

- PAC is in charge of the 2023 **Archaeology Month** poster and is currently considering themes.
- As part of the Pennsylvania Hallowed Ground initiative, which aims to preserve and **promote awareness of the legacies of the US Colored Troops** cemeteries and related African American communities, PAC participated in a metal detecting survey and GPS mapping of the cemetery in Steelton.
- **To support emerging young professionals**, PAC is considering several ideas, including sit-down meetings where emerging professionals (students and young professionals) can meet informally with established professionals for mentoring and support.

**PAC will be planning their annual symposium in conjunction with the SPA Annual Meeting in DuBois, PA in April.**



## Western Pennsylvania Native American Rock Art Survey

By Ken Burkett and Brian Fritz

Only a few special places still exist in Pennsylvania where the prehistoric inhabitants left evidence of their activities on the undisturbed natural landscape. Carved into the exposed faces of boulders, rock ledges, and caves are images representing humans, animals, mythological creatures, and abstract geometric forms. Known as petroglyphs, these inscribed symbols provide us with a glimpse into the minds of Pennsylvania's earliest inhabitants. Petroglyph sites allow us to look beyond their ordinary stone and bone artifacts and examine the less-tangible aspects of their spiritual and religious worldviews.

On August 3, 1749, Captain Pierre Joseph Celoron de Blainville wrote in his journal that he buried a lead plate signifying the French claim to the Ohio Country under "an immense stone upon which certain figures are rudely enough carved." This boulder is today known as the Indian God Rock petroglyphs site located along the bank of the Allegheny River 8.5 miles downstream from Franklin. Chaplain of the Celeron expedition, Father Joseph Pierre de Bonnecamps, described the rock in more detail; "we buried a 2<sup>nd</sup> plate of lead under a great rock, upon which were to be seen several figures roughly graven. These were the figures of men and women, and the footprints of goats, turkeys, bears, etc., traced upon the rock."

Beginning in 1958, Carnegie Museum archaeologist, James L. Swauger conducted a decade long survey of Native American rock art in the upper Ohio River watershed covering portions of Pennsylvania, Ohio, West Virginia, and Maryland. His work culminated in the publication of his book titled "Rock Art of the Upper Ohio Valley" in 1974. Swauger's book is an inventory of the known petroglyph sites, most of which he personally visited. The book provides a description of the petroglyphs found at each site, a description of each site's location, and a background history of the site's discovery, visitation history, and present condition. In addition to his book, Swauger's extensive records, notes, and photographs were archived at the Carnegie Museum Annex. However, this extensive collection of Native American rock art information was never transmitted and recorded into the Pennsylvania Archaeological Site Survey records maintained by the State Museum of Pennsylvania.

The Western Pennsylvania Native American Rock Art Survey was launched in November of this year. The goal of this new initiative is to revisit the known rock art sites, update Swauger's documentation of each site, and record the information into the State Museum's archaeological site database. The project also seeks to develop a set of standards for evaluating the eligibility of rock art sites for inclusion in the National Register of Historic Places. The project is

directed by Ken Burkett and Brian Fritz. Funding for the project is provided through a PHMC Keystone grant and a generous donation needed to meet the grant match. The grant will be administered through the Society for Pennsylvania Archaeology.



The first outing took place on November 14, 2022. Ken Burkett, Brian Fritz, and Tom Rabbit visited the Traister Petroglyphs site (36CL103) located near Rimersburg, Clarion County. Ken Burkett documented this very site 41 years ago. Ken noted how difficult it was to see the figures after four decades of weathering. The purpose of this site visit was to experiment with different photographic techniques and to

devise a strategy for recording the figures engraved into the rocks. In the past, it was a common practice to chalk the figures making them visible to the camera. This method is now disfavored within the rock art community, reasoning that chalking is a form defacement and has the potential for degrading a fragile resource. Photographing the figures without chalk is a real challenge, a problem that we hope to solve with portable lighting and some high-tech computer software. We will keep SPA members updated as the project progresses.

**Photo above: Tom Rabbit (left) and Ken Burkett (right) examining turkey track figures carved into the surface of a large boulder known as the Traister Petroglyphs site (36CL103) located in Clarion County, Pennsylvania.**

**Juniata College Archaeology Field School Announcement:  
Fort Halifax Rediscovery 2023**

Juniata College is offering a 4-credit undergraduate archaeological field school at Fort Halifax (Dauphin County, Pennsylvania) from June 4 to 24, 2023. Fort Halifax was constructed by the newly formed Pennsylvania Regiment in 1756 to protect the British Provincial frontier in the Susquehanna Valley in the wake of General Braddock's defeat in 1755. Part of the fortification was located in 2021—this field school will focus on further defining the boundaries, features, and activity areas of the fortification. Through this community-based project aided by a National Park Service Battlefield Protection Grant, students will become versed in archaeological excavation techniques, artifact identification, metal detector survey, and professional development. This field school has an excellent reputation for preparing students for graduate studies and for entry-level positions in cultural resource management. Please direct inquiries for registration to Dr. Jonathan Burns: [burns@juniata.edu](mailto:burns@juniata.edu)



## Field Technician Positions

The SCA, in partnership with the Pennsylvania Department of Conservation and Natural Resources (DCNR), is seeking Crew Members to join the Cultural Resources Crew. The CRC is intended to provide aspiring archaeologists and preservationists the professional skills to build successful careers in land and resource management. During a season with the Outdoor Corps, members will gain the skills needed to become field technicians.

The CRC will complete preservation oriented projects throughout Pennsylvania's extensive park and forest system. Projects may include: Phase I archaeological and above-ground historic resource surveys, resource inventory, resource/site assessment, and research-oriented investigations. Crew members will be provided multiple opportunities to attend and participate in training and educational activities related to cultural resource management. Most work and activities take place outdoors or in a lab setting in all seasons and weather and involves physically demanding labor.

### POSITION REQUIREMENTS

- Applicants should hold a degree (BA or BS) in Anthropology, Archaeology, History, Architectural History, Historic Preservation or a related field.
- Preference will be given to those with a strong background in cultural resources management and/or Section 106 of the NHPA; experience in field and laboratory settings; Phase I, II, or III survey methods and data analysis; writing for technical publication and public outreach; curation of archaeological or archival materials; and experience working with state and/or federal agencies.
- Candidates should have an interest in pursuing careers in cultural resource management, archaeology, or architectural history with state and/or federal agencies, non-profit organizations engaged in conservation or preservation of natural or historic resources, or private cultural resource management firms.
- Must have a valid Drivers License and access to a personal vehicle - \*Travel Required
- Willing to camp outdoors and spend up to a week away from home. (Necessary gear provided)

### APPLY NOW!



Interested candidates should scan the code to complete a basic survey of interest and also submit a current resume or CV along with a writing sample to:  
[paoutdoorcorps@thesca.org](mailto:paoutdoorcorps@thesca.org)

Please put 2023 CRC in the subject line

**Application Deadline:** January 1st, 2023

## PENNSYLVANIA OUTDOOR CORPS

### Cultural Resource Crew



**Position Dates:**  
March 20th - December 5th, 2023

**Weekly Schedule:**  
Monday - Friday (37.5 hrs/wk)

**Compensation:**  
\$15.00/hr + Benefits Package

**Location:**  
Work takes place across Pennsylvania



Please share this flyer with those recent graduates or young professionals that you might know the advertising the positions available for DCNR's upcoming 2023 Cultural Resources Crew (CRC), part of the PA Outdoor Corps program administered by the Student Conservation Association. The CRC is intended to provide aspiring archaeologists, architectural historians, and preservationists the professional skills to build successful careers in land and resource management. During a season with the Outdoor Corps, members will gain the skills needed to become field technicians.

The CRC will complete preservation-oriented projects throughout Pennsylvania's extensive park and forest system. Projects may include: Phase I archaeological and above-ground historic resource surveys, resource inventory, resource/site assessment, and research-oriented investigations. Crew members will be provided multiple opportunities to attend and participate in training and educational activities related to cultural resource management. Most work and activities take place outdoors or in a lab setting in all seasons and weather and involves physically demanding labor.

**Angela Jallet-Wentling, M.A., RPA, Phone: 717.798.2753 | Cell: 724.699.2874**  
E-mail: [ajalletwe@pa.gov](mailto:ajalletwe@pa.gov) [www.dcnr.state.pa.us](http://www.dcnr.state.pa.us) | [www.visitPAparks.com](http://www.visitPAparks.com)

The Society for Pennsylvania Archaeology, Inc.  
P.O. Box 213  
New Bethlehem, PA 16242

**RETURN SERVICE REQUESTED**

Time to renew your  
SPA 2023 membership

**Nominations for row officers will be held at Annual Meeting. The full slate will be presented in the SPA Newsletter Spring edition and on the SPA website. If you would like to serve, contact one of the officers below.**

**The Society for Pennsylvania Archaeology, Inc.**

President	Kira Heinrich, <a href="mailto:preslerheinrich@gmail.com">preslerheinrich@gmail.com</a>
President-elect:	Chuck Williams, <a href="mailto:chuckwilliams2019@outlook.com">chuckwilliams2019@outlook.com</a>
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Treasurer:	Kenneth Burkett, P.O. Box 213, New Bethlehem, PA 16242, <a href="mailto:kenburkett@comcast.net">kenburkett@comcast.net</a>
Editor:	Roger Moeller, <a href="mailto:alchemy60@sbcglobal.net">alchemy60@sbcglobal.net</a>
Webmaster:	Roger Moeller, <a href="mailto:alchemy60@sbcglobal.net">alchemy60@sbcglobal.net</a>
Facebook:	Jonathan Libbon, <a href="mailto:jlibbon@gmail.com">jlibbon@gmail.com</a>

**Officers 2022-23**

**Send SPA Newsletter information to the Secretary**

**Newsletter Deadline: March 1, 2023**

**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

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