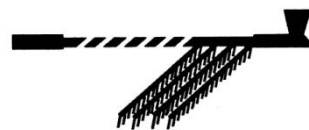


# CALUMET



Newsletter of the Indian Peaks Chapter of the Colorado Archaeological Society  
February 2014

## INDIAN PEAKS CALENDAR OF EVENTS

Presentation (lecture) meetings are held in the University of Colorado Museum (CU Museum), Dinosaur Room on the Second Thursday of most Months, at 7:00 PM. **The public is always welcome.**

Web Site: [WWW.INDIANPEAKSARCHAEOLOGY.ORG](http://WWW.INDIANPEAKSARCHAEOLOGY.ORG)

**Feb 6** **IPCAS Board Meeting** 7:00 pm. We welcome Member participation.  
Contact [IndianPeaksArchaeolog@gmail.com](mailto:IndianPeaksArchaeolog@gmail.com) if you are interested in attending.

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**Feb 13** **February Presentation Meeting**

### ***The Ancient Southwest***

Speaker: Steve Lekson

The current CU Museum exhibit "Ancient Southwest" (closes March 2014) tells the prehistory of that region. This presentation will explore how the exhibit came to be and what it was intended to do, followed by a tour of the exhibit.

7:00 pm. Dinosaur room, CU Museum. For directions and parking go to <http://cumuseum.colorado.edu/visit/directions>

**Mar 6** **IPCAS Board Meeting** 7:00 pm. We welcome IPCAS member participation.  
Contact [IndianPeaksArchaeolog@gmail.com](mailto:IndianPeaksArchaeolog@gmail.com) if you are interested in attending.

**Mar 13** **March Presentation Meeting**

### ***Geophysics and excavation at the Alonzo Allen cabin site near Allenspark***

Speaker: Heidi Short

From the use of GPR to Metal Detecting to digging, this presentation will describe the field work and research done on Alonzo Allen and his cabin's site near the town of Allenspark. Photos of the field work and explanation on the geophysics carried out at the cabin area will be included.

7:00 pm. Dinosaur room, CU Museum. For directions and parking go to <http://cumuseum.colorado.edu/visit/directions>

**Apr 3** **IPCAS Board Meeting** 7:00 pm. We welcome IPCAS member participation.  
Contact [IndianPeaksArchaeolog@gmail.com](mailto:IndianPeaksArchaeolog@gmail.com) if you are interested in attending.

**Apr 17** **April Presentation Meeting**

### ***Excavating and Remembering Ludlow***

Speaker: Dr Dean Saitta

On the morning of April 20, 1914, Colorado National Guard troops opened fire on a tent colony of 1,200 striking coal miners at Ludlow, Colorado. The troops continued shooting until late afternoon, then swept through the camp looting it and setting it aflame. When the smoke cleared twenty of the camps inhabitants were dead including two women and eleven children. The "Ludlow Massacre" was the most important event of the 1913-1914 Colorado Coal Field War. However, most Americans know nothing about it. This talk describes what we've learned from the first-ever archaeological excavations of the Ludlow Tent Colony, how that work

produces a more complete history of the massacre, and what we've been doing to keep the memory of Ludlow alive in school curricula and the public consciousness. It also discusses our involvement in winning Ludlow's 2009 designation as a National Historical Landmark. This watershed development testifies to what can happen when scholars and citizens make common cause to commemorate unhappy events that are often neglected by official, triumphal American history.

Note: Meeting is on the third Thursday of April.

7:00 pm. Dinosaur room, CU Museum. For directions and parking go to <http://cumuseum.colorado.edu/visit/directions>

**May 1**      **IPCAS Board Meeting** 7:00 pm. We welcome IPCAS member participation. Contact [IndianPeaksArchaeolog@gmail.com](mailto:IndianPeaksArchaeolog@gmail.com) if you are interested in attending.

**May 5**      **Special Presentation on Chaco** 7:00 pm. Steve Lekson on Chaco  
7:00 pm. Dinosaur room, CU Museum. For directions and parking go to <http://cumuseum.colorado.edu/visit/directions>

**May 15**      **May Presentation Meeting**  
**Topic: TBD**  
7:00 pm. Dinosaur room, CU Museum. For directions and parking go to <http://cumuseum.colorado.edu/visit/directions>



**Participate in the IPCAS!** We have lots of volunteer opportunities for a wide variety of skills and interests. Please consider volunteering for IPCAS. Volunteering with IPCAS is a great way to participate in archaeology, meet archaeologists, give back to IPCAS and share your interest with other like-minded folks.

Some current open positions include

- Secretary
- Outreach Coordinator
- Newsletter Editor
- PAAC Coordinator
- Internet Coordinator

**Please contact us at [indianpeaksarchaeology@gmail.com](mailto:indianpeaksarchaeology@gmail.com) or contact any of the IPCAS Board Members to learn more.**

**Gretchen Acharya of the Indian Peaks chapter received the Laboratory Trainee certificate, which is the second award for her. Congratulations to Gretchen!**



**Kevin Black, Assistant State Archaeologist Congratulating Gretchen Acharya on her recent Laboratory Trainee Certificate**

### **PAAC\* Certification- Earn Archaeological Certifications**

The Colorado Archaeological Society and the Office of the State Archaeologist of Colorado have teamed up to offer Archaeological Certification levels to Avocational Archaeologists. Like Gretchen, you can earn archaeological certifications,

The PAAC program allows CAS members and other citizens to obtain formally recognized levels of expertise outside and academic degree program. In addition to PAAC Classes (see page 9), there are various levels of certification.

Certifications available include

- Provisional Surveyor
- Certified Surveyor I
- Certified Surveyor II
- Specialty Surveyor I - Archaeology and Public Education
- Specialty Surveyor II - Designation of Properties to the State or National Registers
- Specialty Surveyor III - Rock Art Studies
- Specialty Surveyor IV - Independent Study - See more at:  
<http://www.historycolorado.org/archaeologists/certification-requirements#sthash.hhUIuFLh.dpuf>
- Certified Laboratory Trainee
- Certified Laboratory Technician
- Laboratory Credit
- PAAC Scholar

For more information on how to be certified, go to the PAAC website.

\*PAAC stands for Program for Avocational Archaeological Certification.



## ***The Ancient Southwest***

**Lecture and Tour of the exhibit currently at the CU Museum of Natural History by Steve Lekson**

**Thursday, February 13 at 7:00 pm, CU Museum of Natural History**

Speaker: Steve Lekson

The current CU Museum exhibit "Ancient Southwest" (closes March 2014) tells the prehistory of that region. This presentation will explore how the exhibit came to be and what it was intended to do, followed by a tour of the exhibit "Ancient Southwest: Peoples, Pottery and Place".

Curated by Steve Lekson, this exhibition features more than 100 rarely exhibited ceramics from the museum's celebrated southwestern collection and takes visitors through more than 1000 years (AD 500-1600) of southwestern history. Photographs of ancient southwestern ruins by noted aerial photographer Adriel Heisey provide a visual and dramatic frame of reference for the exhibition.

Lekson explains, "The striking pottery on display illustrates the remarkable range of Native societies, and their dramatic stories. The exhibit offers a new history of the ancient Southwest based on recent research and new insights."

With captivating and informative narrative provided by Lekson, the exhibition reduces one thousand years of what Lekson calls, "glorious, messy, and complicated human history," into a short, coherent, and enjoyable experience that challenges the conventional views of the ancient Southwest.

The exhibition is divided into seven areas representing the primary cultural groups that defined the ancient Southwest: Hohokam, Early Pueblo, Chaco, Mesa Verde, Mimbres, Casas Grandes, and Pueblo. Senior Exhibit Developer Charles Counter explains, "With an entire gallery devoted to a vast display of pottery and images of the limitless Southwest landscape, that has always been a part of the human experience in the Southwest, the exhibition will take visitors through the rises and falls, kings and commoners, war and peace, triumphs and failures of the ancient Southwest."

Dr. Stephen Lekson earned his doctorate from the University of New Mexico. After a decade with the National Park Service and shorter stints with the Arizona State Museum, the Museum of New Mexico, and Crow Canyon Archaeological Center, he landed at the University of Colorado Museum of Natural History, where he has been curator of anthropology. Among his books are *A History of the Ancient Southwest*, *The Chaco Meridian: Center of Political Power in the Ancient Southwest*, *Archaeology of the Mimbres Region*, *Salado Archaeology of the Upper Gila*, *Great Pueblo Architecture of Chaco Canyon*, *Nana's Raid*, and *Chaco Meridian*.





## **Chaco Canyon New Mexico - The Center of Chacoan Culture**

For all the wild beauty of Chaco Canyon's high-desert landscape, its long winters, short growing seasons, and marginal rainfall create an unlikely place for a major center of ancestral Puebloan culture to take root and flourish. Yet this valley was the center of a thriving culture a thousand years ago. The monumental scale of its architecture, the complexity of its community life, the high level of its community social organization, and its far-reaching commerce created a cultural vision unlike any other seen before or since.

The cultural flowering of the Chacoan people began in the mid 800s and lasted more than 300 years. We can see it clearly in the grand scale of the architecture. Using masonry techniques unique for their time, they constructed massive stone buildings (Great Houses) of multiple stories containing hundreds of rooms much larger than any they had previously built. The buildings were planned from the start, in contrast to the usual practice of adding rooms to existing structures as needed. Constructions on some of these buildings spanned decades and even centuries. Although each is unique, all great houses share architectural features that make them recognizable as Chacoan.

During the middle and late 800s, the great houses of Pueblo Bonito, Una Vida, and Peñasco Blanco were constructed, followed by Hongo Pavi, Chetro Ketl, Pueblo Alto, and others. These structures were often oriented to solar, lunar, and cardinal directions. Lines of sight between the great houses allowed communication. Sophisticated astronomical markers, communication features, water control devices, and formal earthen mounds surrounded them. The buildings were placed within a landscape surrounded by sacred mountains, mesas, and shrines that still have deep spiritual meaning for their descendants.

By 1050, Chaco had become the ceremonial, administrative, and economic center of the San Juan Basin. Its sphere of influence was extensive. Dozens of great houses in Chaco Canyon were connected by roads to more than 150 great houses throughout the region. It is thought that the great houses were not traditional farming villages occupied by large populations. They may instead have been impressive examples of "public architecture" that were used periodically during times of ceremony, commerce, and trading when temporary populations came to the canyon for these events.

What was at the heart of this great social experiment? Pueblo descendants say that Chaco was a special gathering place where many peoples and clans converged to share their ceremonies, traditions, and knowledge. Chaco is central to the origins of several Navajo clans and ceremonies. Chaco is also an enduring enigma for researchers. Was Chaco the hub of a turquoise-trading network established to acquire macaws, copper bells, shells, and other commodities from distant lands? Did Chaco distribute food and resources to growing populations when the climate failed them? Was Chaco "the center place," binding a region together by a shared vision? We may never fully understand Chaco.

In the 1100s and 1200s, change came to Chaco as new construction slowed and Chaco's role as a regional center shifted. Chaco's influence continued at Aztec, Mesa Verde, the Chuska Mountains, and other centers to the north, south, and west. In time, the people shifted away from Chacoan ways, migrated to new areas, reorganized their world, and eventually interacted with foreign cultures. Their descendants are the modern Southwest Indians. Many Southwest Indian people look upon Chaco as an important stop along their clans' sacred migration paths—a spiritual place to be honored and respected.



Una Vida great house ruins with Fajada Butte in the background

## **Pre- Announcement Chaco Trip – May 2014**

The Indian Peaks Chapter members Anne Robinson and Karen Kinnear are creating a trip to Chaco Canyon for members of the Indian Peaks Chapter, Colorado Archaeological Society.

Chaco canyon is known for its massive building built by the Ancestral Pueblans in North West New Mexico. During its heyday between 850 and 1250 AD the Chacoans built huge structures in the Canyon. The largest, Pueblo Bonito, had at least 500 rooms. We will be spending time at the 12 largest structures in Chaco Canyon, hiking up to 8 miles roundtrip to visit some of them.

Other days we will be seeing the influence Chaco had on outlying communities by visiting other Chacoan Great Houses also known as Outliers in the nearby area.

### **Trip will be May 17- May 25, 2014**

#### **Trip Highlights will include:**

- Pre- Trip Lecture by Steve Lekson on Chaco Canyon (all IPCAS members can hear Steve Lekson talk about Chaco)
- Hiking trails and visiting sites in Chaco Canyon
  - Visit Pueblo Bonito, Chetro Ketl, and the other Chacoan great houses and great kivas
  - Hike to Penasco Blanco and see the famous "Supernova" Pictograph on the way
  - Hike to Pueblo Alto and see the overlook down into Pueblo Bonito, see Pueblo Alto and New Alto great house sites. See Chacoan stairs, ramps, and roads.
  - Hike to Wijiji great house built around 1100 AD one of the later sites in the canyon.
- Camping in Gallo Campground
- Ranger Programs as provided by Chaco Canyon
- Day trip to Outliers South of Chaco
- Day trip to Great Northern Road and Outliers North of Chaco
- Visit to Salmon Ruins
- Visit to Aztec Ruins National Monument

Space on the trip will be limited. We will be sending out sign up information and a more detailed itinerary in the near future. Participants will need to be able to hike and travel in the back country. Camping in Chaco is primitive. This trip is not for everyone, but for those of us interested in hiking and camping and seeing ruins this should be a great experience.

Additional information and the opportunity to sign up will be sent to IPCAS members in early to mid February.

## **LIVING WEST EXHIBIT – History Colorado**



DENVER, CO. - A pair of Pueblo pitchers are displayed in the Living West exhibit at the History Colorado Center in Denver, CO November. The 7,000-square-foot exhibit is divided into three sections, Mesa Verde, the Dust Bowl and Our Mountains. (Photo By Craig F. Walker / The Denver Post)

### **Reminder - 2014 IPCAS Membership Dues are due now**

2014 memberships will not increase in price for members who opt to receive newsletters via email. For members who receive mailed newsletters there will be a price increase by \$10.00 per year to cover mailing costs.

How to renew- please see the last page of the newsletter. We appreciate your membership and support.



## PAAC Classes for Spring 2014

PAAC Classes are a great way to learn about Colorado Archaeology. The Boulder Colorado Archaeology Course is sold out, but other PAAC classes are still available around the state.

How to sign up? Visit the PAAC website at

1. <http://www.historycolorado.org/archaeologists/paac-program-introduction>.
2. Contact the local PAAC coordinator for the class you are interested in and see if space is still available and to sign up. Fees apply.

<b>January</b>		
*10-27	Denver	PAAC Laboratory Project
18	Denver	PAAC Board meeting
19	Denver	Archaeological Practice in Colorado
31	Dolores	Colorado Archaeology
<b>February</b>		
1-2	Dolores	Colorado Archaeology (continued)
7-9	Craig	Perishable Materials
19	Boulder	Colorado Archaeology (session 1 of 7)
21-23	Alamosa	Historical Archaeology
26	Boulder	Colorado Archaeology (session 2 of 7)
<b>March</b>		
5	Boulder	Colorado Archaeology (session 3 of 7)
8-9	Montrose	Archaeological Practice in Colorado
12, 19, 26	Boulder	Colorado Archaeology (sessions 4-6 of 7)
28-30	Pueblo	Prehistoric Ceramics Description & Analysis
<b>April</b>		
2	Boulder	Colorado Archaeology (session 7 of 7)
3	Denver	Lithics Description & Analysis (session 1 of 7)
4-6	Glenwood Springs	Prehistoric Ceramics Description & Analysis
8	Fort Collins	Rock Art Studies (session 1 of 7)
10	Denver	Lithics Description & Analysis (session 2 of 7)
12	Boulder or Pueblo	PAAC Board meeting at CAS quarterly meeting
15	Fort Collins	Rock Art Studies (session 2 of 7)
17	Denver	Lithics Description & Analysis (session 3 of 7)
22, 29	Fort Collins	Rock Art Studies (sessions 3-4 of 7)
<b>May</b>		
1	Denver	Lithics Description & Analysis (session 4 of 7)
2-4	Fountain	Perishable Materials
6	Fort Collins	Rock Art Studies (session 5 of 7)
8	Denver	Lithics Description & Analysis (session 5 of 7)
13	Fort Collins	Rock Art Studies (session 6 of 7)
15	Denver	Lithics Description & Analysis (session 6 of 7)
20	Fort Collins	Rock Art Studies (end, session 7)
22	Denver	Lithics Description & Analysis (end, session 7)
31	Durango	Field & Laboratory Photography
<b>June</b>		
1	Durango	Field & Laboratory Photography (continued)
10-14	Pawnee Buttes	Summer Training Survey
19-22	Pawnee Buttes	Summer Training Survey
*Lab project occurs on intermittent dates at the North Warehouse facility in central Denver.		

## 2014 IPCAS Officers, Board Members, and major functions

President	Anne Robinson		<a href="mailto:annerco@yahoo.com">annerco@yahoo.com</a>
Vice-President	Karen Kinnear	(303) 516-9260	<a href="mailto:kinnearkaren@hotmail.com">kinnearkaren@hotmail.com</a>
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Treasurer	Rosi Dennett	(303)499-0619	<a href="mailto:rosiplanning@yahoo.com">rosiplanning@yahoo.com</a>
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Archivist/Librarian	Kris Holien	(970) 586-8982	<a href="mailto:kjholien@aol.com">kjholien@aol.com</a>
Outreach Coordinator	Vacant		
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Board Member	Joanne Turner	(303) 494-7638	<a href="mailto:joanne.turner@colorado.edu">joanne.turner@colorado.edu</a>

### MEMBERSHIP APPLICATION - INDIAN PEAKS CHAPTER

Quarterly new member enrollment	Individual	Family	Student
January-March	\$28.50	\$33.00	\$14.25
April-June	\$21.50	\$24.75	\$10.75
July-September	\$14.25	\$16.50	\$7.25
October-December	\$7.25	\$8.25	\$3.75

☐ New   ☐ Renewal   Tax-Exempt Donation   ☐ \$10,   ☐ \$25,   ☐ \$50, Other \_\_\_\_\_  
 Newsletters, receive by \_\_\_\_\_ by email \_\_\_\_\_ by mail (add \$10 to above rates for mailed newsletters)  
 NAME \_\_\_\_\_ TELEPHONE (\_\_\_\_) \_\_\_\_\_  
 ADDRESS \_\_\_\_\_ E-MAIL \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

Please make check payable to: Indian Peaks Chapter, CAS. Mail to: PO Box 18301, Boulder, Colorado 80308-1301

#### I(We) give CAS permission to :

- Yes ☐ No ☐ disclose phone numbers to other CAS members  
 Yes ☐ No ☐ publish name/contact information in chapter directory  
 Yes ☐ No ☐ publish name in newsletter (which may be sent to other chapters, published on the internet, etc.)

#### CODE OF ETHICS

As a member of the Colorado Archaeological Society, I pledge: To uphold state and federal antiquities laws. To support policies and educational programs designed to protect our cultural heritage and our state's antiquities. To encourage protection and discourage exploitation of archaeological resources. To encourage the study and recording of Colorado's archaeology and cultural history. To take an active part by participating in field and laboratory work for the purpose of developing new and significant information about the past. To respect the property rights of landowners. To assist whenever possible in locating, mapping and recording archaeological sites within Colorado, using State Site Survey forms. To respect the dignity of peoples whose cultural histories and spiritual practices are the subject of any investigation. To support only scientifically conducted activities and never participate in conduct involving dishonesty, deceit or misrepresentation about archaeological matters. To report vandalism. To remember that cultural resources are non-renewable and do not belong to you or me, but are ours to respect, to study and to enjoy.

Signature: \_\_\_\_\_ Signature: \_\_\_\_\_

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P.O. Box 18301

Boulder, CO 80308-1301