

The Uncompahgre Journal

April 2023 CHIPETA CHAPTER OF THE COLORADO ARCHAEOLOGICAL SOCIETY Volume 40 Issue 4

Our April Presentation

Mark Your Calendar

Apr 5: [Montrose County Historical Society](#) monthly meeting with Allan Distal, manager of the Bostwick Park Water Conservancy District discussing the Cimarron Canal, its history, development, current importance, and maintenance. Rooms 1 and 2, Montrose County Events Center, 7:00 pm.

Apr 12: The Forum, with Dr. Donald Paulson on the Peaks of the Uncompahgre. Cascade Hall, CMU-Montrose campus, corner of S 3rd and Cascade. Please use the glass doors on Cascade to enter the building. 8:00-9:00 am.

Apr 12: [San Juan Basin Archaeological Society](#) monthly meeting with Bruce Bradley on the peopling of South America. The Lyceum at the Center of Southwest Studies at Fort Lewis College, 7:00 p.m.

Apr 19: Chipeta Chapter monthly meeting with Katy Corneli on Archaeological Conservation (*right*). Montrose United Methodist Church, South 1st and Park Streets, 7:00 pm.



An Introduction to Archaeological Conservation

by Katy Corneli

Archaeological excavation serves a noble purpose in the pursuit and preservation of scientific information but it is not without consequences to the site or the artifacts within. Ironically, objects that have survived for thousands of years in the ground often become at greater risk of decay once removed. Archaeological conservation, which aims to preserve and protect the integrity of cultural heritage, promote scientific research, and enhance public understanding of the past, is therefore a crucial component of the broader field of archaeology.

This talk will give an overview of the art, science, and ethics of archaeological conservation using case studies relevant to the Colorado Plateau. We will explore the difference between restoration, preservation, and conservation and highlight key components such as documentation, assessment, stabilization, and treatment of artifacts and sites. We'll discuss the basics, like what materials to use, and delve into more complex issues such as how to know when to contact a professional.



Our April Speaker: Katy Corneli

Katy Corneli is the Collections Manager and Conservator at the USU Eastern Prehistoric Museum in Price where she is responsible for preventive and interventive conservation of more than 70,000 archaeological artifacts and paleontological specimens. She holds an M.A. in The Conservation of Archaeological and Museum Objects from Durham University, UK and a B.A. in Archaeology, Anthropology, and Art History from the University of East Anglia, UK. She specializes in objects conservation and collections care. Before working at the Prehistoric Museum she cared for art and artifacts at Historic Jamestowne and Colonial Williamsburg, in Virginia, and at the Utah Museum of Fine Arts in Salt Lake City.

Photo courtesy of Katy Corneli



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President's Corner

by Sally Johnson

Photo by Sally Johnson

Welcome to April in Colorado! There are a couple of items that I would like to put out to the membership for your input.

It has been suggested that we start the monthly meeting at 6:00 pm instead of 7:00 pm. I asked at the last meeting and there was only one no, while many expressed that it would be great, especially for the members/guests traveling from Grand Junction or the Hotchkiss area. It seems that many of our members are ageing and that driving at night is keeping them from attending the meetings. We would not be changing until September.

The other topic is the Squint and Juanita Moore Scholarship Fund. The Board has been discussing this fund for some years, and we have voted to dissolve the fund. There were many factors in this

tough decision. One, there is often not enough money in the fund to fully fund the scholarship. Two, there is a decline in applications for the scholarship. We also found out that the money in the fund belongs to the Montrose Community Foundation and the fees to manage the fund (along with the stock market) have become untenable. We will keep you updated with the process because our discussion has to go to the Board of Directors of the Foundation for the final decision. The good news is that the Chipeta Board has looked at giving two grants: one to Crow Canyon Archeology Center in Cortez and the other grant to the Colorado Council of Professional Archeologists for their scholarship program. As always, we are open to any input or questions concerning these donations. The Board would like to thank the Scholarship committees past and present for their valuable history and knowledge with wonderful input on this tough decision.

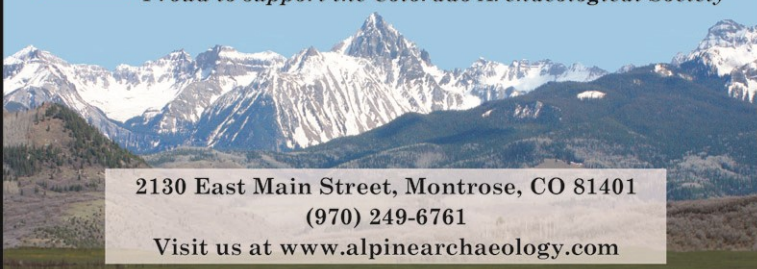
Another topic is the Program for Avocational Archaeological Certification (PAAC) through the History Colorado programs. At this time it is in the reorganization planning stages. I am discussing programs with the CAS Education and Outreach Committee and I will give you the updates as soon as I can.

Just think, we only have two more general meetings before the summer is upon us, which is hard to believe with the snow on the ground. We will be having a members-only special trip to Shavano Valley Petroglyphs in May with Russ Barr and Alma Evans as our guides. We have not set up a date yet, but we will be sending out a notice. May is Archaeology & Historic Preservation Month and what a way to celebrate the month with a visit to this site!



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**Chipeta Chapter of CAS
Board of Directors meeting
BLM Office, 2:30 p.m.
January 18, 2023
MINUTES**

Present: Sally Johnson, President; Leigh Ann Hunt, Vice President; Susan Henderson, Secretary; Jim Douras, Treasurer; Nick Ard, CAS Representative; Bill Harris, Scholarship Committee; Fred Henderson, Scholarship Committee; Jon Horn, Scholarship Committee; and Sara Plumhoff, Executive Director of Montrose Community Foundation

Sally called the meeting to order at 2:40 p.m.

Sara Plumhoff began the meeting with a thorough presentation on MCF and the Squint and Juanita Moore Scholarship:

MCF has total assets of \$5,500,000, conservatively invested in short and long term funds.

Scholarship fees are 1.75% charged quarterly. In the 2021-2022 June-July fiscal year, fees on the Moore scholarship balance were \$450. To date, fees are \$182.20.

Although MCF promotes the Moore scholarship with 13 colleges and universities and 5 school districts, we have only minimum number of applicants. Sara believes the low dollar award juxtaposed with the detailed task of application inhibits the number of respondents.

As of 12/31/2022, the Moore Scholarship has \$20,870 invested and a spendable fund of \$600, totaling \$21,471.

The funds belong to MCF. We can distribute them as scholarships or we can distribute them as grants.

Nick reported on the state Alice Hamilton scholarship process. They do their own advertising and write a check to the recipient.

Leigh Ann reported on the Grand Junction CAS scholarship. They solicit only at CMU in GJ, and individual awards are pooled with all other scholarships in a total "pot" that students can draw from as needed/appropriate.

Jim reported that on average, about \$300/year is donated to the Scholarship fund at MCF.

After much group discussion, Susan moved and Leigh Ann seconded that we give away all the balance in grants. At our February meeting, we'll discuss to whom to give grants. Possibilities include:

- *Crow Canyon Archeology Center
- *a Bears Ears non profit (Bill will send us specific info) in Utah
- *Alice Hamilton State CAS Scholarship
- *CCPA
- *Other

We can give one entity all the Scholarship money or we can divide the Scholarship money into several grants. The grants can be yearly small donations or we can give our Scholarship balance away entirely. *A final decision will be made at our February Board meeting.*

The meeting was adjourned at 4:10 p.m.

Respectfully submitted,

Susan Henderson
Secretary

Treasurer's Report

The YTD Profit & Loss report reflects a strong beginning to the year:

- membership dues are up over \$200; Sally indicates that Chipeta has a significant increase in new members this year.
- donations and the silent auction are up nearly \$450; it appears this is due to in-person meetings after the covid pandemic.

The Balance Sheet reflects the strong cash position of the chipeta chapter of CAS with over \$14,000 in our bank account. The board is considering a contribution to a local archeological project to carbon date some findings from a dig, or bringing in a speaker from further away to broaden the focus of presentations at our monthly meetings. Any thoughts from members will be considered by the board.

Jim Douras MBA,CPA (inactive)
Treasurer

9:16 AM

03/16/23

Accrual Basis

Colorado Archeology Society Profit & Loss Prev Year Comparison January 1 through March 16, 2023

	Jan 1 - Mar 16, 23	Jan 1 - Mar 16, 22	\$ Change	% Change
Income				
Cash Midden	55.00	58.00	-3.00	-5.2%
Donations	350.00	0.00	350.00	100.0%
Membership Dues	735.00	528.00	207.00	39.2%
Silent Auction	86.00	0.00	86.00	100.0%
Total Income	1,226.00	586.00	640.00	109.2%
Expense				
Audio/Visual - Steve Gray	150.00	0.00	150.00	100.0%
CAS Annual Meeting expenses				
Payment to CAS - 25% of net	0.00	437.50	-437.50	-100.0%
Total CAS Annual Meeting expenses	0.00	437.50	-437.50	-100.0%
Dues to CAS	40.00	0.00	40.00	100.0%
Hotel Room	0.00	0.00	0.00	0.0%
Meeting room rent	100.00	150.00	-50.00	-33.3%
Speaker fees	200.00	50.00	150.00	300.0%
Speaker meals	50.00	30.00	20.00	66.7%
Total Expense	540.00	667.50	-127.50	-19.1%
Net Income	686.00	-81.50	767.50	941.7%

9:17 AM

03/16/23

Accrual Basis

Colorado Archeology Society Balance Sheet Prev Year Comparison As of March 16, 2023

	Mar 16, 23	Mar 16, 22	\$ Change	% Change
ASSETS				
Current Assets				
Checking/Savings				
Checking account	14,387.66	12,917.93	1,469.73	11.4%
Total Checking/Savings	14,387.66	12,917.93	1,469.73	11.4%
Total Current Assets	14,387.66	12,917.93	1,469.73	11.4%
TOTAL ASSETS	14,387.66	12,917.93	1,469.73	11.4%
LIABILITIES & EQUITY				
Equity				
Opening Balance Equity	2,148.70	2,148.70	0.00	0.0%
Unrestricted Net Assets	11,552.96	10,850.73	702.23	6.5%
Net Income	686.00	-81.50	767.50	941.7%
Total Equity	14,387.66	12,917.93	1,469.73	11.4%
TOTAL LIABILITIES & EQUITY	14,387.66	12,917.93	1,469.73	11.4%

From the Editor

This month I was struck by research relating to language and its effects on its speakers. Back in the 1930s a prominent anthropologist, Edward Sapir, and one of his students, Benjamin Whorf, began hypothesizing that the language used by a society influences the way that society interacts with its environment. That is, the structure of the language affects the structure of the culture. This became known as the Sapir-Whorf hypothesis, though neither man formally proposed it as a hypothesis. It has been much discussed well beyond the discipline of anthropology, and as with many bold theories, it has strong defenders and strong detractors. Most detractors feel strongly that it is the other way around, or perhaps a two-way dialog. Some supporters went so far as to suggest that language actually determines elements of the culture. This “strong” version asserts that the nature of the language *creates* the “cognitive structure” of the culture.

For me, this is sort of a thought puzzle, perhaps: something you play around with for a little while before you decide that language and culture are far too intricately intertwined with each other to ever sort out which determines the other. Nevertheless, some researchers have had some success in showing how language categories might influence world view. But that’s not what I came here to talk to you about. Or maybe it is. I’ll let you decide.

I learned this week that brain scientists have confirmed that people who speak structurally different languages may end up creating different patterns of communication between and within the language hemispheres of the brain. Researchers studied a cohort of 94 people, of whom 47 were native German speakers and 47 were native Arabic speakers. Each participant spoke only one native language. All were subjected to high resolution MRIs which were interpreted using some geeky network statistical techniques.

Before I tell you the result, you should know that German and Arabic are very different kinds of languages, structurally. German is described here as being syntactically complex; that is, the grammar is complex, and the word order is fairly flexible with a high amount of

“dependency relations of distant sentence elements....” Arabic is described as being semantically complex: the word order is more fixed, but much of the meaning is encapsulated within the words, which consist of the root and lots of modifying parts that determine the ultimate meaning of the sentence. Here’s how the article describes Arabic words: “they are primarily characterized by a rich non-linear or non-concatenative morphological structure.” Because of the very different nature of the two languages, the researchers expected the native speakers to use very different parts of their brains.

And that’s what they found. German speakers had very strong connections between regions within the left hemisphere of the brain, whereas the Arabic speakers had fewer connections within the left hemisphere, but more connections between the left and right hemispheres. These results fit with prior knowledge of the way different parts of the brain are engaged when dealing with syntax and semantics, apparently.

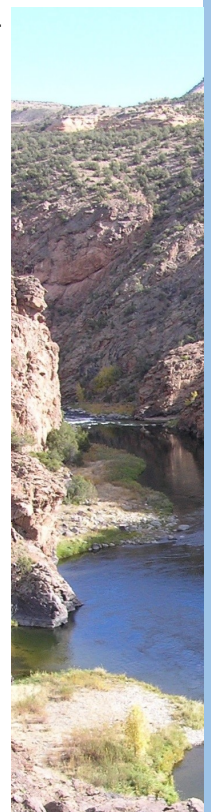
This brings us back to the strong version of the Sapir-Whorf hypothesis and the idea that language determines a society’s cognitive structure. Change that to “Language causes a particular connective structure in the brain,” and you apparently would be describing the results of this study. Note that I say this with a certain amount of levity. I don’t necessarily think this proves the strong version right. The creation of connections in the brain doesn’t exactly equate with cognitive structure. That is, just because your brain uses resources in different ways, doesn’t mean that you view the world and structure your life in different ways. Also, we might ask whether the researchers have definitively ruled out any other potential cause of the connectivity differences between the two groups. Still, it’s an intriguing study.

References:

Demming, Anna

2023 Your native language may shape the wiring of your brain. [LiveScience.com](https://www.livescience.com/100000-native-language-may-shape-the-wiring-of-your-brain/), accessed March 30, 2023.

Xuehu Wei, Helyne Adamson, Matthias Schwendemann, Tomás Goucha, Angela D. Friederici, Alfred Anwander
2023 Native language differences in the structural connectome of the human brain. *NeuroImage* 270. <https://doi.org/10.1016/j.neuroimage.2023.119955>



Chipeta Chapter
Colorado Archaeological Society
P.O. Box 593
Montrose, Colorado 81402



Membership Application

Date: _____

Name: _____

Street or RR Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____

Email: _____

(email required to receive Chipeta Chapter newsletters & field trip info)

Check One:

☐ New

☐ Renewal

Annual Dues* (includes state CAS dues): Check one

☐ Family (2 or more members same household)\$40

☐ Individual\$35

☐ Student (Circle if Individual or Family)\$25

☐ Secondary (Circle one) Individual (\$10) or Family... (\$15)

☐ Opt out of printed *Southwest Lore*

**Southwest Lore* is the journal of the Colorado Archaeological Society: print copies are mailed quarterly, and a .pdf is posted to Member365 for download.

Photos by Dennis DeVore



Code of Ethics

As a member of the Colorado Archaeological Society, I pledge to:

- Uphold local, state, and federal antiquities laws.
- Respect the property rights of landowners.
- Report vandalism to appropriate authorities.
- Support only scientifically and legally conducted archaeological activities.
- Conduct field and/or laboratory activities using professionally accepted standards.
- Not condone the sale, exchange, or purchase of artifacts obtained from illegal activities.
- Be sensitive to the cultural histories and spiritual practices of groups that are the subject of archaeological investigation.
- Accept the responsibility, if serving as principal investigator, to publish the results and make the collection available for further study.

Signature: _____ Other Family Signature: _____

Make checks payable to "Colorado Archaeological Society" and mail the signed application to:

Chipeta Chapter
P.O. Box 593, Montrose, CO 81402

CHIPETA CHAPTER BOARD MEMBERS

- **President:** Sally Johnson, president@chipetachaptercas.org
- **Vice Pres:** Leigh Ann Hunt, vp@chipetachaptercas.org
- **Secretary:** Susan Henderson, secretary@chipetachaptercas.org
- **Treasurer:** Jim Douras, treasurer@chipetachaptercas.org
- **CAS Rep:** Nick Ard, casrep@chipetachaptercas.org

STANDING COMMITTEES

- **Newsletter:** Dave Batten, editor@chipetachaptercas.org
- **Membership:** Sally Johnson, membership@chipetachaptercas.org
- **Site Steward Coordinator (acting):** Leigh Ann Hunt, sitestewards@chipetachaptercas.org
- **Library:** Linda Manske, library@chipetachaptercas.org

OTHER COMMITTEES AND POSTS

- **Scholarship:** Jon Horn / Bill Harris / Fred Henderson, scholarships@chipetachaptercas.org

CHIPETA CHAPTER WEBSITE

- <https://www.chipetachaptercas.org>

TO JOIN OR RENEW:

- Go to the Chipeta Chapter website and follow the membership links.

Want More?

Archaeology Southwest is a great link to find out about current issues and events relating to Southwest Archaeology.

Field Trip Committee

Leigh Ann Hunt, Joe Oglesby, and George Decker

For more information on upcoming field trips and to sign up, please contact the Field Trip Leader

Masthead photo courtesy of Carol Patterson. All other unattributed photos are by the editor.