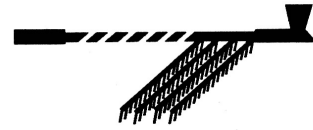


CALUMET



Newsletter of the Indian Peaks Chapter of the Colorado Archaeological Society
February, 2012

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

February 9 **IPCAS Presentation Meeting**, 7PM, R.A. Varney, Topic: Radiocarbon Dating: The Background Information Many Archaeologists Never Get

Archaeologists are among the most frequent users of radiocarbon dates, but many of them never encounter the hard science behind getting a date. In this lecture we will explore the chemistry, physics, and astronomy behind the scenes in radiocarbon dating, as well as some matters to consider in the regular archaeological world. We'll cover, briefly, the history of radiocarbon dating paying attention to the technological differences between the different types of radiocarbon dates, and some aspects of carbon dating that are just now emerging. We go from the sub-atomic world of the quark to the stars and leave you with a better understanding of what goes on behind the scenes in radiocarbon dating.

R.A. Varney has been working in archaeology and the allied sciences since 1989. He has experience in Colorado, Wyoming, Utah, New Mexico and Arizona archaeology especially Paleoindian and Geoarchaeology. His academic career began at the University of Northern Colorado, and then transferred to the University of Arizona, where he completed his BA, then continued at the U of A for his graduate work. He has had the honor of working at the Dent Site, Hell Gap, Black Mountain Folsom Site, and Caribou Lake sites, among many others. At some point he discovered that "pure" archaeology was not his primary interest and he began to focus on the sciences supporting archaeology. His graduate work was focused on pollen studies, which led to his current posting at Paleoresearch Institute in Golden Colorado. There since 2003, he has been privileged to be involved in pollen studies, helping to get the molecular spectroscopy operation developed, and helping to establish and run the AMS radiocarbon operation. His particular interests include; climate change, especially at the end of the Pleistocene; scientific method development, archaeological chemistry, and climate modeling of the past.

March 8 **IPCAS Presentation Meeting**, 7PM, Steve Lekson. Topic: Yellow Jacket - the Largest Mesa Verde Town. The University of Colorado has a long history of research at the Yellow Jacket site, the largest Mesa Verde site, located about 20 miles northwest of Mesa Verde National Park. Joe Ben Wheat's excavations from 1954 to 1991, more recent analysis of Wheat's collections, and now a new project looking at Basketmaker III at Yellow Jacket complement excavations by Crow Canyon Archaeological Center in the early 1990s. This program will review research at Yellow Jacket, discuss on-going research, and suggest possible future projects with IPCAS members.

March 22 **Reading and Discussion Group**, 7PM, Reynolds Library Meeting Room (3595 Table Mesa Drive, Boulder, CO 80305), Topic: TBD

April 19 **IPCAS Presentation Meeting**, 7PM, TBA (note change to 3rd Thursday)

May 10 **IPCAS Presentation Meeting**, 7PM, Kolleen Kralick, Topic: The Cherokee Trail

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PAAC Events

PAAC (Program for Avocational Archaeological Certification) Classes are a great way to learn more about archaeology at a reasonable cost. Here are some upcoming classes. Also there are opportunities for Lab training in December and January.

Historical Archaeology Class

Date: February 10-12 - All Day Location: Pike Peak Chapter, Fountain Colorado

[Click here for more information on the class](#)

Sign up with Pamela Owens at the Pikes Peak chapter. [Click here for contact information](#)

Additional Information:

March 16–18..... Loveland..... Prehistoric Lithics Description & Analysis

March 24..... Durango..... PAAC Board meeting

April 20–22..... Durango..... Perishable Materials

June 1–3..... Craig..... Rock Art Studies

© ???..... ?????..... Summer Training Survey

CAS quarterly meeting held in Denver on January 21, 2012.

Some highlights

- History Colorado Center opens on April 28. CAS will participate in weekend opening events scheduled for May 5-6. Committees are being formed now and more details will be provided at the March quarterly meeting. CAS would like volunteers from all chapters for these events. Some of the activities talked about include a rock art and other presentations, poster presentations, flintknapping, and games. A new CAS brochure was also talked about. Details to come on all of this.
- Institutional membership is up this year.
- The Rock Art group (CRAA) held an organizational/re-energizing meeting in Colorado Springs on January 7 to nominate and elect officers and brainstorm about programs for this year and next. Bev Goering is President, Bonnie Moser, VP, Donna Morgan, Secretary, and Bob Tipton, Treasurer.
- There was some talk about a CAS trip this summer, since the San Juan Raft Trip was so successful last year. One option that Tom Hoff mentioned was a dig trip to Champagne Springs - the Hisatsinom chapter has been excavating on Dave Dove's property and this might be something that people would be interested in. Discussion will continue at March meeting.
- Annual meeting location for 2012 is still up in the air. URARA (Utah Rock Art Research Association) has proposed a joint meeting with CAS in Vernal, Utah on September 21-24. Larry Evans is pursuing discussions with them. Meeting in 2013 will be hosted by the Northern Colorado chapter – we are exploring the possibility of holding it in conjunction with the annual Plains Anthropological Conference which CSU is hosting Oct. 2-5 in Loveland. Colorado Springs will host in 2014, and Durango in 2015.
- Next quarterly meeting is in Durango on March 24, in conjunction with CCPA's conference being held March 22-25.

Upcoming Local Events

Mahaffy Cache: Stone Age Tools Unearthed

Dr. Douglas Bamforth will speak about the Mahaffy Cache, a collection of more than 80 artifacts discovered in 2008 beneath Patrick Mahaffy's front yard in Boulder, Colorado during a landscaping project. Dr. Bamforth teaches anthropology at the University of Colorado and is an archeologist working primarily in the mountains of Colorado and on the Great Plains. Bamforth will discuss the 13,000-year-old tools and the significance of the discovery. No reservations necessary. Free.

Saturday, February 4, 2 - 3pm, Location: Estes Park Museum. Estes Park, CO

Longevity and its Consequences: Insights from an Experimental Insect Biology Program Thursday, February 2 from 12:00pm - 1:00pm in the IBS Conference Room 155 B Sponsored by IBS - CU Population Center Professor James R. Carey Professor, Department of Entomology, UC Davis and Senior Scholar at the Center for the Economics and Demography of Aging, UC Berkeley My overarching goal is to explore and discuss the conceptual, technical and analytical complementary of biological (non-human species) and classical (human) demography. Contact: Rajshree Shrestha [303.492.5548](tel:303.492.5548)

Ice Age Death Trap—Anthropology on the tube

Wednesday evening, February 1 on PBS: In a race against developers in the Rocky Mountains, archeologists [including one of our graduate students] uncover a unique fossil site packed with astonishingly well-preserved bones of mammoths, mastodons, and other giant extinct beasts. The discovery opens a highly focused window on the vanished world of the Ice Age in North America. 9:00pm ET.

Check local listings. <http://www.pbs.org/wgbh/nova/airdates.html>

Global Seminar in Bolivia this summer 2012

Interest meeting this week, Wednesday, February 1 at 3:00pm in C4C 341. The course is ANTH 4020 Democracy and Development in Bolivia (3 credits), and there are no language prerequisites. The program cost is \$2700, plus airfare and estimated personal expenses. We will meet in Boulder in April for a series of pre-departure classes, and then spend two weeks in-country 21 July - 5 August, 2012. If you think you would be interested in knowing about this great new Study Abroad opportunity and cannot attend the Wednesday event, contact:

Carole.Conzelman@colorado.edu

Carthaginian "child" sacrifice: evidence, -isms, and the personal in archaeological knowledge

The Department of Classics presents a public lecture by Matthew McCarty of the Whitney Humanities Center, Yale University on Friday, February 3 at 5:00pm in HUMN 250.

Since its discovery in 1921, interpretation of the archaeological finds from the tophet of Salammbô at Carthage (and at other, related sites) has focused almost exclusively on answering the question of whether or not child sacrifice occurred in the Punic world. Historiographic analysis of the interpretation of the site not only offers a case-study for how archaeological and historical knowledge is produced, but has important ramifications for how we interrogate data and model the ancient world. Contact: peter.hunt@colorado.edu

Observing Changing Ecological Diversity in the Anthropocene; the Science of Observation

Monday, February 6 in the CIRES Auditorium from 3:30-5:30pm

David Schimel, National Ecological Observatory Network (NEON)

Refreshments starting at 3:30pm. Talk/panels begin at 4:00pm. Free and open to the public. Undergraduates welcome! For more information go to: <http://envs.colorado.edu/about/>

Defining Economic Regionalism: An Archaeology of Maritime Networks in the Roman East

The Department of Classics presents a public lecture by Justin Leidwanger of the Institute for the Study of the Ancient World, NYU Monday, February 6, at 5:00pm in HUMN 250

What do Facebook and the Roman wine trade have in common? The archaeological record of shipwrecks provides evidence for seaborne communication and the links that connected producers, traders, and consumers around the ancient Mediterranean. Viewed through a lens of landscape theory and network science, Roman shipwrecks allow us not only to explain French wine in rural Cyprus, but also to define regional maritime economies, gauge integration among them, and determine how economic relationships intersected with broader political and sociocultural trends. Contact: peter.hunt@colorado.edu

Plants and Consciousness—Anthropology Conference and Grad Panel

The Society for the Anthropology of Consciousness will hold their 32nd Annual Conference Feb 9-12 in Boulder. The first panel of the conference on Thursday will be one organized and with papers by graduate students from this department: Levi Jacobs, Ben Joffe, and Willi Lempert. It would be great if members of our department could attend and support! Complete details at www.sacaaa.org

When it's Hot, it's Hot: Changing Climates and Shifting Pre-historic Populations in Western Colorado

AIA Denver - Lecture Sun, Feb 26, 2 pm, Tattered Cover Bookstore, 1668 16th Street, Downtown Denver at 16th and Wynkoop. James C. Miller, Research Director, Dominguez Archaeological Research Group, Grand Junction, Colorado, "When it's Hot, it's Hot: Changing Climates and Shifting Pre-historic Populations in Western Colorado". Recent excavations and environmental studies at the Jeanne Site (5GF741), a rock shelter near Loma, Colorado, have provided a record of periodic use by hunter-gatherers as well as a detailed account of past climates from about 10,000 years ago to present. The small northwest-facing overhang was a satellite site for sheltering groups involved in hunting as well as seed and other plant gathering. Features used for cooking and producing heat and others used for plant food processing and storage are prevalent. Past climate reconstructions using pollen and geo-climatic interpretations of aeolian and alluvial deposits suggest heavier use of the area by prehistoric inhabitants during cooler, con-comitantly moister climatic conditions. Similar to human use of the area, accumulated data on bison in the archaeological record over a wider region suggest a pattern of bison population reduction during long term droughts. Free and open to the public. <http://www.archaeological.org/events/5513>

The Lonely Pyramid on Sherman Hill

Wyoming State Museum - Lecture Thurs, Feb 9, 7 pm, 2301 Central Ave, Cheyenne. "The Lonely Pyramid on Sherman Hill" by Anna Lee Ames Frohlich. Free and open to the public. <http://wyomuseum.state.wy.us/Events/Lecture.asp>

Niwot, Colorado: Birth of a Railroad Town

Boulder History Museum - Lecture Thurs, Jan 26, 7 pm, Carnegie Branch Library for Local History, 1125 Pine Street, Boulder. "Niwot, Colorado: Birth of a Railroad Town" is Anne Dyni's newest book. Join us for this presentation and slide show as Anne describes how Boulder County's only railroad town was settled in 1875, and the wide range of pioneers who called it home. In 1997, Dyni began writing about early life in Niwot and the Left Hand Valley in a history column for the Left Hand Valley Courier, where she still shares stories and photographs gleaned from interviews, genealogies, early newspapers and diaries. Seventy-six of these columns and sixty-five historic photos were selected for this new book. Free and open to the public.

<http://boulderhistory.org/calendar.asp>

Investigating the Dune Murder In Carbon County

March 9, Wyoming State Museum, Cheyenne, Wyoming

Mark E. Miller, Wyoming State Archaeologist, and Adjunct Faculty Professor, University of Wyoming

This 45 minute PowerPoint presentation explores the unsolved crime in early day Wyoming. Slides will cover an overview of the discovery, field investigation, lab analysis, media attention, and current interpretations of the historic site.

<http://wyomuseum.state.wy.us/Events/Lecture.asp>

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Colorado Rock Art Association Update

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Colorado Archaeological Society Spring 2012 Quarterly Meeting

Next quarterly meeting is in Durango on March 24, in conjunction with CCPA's conference being held March 22-25. This is a great opportunity attend the CCPA (Colorado Council of Professional Archaeologists) annual conference. See Anne Robinson, Karen Kinnear or Kris Holien for more information.

Membership Renewal 2012 – Indian Peaks Chapter, CAS

It's time to renew your membership to the Indian Peaks Chapter of the Colorado Archaeological Society! Please print out the attached form and mail your check to the address on the form.

This past year we hosted the Colorado Archaeological Society Annual meeting, sponsored many wonderful speakers on a wide variety of archaeological topics, offered a PAAC class, sent out our newsletter, started a reading and discussion group and went on some great field trips. We hope you will join us in 2012.

Thanks everyone for your past support!

IPCAS renewal	Individual	Family	Student
January – December 2012	\$28.50	\$33.00	\$14.00

___ New ___ Renewal

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, 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: _____

Executive Board Meeting – January 5, 2012

Meeting called to order at 7:00 PM at the Cree residence in Longmont

Attendees: Camell-Coppin, Cree, Damon, Kinnear, Turner

Secretary's Report: Minutes from November meeting approved.

Treasurer's Report (Camell-Coppin): \$3775.30 (balance as of Dec 31 2011). Primary expenditures were payments to the state for membership dues (\$388.00) and a donation to the Alice Hamilton Scholarship Fund for 2011, in memory of members who passed away during 2011, including Jim Benedict & John Slay. Final report on the CAS annual meeting shows a net profit of just over \$220.

January is the annual renewal month – still waiting for memberships from numerous people. Will send reminder if dues not received by end of month.

Old Business:

- Speaker scorecard
November 10 - Nicole Branton
January 12 - Marcy Riser
February 9 – RA Varney
March 8 – TBD
April 19 – TBD
May 10 – Kolleen Kralick, The Cherokee Trail

New Business:

- Discussed potential options for different venues for monthly Chapter meetings due to elimination of free parking and frequent prior issues with parking gate
- Karen Kinnear designed and presented a brochure for IPCAS; requested feedback as to modifications desired
- Kinnear presented request from Pete Gleichman for board to review a funding request for a C14 date. Kinnear to get more information.
- Initiated discussions of potential field trips for 2012

Next meeting will be held on Thursday, February 2, 2012. Location: TBD

Meeting adjourned at 8:30 PM

Cheryl Damon, IPCAS Board Member
Secretary Pro Tem

2011 IPCAS Officers, Board Members, and major functions

President	Anne Robinson	(720) 890-3944	annerco@yahoo.com
Vice-President	Karen Kinnear	(303) 516-9260	kinnearkaren@hotmail.com
Secretary	Vacant		
Treasurer	Carolyn Camell-Coppin	(303) 775-9206	cacc.co@live.com
Professional Advisor	Dr. Robert Brunswig	(970) 351-2138	robert.brunswig@unco.edu
PAAC Coordinator	Gretchen Archarya	(303) 443-1416	gretchenwise@hotmail.com
CAS Representative	Karen Kinnear	(303) 516-9260	kinnearkaren@hotmail.com
Archivist/Librarian	Kris Holien	(970) 586-8982	kjholien@aol.com
Outreach Coordinator	Vacant		
Internet Manager	Vacant		
Calumet Editor	Tom Cree	(303) 776-7004	tomcree@earthlink.net
Board Member	Cheryl Damon	(303) 678-8076	cheryl_damon@msn.com
Board Member	Pete Gleichman	(303) 459-0856	pjgleichman@yahoo.com
Board Member	Kris Holien	(970) 586-8982	kjholien@aol.com
Board Member	Joanne Turner	(303) 494-7638	joanne.turner@colorado.edu

MEMBERSHIP APPLICATION - INDIAN PEAKS CHAPTER

<u>Quarterly new member enrollment</u>	<u>Individual</u>	<u>Family</u>	<u>Student</u>
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
<input type="checkbox"/> New <input type="checkbox"/> Renewal Tax-Exempt Donation <input type="checkbox"/> \$10, <input type="checkbox"/> \$25, <input type="checkbox"/> \$50, Other _____			
NAME _____		TELEPHONE (____) _____	
ADDRESS _____		E-MAIL _____	
CITY _____		STATE _____ ZIP _____	

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