

## Utah Professional Archaeology Council Spring 1999 Newsletter

### UPAC Officers

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### Editor's Comments

Andrew Ugan, UPAC Newsletter Editor

Hello all and welcome to the UPAC Newsletter. As your newly volunteered newsletter editor, I'm taking advantage of my position and preempting our President to make one important announcement:

### SEND ME YOUR E-MAIL

**ADDRESS:** In an effort to make the newsletter more timely, more responsive, cheaper, and easier to manage I'd like to develop a distribution list of UPAC members and provide information electronically. While fancy formatting will be lost, news can be processed and distributed quickly and at no cost.

Moreover, it will provide a means of sending out late breaking news on short notice and hopefully make it easier to solicit contributions from individual members. Those who don't have e-mail and those who wish to continue to receive a print version will of course do so. If you have e-mail and are interested in the idea, get ahold of me at "andrew.ugan@anthro.utah.edu" and simply put "UPAC e-mail" on the subject line. I'll take care o' the rest.

### UPAC Presidential Message, Spring 99 Denis Weder, President

It's time to start thinking about our spring campout: 23 and 24 April 1999 at Knolls (mile marker 41) along I-80 west of Salt Lake City. We will follow the usual schedule: business meeting at 1:00 PM on Friday and papers/discussion Saturday morning. There will also be tour(s) of local

sites. The Knolls area is an ORV area with lots of hills, sand dunes and mudflats, so plan accordingly. If anyone has any papers they would like to present, let me know. I plan to have a speaker on Native American issues.

The Antiquities Section has graciously offered to sponsor a breakfast on Saturday morning. We are planning a catered Dutch oven dinner Friday night.

We are planning a tour for Saturday afternoon which will include Danger and Jukebox caves, some of the WW II facilities at Wendover, and several prehistoric sites on Air Force property along the Utah/Nevada border. FOR PLANNING PURPOSES PLEASE NOTIFY EITHER MYSELF OR RENAE (801-533-3529) IF YOU PLAN TO ATTEND.

While perusing the four boxes of documents that Stan McDonald gave me when I began my term, I noticed that the bylaws had probably been amended. In order to verify this, I began searching out old newsletters to determine if the proposed amendments had actually been passed. They were and I retyped the Bylaws to include these amendments. If any one is interested in a copy, let me know. I hope this is the first step towards getting UPAC documentation in electronic format. (Thanks to Evie Seelinger, who donated her entire collection of newsletters, and to Kevin Jones for filling in the missing ones. We have an almost complete set of newsletters in the Division of Antiquities library. We are missing one newsletter: Vol. 6 No. 2 from spring or summer 1988; if anyone can send me a copy, I'd appreciate it).

Retyping the Bylaws was an eye opener: how many of you are aware that we have a

Curriculum Director? Does any one know who it is? The Bylaws indicate that it is an elected position, but in reality it is not. This situation needs to be discussed at the next meeting. Another possible change in the Bylaws concerns the process for selecting meeting locations. It's supposed to be a voting matter, but in my experience has been (and continues to be) decided by the President. A third Bylaws change we need to formalize is the Journal subscription for USAS members. According to the Bylaws, USAS members do not get a free Journal, but since they do, we need to formalize this benefit.

I will soon be delivering a copy of the Bylaws to each UPAC officer with their pertinent sections highlighted; to all future presidents, I would recommend all new officers read them immediately upon election. I wish I had. (But don't try to hold me to Robert's Rules of Order, I haven't gotten to that yet).

Does anyone have a list of UPAC fellows? Will those of you willing to admit it please let me know who you are so I can start a list?

More detailed info on the spring meeting will be forthcoming.

### **State of Utah Antiquities Permits**

When renewing your antiquities permit please make sure your application is complete and signed. Also, make sure you include a copy of a current curation agreement. Antiquities permits cannot be issued unless you have a curation agreement. I would prefer if you sent the application in with the curation agreement; that way I'll

have everything at once. We will need to have current resumés of principal investigators and field supervisors listed on your permit.

For excavation permits, please include a copy of the research design. If you have people that you want to add to your permit as field supervisors or principal investigators, send a letter requesting the additions along with a resumé for the person(s). We can usually review those in a few days. If you have any questions, please call Ron Rood at 801-533-3564. (Email rrood@history.state.ut.us).

#### UPAC Membership, January 13, 1999

Dear UPAC Membership:

As VP for Membership in UPAC, I put together a little bit of information on our current membership. These numbers are based upon the membership rolls as of November, 1998. There are some new members but I don't think the overall numbers have changed much. This might be of some help in assessing our membership needs. These numbers are based on a current UPAC membership of 156 individuals.

The first thing I did was look at membership based on the State the member lived in. Not too surprising, 63.5% of current members live in Utah. 36.5% of current UPAC members live outside of Utah, but many are CRM individuals who do work in the state. The membership of individuals from states other than Colorado, Arizona and Nevada is below 6.

Next, I wanted to look at the demographics for UPAC. There is really no way to look at age without a detailed survey, but I did look at sex. 59.6% of the membership are male while 40.3% are female.

The next thing I looked at was the distribution of UPAC members by their affiliation, i.e. Federal, State, Academic, CRM, etc. This is probably the most interesting breakdown. Just over 30% of UPAC members are affiliated with a CRM company (n=47). Federal archaeologists make up the next highest category at 19.8% (n=31) followed by academic based archaeologists at 12.8% (n=20). State employed archaeologists make up 10.8% (n=17) of the membership. Students and USAS members each comprise 3.8% (n=6 for both) while 18.5% (n=29) are unknown. For the unknown, I could not tell from the name on the membership roster the affiliation of that person. I suspect several are USAS or they work for private CRM companies. I'm not sure.

Finally, I looked at UPAC members' musical preferences. Based upon a sample of UPAC members, it appears that Bluegrass is the music of choice of 75% of UPAC. The second most popular is Freestyle Jazz Improvisational Accordion at 20% followed by Ginger Baker Drum solos at 5%.

Thanks,

Ron Rood  
Vice President Membership and Ethics

## Status of Utah Archaeology

### Utah Archaeology News

At the Fall 1998 business meeting a change in editorship for Utah Archaeology was discussed. Steve Simms was nominated as the new editor for UPAC. He and the present editor, Kevin Jones are currently working on the transition of the journal.

The Utah Division of State History will continue to market the journal, and the same printer in Salt Lake City will be used to produce the journal.

Kevin and Steve are working on several issues at once. Kevin will continue to produce the 1997 issue (which is at the press), and the 1998 issue (which is close to being sent to the press). Steve is soliciting manuscripts for the 1999 issue. With both editors working on the journal during this year of transition, it is hoped that the 1999 issue can be out early that year. This effort can only be successful if the journal is supported by archaeologists working in the region who are willing to submit high quality manuscripts for the journal. Please consider submitting full length articles or short research reports (see the editorial in this issue of the UPAC News by Jason Bright). Also, book reviews are always needed and are relatively easy to write.

Kevin and Steve are hoping that an extra effort this year by all of us who support the journal will put Utah Archaeology closer to its intended

schedule. If this happens, we will be in a position to pursue a marketing campaign next year to place the journal in more libraries across the western U.S. and in the hands of archaeologists who are interested in the region, but who are not members of UPAC. This will not only increase the readership and the stature of the journal, it may attract new members to UPAC. A similar marketing effort a number of years ago showed great promise, and will be attempted again as the journal gets closer to being on its intended schedule. Again, this can only happen with the support of archaeologists.

Continue to send inquiries about purchasing the journal to:

Utah Archaeology  
Utah Division of State History  
300 Rio Grande  
Salt Lake City, UT 84101

Direct inquiries about editorial matters and journal production regarding the 1997 and 1998 issues to:

Kevin Jones  
Utah Division of State History  
300 Rio Grande  
Salt Lake City, UT 84101

Direct inquiries about editorial matters, journal production and manuscript submission for the 1999 issue to:

Utah Archaeology  
Attn. Steve Simms  
Anthropology  
Utah State University  
Logan, UT 84322-0730

### THIRD USAS EDUCATION WORKSHOP HELD IN PROVO

Although the new Level 1 and Level 2 curriculum is not yet finished, the workshop component of the USAS Utah Avocational Archaeology Education Program (UAAEP) is progressing ahead of schedule. The third workshop, on the topic of faunal analysis was held at the Museum of Peoples and Cultures in Provo last January 23rd.

USAS members from the Price, Vernal, Richfield, Provo, Salt Lake and Ogden attended, as did students from the U of U, BYU and two elementary schools in the Salt Lake area. A total of 37 people attended the workshop which was designed to teach the basics of animal bone identification. Whitney Parker, age 12, won the prize for the youngest participant (a Zinj mug) while the prize for the oldest participant went unclaimed. Chris Horting won the prize for the person who traveled the greatest distance to attend the workshop (a shark jaw and a Zinj mug) while Adam Webb, age 12, won a bottle of Tabasco Sauce for correctly identifying a femur.

Previous UAAEP workshops on flintknapping, taught by Dennis Weder and Cooking with Hot Rocks taught by Kristen Jensen and Jill Jensen were taught last Summer and Fall. We have a wish list of some 60 potential workshops that USAS members are interested in taking. Included are workshops on photography, ceramic analysis, rock art recording, seed identification, flotation, map making, and site stewardship. Some upcoming

workshops will be on lithic analysis and Historic Preservation Law.

If you would like to teach a workshop on your own area of expertise, or if your USAS Chapter would like to host a workshop, contact Ron Rood at the Division of State History.

### Accessing CRM's Grey Literature

Jason R. Bright, Univ. of Utah and P-III Associates, Inc.  
jason.bright@anthro.utah.edu

Many of us appreciate the volumes of descriptive and analytic data being generated by CRM archaeology in Utah and across the country. We also recognize that much of it is limited to "grey literature" collecting dust on the shelves of state offices, and the logistic problems presented in finding desired reports amid the masses of material available. Given these problems of access, state offices may become the graveyards where CRM data go to die. I would like to address this old problem with a few reasonable suggestions that might easily rescue these data from anonymity.

First, I suggest that one or more articles in a refereed journal, of at least regional interest, be published at the completion of each large project. This way, whatever the topic may be, the list of citations will no doubt reference some or all of the archaeological work in the area, including grey literature reports. Any interested party can then easily find

the specific office and report to track down.

I recognize the extra time and money this involves, but re-focusing reporting requirements will allow us to escape the stranglehold of the "bottom-line." For example, the appropriate management agency might shift their reporting requirements to include submitting site forms and brief descriptions of their research design and results, all to be filed with the state office. The remainder of the responsibility would then be to publish topical articles in the refereed literature. This is, or is at least similar to, how Kathy Callister is approaching cultural resource management at Dugway. This way the private company, government agency or university doing the work is saved the burden of lengthy (even redundant?) report writing and can spend that time and money on the professional responsibility to publish accessible literature.

Alternatively, students and recent graduates working their way up the employment ladder, who are "under-the-gun" to publish and begin building a C.V., might take it upon themselves to do this at no cost to a CRM organization. This includes anyone at a university, private firm or state or federal office with a research question and the time to go over the literature.

While this approach is attractive, it may also be feasible to maintain a webpage that lists author, year, organization, project area and an abstract, along with a link to a downloadable .zip file. This could be compiled and maintained by a state office, which could create some sort

of partnership with other organizations to spread the workload around. As long as each submitted report contains an abstract in an electronic format, it is relatively easy to convert it into file that is readable by a common, inexpensive software application (e.g. Adobe Acrobat Reader is free to download off the internet).

Alternatively, *Utah Archaeology* or the UPAC newsletter could provide an outlet for abstracts of current research. This has been done before, but the difficult part is getting authors to submit abstracts. Why this is the case is difficult to understand, aside from the fact that authors have no incentive to quickly e-mail existing abstracts, or to drop a 33 cent stamp on an envelope.

The problem of "breathing life" into CRM data is an old one. A reasonable solution includes shifting reporting requirements from voluminous grey literature few can effectively access and manage, to include published articles. Authors then shift time and money into publishing in a more accessible forum. Maintaining an on-line database is also a feasible approach. These ideas are in keeping with the "spirit of the law," which everyone recognizes. That is, CRM archaeology does not stop once a site is excavated, but continues through providing *accessible*, substantive results.

*Thanks to Peter Ainsworth, Kathy Callister, Duncan Metcalfe, Alan Schroedl and Steve Simms for comments and ideas.*

**Restaurant Review: Big City Soup**  
Reviewed by Ron Rood, Antiquities  
Section

Next time you're doing a files search at the Antiquities Section, drop by Big City Soup for lunch. It's located at 235 South 400 West in Salt Lake City, just a short walk from the Rio Grande Building. Big City Soup offers a variety of fresh made soups served with a roll, cheese and a little bottle of Tabasco. Their offerings included Corn and Scallop Chowder, Thai Coconut Chicken Noodle, Wild Rice and Mushroom, Roasted Acorn Squash and Shrimp, and Smokey Southwestern Minestrone. They'll add new soups from time to time and they are planning a Friday Clam Chowder in the near future. The atmosphere is laid-back, simple and comfortable and the service is fast and friendly. Prices are reasonable and the soup is excellent. My favorites are the Thai Coconut Chicken Noodle which has just the right blend of coconut and chili and the Wild Rice and Mushroom a hearty soup for a cold winter day. Big City Soup is highly recommended for lunch or dinner as they are open until 7 p.m., Monday through Friday.

**Legislative Update on Native  
American Remains and Historic  
Artifacts**  
Kevin Jones

Legislation strengthening archaeological site protection and clarifying the definition of a dead human body passed the Utah

Legislature in February, and awaits the Governor's signature before passing into law. House Bill 192, sponsored by Representative Eli Anderson (D) of Tremonton, was drafted through a coordinated effort of the Native American Legislative Liaison Committee, the Division of Indian Affairs, the Antiquities Section, and the Native American Remains Repatriation Committee, in cooperation with the Attorney General's Office and the Office of Legislative Research. The bill was supported by the Utah Association of Prosecutors, USAS, UPAC, and the Utah Tribal Leaders. Essentially, the bill increases the penalty for causing over \$500 in damage to an archaeological site from a misdemeanor to a felony. It also clarifies the definition of a dead human body in the state "Abuse or Desecration of a Dead Human Body" statute to include "any part of a dead human body in any stage of decomposition, including ancient human remains." This makes it clear that it is unlawful to plunder burial sites, ancient or modern, even on private land.

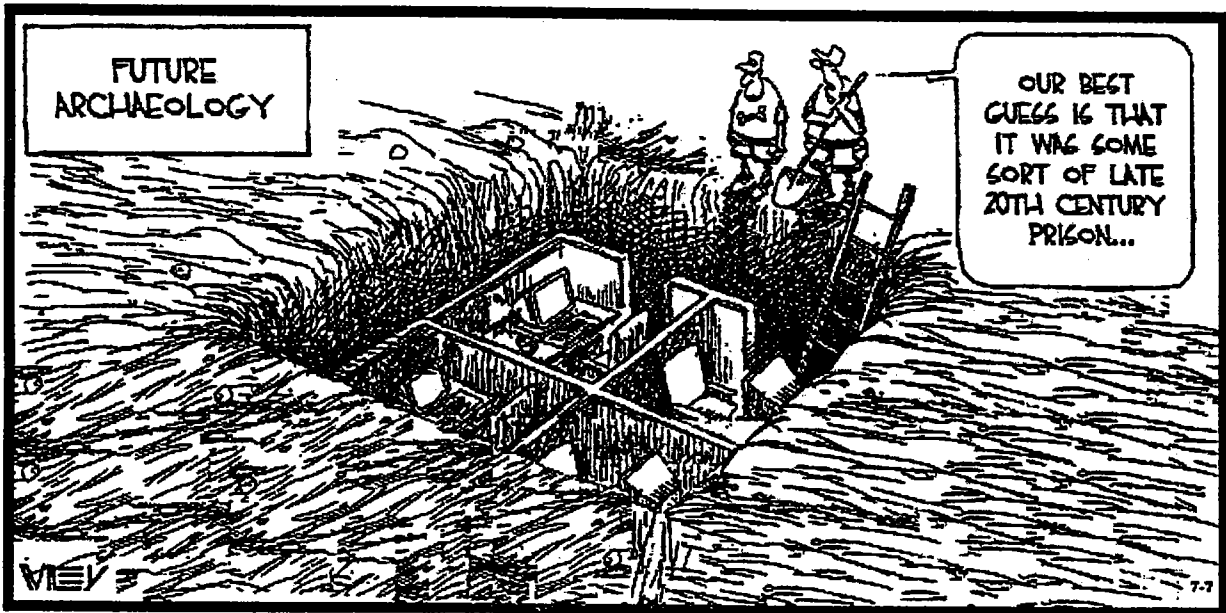
The passage of these amendments is a significant advance in protection of cultural resources and burial sites. We owe a great deal of thanks to Forrest Cuch, Director of the Division of Indian Affairs, Representative Eli Anderson, Senator Pete Suazo, Senate President Lane Beattie, Trish Owen of the Office of Legislative Research and General Council, and Thom Roberts of the Attorney General's Office for their efforts.

The complete text of the bill can be found appended to the end of the Newsletter.

The attached version is H.B. 192 Substitute and represents the latest draft. Interested parties can

find this and other legislation on the State of Utah webpage (["http://www.state.ut.us"](http://www.state.ut.us)). Versions exist in HTML, PDF, and TEXT formats.

- ed.





**Minutes of the UPAC Business Meeting**  
**Nov. 13, 1998**  
**Salt Lake City Utah**

Began 1:30 PM. Dennis Weder Presiding  
Recording Sec. Marian Jacklin is absent due to Pneumonia (minutes transcribed from tape)  
Doug Melton, Editor is on way to new job in New Mexico.

Dennis asked for understanding regarding newsletter Murphy's Law really is in effect. It is available at the meeting

Jim Dykman, Treasurer--  
Money market account has \$4,721  
Donated \$1000 to Intrigue of the Past Program  
Collecting dues at this time.  
UPAC is in pretty good shape at this time but need to get the money up.  
Anyone that wants to can come look at the financial files.

**Kenny Wintch\_ State Trust Lands-**

Status of State Land Exchange, as this is a congressional/legislative process it is transparent in regards to Cultural Resource surveys. All Trust lands within the Grand Staircase National Monument will be Federal after first of the year. Some Federal Mineral Lands will come into State trust. Jim Dykman asked about the Ferron Oil and Gas land and will check if it is in the Federal EIS Process. The contractors may be waiting to see if they get a better deal with environmental process when the land becomes state trust land. It was clarified that they may, in some aspects but not in cultural, they still have to do it. Evie asked about what Prop.#3 just passed is about. Kenny did not know at this time. Kevin Jones asked about the proposed Conservation areas. Kenny said that they were going to amend the Utah Constitution that no more land would be sold at appraised value and no more to State Parks and Recreation. Dennis asked if the State has its own version of NEPA. Kenny stated that the only environmental regulations the State is required to do is Heritage and Toxic Waste.

Kenny stated that the Land exchange was most likely a one time thing. May be more in future after BLM wilderness bill is finished. This kind of exchange has never happened in any other state. A question about if Paleontological surveys were required on State Land and if not should UPAC address this issue. No answer.

David Madsen concerned that because of Prop. #3, Trust Land is still to be sold to fill the bottom line. Shane Baker should be sent to check with State Lands about this issues and how this will regulate Cultural resources on State Lands. Also suggested that we get USAS members to help with a letter writing campaign to State Trust Lands about their concerns.

Dennis informed the group that the Air Force is in the process of giving 15,000 acres back to the BLM in Nevada land that they used for weapons testing. Numerous sites and unexploded ordinances are involved. Going back to BLM who is to turn it over to City of Wendover. Many issues that will come out of this action may effect what happens in Utah in regards to Prop. 3.

Kenny wanted the group to know that State Lands is going after vandals in both Paleontology and archaeology. "Kickin' ass and takin' names". Redd's don't want to deal with the States' civil case until the criminal case is finished. Judge agrees and so it sits. Pleas from Kenny that if consultants are on State Land and see vandalism that they call the cops and Kenny as soon as possible.

Lively discussion followed regarding concerns with the State Lands selling land with archaeological resources on them and expecting deed restrictions to work now and in the future. One big concern of the group was how are they going to be enforced if no money is made available. We need to keep the dialog open between UPAC and State Trust Lands so that we keep both sides open to discussion.

**ACTION ITEM:** write letters and send Shane Baker or Dennis Weder to talk face to face.

Kevin Jones wanted to know if there is a change in attitude from 8 years ago when he worked with them. Is attitude still that you only need to do archaeological survey on State Lands if sites were know to be there. and the Landowner would take responsibility for survey and protection. How can landowners be expected to allow agency on their private land to monitor. And if they do what will happen if they are not following their deed restrictions.

Ron Rood State History--

The Certification update is coming along (uncontrolled laughter) Not sure where it will be field tested. Need 10-12 people to run the course.

Workshops held have been great success. More to come this year. Asked for volunteers to teach workshops. (Suggestion from audience that the UPAC members may need to have IMAC workshop to help them fill out the forms properly.)

Dennis-- Brought up the possibility of someone from UPAC serving as Regional Rep to the Native American Board. One focus of his Presidency is to establish better communications with Native Americans so he would like to see UPAC represented. Asked for volunteers. Call him if you are interested. Also asked about the Resource Advisory Board. Shane Baker is the best fit but as he is up for election may not be available. ( He declined) It is a three year appointment. Not much response. Steve

Simms discussed his difficulty at getting volunteers during his tenure as President and that maybe per diem could be provided as a motivation for the volunteers. A suggestion from the floor that the state be divided up and people from those areas will attend the meetings of the Tribal Councils and or the Resource Board in those areas. This way a much more personal relationship can be reached.

Passed none opposed-

It was moved that the executive committee get a map and divide up the state and get people from those areas to represent UPAC when issues occur that need to be addressed by UPAC. Motion Seconded by Jim Dykman. Steve Simms clarified that this formal idea is a good way to get off the block. This would establish a group of Regional Representatives throughout the state that would be of service to UPAC. Either asked to volunteer or strong armed. Motion by Steve Simms: The UPAC Executive Committee shall appoint regional volunteers to serve the needs of the organization. Seconded by David Madsen.

Passed. None opposed.

Dennis-- addressed the elections. Marian Jacklin recording Secretary will be extended for one year and this will get this position back on schedule. Shane Baker and the position that he has served in for a year is due to be reelected. Shane approached about running again and he declined.

Nominations for V.P. of Government Affairs:

1. Charmaine Thompson (absent) by Kenny Wintch
2. Richard Talbot (absent) by Steve Simms
3. Kathy Callister by David Madsen (Present, accepted nomination)

Archaeology Journal Editor:

1. Steve Simms by Kevin Jones

Kevin will complete the 97 and 98 Journal. Steve will be responsible for 1999. There will be some overlap of the editions will happen. This will allow for the journal to catch up and get ahead.

Newsletter editor: someone will be appointed to fill the remainder of the term. Nominating Committee will propose nominees for appropriate election.

Mike Polk-- The Society of Historical Archaeology will hold their National Conference in Salt Lake Jan 6-10. There is a need for volunteers to man Poster Sessions, and regular sessions It is important that UPAC support SHA. Questions about what other kind of help was necessary. Needed at least \$500 to sponsor half of a coffee Break. Discussion followed about the best use for UPAC's money. Fee to conference will be waived for volunteers. There is also a pin available and 15 scholarships for a year's membership for Students for student volunteers. This

issue had been discussed at the Spring '98 meeting and it had been decided that UPAC not participate due to its limited finances. The decision was reaffirmed by members present.

Kevin Jones-- Great Basin Conference will be in Ogden in Oct of 2000. Steve Simms is Chairman and Brook Arkush Local Arrangements Chair. Hope to have about 500 attendees. Office of Management and Budget has stated that the 1992 amendments will stand. Too many problems with the proposed amendments. Problems with Alaska minerals lands.

Discussion about problems at the State Parks not complying with Section 106 of Section 404 on new developments. There is also concern with other state agencies not complying.

Motion from floor--: UPAC will send a letter to the Division of Parks and Receptions suggesting that the Division prepare new administrative guidelines stipulating compliance with Section 404.

Modified--by David Madsen to send this message to all state agencies.

Seconded--by Joel Janetski.

Passed. None opposed.

Dennis asked for a list of all agencies to be contacted. Also to get together to put a packet of appropriate laws to present to agencies.

Stan McDonald--ARPA case from the Dixie National Forest and BLM. Judge asked for further evidence of why he needed to follow the federal code. Had to redo the Damage Assessment. Judge tossed out the Restoration and Repair, and Archaeological Value. Gave only damage to the aesthetic value.

Kevin--talked about status of Redd's ARPA case. Judge Anderson bound over once and dismissed once. State filed an appeal on dismissal. Not going very fast on the appeal. Describe ad bizarre case of vandalism. A physician from Provo with a chisel tried to break into the "Treasure Room" at the Lost Dream Mine. Damage to Prehistoric Rock Art and no treasure. Another Physician from Provo decided that there was a Spanish treasure behind some rock art in Delta. Got a piece of heavy equipment to dig behind this boulder and it broke down so he got a local to bring in the really big equipment. Told the operator to take the boulder as payment. The operator called the sheriff and a warrant was issued for arrest of the doctor. Equipment operator has gone out and filled in the hole and replaced the boulder.

Working with Native American Remains Review Committee to go to the Legislative Oversight Committee to get a change to laws in state regarding increasing penalties for archaeological vandalism and clarifying the definition of "dead human body" to include ancient human remains. [*again, see the attached*

*legislation. -ed.]*

Motion from Kenny Wintch to draft a letter from UPAC to Joanne Slotnik of the Attorney General's Appeals Division and Chris Smith of The Salt Lake Tribune in appreciation for their efforts. Kenny will draft letter for both .

Dennis finished up by asking for copies of all newsletters from the past. It was suggest that they be kept at the State library

PAY YOUR DUES!!! Noted that Dr. Jones has paid for two years (very commendable).

Saturday session will start at 10:00 am. Spring meeting will be further discussions of NAGPRA. Evening session will be at the Red Rock Brewing Company at 5:00pm.

Meeting adjourned at 4:03pm.

# Archaeology and Geoarchaeology

## University of Utah Summer Field School

June 9 - August 15, 1999

### Course Description

The University of Utah's 1999 summer program in archaeological and geoarchaeological field techniques will be held in Surprise Valley, California and Fish Springs National Wildlife Refuge, Utah. Sponsored by the Department of Anthropology, the Department of Geography and the Utah Museum of Natural History, this 10 week course teaches modern archaeological and geoarchaeological methods. Under the direction of Duncan Metcalfe and Donald R. Currey, participants will receive training in numerous skills including survey, excavation and geologic coring. No previous field experience is necessary, but some exposure to basic archaeological concepts is recommended.

### Location

The first part of the field session will be spent at Fish Springs National Wildlife Refuge, Utah. Located in Utah's west desert, these wetlands support a rich biotic community and a long record of human habitation. Surprise Valley, California, will be the site of the remaining field session. Surprise Valley is on the edge of the Great Basin near the juncture of California, Nevada and Oregon. The valley supports many geothermal springs and is surrounded by high mountain ranges with lush forests and high elevation deserts.

### Research Agenda

At Fish Springs, students will excavate a Pony Express station that overlies a prehistoric site and conduct geoarchaeological surveys. At Surprise Valley, students will gather environmental data and test archaeological sites in order to reconstruct paleoenvironments and past human lifeways. Obsidian quarries will also be compared to habitation sites in order to better understand the interaction of transport and field processing costs.

### Enrollment

Admission to the field school is limited to a maximum of 18 students. Applicants should complete the application form as soon as possible. Priority for admission will be given to current University of Utah students and those pursuing a professorial career in archaeology or related disciplines. Students will receive six graduate level semester credits at a cost of \$792.30 for tuition and mandatory fees. An additional fee of \$900.00 will be required to supplement various field and analysis costs. Participants must provide their own health insurance, a small tool kit and their own transportation to the University of Utah. Applications must be received before April 1, 1999.

### More Information and Application Form

Please contact:

Jennifer Graves

University of Utah

Dept of Anthropology

270 S. 1400 E. Rm 102

Salt Lake City, Utah 84112

Please see our web site at:

[www.anthro.utah.edu/anthro/fieldschool.html](http://www.anthro.utah.edu/anthro/fieldschool.html)

## UTAH STATE UNIVERSITY ARCHAEOLOGY FIELD SCHOOL

May 17, 1999-June 25, 1999

NEAR BOULDER, GARFIELD COUNTY, UTAH

Fee \$820 includes transportation, meals & USU credit (Anthro 5300 - 5 hrs)

Following an orientation day on campus in Logan, we will travel to Boulder, Utah to excavate a dry cave and collapsed rock shelter that was used by the same ancestral Puebloan people who once inhabited the nearby large village (Coombs site) now within Anasazi State Park. Our project investigates their lifeways, while also enjoying the spectacular scenery of the northern Colorado Plateau. You participate in excavation, recording and documentation of the field work, and laboratory analysis of the artifacts and other remains. We will also visit some rock art, and exchange ideas and discuss our findings in a series of evening programs. Other members of the public will join us during the evening and on some of the tours. Student enrollment will be limited to 12 individuals.

### Who is this course for?

This introduction to field archaeology builds on your previous field and class-room experience. The course is suitable for:

- \* Advanced Avocational Archaeologists.
- \* Advanced Anthropology Majors And Graduate Students.
- \* Students able to hike and climb a steep mesa on a daily basis, and to camp for an extended period of time.

Note: Other people are encouraged to enroll in one of three shorter Travel/Study tours. Call 1-888-449-6884 or 435/797-0423 for details.

### What will participants learn?

Participants develop skills in archaeological field work, leaning excavation, recording, observation, and analysis. They learn to recognize and interpret material culture. Together, we gain knowledge about Native Americans, while investigating an archaeological site before it is either vandalized or impacted by housing developments. Participants will gain the skills and knowledge necessary for their employment as archaeologists.

### Overview

During the orientation, students learn more about the project and prepare for living in a small southern Utah town. Transportation and meals are provided for the six weeks we are camped at Boulder. Participants should bring their own camping gear.

The growth of Boulder and greater visitation arising from the establishment of the new Grand Staircase Escalante National Monument is causing a boom in housing construction. Real estate development threatens the dry cave/shelter. After mapping and photographing the site, we will remove the large slabs and boulders that cover the dry deposits under the rock shelter. A horizontal grid will be imposed to control our excavation of the finely stratified (layered) deposits. We anticipate finding numerous perishable artifacts, including textiles, seeds, other plant and animal remains that were used and discarded by short-term visitors from the nearby agricultural village known as the Coombs site and dating between AD 1000 and 1250. Deeper and earlier deposits may be found that were associated with Archaic period hunter-gatherers, dating from the last centuries BC. Our research investigates how the ancient Puebloan peoples of southern Utah changed the organization of their technologies and labor across the transition from more mobile (Archaic) hunting/gathering to a more sedentary, agriculture-based economy? At the conclusion of the field work, the site will be stabilized, and the collections, equipment, and participants transported back to Logan.

