



Archaeology Southwest



2016 ANNUAL REPORT

IMPACTS



Cover image: Cliff dwelling within Bears Ears National Monument. IMAGE: R. E. BURRILLO

2016 TRIBUTE GIFTS

IN MEMORY OF

Gary R. Ashlock	William T. Lawrence
Michael H. Bartlett	Vicky P. Lewis
Dr. Charles W. Bourne	Florence Lister
Dylan Breternitz	William Longacre
Jean Clark	Andrew Marshall
Bob Conforti	Jeffrey Minker
Greg Cross	Elizabeth Ann Morris
Michael Cusanovich	Robert P. Powers
Dr. Bernard 'Bunny' Fontana	Gene Riggs
David A. Gregory	John Schelberg
Thekla Kropf	Clara Lee Tanner
	Linda K. Williams

IN HONOR OF

Sarah Herr and Jeff Clark	Ruth Van Dyke and Randy McGuire
National Philanthropy Day	Becky Orozco
William H. Doelle	Linda J. Pierce
Courtney Dotson	Jesse Prentice-Dunn
Kay Jeffries & Joel Dowling	Karen Schollmeyer
T. J. Ferguson	Archaeology Southwest Staff
Michael and Kathy Hard	Donna Tang
Adriel Heisey	

BOARD MEMBERS

William H. Doelle, <i>President</i>	Demion Clinco
Peter Boyle, <i>Chair</i>	Dan Kimball
John A. Ware, <i>Vice Chair</i>	Donna Tang
Janine Hernbrode, <i>Secretary</i>	
Christopher D. Dore, <i>Treasurer</i>	

2016 VOLUNTEERS

Fred Bader	Tanner Hammarstrom
Robert Baker	Bruce Hilpert
Jon Boyd	Diana Holmes
Georgiana Boyer	Meredith Jewett
Peter Boyle	Chris Johnson
Erin Brooks	Robert Johnson
Katie Bubnekovich	Krista "Red" Kronig
Leonora Burkhart	Fran Maiuri
John Cerino	Justin Mortensen
Katherine Cerino	Doug Newton
Charlotta Charbarneau	Rachel Peltier
Valerie Conforti	Lexi Pratt
Abraham Cooper	Joyce Rychener
Alexandra Covert	Stephen Slusher
Adam Denoyer	Jaye Smith
Carl Evertsbusch	Danielle Soza
Roy Fazzi	Rebekah Thimlar
Rose Ford	Edith Thomas
Joseph Fox	Sheri Thompson
Cherie Freeman	Lance Trask
Rebecca Gacha-MacVicar	Paul Virgin
Shannon Glinski	David and Terri Wallace
Joshua Gorrell	Brittany Ward
Holly Hall	Greer Warren

HERITAGE CIRCLE

Peter and Joyce Boyle	Janine and Bob Hernbrode
Karen Brauer	Bruce Hilpert
Valerie Davison	Linda Pierce
Linda L. Mayro and William H. Doelle	William J. Robinson
Kenneth and Sharon Fleshman	Eldon and Jean Smith
Paul Minnis and Pat Gilman	Jaye Smith
	Donna Tang
	Anonymous (2)

Dear Friends,

Thanks to your ongoing support, Archaeology Southwest celebrated its 34th year in 2016. Through the twists and turns since 1982, when the incipient organization was headquartered at my kitchen table in Tucson, one thing has remained constant: our commitment to respectfully exploring and protecting the places of our past. To doing the most we could with whatever was before us.

And with your help, we have made some very real impacts over those three decades. Just look at the numbers—970 acres protected, 6 former Preservation Fellows practicing Preservation Archaeology, 120 issues of our newsletter-that-became-a-magazine, 86 students trained at the Preservation Archaeology Field School, 3 trips to Washington D.C. to advocate for cultural landscapes of the Southwest, 14 times we received funding from the National Science Foundation to learn more about people's lives in the ancient Southwest and share that knowledge with you.

It's one thing for us to consider the impact we are having, and it's another to hear it from our colleagues, friends, and fellow stakeholders. So, this year, I thought I would share some highlights of our work in 2016 and include comments people have shared with us about the impact of that work and your generous support for it.

In addition to these highlights, I would like to acknowledge some transitions we went through in 2016. We welcomed Kamillia Hoban to the newly created position of Operations Director. We completed "Salado Impact," a holistic five-year initiative led by me and Jeff Clark that investigated the meaning and impact of an inclusive ideology that flourished in the southern Southwest in the 1300s and 1400s. Lewis Borck completed his Preservation Fellowship, which examined resistance to Salado ideology, and we welcomed current Preservation Fellow Leslie Aragon, who is exploring the Hohokam ballcourt system as part of our new five-year initiative, "Fluid Identities." I will be sharing more about that research, outreach, and protection program, which considers the entire Gila River watershed, over the coming months.

I hope you enjoy these highlights from 2016. Please know how sincerely all of us at Archaeology Southwest appreciate everything your support makes possible and your commitment to our mission.

Thank you,

Bill

William H. Doelle
President & CEO

Right: Courtesy of
Eastern Arizona College





GREAT BEND

ETHNOGRAPHIC STUDY

Saguaros in the Great Bend of the Gila. IMAGE: ELIAS BUTLER

- » In August 2016, Archaeology Southwest published *The Great Bend of the Gila: Contemporary Native American Connections to an Ancestral Landscape*, by Aaron M. Wright and Maren P. Hopkins.
- » This first-of-its-kind study presented the histories of 11 tribes with a focus on their connections to the Great Bend region, and it shared their perspectives on national monument designation for this region of southwestern Arizona.
- » In addition to distributing a limited number of bound copies, especially among the tribal communities who participated, we host the publication as a free PDF download: www.archaeologysouthwest.org/pdf/gb_ethno.pdf.
- » We released the study at a meeting with Representative Raúl Grijalva and tribal representatives in which the congressman, who has twice sponsored bills to have public lands in the Great Bend designated as a national monument, again pledged support for monument designation.

“Through my work on the coalition to create a Great Bend of the Gila National Monument in southern Arizona, I have been able to continue to meet and learn from other O’odham elders. I have been able to directly advocate for the heritage—the legacy—of the Tohono O’odham and of other tribes who share a deep history with my ancestors to Congressman Raúl Grijalva and other members of Congress.”

—Lisa Palacios,
member of the Tohono O’odham Nation and Archaeology Southwest Board member, in the Arizona Daily Star,
January 17, 2017



“Protecting these cultural, historical, and natural resources is one of Congress’s most important duties. [The Great Bend] is one of the best candidates in the country for stronger federal protection, as this study shows, and I’m going to continue working with my colleagues in Washington to make that protection a reality. A great number of people of different backgrounds have come together to protect and promote this land. We’re not going to let that work go to waste.”

—Representative Raúl M. Grijalva,
August 29, 2016

www.archaeologysouthwest.org/pdf/gb_ethno.pdf

“I will gladly carry this experience forward for the rest of my archaeological career. The staff created a relaxed, yet professional learning environment. Our interaction with the local community and guest lectures from academic and CRM [cultural resource management] archaeologists captured the essence of Preservation Archaeology. I highly recommend this field school for those who want to work in the Southwest, understand what it means to be a Preservation Archaeologist, and work in a collaborative way.”

—Adam Sezate,
2016 student, U.S. Naval Academy/University of Arizona

“I see myself managing public lands that have cultural resources in my upcoming professional career, so I loved when the field school offered me insights through presentations by staff from the Bureau of Land Management, National Park Service, and National Forest Service, as well as through field trips to these lands.”

—Daniel Agudelo,
2016 student, University of Michigan

“The formality, professionalism, and such help us realize not only how fortunate we are to have this place to preserve, but even more, how charmed we are to have happened onto you folks...we are very, very pleased.”

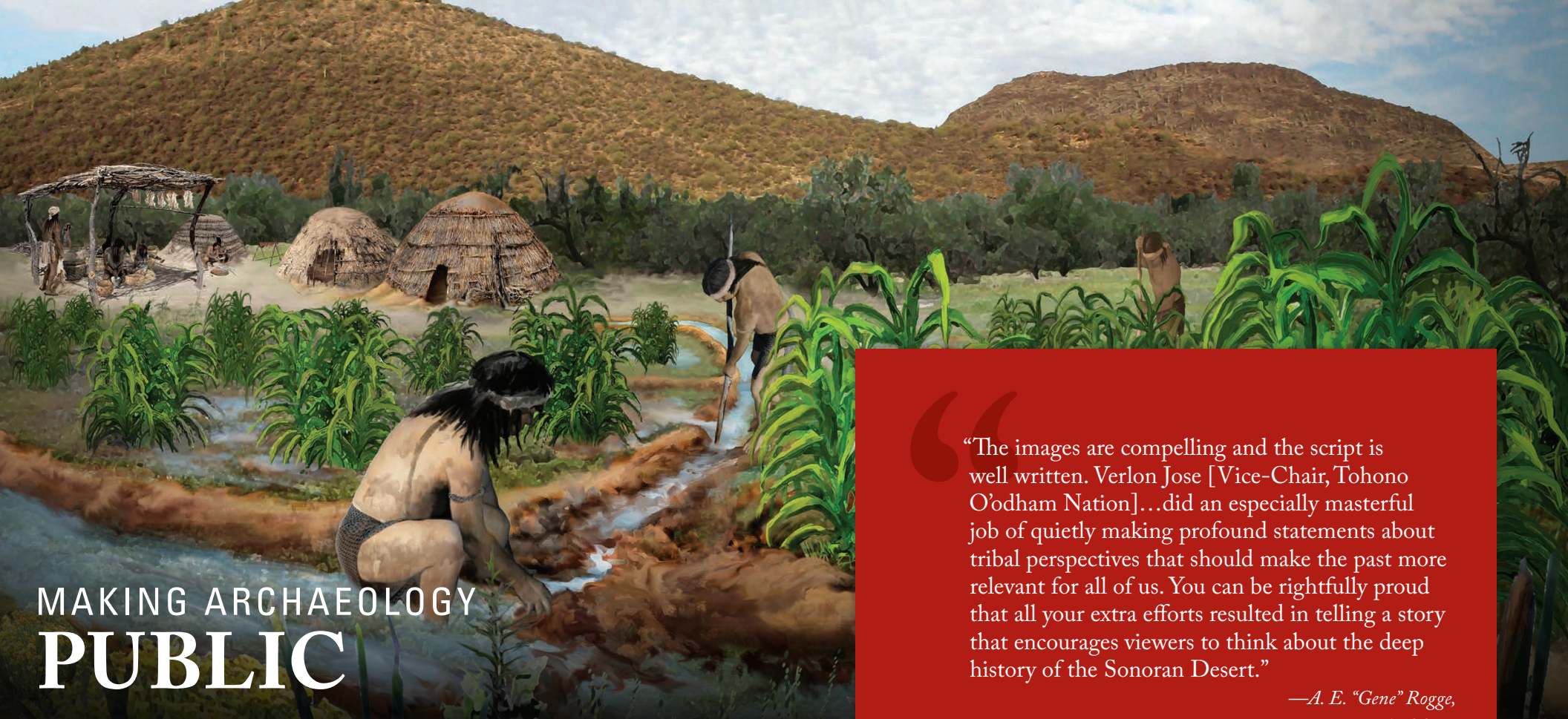
—A. T. & Cinda Cole,
landowners whose ranch the Preservation Archaeology Field School surveyed in 2015 and 2016



2016 Preservation Archaeology Field School students and staff.

- » In 2016, director Karen Schollmeyer, field director Leslie Aragon, and staff members Lewis Borck, Allen Denoyer, Evan Giomi, and Stacy Ryan trained students from 15 different colleges and universities in 12 states in Preservation Archaeology, including survey, excavation, and experimental archaeology at our location in New Mexico's Cliff valley.
- » Students also learned from professional and academic archaeologists, Native American communities, local ranchers and private landowners, and officials at national parks and other public lands.
- » A public lecture series in our field lab, two kids' events at local public libraries, Hands-On Archaeology workshops for Cliff School, and our biggest Archaeology Fair to date helped us share our work with area residents.
- » Five of our 2015 field school students presented their own research at the 15th Biennial Southwest Symposium, a large professional conference held in Tucson in 2016.





MAKING ARCHAEOLOGY PUBLIC

Artist's visualization of the Tucson region's earliest farmers. IMAGE: ROBERT B. CIACCIO

- » 2016 was the 50th anniversary of the passage of the National Historic Preservation Act (NHPA), which requires federal agencies to consider their undertakings in light of possible adverse effects on archaeological sites and historic places.
- » To mark the occasion, most states took part in a project to share what has been learned via the NHPA with their citizens (<http://preservation50.org/mapp/>).
- » With support from a host of public and private archaeology organizations, Archaeology Southwest produced *The NHPA in Arizona: 50 Years of Protection, 200 Generations of Heritage* (view it at <https://vimeo.com/194565952>).
- » The short video explains what we have learned about the ancestors who made their living in southern Arizona's Sonoran Desert as a result of the NHPA and related municipal laws.

“The images are compelling and the script is well written. Verlon Jose [Vice-Chair, Tohono O’odham Nation]...did an especially masterful job of quietly making profound statements about tribal perspectives that should make the past more relevant for all of us. You can be rightfully proud that all your extra efforts resulted in telling a story that encourages viewers to think about the deep history of the Sonoran Desert.”

—A. E. “Gene” Rogge,
AECOM

<http://preservation50.org/mapp/>

“More than ever, its message is critical...it really is important to make the public aware of what is at stake.”

—Jeffrey Altschul,
Statistical Research, Inc.



GREATER CHACO LANDSCAPE

Chaco Canyon. IMAGE: ANDY LAURENZI

- » Archaeology Southwest is a key member of the Coalition to Protect Greater Chaco (www.protectgreaterchaco.org), which seeks long-term protection of this ancient cultural landscape.
- » The Bureau of Land Management (BLM) and Bureau of Indian Affairs (BIA), along with the Navajo Nation, are the primary managers of millions of acres surrounding Chaco Culture National Historical Park.
- » In summer 2016, the Farmington (New Mexico) field office of the BLM and the BIA entered into a joint planning process to manage new oil and gas development across the Greater Chaco Landscape.
- » We urge BLM and BIA to close off the remaining unleased lands in the Greater Chaco Landscape to future oil and gas development.

“I am so glad that Paul Reed and Archaeology Southwest have taken a leadership role in protecting the greater Chaco landscape. Archaeology Southwest has really stepped up to help facilitate communication among all the interested parties, to raise public consciousness, and to develop effective strategies to mitigate the damage caused by mineral exploration across the Chaco world.”

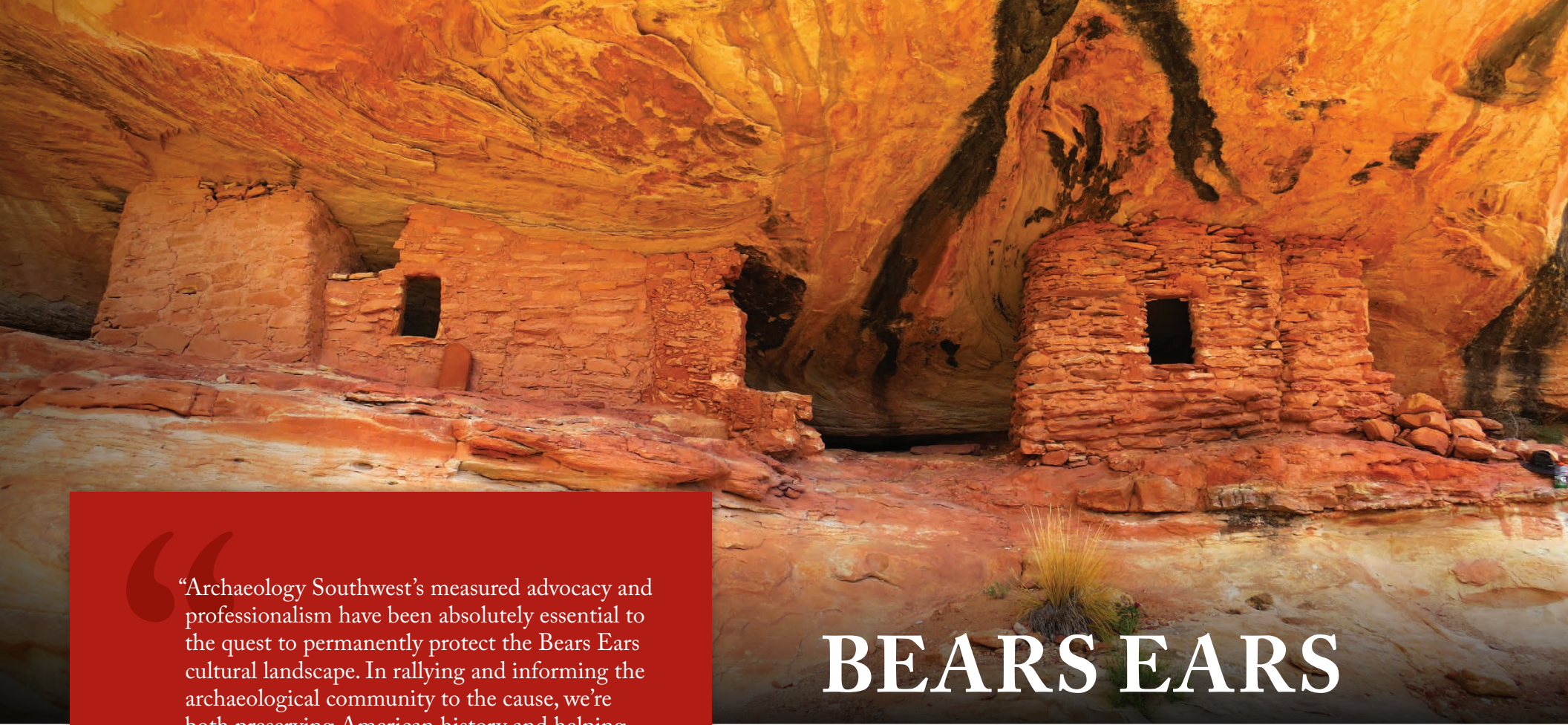
—Ruth M. Van Dyke, Ph.D.,
Binghamton University, Chaco Culture expert

“Working with Paul Reed, we’ve been able to support our proposals for protection of the Greater Chaco Landscape with the certainty that they are based on strong science, expertise, and experience in the region. Archaeology Southwest’s reputation and relationship with federal agencies, including the Bureau of Land Management and National Park Service, as well as the Pueblos and Navajo Nation, strengthen all of our collective advocacy. And as an added bonus, everyone who works with Paul and Archaeology Southwest comes away more informed about the history of the region and the importance of protecting it.”

—Nada Culver,
*Senior Counsel and Director, BLM Action Center,
The Wilderness Society*



Left: Well pads within 15 miles of Chaco Canyon. **Middle:** Oil flares outside of Bloomfield, NM. **Right:** Drill pad with Pierre Ruin in the background. IMAGES: COURTESY OF ECOFLIGHT



BEARS EARS

A cliff dwelling within Bears Ears National Monument. IMAGE: R. E. BURRILLO


“Archaeology Southwest’s measured advocacy and professionalism have been absolutely essential to the quest to permanently protect the Bears Ears cultural landscape. In rallying and informing the archaeological community to the cause, we’re both preserving American history and helping the public have a greater understanding of the importance of cultural resources to Native American communities.”

—Josh Ewing,
Executive Director, Friends of Cedar Mesa

- » Beginning in 2013, Archaeology Southwest advocated federal action on a national conservation area or a national monument to better protect public lands in the Greater Cedar Mesa/Bears Ears region of southeastern Utah.
- » In early 2016, we committed our support to the establishment of Bears Ears National Monument, as advocated by a coalition of five tribes with deep ties to the region.
- » President Obama declared Bears Ears National Monument on December 28, 2016.
- » Archaeology Southwest is fully and actively committed to Bears Ears National Monument, as well as the sacred American Indian sites and cultural landscapes therein.



Bears Ears. IMAGE: R. E. BURRILLO



“Through the Hands-On Archaeology program, many visitors—as many as 5,000 per season, including festivals—have been exposed to the sights, smells, science, and charm of the ancient people of this area. They receive a mini-education in archaeology as they take part. We have had the privilege of watching Allen Denoyer build up and then allow the elements to weather the replica Hohokam pithouse, as well as observing him build and burn the scale-model Early Agricultural pithouse.

“Allen is truly dedicated to the art and science of archaeology and sharing his wealth of knowledge with the public. It has been a pleasure to work with him. Our partnership with Archaeology Southwest has been an invaluable asset to the ongoing success of these events and programs.”

—Lynanne Dellerman-Silverthorn,
Recreation & Cultural Services Manager, Town of Oro Valley

HANDS-ON ARCHAEOLOGY

Children explore the replica Hohokam pithouse at Steam Pump Ranch. IMAGE: LINDA PIERCE

- » Allen Denoyer continues to lead our experiential Hands-On Archaeology program, demonstrating ancient technologies at numerous public events in Arizona and New Mexico.
- » In 2016, he taught workshops in flintknapping, stone and shell jewelry-making, atlatl making, knife-handle carving, and bone tool-making to almost 200 people, including special classes held for tribal members at the Tohono O’odham Nation Cultural Center & Museum.
- » With the help of Allen, lead volunteer Jaye Smith, and volunteers from Pima College and Archaeology Southwest, hundreds of visitors got their hands on archaeology at monthly events at Steam Pump Ranch in Oro Valley, Arizona.



SUNSET FOOTPRINTS

3D MODELING

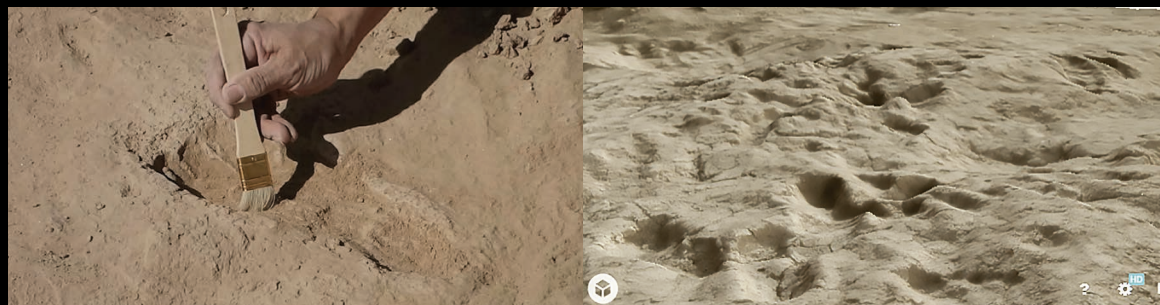
Onlookers gather to see excavations of ancient footprints. IMAGE: ANDY LAURENZI

- » In December 2015, archaeologists with SWCA (an environmental and cultural resource management firm) and Pima County discovered an incredibly rare record of people farming along the Santa Cruz River in Tucson 2,500 to 3,000 years ago.
- » The various tracks of footprints revealed a family of farmers walking through their fields after a major storm, opening and closing the irrigation canals that watered their fields of maize.
- » Archaeology Southwest led weekend volunteer efforts to expand the exposure and document more fields, berms, and tracks prior to bridge construction.
- » Doug Gann recorded the deposit using three-dimensional photogrammetry to millimeter-level accuracy, and he undertook higher-resolution modeling of specific examples of well-preserved footprints.

“

The Sunset Road Footprints provided a unique opportunity for public values to transcend scientific values for archaeology, and 2,500–3,000-year-old human footprints were just the ticket. The development and implementation of the public outreach program owes much to Allen Denoyer and Doug Gann of Archaeology Southwest, who provided unparalleled expertise in their respective specialized analyses of the Early Agricultural Field System, but additionally in their outstanding contributions and commitment to translating that information for the more than 4,000 people who attended the tours over the course of three weekends.”

—Ian Milliken, Pima County Office of
Sustainability and Conservation



Left: Uncovering a 3,000-year-old footprint. IMAGE: ANDY LAURENZI **Right:** 3D model of footprints in the field. IMAGE: DOUG GANN

“From our first issue, we were so impressed with the high quality and content of *Archeology Southwest Magazine* that we’ve saved them in a stack that has mounted up like *National Geographic Magazine* did in the past.”

—Bob and Peggy Wenrick,
longtime members

“I enjoy reading *Archaeology Southwest Magazine* because it presents information on broadly defined subjects or regions of the Southwest. The articles are well written and succinctly presented by specialists with excellent photos and drawings to cover related aspects of the subject or region being discussed. In this age where I have a VERY difficult time keeping up with an ever-increasing literature in my own relatively narrow archaeological niche, I use the magazine to keep up with what is currently happening with subjects and in parts of the Southwest with which I am not directly involved.”

—James A. Neely, Ph.D.
University of Texas at Austin (emeritus)

“I have *Archaeology Southwest Magazine* issues going back to year 2000, and I find them invaluable in preparing for a field trip or lecture. The content and quality have only gotten better each year.”

—Ken Fleschman,
longtime member

ARCHAEOLOGY SOUTHWEST MAGAZINE

- » In 2016, the publication celebrated its 30th year.
- » Topics included Kinishba Pueblo, Southwestern rock art, archaeology in Sonora, and forest fire management among ancestral Jemez villages and other historical Native American communities.
- » The publication team includes Kate Sarther Gann (content editor), Kathleen Bader (publication design), and Catherine Gilman (maps and graphics).

SOUTHWEST ARCHAEOLOGY TODAY

- » Edited by Doug Gann, weekly e-news digest *Southwest Archaeology Today (SAT)* celebrated its 11th year as a service of Archaeology Southwest.
- » Subscribership is at its highest ever, with 3,490 people receiving *SAT* in their Monday morning email.

“Reading the weekly news e-mail affords me an opportunity to share in the mission and remarkable vision of the institution, which I so admire. It is a reflection of the good character of the institution’s founder and staff.”

—Garry Cantley
Regional Archaeologist for the Bureau of Indian Affairs, and longtime member
and SAT subscriber

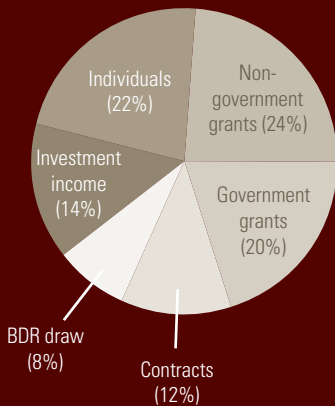
THANK YOU



from all of us at Archaeology Southwest

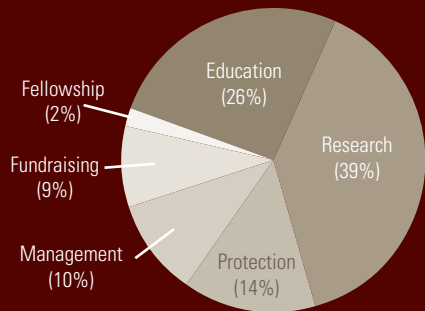
2016 Operating Revenue Sources

Total: \$1,575,009



2016 Operating Expenses

Total: \$1,574,090



Net Assets

Unrestricted	\$1,803,027
Temporarily restricted	\$1,417,726
Permanently restricted	\$3,255,455
Total	\$6,476,208

Complete audited financials are available on request