Virtual Reconstruction of the Convento, a two-story adobe structure from Mission San Agustin de Tucson.  
Illustration by Doug Gann.

Next AAHS Meeting: 7:30 p.m., November 18, 2002  
Duval Auditorium, University Medical Center  
AAHS Field Trip, November 23
PRESIDENT’S MESSAGE

If you haven't been to see it, you better hustle over there right now. It's almost too good to believe. What, you say? Why, the Avery Collection at the Arizona State Museum is what I say. A gift to ASM from the Marjorie Avery Family, it's truly a spectacular display of Native American Indian paintings! Thank you, Avery Family, for this wonderful addition to the ASM and also to the people who will be viewing these paintings. We'll appreciate them for many years to come.

Our October program, "What Do We Do With Our Ancestors?" presented by Al Dart, Executive Director, Old Pueblo Archaeology Center, was made possible by the Arizona Humanities Council. The sensitive subject of repatriation of human remains and grave artifacts was reviewed. Many Native American Indians dispute any disturbance of these items, while the scientific community has long considered them appropriate and desirable subjects for current and future study. Discussion revolved around how archaeologists can best deal with this situation.

AAHS was present at Anza Days 2002 at Tubac Presidio Historical State Park, an Arizona State Park established to document early Spanish settlement in Southern Arizona. This year’s Gran Quivira Conference 2002 took place concurrently at Tubac. ASM Staff and AAHS members were actively involved with this group which promotes the study of the Spanish presence in the greater Southwest USA. The music, dancing, costumes, horse troops, cannon fire and Tubaquenos live history activities combined to create a lively weekend. Meanwhile, we told the AAHS/ASM story, solicited memberships, sold T-shirts, caps, mugs and raffle tickets for the upcoming AAHS Raffle. Betsy Marshall, Chair, Fundraising/Raffle Committee, even handled live snakes at the nature exhibit in order to sell tickets. The money raised through sales of these tickets are used to fund scholarships, grants, travel awards, etc., to persons involved in various studies in support of our Society objectives. Art Vokes, Chair, Scholarship and Research Committee, is currently soliciting proposals from applicants for these awards. The Julian D. Hayden Student Paper Competition is also now open to both undergraduate and graduate students. Last year, although we failed to have a raffle, and even though our budget took a serious hit, we continued to fund these awards. This year we need everyone’s help to make the raffle a huge success in order to maintain our ongoing support for many important activities. A past recipient of one of these awards, Beth Bagwell, will present our January 2003 program to show us tangible evidence of the good we are accomplishing through this support.

Laurie Webster and Jeff Clark, Co-chairs, Education Committee, scored another hit in a series of successful programs with the class in Rock Art taught by Shurbank. Thirty newly-trained rock art experts are ready to charge enthusiastically into the hinterlands in search of rock art to document. Mimbres Archaeology will be the next education project. The first class will meet Tuesday, October 29, 2002. Space is still available — Join Us!

ASM Open House and the AAHS/ASM Book Sale are upon us, as this is written, and will be history when you read it. Barbara Murphy, Library Committee Chair, is wildly enthusiastic about the quantity and
selection of books, maps, etc., that are available. I hope you showed up and bought a lot. ASM Library acquisitions are funded through this sale and they desperately need our help.

We shift to an ongoing local controversy for our November meeting — Rio Nuevo and The Convento. Bill Doelle, Doug Gann and Homer Thiel, from The Center for Desert Archaeology, will share recent developments and research related to this very important local project/site. A field trip in conjunction with this subject will follow.

The Tumacacori Fiesta will be held again at Tumacacori National Historical Park on Saturday and Sunday, December 7 and 8. We'll be there to tell our message and to SELL RAFFLE TICKETS!!! That will be the last major opportunity to sell tickets, except for immediately before the actual raffle. We'll need volunteers to help, so come and join us. We always have a good time.

At our December meeting, we'll commemorate the 10th anniversary of Emil Haury's passing with a presentation about him by Jefferson Reid. We'll also hold the raffle and, just possibly, throw in a little holiday party. A lot is happening. Take part in the fun. BUY RAFFLE TICKETS!!!

Bill Hallett, President

JULIAN D. HAYDEN STUDENT PAPER COMPETITION

The Arizona Archaeological and Historical Society is pleased to announce the fifth annual Julian D. Hayden Student Paper Competition. Named in honor of long-time AAHS luminary, Julian Dodge Hayden, the winning entry will receive a cash prize of $500 and publication of the paper in Kiva, The Journal of Southwestern Anthropology and History. The competition is open only to bona fide undergraduate and graduate students at any recognized college or university. Co-authored papers will be accepted only if all authors are students. Subject matter may include the anthropology, archaeology, history, linguistics, and ethnology of the American Southwest and northern Mexico, or any other topic appropriate for publication in Kiva.

Papers should be no more than 30 double-spaced, typewritten pages (approximately 8,000 words), including figures, tables, and references, and should conform to Kiva format. If the paper involves living human subjects, author should verify, in the paper or cover letter, that necessary permissions to publish have been obtained.

Previous entries will not be considered, and all decisions of the judge are final. If no publishable papers are received, no award will be given. Judging criteria include, but are not limited to, quality of writing, degree of original research and use of original data, appropriateness of subject matter, and length.

Deadline for receipt of submissions is January 15, 2003. Late entries will not be accepted. Send four copies of the paper and proof of student status to: Julian D. Hayden Student Paper Competition, AAHS, Arizona State Museum, University of Arizona, Tucson, AZ 85721-0026.

For more information, call Homer Thiel at 520/881-2244 or email him at <homer@desert.com>.
The monthly newsletter of . . .

AAHS 2002 FUNDRAISING RAFFLE

The Fundraising Raffle for Scholarships and Research Grants will be held at the December 16 general meeting. Tickets were mailed to you last month. If you feel enthusiastic or charitable, request by mail additional raffle tickets by writing to AAHS Raffle, Arizona State Museum, University of Arizona, Tucson, Arizona 85721. Those of you in the Tucson area can pick up extra tickets at the November meeting and also early at the December meeting.

Please contact Betsy Marshall (520/299-9130), Cherie Freeman, Virginia Hanson (520/292-0652), Ron Towner or Laurie Webster to offer your gift donation. Remember, these donations are tax deductible, but the estimation and the verification of the value of your gift are the sole responsibility of the donor. Prehistoric artifacts cannot be accepted. Your gifts are greatly appreciated and will eventually benefit you through the volumes of information gained through scholarships and research grants awarded by the Society each year.

RAFFLE PRIZES

- Two Adult Coach Verde Canyon RR tickets
- Two passes to the Durango-Silverton Railroad
- Lodging for two at La Posada, Winslow, AZ
- Two nights at the Premiere Vacation Club, San Carlos, Mexico
- Two nights at Kohl's Ranch Lodge near Payson, AZ
- Two nights and dinner for two at Los Abrigos Resort, Sedona, AZ
- Two lunches at Thai China Siam, Tucson, AZ
- Two dinners at Eclectic Cafe, Tucson, AZ
- Two dinners at Bedillons Restaurant, Casa Grande, AZ
- Gift Certificate at Beaver Street Brewery, Casa Grande, AZ
- Gift Certificate at Chico's
- Dessert of your Choice by Othello
- Bourbon Balls . Bourbon Ball Recipe
- A copy of the book, Modern by Tradition, from Rich and Chris Lange
- A copy of the book, Under the Sun, from Ed Pierce
- Vols. 1, 2 & 3 of Charles DiPeso's Casas Grande books
- A copy of the book, Landscape of the Spirits, from U of Arizona Press
- $40 gift certificate to Bookman's Used Books
- Family Membership to the Old Pueblo Archaeology Center, Tucson, AZ
- Family membership to the Arizona Sonoran Desert Museum, Tucson, AZ
- Two passes to Tucson Botanical Gardens
- Gift Certificate at Embellish Hair Salon, Tucson, AZ
- Replica Sikyatki Polychrome Plates . Dr. Riter's Neck Relaxer
- T-Shirt, "Standing on the Corner"

Remember, gifts and prizes are still arriving!
For an updated listing of prizes with details and acknowledgements, look in the December's Glyphs.
CENTER FOR DESERT ARCHAEOLOGY RECEIVES AWARD

On Sunday, October 27, The Arizona Humanities Council presented its Distinguished Organization award to the Center for Desert Archaeology. The Center was acknowledged at the twelfth annual Lorraine W. Frank Lecture at the Arizona Inn, 2200 East Elm Street, Tucson, Arizona. Indiana University author and philosopher Scott Russell Sanders presented the lecture, “Building Arks.” For more information on the award, you can call AHC at 602/257-0335 or you can also check out their site at <www.azhumanities.org>.

FOUR SOUTHERN ARIZONA ARCHAEOLOGICAL SITES

The Center for Desert Archaeology officially launched a new phase of its archaeological preservation program with the recent signing of its first archaeological conservation easement and the purchase of its first archaeological site.

On August 23, 2002, the Elliott family of Cascabel, Arizona, insured the permanent preservation of three prehistoric sites by donating an easement on their 55-acre property in the Lower San Pedro River Valley to the Center. A conservation easement is a legal agreement between a landowner and a qualified organization that places permanent restrictions on land use while keeping the land in private ownership. By accepting this easement donation, the Center has committed to enforcing the Elliott family’s desires to preserve the archaeological resources on their property in perpetuity.

This easement is the culmination of twelve years of community-based archaeology work in the Lower San Pedro by the Center. Current research suggests that around A.D. 1200 to 1450, people from the Kayenta and/or Tusayan areas of northern Arizona migrated south into this part of the river valley. One of the sites protected under the Elltios may have harbored a group of these prehistoric immigrants.

In addition to the easement, the Center now owns its first archaeological site outright, having recently purchased a 9.5-acre parcel in the Double Adobe National Historic Landmark District in southern Cochise County. The parcel contains the remains of an Archaic period site, and could yield important clues on the earliest inhabitants of the Southwest.

THE OTHER TREASURE OF THE SIERRA MADRES CUARENTA CASAS TO MATA ORTIZ - HIKING & CAMPING — APRIL 18 - 27, 2003

Cliff dwellings hidden in the Sierra Madres are a treasure worth seeking. Sharon Urban joins us for a hiking/driving tour from the incredible canyon of Cuarenta Casas, where there are nine caves with cliff dwellings, to the fascinating Cave of the Olla just west of Mata Ortiz — and we see as many of the sites that we can in the area in 10 days. Spend the last day in Mata Ortiz where you can visit a couple more interesting archaeological sites, or enjoy the pottery of the village.

Cost includes all transportation & lodging, meals on the trail and in Mata Ortiz. $100.00 of your fee will be donated in your name to Arch/His Society of Tucson. For more information and cost, call Cathy or Marshall at Fiesta Tours International for details (520/398-9705).
AAHS HAPPENINGS

TOPIC OF THE NOVEMBER 18 GENERAL MEETING:

TUCSON'S PAST AND FUTURE: THE RIO NUEVO PROJECT

by William Doelle

There will be a three-part presentation at this month’s meeting. Bill Doelle will provide an overview of the City of Tucson’s Rio Nuevo Project. Then Homer Thiel will discuss the results of recent excavations in the downtown Tucson and A Mountain areas. Finally, Doug Gann will show how three-dimensional computer modeling software has been both a research tool and an effective means for providing information to the public regarding Tucson’s San Agustín Mission.

Recent excavations at the Mission of San Agustín, the Mission Gardens, and the Presidio of Tucson are providing new insights into Tucson's Spanish and Mexican periods. The Mission was founded at the site of a Pima Indian village visited by Father Kino in the 1690s. Although clay mining and garbage dumping destroyed about 80 percent of the site, significant portions survive, including the granary, the west compound wall, a portion of the north cemetery, and Piman trash middens. Work at the nearby Mission Gardens documented the stone foundations for the garden walls, a home occupied between the 1840s and the 1880s, and numerous prehistoric and historic irrigation canals. New work at the Presidio site will be initiated in early December. However, a small excavation within the Fish-Stevens House revealed long-buried adobe walls from Presidio era buildings. Archival research has also allowed the reconstruction of family histories of hundreds of people who lived in Tucson prior to 1856.

Although much of the San Agustín Mission site was destroyed, a research project utilizing historic photography and close range photometric digital modeling has been able to recover much of the geometric data from the mission's "convento" building. This metric data has been used in a process of conjectural modeling, using three-dimensional digital models as a type of virtual hypothesis. To date, 11 different iterations of the virtual convento model have been developed, critically evaluated, and refined to help create the 12th and hopefully final version of the reconstructed San Agustín Mission. A virtual tour of the reconstructed mission site will be used to demonstrate both the interpretive potential of virtual heritage modeling as well as the research opportunities being created by recent advances in computer graphic technology.
Speaker William Doelle is a native of Grand Rapids, Michigan. He received his undergraduate degree from the University of Michigan and his Master's and Doctorate degrees from University of Arizona. His professional interests are in the demography of the Southwest and preservation archaeology. Bill is President of Desert Archaeology, Inc., and the Center for Desert Archaeology.

Speaker Homer Thiel is a native of Traverse City, Michigan. He received his undergraduate degree from the University of Michigan and a Master's degree from Arizona State University. Homer specializes in historical archaeology and family history. He is a Research Archaeologist with Desert Archaeology, Inc.

Speaker Doug Gann was born in California and moved to Tucson at the age of two. He completed both his BA and Master's degrees in anthropology at the University of Arizona, and currently is working on his Ph.D. Dissertation. Doug specializes in public archaeology and the relatively new field of virtual heritage modeling. He is a Preservation Archaeologist with the Center for Desert Archaeology.

AAHS’s NOVEMBER FIELD TRIP
A tour of the area at the base of A Mountain, or Sentinel Peak, will be held on Saturday, November 23. Excavations have been backfilled, but this is an opportunity to gain a feel for the multiple layers of human occupation (some 4,000 years) that have been documented through the Rio Nuevo Project. It is also an opportunity to start to imagine the transformation that the Rio Nuevo Project can bring about in this part of the city.

AAHS MEMBERS AND GLYPHS READERS: Looking forward to our December general meeting where you can win lots and lots of special prizes? Well, add this to your excitement: At our December meeting, we will commemorate the 10th anniversary of Emil Haury’s passing with a presentation by Jefferson Reid about Haury. Don’t miss it!

AAHS Meeting Time and Place
The Arizona Archaeological and Historical Society’s monthly meeting will be held on November 18, 2002, at 7:30 p.m. at Duval Auditorium, University Medical Center, 1501 North Campbell Avenue (north of Speedway). Duval Auditorium can be reached by proceeding either north or south on North Campbell and turning west into the UMC between the two traffic lights — one is at Speedway and one is at Elm. Free parking is available south of Mabel Street, across from the College of Nursing. The Front Entrance is on the top level of the parking structure. Duval Auditorium is on the 2nd level of the Hospital. Upon entering the Front Entrance, turn right and then follow the signs to Duval Auditorium.
This month's Cornerstone is guest-written by Miriam Nickerson, Director of Museum Advancement for ASM.

**Pottery Project Receives $1M Boost**

Thanks to long-time museum friend and supporter, Agnese Haury, ASM received an unprecedented $1M boost for the Pottery Project — our effort to preserve our nationally recognized Southwest Indian ceramics. In a decisive move, Mrs. Haury, widow of Emil W. Haury, pledged $1M to help us meet our most pressing need — raising nearly $2M for the pottery.

The Pottery Project, spearheaded by ASM Conservator Nancy Odegaard, is an official project of the White House initiative Save America's Treasures. Our goal is to protect and preserve this priceless collection, the largest and most comprehensive of its kind in the nation. The collection was recognized for its national significance, yet it faces damage and deterioration from lack of environmental controls. Nearly 1/3 of it already shows damage.

Renovation in the north building will create a state-of-the-art storage vault for the 20,000+ piece collection now housed in five rooms in two different buildings. The vault, with floor-to-ceiling windows for viewing, will help centralize the collection; provide environmentally sound, adequate storage; and present the collection to the public as never before. The project includes an upgraded conservation laboratory to ensure ongoing care.

We attracted a $400,000 grant from the Treasures' program in Spring 2001 for equipment and staff. In fall 2001, the legislature vetoed building renewal funds, a portion of which were designated for ASM. Without renewal funds, and in an economic downturn, ASM's fundraising moved slowly. This fall, we faced the threat of having to return the $400,000 — a step that would cripple the project and all but doom prospects of future federal funding.

The two-fold threat was presented at a recent ASM board meeting: the pottery faces ongoing irreparable damage unless placed in appropriate storage; and current and future funding is jeopardized. Mrs. Haury responded with her generous pledge. Her hope is to challenge others to support the project and spur additional giving. Her strategy is working! Several significant contributions have followed from other board members and friends.

Our heartfelt thanks goes to Mrs. Haury for her leadership, and to everyone who has supported this project. Mrs. Haury's gift, the giving that resulted from her pledge, and grants and gifts made earlier, combine to put us in a very positive position to reach our goal.

We now need an additional $500,000 to start construction! We turn to you, our museum family and our members. Please join us in this last push to create a safe haven to preserve pottery into the future. Says Hartman Lomawaima, ASM Interim Director, "We want this last phase to be a true public-private partnership. The collection is Arizona's shared legacy and we all need to share in its care."

Every level of support is now important for us to be able to provide the best stewardship possible for this irreplaceable collection. Every gift makes a difference. Gifts of $10,000 and above can honor collections from landmark excavations (such as Point of Pines, Grasshopper and others). Pledges may be made over time. For information, call: Miriam Nickerson, ASM Advancement Office, 520/626-3466. Gifts can be made to: UA Foundation/ASM, c/o ASM Advancement Office, PO Box 210026, University of Arizona, Tucson, AZ.
The deadline for the receipt of information and articles to be included in Glyphs is the 15th of each month for the next month’s issue. New material is always welcomed and appreciated. Write to me at AAHS, ASM, University of Arizona, Tucson, Arizona 85737; phone: 262/338-6938; and e-mail: <LTAGlyphs@aol.com>.

**GLYPHS ON THE INTERNET!**

*Glyphs* can be found on the SWA website at: <http://www.swanet.org/zarchives/aaahs/>.
ARCHAEOLOGICAL TOURS AND DIG
AT YUMA WASH HOHOKAM SITE
TO RESUME OCTOBER 22

The dates for fall and winter 2002-2003 guided tours and for public participation in the excavations at the Yuma Wash Ho- hokam Indian ruin will be Tuesday through Saturday, Oct, 22-Oct. 26, 2002; and Thursdays through Saturdays, February 6-8, February 20-22, March 6-8, and March 20-22, 2003. The ruin is located in the new Marana District Park.

Free guided tours will be offered any time between 9 a.m. and 1 p.m. with no advance reservations required. The tours do not include participation in the dig. To participate in archaeological field school excavations, reservations are required. There is a fee of $38. Dig sessions run from 8 a.m. to 2:30 p.m. on each date and are limited to persons 12 and older.

SIERRA VISTA: “ANCIENT NATIVE AMERICAN POTTERY OF SOUTHERN ARIZONA” PRESENTATION
WED., NOV. 6 — 4 P.M.

The Arizona Humanities Council sponsors “Ancient Native American Pottery of Southern Arizona,” a free slide-illustrated presentation with a prehistoric artifact display, by archaeologist Allen Dart, OPAC. This program is one of the activities planned for a 3 p.m. to 6 p.m. open house at the Henry Hauser Museum at 2950 E. Tacoma, in Sierra Vista. For details contact OPAC. For directions and details about the open house or the Henry Hauser Museum, contact Ms. Marisa Fusco at 520/417-6980 or <mfusco@ci.sierra-vista.az.us> in Sierra Vista.

ARROWHEAD-MAKING AND FLINTKNAPPING WORKSHOP
SAT., NOV. 23 — 9 A.M. TO NOON

Flintknapper and avocational archaeologist Sam Greenleaf will offer an “Arrowhead-Making and Flintknapping” workshop for up to 11 persons at OPAC. Fee for the class is $25 per person. Equipment is provided; minimum age is 9 years. Call for required pre-registration.

This course is designed to help modern people understand how prehistoric peoples made and used flaked stone artifacts, and is not intended to train students how to make artwork for sale. For more information, call OPAC.

PHOENIX: “ANCIENT NATIVE AMERICAN POTTERY OF SOUTHERN ARIZONA” PRESENTATION
SAT., NOV. 23 — 2 P.M.

The Arizona Humanities Council sponsors “Ancient Native American Pottery of Southern Arizona,” a free slide-illustrated presentation with a prehistoric artifact display, by archaeologist Allen Dart of OPAC. The program will be at the Deer Valley Rock Art Center, 3711 W. Deer Valley Road, Phoenix. For details on the presentation contact Allen Dart. For directions/details about the Saturday event or Deer Valley Rock Art Center, contact Ms. Marilyn Sklar at 623/582-8007 or <mjossklar@aol.com> in Phoenix.
AAHS MEMBERSHIP/SUBSCRIPTION APPLICATION

CATEGORIES OF MEMBERSHIP – All members receive discounts on Society field trips and classes. Monthly meetings are free and open to the public.

$30 Glyphs membership receives the Society’s monthly newsletter, Glyphs
$30 Student Kiva membership receives both Glyphs and Kiva; $15 receives Glyphs
$40 Kiva membership receives all current benefits, including four issues of Kiva, 12 issues of Glyphs
$50 Institutional membership (primarily libraries) receives Kiva and Glyphs
$75 Contributing, $100 Supporting, $250 Sponsoring, and $1,000 Lifetime memberships all receive Glyphs and Kiva, and all current benefits.

Outside U.S. add $10.00

Enclosed is U.S. $________ for one __________________________________________________________

[Enter membership/subscription category]

Name * ________________________________________________________________ Phone ____/_______

* [Please enter preferred title: Miss, Mrs., Ms., Mr., Mr. & Mrs., Mr. & Ms., etc.]

Address _________________________________________________________________________________

City ___________________________________________ State ________________ Zip ________________

Membership/Subscription Information

Visitors are welcome at all of the Society’s regular monthly meetings but are encouraged to become members in order to receive the Society’s publications and participate in its activities at discount rates.

Memberships and subscriptions run for one year beginning July 1 and ending June 30. Membership provides one volume (four numbered issues) of Kiva, the Journal of Southwestern Anthropology and History; 12 issues of the monthly newsletter Glyphs; member rates for Society field trips and other activities.

For a brochure with more information and a membership/subscription application form, write to:

Keith Knoblock
Vice President for Membership
Arizona Archaeological and Historical Society
Arizona State Museum, University of Arizona
Tucson AZ 85721 USA

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