

# Newsletter of the Indian Peaks Chapter of the Colorado Archaeological Society March, 2008

#### **CALENDAR OF EVENTS**

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

#### Web Site: WWW.INDIANPEAKSARCHAEOLOGY.ORG

March 6 March 13	Executive Board Meeting, 7:30PM at The Atrium <b>Presentation Meeting,</b> Dr. Nicole Branton, Topic: Tie	-Hacking Camps, See page 2
April 3 April 10 April 12 April 16	Executive Board Meeting, 7:30PM at The Atrium  Presentation Meeting, Dr. Frederic Sellet / Dr. Bob B. Topic: UNC's North Park Cultural Landscapes CAS Quarterly Meeting - Fort Collins (in conjunction virus) IPCAS Spring PAAC Course, see Page 4	Project
April 23 April 30	IPCAS Spring PAAC Course, see Page 4 IPCAS Spring PAAC Course, see Page 4	
May 1 May 7 May 8 May 14	Executive Board Meeting, 7:30PM at The Atrium  IPCAS Spring PAAC Course, see Page 4  Presentation Meeting, Jeff Campbell, Topic: Sand Cr  plus details on a possible tour of Sand Creek  IPCAS Spring PAAC Course (last session)	eek misconceptions and myths
July 26	CAS Quarterly Meeting - Cortez	Inside This CALUMET
August 7	Executive Board Meeting, 7:30PM at The Atrium	Calendar of Events 1 Membership Information 1
September 4 September 11	Executive Board Meeting, 7:30PM at The Atrium <b>Presentation Meeting,</b> To Be Announced	March Topic 2 Spring PAAC Course 4 Electronic Calumet delivery 5
October 2 October 9	Executive Board Meeting, 7:30PM at The Atrium <b>Presentation Meeting,</b> To Be Announced	Fort Lupton Heritage Fair 5 September Rock Art Tour 6
November 6 November 13	Executive Board Meeting, 7:30PM at The Atrium <b>Presentation Meeting,</b> To Be Announced	Volunteer Opportunities 6 IPCAS Pottery Class 6 Indian Moon Names 7
December 11	Christmas Party, 6:00PM at The Atrium	Alice Hamilton Application 8 Only Ewes 11
New Members	Membership Information	Officers/Board Members 12 Membership Application 12

#### **New Members:**

Maureen Arthur and John Slay

#### **Renewing Members:**

Paula Edwards, Madeline Goldhawk, Reggie Hofmaier, Kris & Bernie Holien, Bill Jones, Sandra Kelly, Lu Kimpston, Craig & Jennie Lee, Lin Leeburg, Joe McComb, Katherine McComb, Tom Meier, Joanne Morgan, Joe O'Laughlin, Rick Pitre, Morey & Janet Stinson, Karol Stoker, Joanne Turner, and Tom VanZandt

#### Glad you are with IPCAS.

### **March Topic**

The Old Roach Logging Camp was the headquarters of the Otto Lumber Company and home to many tie hacks in the last years of railroad logging ("tie hacking") in northern Colorado. Occupied between at least 1923 and 1938, Old Roach was a "real town" with a post office, school, and indoor plumbing in many homes. Yet little is known about this camp, which was destroyed at the termination of the Company's timber contract. Two seasons of archaeological investigations and oral history at the Old Roach Logging Camp solved many mysteries, including where the camp's trash went, how the Stuck Creek dam worked, how the family and bachelor buildings were constructed, and where the barn and water sources were located. Using historical maps, photos, and oral history testimony to interpret the archaeological remains of the camp, Passport in Time volunteers also began mapping the extensive archaeological landscape of tie hacking camps, water control features, and logging remains that testify to the thriving tie hack community that once occupied this remote area of the Roosevelt National Forest.

Join IPCAS on March 13 to learn about historical archaeology, the technology of tie hacking, and one of the lost cities of the Arapaho and Roosevelt National Forests. Then learn how you can participate in the ongoing archaeological research at the Old Roach and Forrester Camps by joining the third annual Old Roach Passport in Time project in August of 2008. Information about this and other opportunities to get involved in archaeology on the Arapaho and Roosevelt National Forests and Pawnee National Grassland will be provided.

Dr. Nicole Branton is the North Zone archaeologist for the Arapaho and Roosevelt National Forests and Pawnee National Grassland in Colorado. She received her PhD from the University of Arizona and has worked for various agencies and private archaeology companies throughout Colorado, Wyoming, Utah, Arizona, and Illinois. Although Nicole can do all kinds of archaeology as part of her job, her recent research has focused on tie hacking, dust bowl-era homesteading, and World War II plane crashes. Her thesis and dissertation research was on the archaeology and oral history of Japanese-American internment during World War II. Nicole also once won an extreme knitting contest for a photograph of her knitting with cobras in Marrakech, Morocco.



Stuck Creek dam



Nicole in downtown Old Roach



Sherd from an old crock



Tie Skid

## IPCAS Spring 2008 PAAC Course "Archaelesiaal Pating Methods"

"Archaeological Dating Methods"

**Class Description**: Archaeological Dating Methods introduces students to many of the more common dating methods used or found in related literature. Most of the summarized dating methods may not be used with regularity in the field, but individuals should be informed about their existence, usefulness, and sample collection methods.

#### **Course outline:**

An Introduction to Archaeological Dating Methods

Past & Present Trends in the Use of Dating Methods in Archaeology

**Dating Strategies** 

Objectives in archaeological studies

Explanation of relative and chronometric (absolute) dating

Relative Dating Methods (Stratigraphy, Cross-dating, non-cultural, cultural, Cultural trait, correlation, typology, erration, Chemical analysis of bone, nitrogen test, fluorine test, uranium test)

Chronometric Dating Methods (Varve dating, Dendrochronology, Obsidian hydration, Archaeomagnetic dating, Thermoluminescence (TL), Radiocarbon (C-14), Potassium-Argon dating, Cation ratio dating, Miscellaneous methods)

Class dates: April 16, April 23, April 30, May 7 and May 14 (Five sessions)

**Time**: 6:30 pm to 9:30 pm

Location: Foothills Nature Center, on North Broadway in Boulder

**Instructor**: Kevin Black – Assistant State Archaeologist

Class maximum: 24 people.

**To Enroll**: Please send two checks \$12.00 payable to CHS, and \$10.00 to IPCAS.

#### Send checks to:

Anne Robinson, 1495 N Franklin Ct Louisville, CO 80027.

Please be sure to include your name, email and phone number. If you have questions, please feel free to contact me at annerco@yahoo.com

A Note about the Perishable Materials Class: IPCAS had originally hoped to offer the Perishable Materials course for Spring 2008. But the Ft Collins group also wanted to offer it and since they had not offered this class in many more years than the Indian Peaks group, they got the class. If you wish to take this class in Fort Collins this spring, please contact Lucy Burris at lburris@holly.colostate.edu. The dates for this perishable materials class are Tuesday evenings 6:30-9:30PM, February 5, 12, 19, 26, March 4, 11, and 13 at the CSU Laboratory for Public Archaeology.

**For more information about these classes**, other classes and the PAAC program go to the PAAC home page <a href="http://www.coloradohistory-oap.org/programareas/paac">http://www.coloradohistory-oap.org/programareas/paac</a>

#### **Electronic Delivery of the Calumet**

The board has decided to utilize electronic delivery of the Calumet, beginning in May. Members without e-mail capability will still receive printed copies of the Calumet. Ten club memberships will continue to receive printed copies. When each Calumet is placed at (<a href="www.indianpeaksarchaeology.org">www.indianpeaksarchaeology.org</a>), our website, a notice of the newsletter availability will be sent to all members with email capability.

This will save printing and postal costs for the club and allow members to view the Calumet photographs entirely in color. It also allows flexibility in the number of photographs, articles, and pages in each issue. The members without a club-known email address are: Maureen Arthur, Bill Benjamin, Priscilla Ellwood, Bill Jones, Paul Lundy, Wanita & Steve McCowan, Isadore Million, Dorothy Myers, Donna Shay, and Payson Sheets. If any of you have email access, please let the chapter know. Many notifications of meetings, volunteer opportunities, and events that arrive too late for the Calumet are forwarded to the membership via email and you could be included.

## Second Annual Heritage Fair At Historic Fort Lupton Park May 3, 2008 9:00 – 5:00 Admission is free!

#### SOME ACTIVITIES MAY HAVE A FEE



This show is for Families, History buffs, and Living History Reenactors.

See historic demonstrations from Weavers, spinners, blacksmiths and other historic crafts.

See and talk to Mountain Men, Colonial period, Revolutionary War, Early Western Explorers, Civil War, Buffalo Soldier, and other living history Reenactors.

Be entertained by Bagpipers, traditional singers, dancers, and other musicians and entertainers.

Visit a 1830's Fur Trading Fort site, an 1860's Farm House and a 1870's one room School.

Shoot a Black Powder Rifle, Throw a Tomahawk, and participate in other craft and skills demonstrations. Learn about history in a fun and exciting way.

Enjoy refreshments and foods of the past, available on site.

#### How to find us



Fort Site & Black Powder Shooting Range South Platte River Weld County Road 14 1/2 and 3/4 mile west of Highway 85

Contact TRT@spvhs.org or 303-857-4474 for more information

#### **September Rock Art Tour**

I will lead another Rock Art Trip in mid to late September or first of October. I should have a firmer date once that the URARA Symposium is scheduled. I don't want to conflict with it as some members attend the symposium each year.

The area to be visited is the Navajo Rock Art in NW New Mexico just south of Navajo Lake. We'll camp at one of the campgrounds in/around the State Park. Several people went there with me in 2006. If folks sing up for the 2008 trip, I'll take them to 2 sites that were visited in 2006. Blanco Canyon and Crow Canyon are sites that anyone interested in Navajo history should not miss. Other than these sites we'll go to sites that should be new to most people, so folks on the 2006 trip will see new sites.

Morey Stinson (303) 530-7727 morey.stinson@comcast.net

#### **Future Volunteer Opportunities**

You can tell folks to plan on an Old Roach III Passport In Time (PIT) project in early August. Also, there will be a PIT at the Monarch Mining District in June or July (your host will be Paul Alford, my counterpart on the south half of the forest).

I will host another weekend of historical homestead survey and site recording in the Lewis-Liberty area of the Pawnee National Grassland in late spring (whenever it gets warm again). And I know Sue Struthers is planning on a day or two of site recording at the Lost Lake Mining District sometime this summer.

I will cover some of our upcoming volunteer opportunities at my March talk.

Nicole Branton, North Zone Archaeologist Arapaho and Roosevelt National Forests, Pawnee National Grassland (970) 295-6611 nbranton@fs.fed.us

#### **IPCAS Pottery Class**

IPCAS has scheduled a class for members in coiling pottery, similar to what was done by early Native Americans. In conjunction with the class, and for those who wish to attend, we will also take a short field trip to see what unprocessed clay looks like in the field. Instructors will be Bonnie Gibson of Centennial Archaeology and a friend of hers, both of whom are experiences potters.

**Date**: March 22, 2008, sign-up deadline is March 12

**Schedule**:

9:00 - 10:00 Demonstration/Instruction

10:00 - 12:15 Hands-on manufacture of individual pots

12:15 - 1:00 Lunch (pizza provided, provide own beverage)

1:00 - 4:00 (end time is estimate) Field trip to see what unprocessed clay looks like in the field **Cost**: \$30.00 plus cost for materials for making pot and fee for firing (material cost is not yet defined but "it is not expected to cost much". As soon as the cost is known, an update will be sent to those who signed up for the class.

**Maximum number of participants**: 15

Location: TBD

**Contact name**: Cheryl Damon

(303) 678-8076

cheryl\_damon@msn.com

#### **Indian Moon Names**

#### Submitted by Kris Holien

- Jan. 22, 8:35 a.m. EST Full Wolf Moon. Amid the zero cold and deep snows of midwinter, the wolf packs howled hungrily outside Indian villages. It was also known as the Old Moon or the moon after Yule. In some tribes this was the Full Snow Moon; most applied that name to the next moon.
- **Feb. 20, 10:30 p.m. EST Full Snow Moon.** Usually the heaviest snows fall in this month. Hunting becomes very difficult, and hence to some tribes this was the Full Hunger Moon. This is also the night of a total lunar eclipse. North and South Americans will have a ringside seat for this event and will take place during convenient evening hours.
- Mar. 21, 2:40 p.m. EDT Full Worm Moon. In this month the ground softens and the earthworm casts reappear, inviting the return of the robins. The more northern tribes knew this as the Full Crow Moon, when the cawing of crows signals the end of winter, or the Full Crust Moon because the snow cover becomes crusted from thawing by day and freezing at night. The Full Sap Moon, marking the time of tapping maple trees, is another variation. This is also the Paschal Full Moon; the first full moon of the spring season. The first Sunday following the Paschal Moon is Easter Sunday, which indeed will be observed two days later on Sunday, March 23. This will, in fact, be the earliest Easter since 1913.
- **Apr. 20, 6:25 a.m. EDT Full Pink Moon.** The grass pink or wild ground phlox is one of the earliest widespread flowers of the spring. Other names were the Full Sprouting Grass Moon, the Egg Moon, and among coastal tribes the Full Fish Moon, when the shad came upstream to spawn.
- May 19, 9:11 p.m. EDT Full Flower Moon. Flowers are abundant everywhere. It was also known as the Full Corn Planting Moon or the Milk Moon. Since the moon arrives at apogee less than 12 hours later, this will also be the smallest full moon of 2008. In terms of apparent size, it will appear 12.3 percent smaller than the full moon of Dec. 12.
- **Jun. 18, 1:30 p.m. EDT Full Strawberry Moon.** Known to every Algonquin tribe. Europeans called it the Rose Moon.
- Jul. 18, 3:59 a.m. EDT Full Buck Moon, when the new antlers of buck deer push out from their foreheads in coatings of velvety fur. It was also often called the Full Thunder Moon, thunderstorms being now most frequent. Sometimes also called the Full Hay Moon.
- Aug. 16, 5:16 p.m. EDT Full Sturgeon Moon, when this large fish of the Great Lakes and other major bodies of water like Lake Champlain is most readily caught. A few tribes knew it as the Full Red Moon because the moon rises looking reddish through haze, or the Green Corn Moon or Grain Moon.

  Sep. 15, 5:13 a.m. EDT Full Harvest Moon, Traditionally, this designation goes to the full moon that
- occurs closest to the Autumnal (fall) Equinox. The Harvest Moon usually comes in September, but (on average) about every three or four years it will fall in early October. At the peak of the harvest, farmers can work into the night by the light of this moon. Usually the full Moon rises an average of 50 minutes later each night, but for the few nights around the Harvest Moon, the moon seems to rise at nearly the same time each night: just 25 to 30 minutes later across the U.S., and only 10 to 20 minutes later for much of Canada and Europe. Corn, pumpkins, squash, beans, and wild rice are now ready for gathering.
- Oct. 14, 4:02 p.m. EDT Full Hunters' Moon. With the leaves falling and the deer fattened, it is time to hunt. Since the fields have been reaped, hunters can ride over the stubble, and can more easily see the fox, along with other animals, which have come out to glean and can be caught for a thanksgiving banquet after the harvest.
- Nov. 13, 1:17 a.m. EST Full Beaver Moon. Time to set beaver traps before the swamps freeze to ensure a supply of warm winter furs. Another interpretation suggests that the name Beaver Full Moon come from the fact that the beavers are active in their preparation for winter. Also called the Frosty Moon.
- **Dec. 12, 11:37 a.m. EST Full Cold Moon;** among some tribes, the Full Long Nights Moon. In this month the winter cold fastens its grip, and the nights are at their longest and darkest. Also sometimes called the Moon before Yule. The term Long Night Moon is a doubly appropriate name because the midwinter night is indeed long and the moon is above the horizon a long time. The midwinter full moon takes a high trajectory across the sky because it is opposite to the low Sun. The moon will also be at perigee later this day, at 5:00 p.m. EST, at a distance of 221,560 mi. (356,566 km.) from Earth. Very high ocean tides can be expected from the coincidence of perigee with full moon.



## Colorado Archaeological Society, Inc.

February 1, 2008

Dear Educator and Supporter of Colorado Archaeology:

The Colorado Archaeological Society, Inc. is again inviting applications from Colorado Archaeology students for our Alice Hamilton Scholarships.

As we are sure you are aware, CAS has been awarding worthy students these scholarships for many years in memory of Alice Hamilton who was a member of the C.A.S., Denver Chapter and an avid supporter of Archaeology. These competitive awards range from \$200 up to \$750. They are based on the merits of the application, rather than financial need. In 2007 we awarded fourteen scholarships totaling \$4650, and in 2006, eleven scholarships were awarded totaling \$4100.

We would appreciate posting of the enclosed announcement for students of anthropology or a cross-discipline field with emphasis in archaeology.

All application materials must be <u>postmarked or e-mailed on/or before March 30, 2008.</u>

Please note: Submission via e-mail is the preferred option.

If one of your students asks you for a reference letter for this scholarship, please make sure that you have <u>your reference letter postmarked or emailed to us by March 30, 2008</u>.

Without the required references, your student's application will not be considered.

Thank you for your assistance. Please feel free to contact me with any questions.

Sincerely,

## **Phil Williams**

Alice Hamilton Scholarship Fund Committee c/o Phil Williams
7230 Fleetwood Ct., Colorado Springs, CO 80919
719-594-0176
ahsfc@hotmail.com



## **ALICE HAMILTON SCHOLARSHIP FUND**

2008 Scholarships will be awarded by the Colorado Archaeological Society in memory of Alice Hamilton, who was a member of the C.A.S. Denver Chapter and avid supporter of Archaeology.

These competitive awards range from \$200 up to \$750 each. Awards are based on the merits of the application, rather than financial need.

#### REQUIREMENTS

- A. Applicant must be majoring in Anthropology or cross-discipline field, emphasis in Archaeology and Applicant must be attending an accredited college or university in Colorado, and carrying at least a half-time course load.
- 1. Include your permanent address, phone number and email address, as well as the name of the college or university at which you are enrolled on the "cover sheet".
- 2. Indicate how you plan to use the money, including a proposed budget of your expenses. This award may be used for research projects, lab fees, field school, tuition, books, etc.
- 3. Provide a resume of your archaeological accomplishments (study and experience).
- 4. Include two (2) written references from current instructors or professionals in Anthropology/ Archaeology. These should be sent directly to us. Your application will not be complete without these.

Applications and references may be submitted by U.S. Mail and/or by e-mail (preferred).

All materials must be postmarked or emailed on/or before March 30, 2008

Mail to: Alice Hamilton Scholarship Fund

E-mail: ahsfc@hotmail.com

Colorado Archaeological Society

c/o Phil Williams

7230 Fleetwood Ct., Colorado Springs, CO 80919

A confirmation of materials received will be sent to you via email.

6. Awards will be determined by April 12, 2008. Applicants will be notified by early May.



## Colorado Archaeological Society, Inc.

## **ALICE HAMILTON SCHOLARSHIP FUND**

### **Application Submission Cover Sheet**

(to be completed by Applicant)

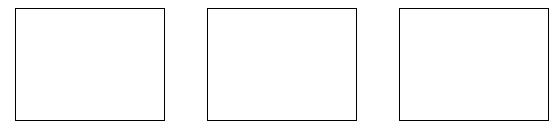
Full Name:	
Mailing Address:	
Phone (Day):	Phone (Evening):
E-mail:	
College/University:	Department:
Letters of Reference: 1	(name)
2	
Education Level:  Undergrad  Masters Candidate  PhD Candidate Scholarship Use:  Field School  Thesis Fieldwork  Lab Analysis/Tests  Other	
☐ I AM ☐ I AM NOT willing to share my experiences and/or property short newsletter article, poster or presentation	project results with a local CAS chapter (typically a on)

By Jennifer Pinkowski

	ARCHAEOLOGY Magazine	submitted by Carolyn CC	
Archaeologists used X-ray fluorescence to analyze a woman's portrait in an early twentieth-century sheepherder's barn in central Wyoming. The pigment us in the barn turned out to be identical to that found on abstract "rock art" panels at a nearby site, suggesting th works were actually paint smears left by sheep marked for breeding purposes. (Courtesy Bonita A. Newman)		woman's portrait in an early twentieth-century sheepherder's barn in central Wyoming. The pign in the barn turned out to be identical to that found abstract "rock art" panels at a nearby site, sugges works were actually paint smears left by sheep m	nent used d on ting the arked

Ewes with painted rumps are responsible for creating some "rock art" panels in central Wyoming. That's what researcher Bonnie Newman, of the Museum of New Mexico's Office of Archaeological Services, and New Mexico State University archaeologist Larry Loendorf discovered when they compared suspiciously abstract paint smears at the Notches Dome site with paint found at a nearby historic shepherds' camp.

X-ray fluorescence spectrometer analysis revealed that the blue, green, and red paint smeared onto Notches Dome rock projections was chemically very similar to the paint used in a woman's portrait on a barn wall at the sheep camp. Ewes marked with paint for breeding and branding purposes had probably taken shelter beneath the rock ledges, where they left paint smears later mistaken for rock art.



Courtesy Bonita A. Newman

Notches Dam archaeologists John and Mavis Greer, who called Newman and Loendorf in, weren't surprised by the results. Probably dating to the seventeenth century, the genuine rock art there generally depicts figures on horseback and other representational forms. And while the style is known as the Foothills Abstract Tradition, the sheep paintings were a little *too* abstract.

Because of their rarity in rock art, the presence of prehistoric green or blue paint at Notches Dam would have had interesting implications about contact with cultures from the southwest or the north, where those colors are sometimes found. But the Greers aren't disappointed.

They are using the sheep art markers to reevaluate other Wyoming rock art sites. "Now we can recognize the sheep paintings," John Greer said. "Paint that is denser than the prehistoric finger lines, and paint smears at the rock projections that are generally low--about the height of a full-grown ewe."

### 2008 IPCAS Officers, Board Members, and major functions

President	Cheryl Damon	(303) 678-8076	cheryl damon@msn.com
Vice-President	Open		•
Treasurer	Katherine McComb	(303) 666-7448	kmccomb@comcast.net
Secretary	Open		
Professional Advisor	Dr. Robert Brunswig	(970) 351-2138	robert.brunswig@unco.edu
Professional Advisor	Pete Gleichman	(303) 459-0856	pjgleichman@yahoo.com
PAAC Co-Coordinator	Cecil Fenio	(303) 442-4869	cfenio@hotmail.com
PAAC Co-Coordinator	Anne Robinson	(720) 890-3944	annerco@yahoo.com
CAS Representative	Kris Holien	(970) 586-8982	kjholien@aol.com
Internet Manager	Cyndi Cree	(310) 663-0656	c_cree@hotmail.com
Calumet Editor	Tom Cree	(303) 776-7004	tomcree@earthlink.net
Archivist/Librarian	Kris Holien	(970) 586-8982	kjholien@aol.com
Board Member	Peg Finucane	(303) 444-5912	pfinucane@co.boulder.co.us
Board Member	Rick Pitre	(303) 673-0272	rpitre9@yahoo.com
Board Member	Joanne Turner	(303) 494-7638	joanne.turner@colorado.edu

#### Web Site: WWW.INDIANPEAKSARCHAEOLOGY.ORG

Individual \$28.50 / Year	New Date
<b>Family</b> \$33 / Year	Renewal
Student \$14.25 / Year,	with Calumet delivery by e-mail
Tax-Exempt Donation \$10,	\$25, \$50, Other
NAME	TELEPHONE ()
ADDRESS	E-MAIL
CITY	STATE ZIP
Please make check payable to:	Indian Peaks Chapter, CAS
Mail to:	PO Box 18301
	Boulder, CO 80308-1301

## **CALUMET**

Newsletter of the Indian Peaks Chapter of the Colorado Archaeological Society P.O. Box 18301 Boulder, CO 80308-1301