



## Table of Contents

- From the President
- IPCAS Lecture: Holly Norton
- Feature: Bob Brunswig
- Spotlight: Rich Wilshusen
- In the Field - Field Trip
- Volunteer Opportunities
- In the News
- PAAC
- Highlights
- Calendar of Events
- IPCAS Board & Supporting Members
- Membership Application

## Happy Valentine's Day

Celebrate the holiday by giving the gift of an **Indian Peaks Chapter** membership to your Valentine.



## From the President

*By Rosi Dennett*

What an interesting lecture we had in January on ancient dugout canoes in the Mississippi and Missouri River Valleys by Dr. Peter Wood. He presented a very convincing argument for canoes being the major source of transportation in ancient times, which even though we don't have much archaeological evidence today, remnants of those canoes are surely out there. We just need to look for them! Thank you, Peter, for an enlightened, enjoyable discussion.

And don't miss the upcoming lecture on February 11 by State Archaeologist Holly Norton, who will present the archaeological evidence of the 1733 St. Jan slave rebellion in the Danish West Indies.

Also, if you haven't yet signed up for the PAAC class on Lithics, it's not too late! Classes start February 10th at the Boulder Rural Fire Rescue in Gunbarrel and, as you know, Kevin Black is always in top-notch teaching mode.

This is the time of year to be adding those Spring and Summer archaeology trips to your calendars, so be sure to save June 4th to the 12th for this year's IPCAS field trip. We will send out more information to you in the near future, but we are planning on a trip with behind the scenes tours to Mesa Verde, Ute Mountain Tribal Park, Sand Canyon, Mitchell Springs and Hovenweep. Whew! Certainly a field trip you don't want to miss.

And one last pitch for getting those membership renewals in, so we can be up to date and you don't miss out on any upcoming news.



*Photo Courtesy of Holly Norton*

### **About Holly Norton**

Holly Norton is the State Archaeologist and Deputy SHPO of Colorado. Her archaeological experience is extensive and includes work in Colorado, the Carolinas, the Northeast, and the Caribbean. Her BA is from the University of South Carolina and she earned her MA and PhD at Syracuse University. She is presently turning her dissertation "Estate by Estate: The Landscape of the 1733 St. Jan Slave Rebellion" into a book. Her research examines the evidence of political violence and utilizes spatial analysis of the built landscape to better understand the history of slavery and revolts. She has investigated African-American archaeological sites throughout the Virgin Islands, including studying maroons in St. Croix, urban slave sites in St. Thomas, as well as working at the Harriett Tubman House in Auburn, NY. Holly has also conducted research on loyalists in the American Revolution, the development of farming and agriculture in the US, and historic sites in Colorado.

## **IPCAS Lecture**

When: Thursday, February 11 at 7:00 pm

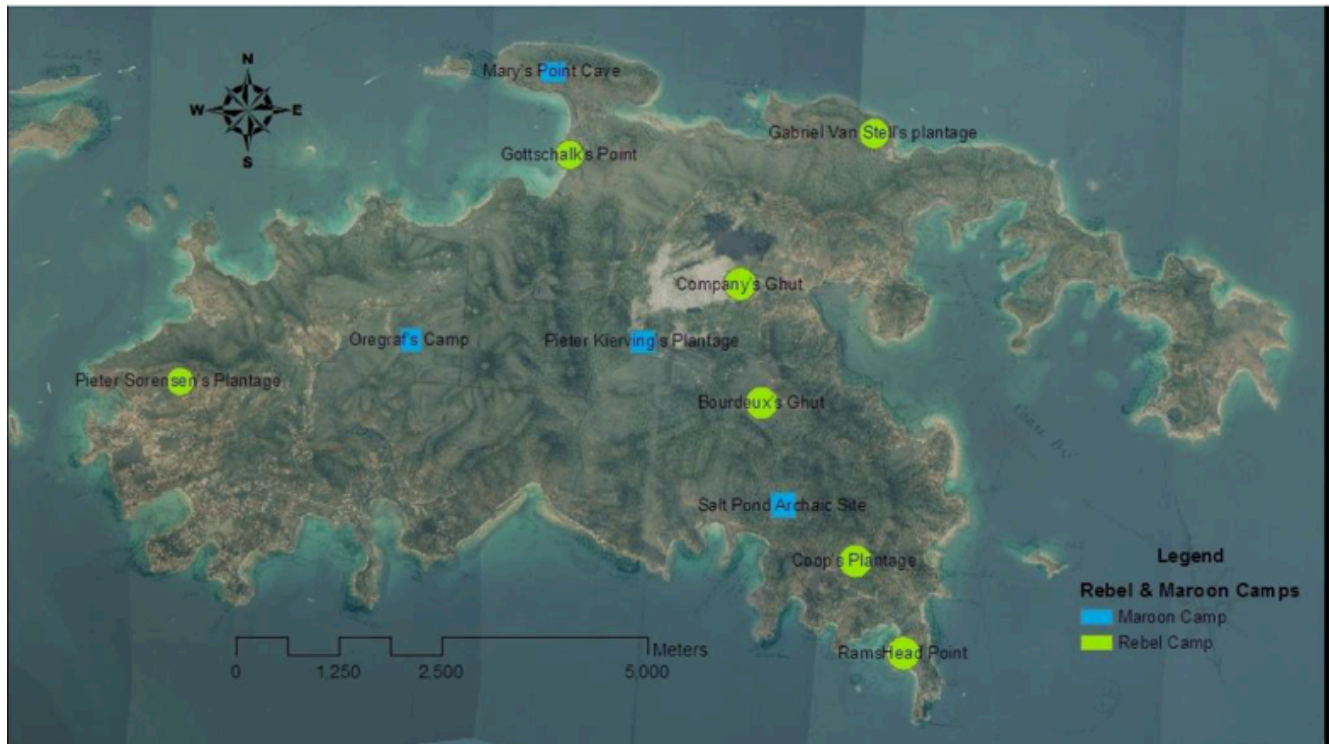
Where: CU Museum, Dinosaur Room

Cost: Free and open to the public

**Holly Norton -  
Colorado State Archaeologist &  
Deputy SHPO, History Colorado**

## **Archaeological Evidence of the 1733 St. Jan Slave Rebellion in the Danish West Indies**

The small Caribbean island of St. John today is a vacationers paradise and home to the Virgin Islands National Park. Historically, the island was a Danish territory that served as a trading outpost for the trans-Atlantic slave trade for several centuries. Although the thick vegetation of the island now hides the ruins of numerous plantations, the archaeology of these ruins offers unique evidence and striking revelations about the brutal history of slavery on this island. In addition, the archaeological record of St. John also provides evidence of a later thriving free-black community, and the post emancipation industries of bay rum, ranching, and maritime trade. For her February presentation Dr. Norton will focus primarily on her research on the 1733 St. Jan slave rebellion, research that truly illustrates the power of archaeology to complement written history.



*Location of Key Rebel and Maroon Camps at the Culmination of the 1733 St. Jan Rebellion*

*Image courtesy of Holly Norton*

## Feature Article

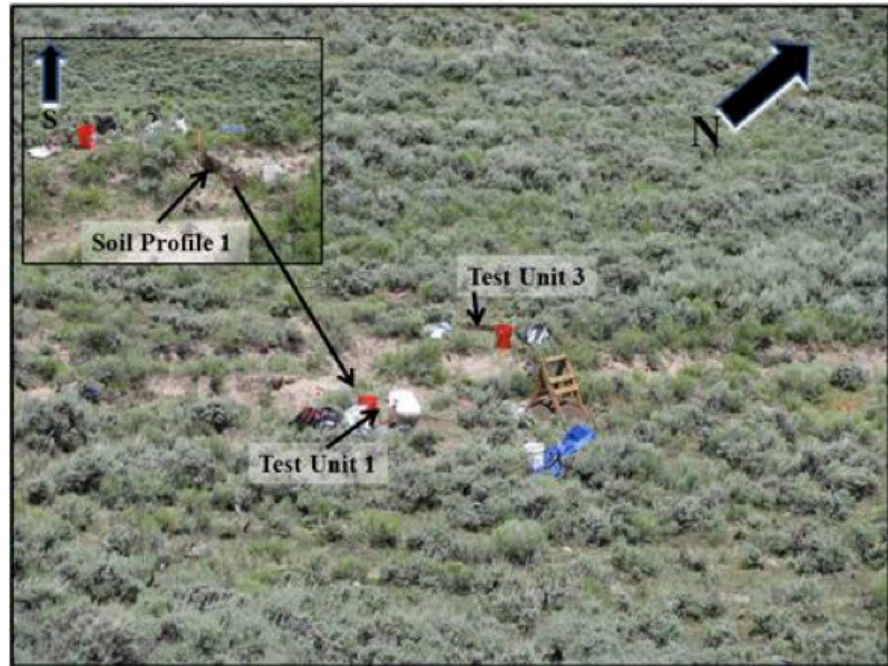
### 5JA319, A Single-Event Early Historic Bison Processing Camp near Buffalo Ridge, North Park, CO

*By Bob Brunswig*

*Emeritus Professor, Department of Anthropology  
University of Northern Colorado, Greeley*

The University of Northern Colorado, frequently assisted by Boulder CAS volunteers, has been conducting field studies in Colorado's Rocky Mountains North Park Valley since 2003. During the past twelve years, we have intensively surveyed more than 2,000 acres and test or partially excavated nine prehistoric through early historic Native American sites as part of the North Park Cultural Landscapes Project. Our research framework has focused on selected study (research) areas designed to sample specific types of environments and terrain within the valley. Our most recent fieldwork, centering on the North Springs Research Area, 7 miles south of Walden, Colorado, began in 2012 and intensively (5 m interval foot surveys) surveyed a mile-long high ridge (Buffalo) and adjacent spring camps, documenting an almost continuous archaeological landscape of stone ring (tipi) and game processing camps centered on a half-mile long ridge-top game drive complex. The drive complex consists of a very extensive bison drive and a few smaller individualized pronghorn "swale"

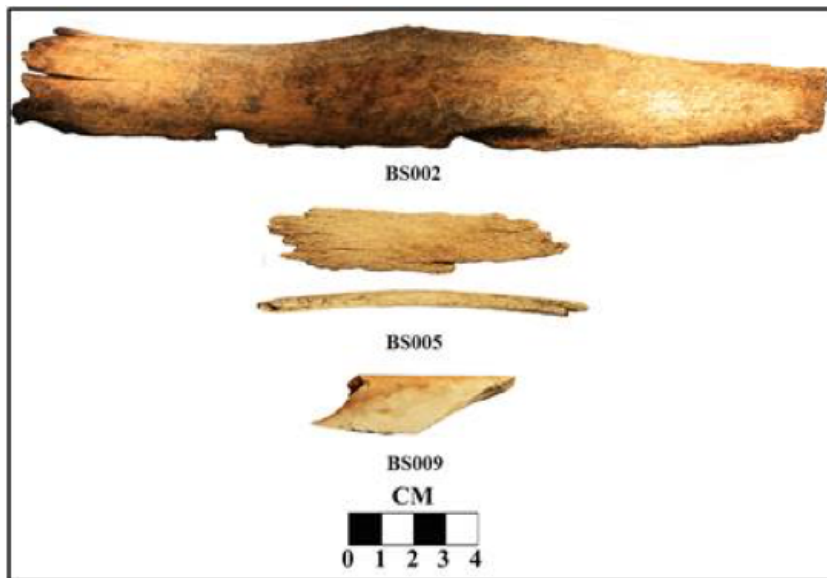
drives made of sixteen individual drive walls and nineteen game blinds. Hundreds of stone artifacts, representing butchering and processing tools, were mapped to 1 foot Global-Positioning System (GPS) precision using Geographic Information System (GIS) software. Projectile point types directly associated with the game drive system and ancillary game processing camps show they were in operation from early Late Paleoindian (ca. 10,100 BP) times into the Early Historic Period (ca. AD 1850s).



*Overview of Test Excavations and a Stratified Soil Profile Test in the Site Gully Wall  
Photo courtesy of Bob Brunswig*

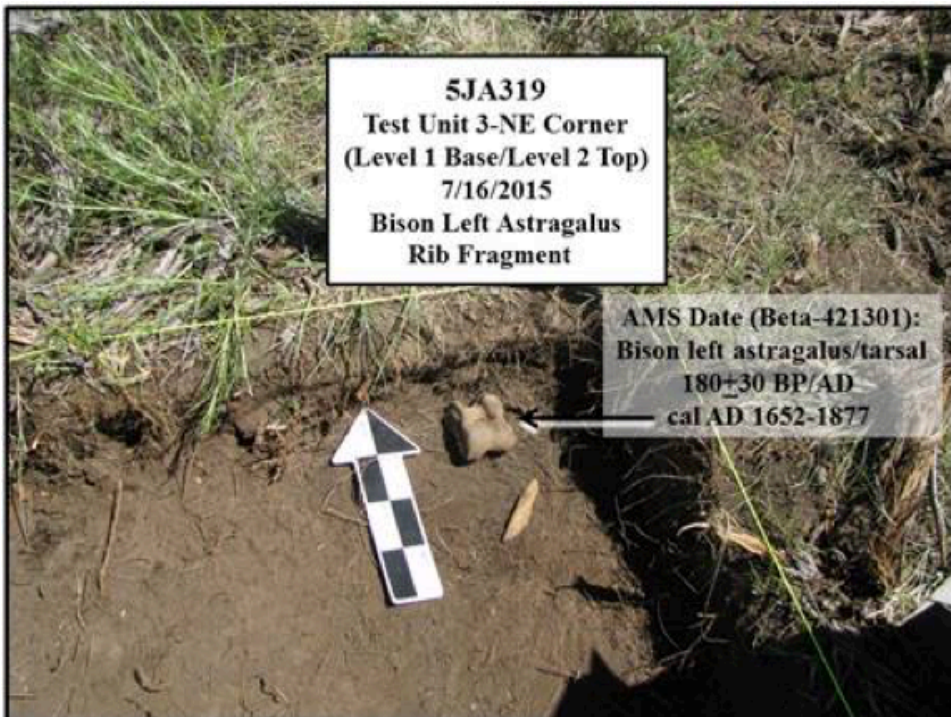
In 2014, UNC re-surveyed a formerly recorded site near an active spring, 5JA319, located below and northwest of the Buffalo Ridge game drive complex. Intensive survey and GPS-recording of site features and artifacts revealed weathered animal bone and tooth material along with a rock-hearth feature, stone tools, and more than a hundred tool-manufacturing/retooling flakes. Assisted by CAS volunteer April Gray and archaeologist

Christy Montgomery in 2015, we opened two test units at the site, recovering more than a hundred partial and fragmented bison bones, butchering tools, and re-sharpening flakes extending from the surface to a depth of 8 inches. Of particular note was a large oval, finely made butchering knife found a few inches (and ~10 inches deep) from a complete bison astragalus (leg joint), the distal end of a right tibia, and a right femur cap (long bone which fits into the hip).



*Bison Ribs Recovered from Excavation Units  
Photo courtesy of Bob Brunswig*

Detailed analysis of more than sixty bones identified segments of bison ribs, teeth, a horn core, skull bone, and abundant leg bone fragments. Several bones had sharp cut-marks on fresh bone material, possibly consistent with use of a metal knife. Three high-resolution (AMS) radiocarbon dates established the site as Early Historic. Two calendar-age corrected bone dates (one on the complete astragalus) produced median dates of AD 1765 and 1779. A third charcoal calendar-age date of AD 1572 is two hundred years earlier, but likely represents hearth charcoal from older dried sagebrush (e.g., “old wood”). Two projectile points recovered from the site’s surface in 2014 were triangular unnotched arrow-points characteristic of later Late Prehistoric and Early Historic occupations in the region. Along with dozens of formal and informal tools (knives, scrapers, awls, graters...) used in the butchering and processing of meat, bone, and hide were a large hand-grinding stone (mano) and an oblong hide-polishing stone. Although additional excavation is planned for this coming year (2016), current evidence indicates the site represents a small-scale local kill (possibly at the nearby spring) of one or two bison and thorough processing of their carcasses. It is significant that 5JA319 represents a smaller and less intensive hunting strategy than that shown by the nearby extensive and highly organized game drives. Incidentally, although projectile point chronologies show the ridge-top drive system was in operation for at least ten millennia, two bison horn sheaths (caps) recovered from a ridge-top processing camp and an excavated game blind show its active use dates to the same period as the 5JA319 camp. One of those sheaths (from the game blind, embedded in a drive wall) was AMS-radiocarbon calendar-age dated at AD 1727.



*In situ Bison Astragalus (leg joint bone) and Rib, Radiocarbon-dated at ca. AD 1765  
Photo courtesy of Bob Brunswig*

This coming year represents a new phase in UNC’s North Park archaeological research with implementation of a new five-year Bureau of Land Management Assistance Agreement through 2020. Next phase research will involve small-scale field studies of Owl Ridge sites on the eastern side of the valley, a search for winter camps along the western valley margins, and new paleoenvironmental field studies to supplement our earlier spring fen sediment coring program.

## Spotlight: Rich Wilshusen

*By Richard Wilshusen*



*Wilshusen tries to figure out which way to go on a Chaco era road segment in southeastern Utah  
Photo courtesy of Jonathan Till*

It is an honor to serve as your vice president this year. I join an exceptionally talented and experienced board; my role will be primarily focused on arranging our monthly programs. There are many great researchers working in our state and it will be a pleasure to arrange the speakers, as well as exciting to hear what they have to report. If you have suggestions for programs, do let me know.

For those of you who do not know me, I have worked as a field archaeologist, professor, curator, and contractor over the last 35 years. I have worked mainly in the northern Southwest, but early in my career I had formative experiences working in the Southern Plains, in the Maya area, and in the Amazon. Universities, cultural resource management firms, state and federal government, and tribes have all employed me over these years, so I have a singular view of archaeology given this wide-ranging employment. As a researcher I probably am best known

for my previous work on the Neolithic demographic transition, early Pueblo village formation, Southwestern migration pathways, early great house communities, and Navajo ethnogenesis (don't be intimidated by any of these technical terms—I can explain them later). At present, I am a little rusty as a field archaeologist and researcher, so help me keep this quiet until I can remember how to lay out a 2 by 2 m grid unit, OK?

I most recently served as the State Archaeologist/Deputy SHPO of Colorado for five years and I am re-earning my credibility as a regular archaeological researcher right now. I have been writing a great deal these last months and should have several new journal articles out by the middle of the year. For now, if you are curious to see what fascinates me, you can look at the most recent book I helped pull together: *Crucible of Pueblos: The Early Pueblo Period in the Northern Southwest* (2012). Although archaeology can be fickle as an occupation I have had the good fortune to stay busy working with great colleagues—young and old—on a wide range of fundamental issues. I look forward to getting to know the members of IPCAS much better over this next year.

## In the Field

*By Karen Kinnear*

### **Mesa Verde Field Trip, June 4-12, 2016**

The Four Corners/Mesa Verde area was occupied from 600 AD through approximately 1285 AD. The area was relatively peaceful between 600 and 1000, but saw increasing violence from 1000 AD on. This trip will examine the various occupations and the movement in and out of the Mesa Verde region as well as its relationship with the residents in Chaco and the Northern Rio Grande pueblos. We'll explore sites in Mesa Verde National Park, Ute Mountain Tribal Park, Hovenweep, Canyons of the Ancients, Mitchell Springs, and other sites with local archaeologists who will give us an inside look at the life and times of people who occupied the area up until approximately 1285 AD. Contact Rosi Dennett or Karen Kinnear if you are interested.



*Spruce Tree House, Mesa Verde  
Photo courtesy of Karen Kinnear*

## Volunteer Opportunities

- **CU Ceramics Lab** with Dr. Scott Ortman on Mondays from 3 to 6 pm at Hale Lab starting on January 11. Volunteers will sort and document Pojoaque/Cuyamungue ceramic sherds from northern New Mexico. For additional information, contact Gretchen Acharya at [gacharyafinearts@gmail.com](mailto:gacharyafinearts@gmail.com).

## In the World News

*By Chris Kerns*

Check out these great news feeds for global-level current events in archaeology:

- [http://www.sciencedaily.com/news/fossils\\_ruins/archaeology/](http://www.sciencedaily.com/news/fossils_ruins/archaeology/)
- <http://archaeology.org/news>
- <http://www.archaeologychannel.org/rss/TACfeed.xml>
- <http://www.archaeology.ws/worldarchnews.html>



# Program for Avocational Archaeological Certification

By Delane Mechling

## Certification Awarded

When a participant has successfully fulfilled the requirements of a particular certification level, the completed record is reviewed by the PAAC Board. The PAAC Board must evaluate the records and vote unanimously to grant certification. A certificate of expertise is then issued. These PAAC certificate awards are announced at the quarterly and annual meetings of the Colorado Archaeological Society (CAS). At the most recent quarterly CAS meeting on January 23, 2016 in Niwot, one PAAC certificate was awarded. The recipient is **Joan Prebish** from the Indian Peaks Chapter of CAS, who received her first PAAC certificate at the Laboratory Trainee level. Congratulations Joan!

For more information about PAAC certification requirements, go to the website for the [Office of Archaeology and Historic Preservation \(OAHP\)](#).



*Kevin Black presents  
Certification to Joan Prebish  
Photo courtesy of Rosi Dennett*

## Next PAAC Course

The **Lithics Description & Analysis** course will be conducted at the [Boulder Rural Fire Rescue](#) facility in Gunbarrel at 6230 Lookout Road starting February 10 through March 23. This course introduces individuals to the technology of stone tool manufacture, the identification of tool classes, and basic lithic analysis. It's important that individuals learn to recognize this kind of material, as it's often the best indication of the presence of an archaeological site. Eight people have registered to date. To register, contact Delane Mechling.

## Updated PAAC Handouts

Kevin Black recently updated the handouts for the PAAC classes. Contact Delane Mechling if you are interested in obtaining any of the updated handouts.



## Highlights

### CAS Quarterly Meeting

*By Karen Kinnear, 2016 CAS President*

A big THANK YOU to IPCAS board members Rosi Dennett, Joan Prebish, Kris Holien, and Delane Mechling for helping to organize, buy treats, set up and clean up after the CAS quarterly meeting held at the Lefthand Grange in Niwot on Saturday, January 23. Refer to the upcoming issue of *The Surveyor Magazine* for the highlights from the board meeting.

### Colorado Council of Professional Archaeologists Annual Meeting

The CCPA Annual Meeting is a great way to network and learn about Colorado Archaeology. The meeting will be held at the Historic Steam Plant Event Center in Salida on March 18-20. Among the presenters will be CAS members who will present the latest findings at the Blackfoot Cave excavation and analysis. To learn more and to register, go to the website for the Colorado Archaeological Society at [www.coloradoarchaeology.org](http://www.coloradoarchaeology.org).

### Site Stewardship

*By Martin Anderson*

In early January, a survey form was sent to IPCAS members who participated in the April 2013 Site Steward Workshop offered by the US Forest Service and presented by USFS archaeologist, Sue Struthers. The intent of the survey is to solicit feedback from workshop participants who signed on as Site Steward volunteers and accepted specific archaeological sites to visit yearly.

Karen Kinnear and Martin Anderson are conducting the survey and encourage all Site Stewards to return their surveys by February 7. This feedback from volunteers is needed to determine the success of the program, areas for improvement, and eventually the interest of our membership in the expanding the opportunities for additional members to participate in the future. Direct survey responses or related questions to [martinanderson43@msn.com](mailto:martinanderson43@msn.com).

### Help Wanted

The **Alice Hamilton Scholarship Fund Committee** is looking for two new members who are willing to take on a lead role in our fund-raising activities. Fund-raising has been done by Terri Hoff for many years, but she is now wanting to relinquish the duties to some "new blood". The successful applicants will be trained/mentored by Terri.

**Position One: Raffle/Games Manager.** This individual will interact with the Colorado Gaming Commission, for reporting and compliance with State gaming rules and regulations. This certified position requires a one-day training class, taken either in classroom or online: [http://www.sos.state.co.us/pubs/bingo\\_raffles/bingoHome.html](http://www.sos.state.co.us/pubs/bingo_raffles/bingoHome.html). He or she will perform the following tasks:

- Solicit donation of raffle items from the membership
- License the upcoming raffle with the Colorado Gaming Commission
- Prepare and distribute raffle flyers and other promotional/advertising materials.
- Print raffle tickets and distribute to Chapters
- Set up and conduct the raffle at the CAS Annual Meeting
- File Quarterly reports with the Colorado Gaming Commission
- Participate in the Committee's annual scholarship application review and scholarship determination process

**Position #2: Silent Auction Manager.** He or she will perform the following tasks:

- Promote and solicit donation of silent auction items from the membership
- Arrange for Silent Auction display space at the CAS Annual Meeting
- Conduct the Silent Auction, with assistants.
- Participate in the Committee's annual scholarship application review and scholarship determination process

For questions and volunteering, please contact either Phil Williams ([p2wms@comcast.net](mailto:p2wms@comcast.net), 719-291-9298) or Terri Hoff ([swedishgirl20@gmail.com](mailto:swedishgirl20@gmail.com), 720-384-3017)

## Calendar of Events

The IPCAS meetings and lectures are free and open to the public. The meetings are held at 7 pm on the second Thursday of January, February, March, April, May, September, October, and November in the University of Colorado Museum (CUMuseum), Dinosaur Room.

Feb 11	<p><b>IPCAS February Presentation</b>  <i>Archaeological Evidence of the 1733 St. Jan Slave Rebellion in the Danish West Indies</i>  <b>Speaker: Holly Norton</b></p>
Mar 10	<p><b>IPCAS March 2016 Presentation</b>  <i>Return to Upper Crossing: What New Architectural Data Tell Us about American Indian Settlement Systems in the Southern Rocky Mountains</i>  <b>Speaker: Mark Mitchell</b></p>
Apr 21	<p><b>IPCAS April 2016 Presentation</b>  <i>Ancient Woodworking, Animal Use, and Hunting Practices in Southeastern Utah: New Insight from the Study of Early Perishable Collections</i>  <b>Speakers: Chuck LaRue and Laurie Webster</b></p>

*Check out the [Indian Peaks Chapter website](#) for more exciting events and activities!*

## 2016 IPCAS Board & Supporting Members

### Board Members

President	Rosi Dennett	<a href="mailto:rosidennett@gmail.com">rosidennett@gmail.com</a>
Vice President	Richard Wilshusen	<a href="mailto:rhw1883@gmail.com">rhw1883@gmail.com</a>
Secretary	Debbie Smith	<a href="mailto:debbiesmithcmc@gmail.com">debbiesmithcmc@gmail.com</a>
Treasurer	Hal Landem	<a href="mailto:hal963landem@gmail.com">hal963landem@gmail.com</a>

### At Large Board Members

	Cheryl Damon	<a href="mailto:cheryl_damon@msn.com">cheryl_damon@msn.com</a>
	Kris Holien	<a href="mailto:kjholien@aol.com">kjholien@aol.com</a>
	Joanne Turner	<a href="mailto:joanne.turner@colorado.edu">joanne.turner@colorado.edu</a>

### Appointed Positions

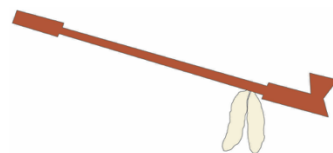
PAAC Coordinator	Delane Mechling	<a href="mailto:mechlings@hotmail.com">mechlings@hotmail.com</a>
Communications Director	Joan Prebish	<a href="mailto:joan.prebish@yahoo.com">joan.prebish@yahoo.com</a>
Outreach Coordinator	Allison Kerns	<a href="mailto:a.marcucci@rogers.com">a.marcucci@rogers.com</a>
CU Liaison	Gretchen Acharya	<a href="mailto:gacharyafinearts@gmail.com">gacharyafinearts@gmail.com</a>
CAS Representative	Karen Kinnear	<a href="mailto:klkinnear@hollandhart.com">klkinnear@hollandhart.com</a>
Website Administrator	Anne Robinson	<a href="mailto:annerco@yahoo.com">annerco@yahoo.com</a>
Professional Advisor	Bob Brunswig	<a href="mailto:robert.brunswig@unco.edu">robert.brunswig@unco.edu</a>

**Editor: Joan Prebish**

**Members are encouraged to send ideas or material for The Calumet. All content is subject to review and approval by the IPCAS Board.**

**The submission deadline is the 15th of the month for the next month's issue.**

**Send to [joan.prebish@yahoo.com](mailto:joan.prebish@yahoo.com)**



## MEMBERSHIP APPLICATION - INDIAN PEAKS CHAPTER

Category	Amount
Individual	\$28.00
Family	\$33.00
Senior – Individual (does not receive <i>Southwestern Lore</i> )	\$14.00
Senior – Family (does not receive <i>Southwestern Lore</i> )	\$16.50
Student – Individual	\$14.00
Student - Family	\$16.50

\_\_\_ New \_\_\_ Renewal or Tax-Exempt Donation to IPCAS \$\_\_\_ or Alice Hamilton Scholarship Fund \$\_\_\_

**Note: Membership period runs from January 1 through December 31 (calendar year).**

**Make check payable to:** Indian Peaks Chapter, CAS

**Mail to:** PO Box 18301, Boulder, CO 80308-1301

**Please provide the following information:**

Name:		
Phone:		
Address:	State:	Zip Code:
City:		
Email:		

**Indicate whether or not you 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:** \_\_\_\_\_