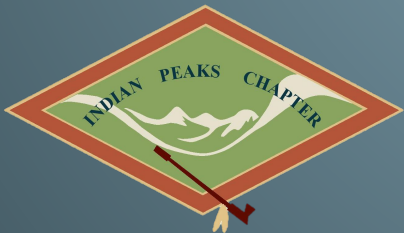


# Engaging with Archaeology In Boulder County and Beyond



Presented by the  
Indian Peaks Chapter of the Colorado Archaeology Society



# Introduction

## ***IPCAS and the Colorado Archaeological Society***

A non-profit organization committed to the stewardship of archaeological resources in Colorado through public education, research, conservation, and enhanced opportunities for responsible participation in archaeology for interested individuals and organizations.

**Allison Kerns** is the Outreach Board Member for IPCAS, and a professional archaeologist with a specialty in public outreach and Landscape Archaeology.

**Chris Kerns** is the Communications Board Member for IPCAS, and a professional archaeologist with a specialty in British Neolithic Archaeology, Landscape Archaeology, and Public Engagement.





# *What is Archaeology?*

**...is anything created by people that is 50 years old, or more.**



**...is the study of material culture in space and time.**

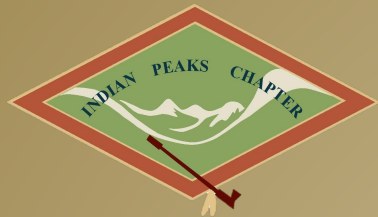
## *Archaeology?*

**...is the study of people through the things that they leave behind.**



**“...is the search for fact, not truth...So, forget about any ideas you’ve got about lost cities, exotic travel, and digging up the world/ We do not follow maps to buried treasure, and X never, ever marks the spot. - Indian Jones and the Last Crusade**

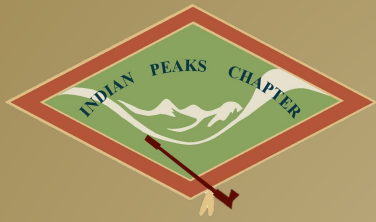




# Archaeology of Boulder County



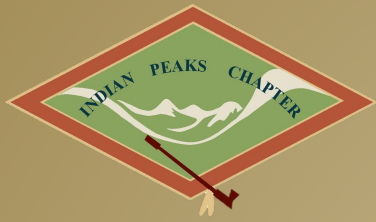
Main Cultural Period	Sub-Period	Date Range
Paleoindian	Pre- Clovis?	Pre 12,000 BC
	Clovis	12,000 to 11,000 BC
	Folsom	11,000 to 10,000 BC
	Plano	10,000 to 8,800 BC
Archaic	Early Archaic	8000 to 5000 BC
	Middle Archaic	5000 to 2500 BC
	Late Archaic	2500 BC to 150 AD
Late Prehistoric	Early	150 AD to 1150 AD
	Middle	AD 1150 to AD 1650
Protohistoric		AD 1650 to AD 1800
Historic	Early Historic	AD 1800 to 1842
	Pre-Territorial	AD 1842 to 1868
	Territorial	AD 1868 to 1890
	Expansion	AD 1890 to 1920
	Depression	AD 1920 to 1939
	Modern	AD 1939 to Present



# The Mahaffy Cache

- Clovis Tool Cache at least 13,000 years old (11,000 BC)
- Named after Boulder resident and landowner Patrick Mahaffy
- Consists of 83 stone implements
- Discovered 2008 by Brant Turney, working as a landscaper, packed tightly in a hole about the size of a shoebox
- Stone used for tools from as far away as Utah
- On display at the CU Museum





# Rock Creek & Zaharias Sites

Owned by Boulder County Parks and Open Space



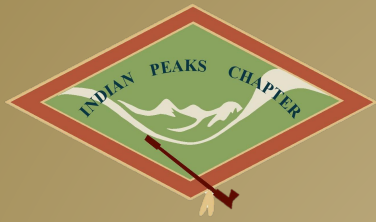
## **ROCK CREEK SITE**

- Archaic through Ceramic Period Site
- Excavated 1990-1993 by IPCAS
- Consists of fire pits, chipped and ground stone tools, bone tools, ceramics, plant remains, animal remains

## **ZAHARIAS SITE**

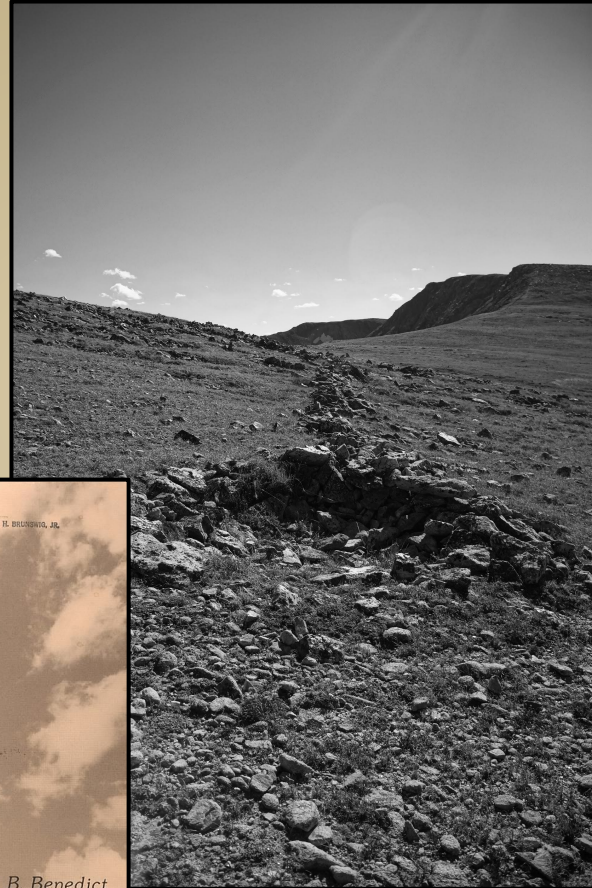
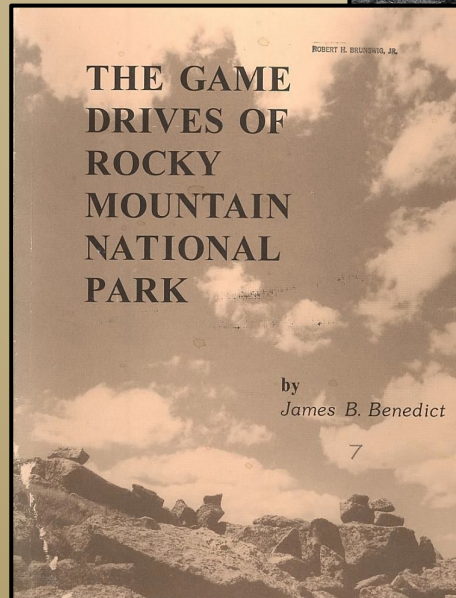
- Discovered 2008 eroding out of the creek bank
- Identified as a specialized game-processing site from the Early Ceramic Period
- Processed bison, elk, deer, and pronghorn





# High Altitude Archaeology & Game Drives

- Ubiquitous within the Indian Peaks area of the County
- Albion Cultural Complex named after a site associated with game processing (Near Mount Albion)
- Known about since 1930s
- Famous in Rocky Mountain National Park





# Ramey Barn

Boulder County Parks and Open Space



- One of the oldest still standing homesteads in the County
- Damaged during 2013 Flood Event

- Dated using "dendrochronology" to 1860-1870s
- Prehistoric artifacts found on site as well





# Common Prehistoric Artifacts & Features





# *Common Historic Artifacts & Features*





# *Beyond Boulder County - Colorado*





# *Beyond Boulder County - USA*





# *Beyond Boulder County - International*





# Who is An Archaeologist?

## ARCHAEOLOGISTS



what my friends think i do



what my mom thinks i do



what society thinks i do



what video games think i do



what i think i do



what i'm actually doing

- Work for a Cultural Resource Management or Environmental Resources company. (Majority)
- Work for a government agency managing archaeological resources on public lands, or informing public policy.
- Work for a university or museum.
- Work for a museum as a curator.
- Work at permanent archaeological sites.
- May, or may not, have a degree in archaeology.
- All archaeologists are scientists.

# *An Archaeologist is Not...*



- ...An adventurer, a grave robber, a tomb raider... we really do spend most of our time behind a computer, or “in the library.”
- ... A paleontologist. We do not dig up dinosaurs. (Though archaeology and paleontology have a lot in common.)
- ...A member of law enforcement, or some sort of secret police. An archaeologist will not take your land.
- ... A member of some secret society determined to hide interesting discoveries.



# *Who Can Participate in Archaeology?*

***EVERYONE***

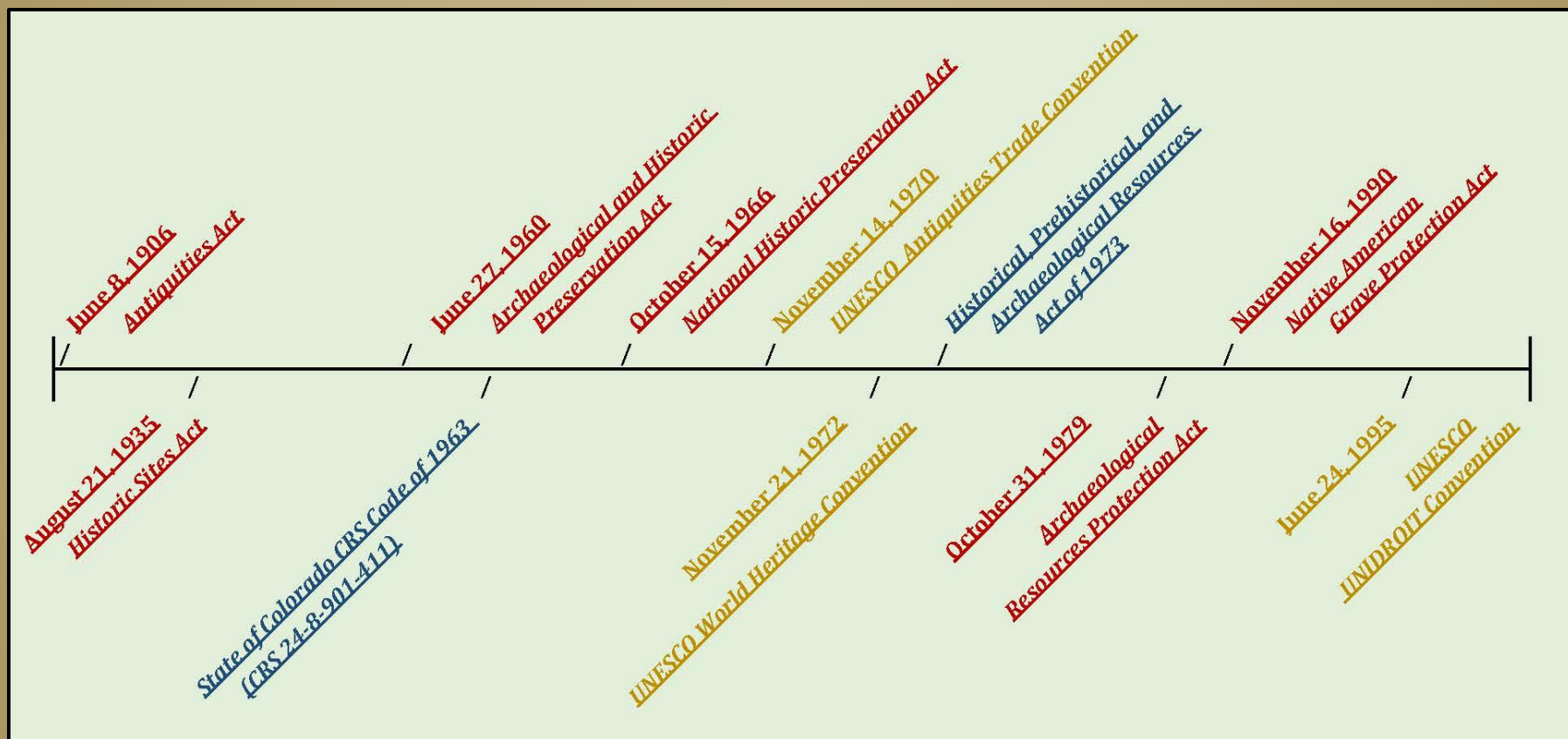
... And anyone, who is interested, and willing to show respect for past peoples, their cultures, and the things that they have left behind.



Archaeology is a tangible way to connect with the past of your community, your country, your culture, and the human race. **All that you need to be a responsible steward of the past is respect, an open mind, and knowledge of a few rules...**



# How Archaeology is Protected





# *Archaeology on Public Lands*

ENJOY IT by...

- Visiting
- Learning something
- Using your imagination
- Obeying any instructions
- Taking photos

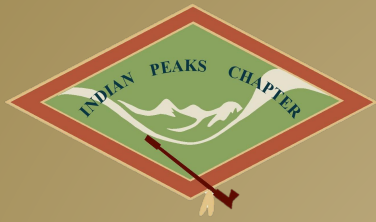
**Just like other resources on public lands it is being held in trust for you, for others, and for future generations.**

Do Not...

- Pick it up
- Move it
- Vandalise it
- Climb on it if instructed not to

It is illegal to remove an archaeological artifact (or a fossil) from public land.





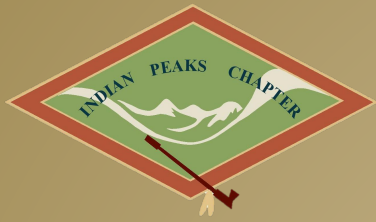
# *Archaeology on Private Lands*

Show the same respect you would for someone else's property in any other circumstance.

- Archaeology on private land is controlled by the land owner.
- Do not trespass in order to visit an archaeological site.
- Do not remove artifacts without the land owner's express permission.



Don't Do This.



# *Respect, Protect, and Leave No Trace*

If you are unsure what you should do, your best option is always to leave things as you found them.

Take a look at the Leave No Trace Seven Principles:

<https://lnt.org/learn/7-principles>

These principles apply to archaeology too!

Check out the BLM and Tread Lightly's Respect and Protect campaign and resources:

<https://www.treadlightly.org/programs/respect-and-protect/>

This campaign is specific to Utah, but the principals apply everywhere.

A poster for the "Respect and Protect" campaign. At the top, a black banner contains the text "Keep Our Heritage Intact For Future Generations" in white. Below this, a large, tilted black box with white text reads "RESPECT AND PROTECT". The background of the poster shows two broken, ancient clay pots on a rocky surface. At the bottom, a black banner features the text "ONLY CRACKPOTS CRACK POTS" in large, white, bold letters. Below this, on the left, is the text "800 722 3998 LOOTING and VANDALISM REPORT" in orange and white. On the right, it says "This Public Service Announcement powered by:" followed by the "treadlightly!" logo and the text "ON LAND AND WATER".



# *Collecting, Metal Detecting, and Other Related Activities*

**Are illegal on all public lands!**

**Collecting archaeological artifacts without permission, on public or private land, is looting.**

Collecting is not illegal on private land, as long as you have permission from the land owner.

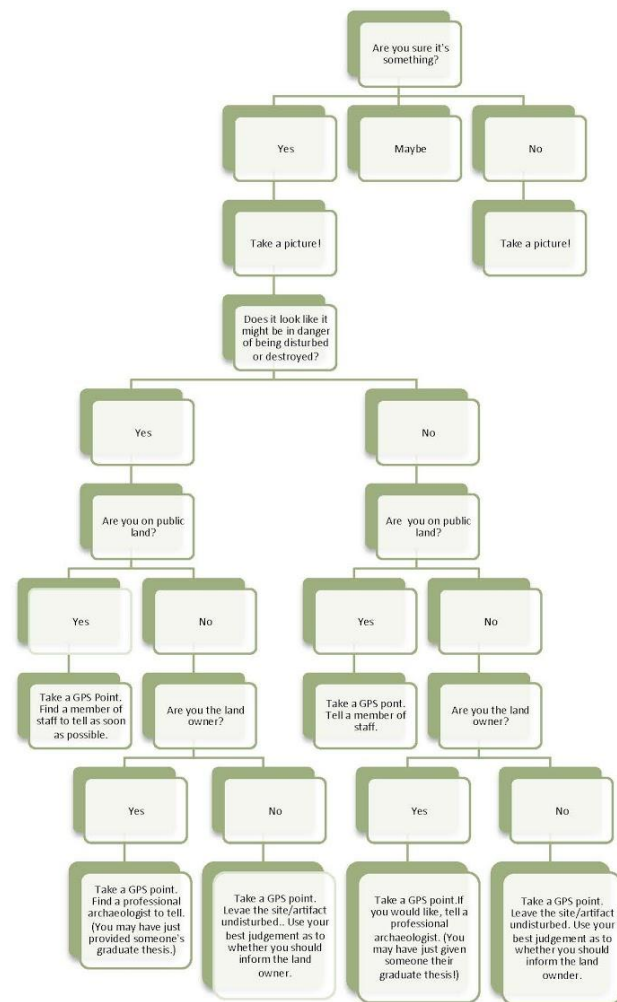
However, where an archaeological artifact is found is what gives archaeologists most of the important information about the artifact, and informs future research. When you remove an artifact from its location without recording certain information, you destroy much of the artifact's informational value.

If you are collecting on private land, with permission, here are things you can do to preserve the informational value of the artifacts.

- Record its location using a GPS. (You can get free GPS apps for your smart phone! We suggest Polaris GPS.)
- Take photos of the landscape where you found the it.
- Make sure you keep this information with the artifact it relates to.



# *If You Think You Have Found Something...*





## *Who To Contact*

**Local University**  
CU Boulder

**State Historic  
Preservation Office  
(SHPO)**

*Media, Collectors,  
Craig's List,  
Bloggers*

**Local Societies  
(IPCAS)**

**Cultural  
Resource  
Management  
Firm**

**Owner/Agency**  
(NPS, USFS, County,  
City)

**National Society**  
(SAA, AIA)



# *Be An Involved Archaeological Steward By...*

## Being A Tourist

**There are wonderful archaeological sites in Colorado, the US, and Internationally that are open to the public.**

Become familiar with the archaeology in your own backyard (Colorado) by visiting:

- Mesa Verde National Monument
- Hovenweep National Monument
- Canyon of the Ancients
- Crow Canyon Archaeological Center
- Anasazi Heritage Center
- Falls Creek Archaeological Area
- Bent's Old Fort National Historic Site

In the US...

- Cahokia Mounds
- Chaco Canyon
- Poverty Point National Monument
- Hopewell Culture National Historical Park

In North America...

- Chichen Itza
- L'Anse Aux Meadows
- Tulum

**IPCAS organizes field trips for its members every year, to go and visit archaeological sites within Colorado.**





# *Be An Involved Archaeological Steward By...*

## Going to Lectures

### **IPCAS hosts a lecture series:**

- Second Thursday of every month, From September through May.
- 7:00pm
- CU Museum of Natural History

**IPCAS also published a monthly list of archaeology related lectures and events,** available through our newsletter and e-mail list.

### **Other Lectures and Events...**

- The Denver CAS chapter hosts lectures at the Denver Museum of Nature and Science
- The Archaeological Institute of America Boulder Chapter hosts a lecture series at the CU Museum of Natural History



### **Upcoming IPCAS Lecture...**

September 14  
7:00 pm  
CU Museum of Natural History  
Jessica Hedgepeth Balkin

Jessica is a recipient of the CAS Alice Hamilton Scholarship and a doctoral student at CU Boulder. She will be presenting on her research in Oaxaca, Mexico.



# *Be An Involved Archaeological Steward By...*

Keeping Informed



**Westerndigs.org**

HISTORY  Colorado

AMERICAN  
**ANTIQUITY**

VOLUME 81 NUMBER 1 JANUARY 2016



**SAA**  


SOCIETY FOR AMERICAN ARCHAEOLOGY



**SAA**  


SOCIETY FOR AMERICAN ARCHAEOLOGY

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# *Be An Involved Archaeological Steward By...*

## Donating

Many Archaeological Sites, and Archaeological Organizations could use your help.

- If you have a favorite archaeology focused National Park or Monument, consider donating to their friends group.
- Donate to archaeology Scholarship funds, such as the Alice Hamilton Scholarship Fund, Ward Weakly Scholarship Fund, or CCPA Native American Scholarship Fund
- Donate to archaeological societies doing work that you think is important, or to funds for specific archaeological projects.
- Become a member of organizations or societies that interest you. Your membership fees help support the society and their goals, just like a donation.
- Or donate your time by...





# *Be An Involved Archaeological Steward By...*

## Volunteering

**There are many activities you can take part in that support, or are related to archaeology:**

- Become a board member of a local society
- Volunteer at a local museum
- Volunteer to help out in an archaeological lab, working with artifacts
- Volunteer to assist on an archaeological survey
- Volunteer to assist on an archaeological excavation

You can also volunteer through:

Paleocultural Research Group (PCRG)  
**[www.paleocultural.org](http://www.paleocultural.org)**

**IPCAS's events calendar also lists opportunities to volunteer, and IPCAS publishes new volunteer opportunities in the monthly newsletter. We're always looking for new and exciting opportunities for our members.**





# *Be An Involved Archaeological Steward By...*

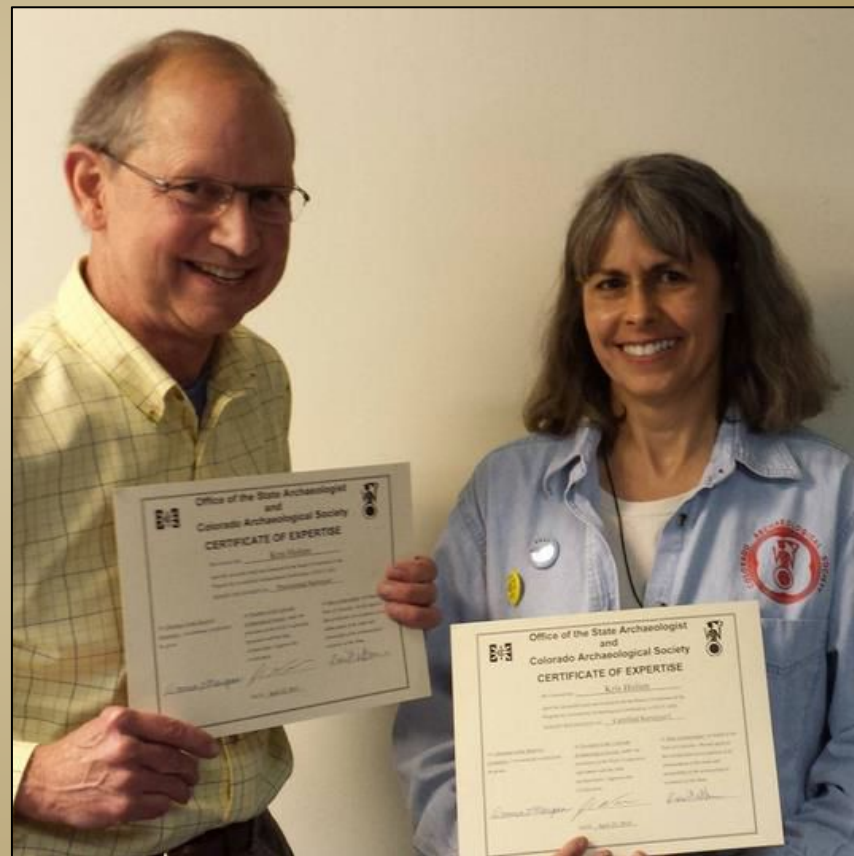
## *Taking A Class*

**University isn't the only option for learning about archaeology.**

**CAS offers a series of classes, called the Program for Avocational Archaeological Certification (PAAC).**

PAAC classes allow you to gain formally recognized experience and skills in archaeology.

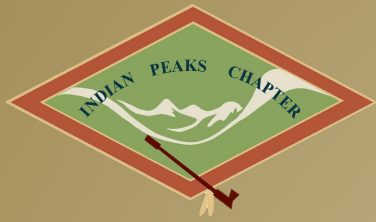
Occasionally there are other archaeology class opportunities as well. These are published in the IPCAS newsletter.





# Who Can Help You Get Involved?





# *The Indian Peaks Chapter of the Colorado Archaeological Society*



- Memberships ranging \$14-33 per annum
- Annual Field Trips
- Local Day Trips
- Monthly Lectures and Newsletter (Sept - May)

- Volunteer Opportunities (including sitting on the board)
- Great Social events (Holiday Party)
- Avocational Classes Offered
- Chance to work with local and international archaeologists





*Thank You!*

IPCAS website: <http://www.indianpeaksarchaeology.org>



[www.facebook.com/IndianPeaksArchaeology](http://www.facebook.com/IndianPeaksArchaeology)



@IndianPeaksCAS

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*Any Questions?*