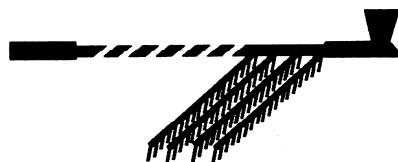


CALUMET

CONSERVATION
EDUCATION

PRESERVATION
EXPLORATION



Newsletter of the Indian Peaks Chapter of the Colorado Archaeological Society
January, 2005

CALENDAR OF EVENTS

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

2005 Event Calendar

- January 6** Executive Board, The Atrium, 30th and Iris, 7:30 PM.
January 8-9 PAAC Lab at Lowry, see page 2
January 13 **Presentation by Kevin Black**, Topic: Lots of Rocks: Archaeology in Pike's Stockade Area
This slide-illustrated talk will summarize the results of the first season of survey at Pike's Stockade, at the north end of the San Luis Hills in the San Luis Valley. The survey area encompasses nearly 1,000 acres on the Conejos River, where Zebulon Pike's expedition is believed to have stayed in February 1807 before they were detained by the Spanish. The presentation will describe the prehistoric and historic sites recorded thus far, and will also provide a brief overview of the archaeology of the San Luis Valley as a whole.
January 14-15 PAAC Lab at Lowry, see page 2
January 19-20 PAAC Lab at Lowry, see page 2
January 25-26 PAAC Lab at Lowry, see page 2
February 3 Executive Board, The Atrium, 30th and Iris, 7:30 PM.
February 10 **Presentation by Morey Stinson**, Topic: The Rock Art of the Four Corners and Beyond
Morey says, "I plan to show how the styles and imagery of the pictographs and petroglyphs varies from region to region. I'll try to show the commonalities and uniqueness as we go from the Great Basin Region and through the four corner states".
February 23 **Spring PAAC Class Begins**, See Page 2
March 2 **Spring PAAC Class**, See Page 2
March 3 Executive Board, The Atrium, 30th and Iris, 7:30 PM.
March 9 **Spring PAAC Class**, See Page 2
March 10 **Presentation by John Slay**, Topic: Rock Sites in West Central Colorado. John says, "I want to share a few slides and repeat what Sally Cole and other rock art folks have written about them. Most of what I have done is look at old site reports, go out and find them, then take pictures. Sometimes, I scratch my chin thoughtfully as I observe the rock art..."
March 16 **Spring PAAC Class Ends**, See Page 2

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Spring PAAC Class

The Spring PAAC class will be Field and Lab Photography on Wednesday evenings February 23 - March 16, 6:30-9:30pm. This is one of the shorter courses, 12 hours in length. Classes will be held in the usual place and time – details in the January Calumet.

Kevin Black Biography

I have worked as an archaeologist since 1976. I graduated from the University of Colorado-Boulder in 1977 (B.A.) & 1979 (M.A.-Anthropology), with graduate work for Dr. Payson Sheets in El Salvador, Central America. Following graduate school, I was employed by consulting firms in Montrose (1979-81) and Eagle, Colorado (1981-88) as a staff archaeologist, conducting inventories and excavations in the western U.S., especially in Colorado, Wyoming and Utah.

Since 1988, I have been employed in my current position as **Assistant State Archaeologist at the Colorado Historical Society** (CHS). My primary duty is state coordinator of the Program for Avocational Archaeological Certification (PAAC), largely consisting of teaching 13 different classes in archaeology for local chapters of the Colorado Archaeological Society and other groups around Colorado. I am also involved in administrative functions such as reviewing and issuing permits for archaeological and paleontological work on state land, and providing technical assistance to other CHS managers and the public.

In a typical year, I also present an average of 10 talks to public and private organizations, state parks and schools. Recent field work includes inventories of state land for PAAC training at Dinosaur Ridge near Morrison and at Pike's Stockade in the San Luis Valley, state wildlife areas near Buena Vista and Hartsel, state-leased lands near Cortez and Trinidad; and salvage excavations of several unmarked human graves all over the state. I have authored or co-authored more than 90 technical reports, 25 conference papers, and 20 publications (journal articles and book chapters).

Lab Analysis at Lowry

The Office of Archaeology and Historic Preservation (OAHP) has archaeological collections that have yet to be completely processed for permanent curation. PAAC volunteers may receive credit toward certification at either the Laboratory Trainee or Laboratory Technician level by helping the State Training Coordinator in the cataloguing and analysis of these materials.

The lab work is held at the Colorado Historical Society's Museum Support Center in east Denver (MSCD), typically on intermittent days in December and January. The dates and times are 8:30 AM - 4:30 PM on: 8-9, 14-15, 19-20 and 25-26. All supervised hours spent with specific materials in the collections apply toward the 40 hours of lab time required for certification. While the collection includes a variety of prehistoric and historical materials, a large majority is lithic (flaked stone and ground stone artifacts).

No prior experience is required in most instances. However, lab space and equipment for volunteers is limited, so if too many PAAC participants wish to volunteer on a scheduled lab day, preference will be given to those volunteers who have already earned the Lab Trainee certificate and are working toward the Lab Technician certificate, and others who have completed one or more of the following courses:

- Introduction to Archaeology, CAS and PAAC
- Introduction to Laboratory Techniques
- Prehistoric Lithics Description and Analysis

Prospective volunteers must complete the [PAAC Candidate Application Form](#) (next two pages), and should be prepared to participate on a minimum of two days. Please contact the State PAAC Coordinator at 303-866-4671 or Kevin.black@chs.state.co.us if you have questions regarding the work sessions.

CANDIDATE APPLICATION

I, _____ apply for participation
(print First name, M.I., Last name)
in the Program for Avocational Archaeological Certification
developed under the Cooperative Agreement between the Colorado
Archaeological Society and the Office of the State Archaeologist
of Colorado. By my signature, I agree to abide by the PAAC Code-
of-Ethics and to the payment of the non-refundable materials fee.

Signature _____

Address _____

Phone (h) _____ (w) _____

Fax _____

E-mail _____

Return completed application form to:

Assistant State Archaeologist
Colorado Historical Society
1300 Broadway
Denver, CO 80203-2137

PAAC: RECORD OF PREVIOUS EXPERIENCE

List experience details with appropriate course/field work heading. Attach additional information if necessary. Individuals may test out of a course with the appropriate experience.

Name _____

Address _____

Date _____

COURSE/FIELD WORK	EXPERIENCE DETAILS
Introduction to Archaeology/ Legislation & Ethics	
Basic Site Surveying/ Field Survey	
Colorado Archaeology	
Historical Archaeology	
Lithic Description and Analysis	
Ceramic Description and Analysis	
Perishable Materials	
Research Design and Report Writing	
Archaeological Dating Methods	
Field and Laboratory Photography	
Rock Art Studies	
Field Excavation	
Laboratory	

Current IPCAS Membership

The list below contains the membership of our chapter.

FIRST NAME	LAST NAME	RENEWAL DATE			
Patricia L.	Adler	2/1/2005	Kenneth	Larson	10/1/2005
Norma L.	Boslough	4/1/2005	Tom & Beverly	Meier	4/1/2005
Kris & Ken	Bowen	11/1/2004	Isadore	Million	3/1/2005
Tandra	Casserly	2/1/2005	Steve	Montgomery	3/1/2005
Cheryl A.	Damon	10/1/2005	Monty	Moorman	3/1/2005
Andrew	DeCoursey	4/1/2005	Joanne	Morgan	8/1/2005
Mark B.	Dittmar	10/1/2004	Jim	Morrell	2/1/2005
Frank	Eddy	8/1/2004	Anne & Bob	Mutaw	4/1/2005
Paula M	Edwards	4/1/2005	Elizabeth J.	Novak	1/1/2005
James	Egerton	8/1/2005	Rhoda	Nozik	11/1/2004
Priscilla B.	Ellwood	5/1/2006	Richard E.	Owens	10/1/2005
Jeff & Susannah	Ferguson	10/1/2003	Marie	Palowoda & Brad Culp	4/1/2005
Wayne	Gilbert, Jr.	10/1/2005	Martha	Patterson	5/1/2005
Pete	Gleichman	1/1/2005	Ann & Dave	Phillips	7/1/2005
Sheila	Goff	2/1/2005	Rick	Pitre	2/1/2005
Madeline	Goldhawk	1/1/2005	Piper D	Prillaman	1/1/2005
R.J.	Grigsby	3/1/2005	William	Rosquist	2/1/2005
Jeannie	Hamilton	10/1/2005	Cal & Colleen	Schilling	10/1/2004
Elaine	Hill	2/1/2005	Payson	Sheets	2/1/2005
Reginald	Hofmaier	1/1/2005	Christy & Karl	Smith	2/1/2005
Kristine and Bernie	Holien	2/1/2005	Russell D.	Smith	7/1/2005
Muriel and Sanford	Jacobs	5/1/2005	Janet & Morey	Stinson	1/1/2005
William W.	Jones	10/1/2005	Karol	Stoker	12/1/2004
Michael/Hal/Zack	Landem	4/1/2005	Joanne	Turner	2/1/2005
Jon	Lane	2/1/2005	Thomas	Van Zandt	3/1/2005
			Laura	Viola	10/1/2005
			John & Kathy	Wilson	4/1/2005

IPCAS Officers for 2005

Co-Presidents:	Cheryl Damon, Kris Holien
Secretary:	open
Treasurer:	Rick Pitre
Professional Advisor:	Dr. Bob Brunswig
Calumet Editor:	Tom Cree
Internet Manager:	Piper Herron
PAAC Coordinator:	Jim Morrell
Archivist/Librarian:	Kris Holien
CAS Representative:	Reggie Hofmaier
Board Members:	Joanne Turner
	Jeff Ferguson
	Pete Gleichman

Test Suggests Fire Pit at Least 50,000 Years Old

Amy Geier Edgar, The Associated Press

COLUMBIA, S.C. -In the growing debate about when people first appeared on this continent, a leading archaeologist said Wednesday he has discovered what could be sooty evidence of human occupation in North America tens of thousands of years earlier than is commonly believed. University of South Carolina archaeologist AI Goodyear said he has uncovered a layer of charcoal from a possible hearth or fire pit at a site near the Savannah River.

Samples from the layer have been laboratory-dated to more than 50,000 years old. Yet Goodyear stopped short of declaring it proof of the continent's earliest human occupation. "It does look like a hearth," he said, "and the material that was dated has been burned."

Since the 1960s, anthropologists have generally accepted, that hunters migrated to North, America about 13,000 years ago over a land bridge into Alaska following the retreat of Ice Age glaciers. But other sites, including the Topper dig in South Carolina, have yielded rough stone tools and other artifacts suggesting that humans lived in North America thousands of years earlier when the climate was much colder.

While there is no ironclad proof that an older culture existed, scientists are increasingly open to the idea that humans arrived from many other directions besides the northwest, perhaps even sailing across oceans. But a 50,000-year-old fire pit would scorch the prevailing occupation theory.

Goodyear's evidence was examined by other scientists who performed radiocarbon tests on samples to determine their age. However, he made his initial case for the fire pit Wednesday in a news conference rather publishing data in a scientific journal edited by other researchers. Goodyear, who has worked the Topper site since 1981, discovered the charcoal layer in May.

Thomas Stafford, director of Stafford Laboratories in Boulder, then took samples of the substance for tests at the University of California at Irvine. The results showed that wood varieties -oak, pine, red cherry and buckeye -had been burned in a low-temperature fire at least 50,300 years ago, he said.

Stafford described the burnt layer as measuring 2 or 3 inches thick and about 2 feet wide. Rather than a simple black band in the soil, Stafford said the layer had the "shape of a very shallow plate." He said it could have been the result of a fire tended by humans, or the ashes could have been deposited by wind, rain or flooding.

Other researchers were more skeptical of Goodyear's discovery, noting that previous claims of very old occupation at other sites never have been verified. "We still need to be cautious," said Vanderbilt University anthropologist Tom Dillehay. "I would not yet rewrite the books. The find is very significant and shows that there is much we don't understand and can't easily reject or accept."

Other scientists were blunter. "I think it's a 50,000-year-old geologic deposit," said University of Texas archaeologist Mike Collins. "It has almost nothing to do with the story of the peopling of North America."

Modern humans are believed to have emerged from Africa 100,000 years ago and spread around the world, elbowing out less capable human cousins like homo erectus and Neanderthals.

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2005 IPCAS Officers, Board Members, and major functions

Co-President	Cheryl Damon	(303) 678-8076	cherdam@cs.com
Co-President	Kris Holien	(970) 586-8982	kjholien@aol.com
Secretary	Open		
Treasurer	Rick Pitre	(303) 673-0272	rpitre@kryos.colorado.edu
Professional Advisor	Dr. Robert Brunswig	(970) 351-2138	robert.brunswig@unco.edu
Calumet Editor	Tom Cree	(303) 776-7004	tomcree@earthlink.net
Internet Manager	Piper Herron	(303) 988-0814	codirtnerd@comcast.net
PAAC Coordinator	Jim Morrell	(303) 678-7642	j.s.morrell@att.net
CAS Representative	Reggie Hofmaier	(720) 684-1181	reginald.hofmaier@seagate.com
Archivist/Librarian	Kris Holien	(970) 586-8982	kjholien@aol.com
Board Member	Pete Gleichman	(303) 459-0856	pjgleichman@yahoo.com
Board Member	Jeff Ferguson	(720) 890-2708	fergusonjeff@hotmail.com
Board Member	Joanne Turner	(303) 494-7638	joanne.turner@colorado.edu

Please check the chapter web-site at: <http://www.indianpeaksarchaeology.org>

MEMBERSHIP APPLICATION - INDIAN PEAKS CHAPTER

☐ **Individual** \$28.50 / Year ☐ **New** _____ **Date**
☐ **Family** \$33 / Year ☐ **Renewal**
☐ **Student** \$14.25 / Year, with Calumet delivery by e-mail

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

When you join or renew you will receive the *Calumet*, our monthly newsletter, and *Southwestern Lore*, the quarterly publication of the Colorado Archaeological Society.

CALUMET

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