

Final Schedule

Wednesday, October 13, Evening

3:00-7:00

Conference Registration (*Eldorado Foyer*)

5:00-9:00

Opening Reception (*Garden View Terrace*)

Thursday, October 14, Morning

8:00-11:30

Plenary Session: Cultural Knowledge Past and Present (*El Dorado*)

Thursday, October 14, Afternoon

1:30-3:45

Symposium: People, Plants, & Landscapes: Current Research in the Intermountain West (*El Dorado*)

3:45-4:15

General Session (*El Dorado*)

Thursday, October 14, Evening

5:00-7:00

Reception/Happy Hour (*Garden View Terrace*)

Friday, October 15, Morning

8:00-11:15

Symposium: Current Paleoindian Research in the Great Basin (*El Dorado*)

8:00-11:45

General Session (*Savoy*)

11:30-11:45

General Session (*El Dorado*)

Friday, October 15, Afternoon

1:30-3:30

Symposium: Let's Make a Deal: Negotiating Both Sides of Nevada's Past: Papers in Honor of Pat Barker (*El Dorado*)

1:30-4:30

General Session (*Savoy*)

Friday, October 15, Evening

6:30-9:30

Banquet (*El Dorado*)

Saturday, October 16, Morning

8:00-10:00

Symposium: Lincoln County Archaeological Initiative (*Savoy*)

8:00-11:00

Poster Session (*Carson City I & II*)

10:15-11:15

General Session (*Savoy*)

Program

Wednesday, October 13, Evening

Opening Reception
Garden View Terrace, 5:00-9:00

Wednesday, October 13, Evening

Conference Registration
El Dorado Foyer, 3:00-7:00

Thursday, October 14, Morning

Plenary Session: Cultural Knowledge Past and Present

El Dorado, 8:00-11:30

Organizer: Geoffrey Smith

Two subjects—climate and culture—have long been inextricably linked by anthropologists, usually bent more toward environmental constraints than cultural solutions. Considering the current need for action on climate change and social disparities, how can archaeology and anthropology inform the present? Can cases from the past be used to shed light on how cultural context shapes responses to change? The Great Basin is a dynamic region where natural and social landscapes could change dramatically. Given the longstanding interplay between ethnography and paleoecology, the relationships between climate and culture are among the best-studied of any region in North America. This session seeks to frame questions that will help connect our data with traditional knowledge and new approaches to diversify our ability to address modern problems.

8:10

People and Plants in the Pleistocene: New Perspectives from the Great Basin

Katelyn McDonough and Jaime Kennedy

8:30

Dinner in the Desert: Terminal Early Holocene Social Organization and Subsistence in Oregon's North Warner Valley

Geoffrey Smith, Erica Bradley, Bryan S. Hockett, Jaime Kennedy, Madeline Ware Van der Voort, Evan J. Pellegrini, Teresa A. Wriston, Judson Finley, Richard Rosencrance, Daniel Stueber, and Christopher S. Jazwa

8:50

Why Did Prehistoric Populations Thrive in Southern Utah's Sand Dunes During the Middle Holocene?

Heidi Roberts, Jerry Spangler, Brian Coddling, and William Eckerle

9:10

Social Responses to Changing Environments in Southern Nevada

Karen Harry

9:30

Climate-Driven Dietary Change on the Colorado Plateau, USA and Implications for Gender-Specific Foraging Patterns

Lisbeth Louderback

9:50

Break

10:00

A Fremont Irrigation System in Cub Creek, Dinosaur National Monument

Judson Finley and Erick Robinson

10:20

Evaluating Anthropogenic Impacts on Sierra Nevada Forests

Theodore Dingemans, Emily Rubinstein, Christopher Morgan, Anna Klimaszewski-Patterson, and Scott Mensing

10:40

A Neme (Northern Paiute Approach) to Environmental and Cultural Wellness
Diane Teeman

11:00

Are We Listening and Do We Hear? Great Basin Traditional Ecological Knowledge and Wisdom as Practice and Ethic for the Future.
Catherine Fowler

Thursday, October 14, Afternoon

Symposium: People, Plants, & Landscapes: Current Research in the Intermountain West El Dorado, 1:30-3:45

Organizers: Nicole M. Herzog and Jim O'Connell

The landscape of the arid West has changed dramatically since Euro-American arrival in the mid-1800s. Knowledge of that landscape and especially the impact of Native American activity can be derived from historical documents. But these resources are often limited in scope and purpose. Greater understanding can come from other lines of inquiry. The first is direct conversation and collaborative research with living descendent Indigenous communities. The insights and information these hold is invaluable to current landscape management. The second is through examination of botanical remains preserved in archaeological deposits. These data can be used to infer environmental changes over time and the role of plants in past human diets. The third is via experimental or modeling work linking traditional land management practices and foraging activities to environmental and behavioral outcomes. This symposium offers an opportunity to explore recent work bridging plants, landscapes, and people.

1:30

Reigniting the Surprise Valley "Fire and Geophytes" Experiment
Jen Rovanpera, Nicole M. Herzog, and Jim O'Connell

1:45

Surprise Valley Applied Ethnobotany: Groundstone Variation and Dietary Inferences
Nicole M. Herzog, Jen Rovanpera, and Jim O'Connell

2:00

Identification of Starch Granules from Oak and Grass Species in the Central Coast of California
Gloria Brown and Lisbeth Louderback

2:15

Identifying Water Availability with Maize Phytoliths in Range Creek Canyon, Utah
Brendan Ermish and Shannon Boomgarden

2:30

Break

2:45

Secret Lives of Weeds: The Hidden Value and Persistence of Ruderal Species in Ancient Diets
Jaime Kennedy, Katelyn McDonough, and Marge Helzer

3:00

Use of Camas in Southern Idaho in Prehistory
Royce Johnson

3:15

Site Abandonment and Climate Change: A Palynological Analysis of Cowboy Cave, UT
Taylor Townsend

3:30

Discussant
Jim O'Connell

Thursday, October 14, Afternoon

General Session

El Dorado, 3:45-4:15

3:45

Middle Holocene Chaparral Yucca Exploitation at the Western Edge of the Mojave Desert

Ryan Byerly, Daron Duke, D. Craig Young, Denise Jaffke, Juliette Meling, and Steven Ptomey

4:00

Potatoes in Prehistory in the Great Basin

Linda Scott Cummings

Thursday, October 14, Evening

Reception/Happy Hour

Garden View Terrace, 5:00-7:00

Friday, October 15, Morning

Symposium: Current Paleoindian Research in the Great Basin

El Dorado, 8:00-11:15

Organizers: Katelyn McDonough and Erica Bradley

Researchers are bringing a wide range of methodological approaches to late Pleistocene and early Holocene archaeology of the Great Basin. For example, studies of lithic technological organization, paleoethnobotany, geoarchaeology, and intensive radiocarbon dating are shedding new light on Paleoindian technology, mobility, subsistence, social organization, and chronology. Ongoing paleoecological research continues to refine our view of changing environments and provides critical context for archaeological interpretations. The papers in this session highlight cutting edge research at a variety of site types and subregions that are changing what we know about the lives of the region's first occupants.

8:00

Cooper's Ferry Stemmed Projectile Point Technology Dates Before, During, and After the Clovis Paleoindian Tradition

Loren Davis

8:15

Paisley Pioneers: A Review of Luther Cressman's Investigations at the Caves

Pamela Endzweig, Thomas Connolly, and Daniel Stueber

8:30

A Summary of 2 Decades of Multi-Disciplinary Investigations at the Paisley Caves

Dennis Jenkins

8:45

The Chronology of Paleoindian Occupation at Bonneville Estates Rockshelter, Western Bonneville Basin, Nevada

Ted Goebel, Bryan S. Hockett, David Rhode, and Kelly Graf

9:00

An Update from Smith Creek Cave: Recent Developments in Paleoindian Raw-Material Procurement and Implications for Mobility in the Eastern Great Basin

Caitlin Doherty

9:15

The Emerging View of Life During the Younger Dryas at the Connley Caves, Oregon

Katelyn McDonough

9:30

Bridging the Gap with the Earliest Lithic Technology at the Connley Caves (35LK50), Oregon

Richard Rosencrance

9:45

Break

10:00

Geoarchaeological Investigations at the Weed Lake Ditch Site, Oregon: A Review of the Stratigraphy and Chronology

Jordan Pratt

10:15

Assessing the Relationship Between Pluvial Lake Levels and Paleoindian Land-Use in Hawksy Walksy Valley, Nevada/Oregon

Erica Bradley, Geoffrey Smith, Teresa A. Wriston, Megan McGuinness, Haden Kingrey, Richard Rosencrance, Denay Grund, Daniel Stueber, Derek Reaux, and Nicole George

10:30

An Updated View from Redfish Overhang: Western Stemmed Technology and Chronology in Custer, County Idaho

Daniel Stueber and Richard Rosencrance

10:45

Understanding Lake Coal and the Earliest Peoples of Coal Valley, Lincoln County, Nevada

Teresa A. Wriston, Kenneth D. Adams, and Christina Neudorf

11:00

Pluvial Lake Mojave: Modeling Paleoindian Land Use at a Temporally and Seasonally Dynamic Wetlands Resource Patch

Edward Knell, Jan Taylor, Matthew Kirby, and Albert Garcia

11:15

Reintroducing the Pleistocene Archaeology of Tule Springs: A Primer for the Field Trip

Daron Duke and Sarah Rice

Friday, October 15, Morning

General Session

Savoy, 8:00-11:45

8:00

Residue Analysis of Early Holocene Groundstone from the Little Steamboat Point-1 Rockshelter (35HA3735), Warner Valley, Oregon

Haden Kingrey and Geoffrey Smith

8:15

Experimental Approach to Understanding Virgin Branch Ground Stone Use-Wear from the Shivwits Plateau, Arizona

Daniel Perez

8:30

Fifty-One Years with Baskets

J. M. Adovasio

8:45

Great Basin Obsidian in the North Umpqua River Corridor: The Evidence for a Trans-Cascadian Trade Route

Shane Davis and Alan Gold

9:00

A Review of the Archaeological Record of Owens Lake Relative to Lake-Level Chronology

Jay King and Bill Hildebrandt

9:15

Walker Lake Landscape Reconstruction as an Example of Modeling the History of

Local Climate Change

Neil Puckett

9:30

New Traces in Old Places; Searching for Sheltered Sites in the Carson Sink

Aaron Ollivier

9:45

Break

10:00

Timing and Extent of the Late Holocene Dry Period in the Central Great Basin

Scott Mensing, Wang Wei, Cedar Briem, Douglas J. Kennett, Brendan J. Culleton,

Richard J. George, Adam Csank, David Rhode, Gregory Weisberg, and David H.

Thomas

10:15

High Altitude Residential Occupations in Mid-Latitude North and South America

Christopher Morgan and Gustavo Neme

10:30

The Fremont Mirror: Small Scale Food Production in the South American Farming Limit

Gustavo Neme and Adolfo Gil

10:45

Modeling Spatiotemporal Trends in Big Game to Aid Archaeological Interpretation

Rocky Brockway

11:00

Nutritional Benefits of Bone Fat in Leporids: Implications for Understanding

Prehistoric Human Foraging in the Arid West

Jacob Fisher and Caitlyn Bailey

11:15

Using Paleozoological Records to Inform the Conservation of Greater Sage-Grouse

(Centrocercus urophasianus): A Case Study from Homestead Cave

Allison Wolfe

11:30

Leveraging Prehistoric Footwear to Reconstruct Ancient Running Biomechanics

Alexandra Greenwald, Andrew Merryweather, Jamie Herridge, Andrew Anderson,

Gregory Burns, and Mary Weahkee

Friday, October 15, Morning

General Session

El Dorado, 11:30-11:45

11:30

Western Stemmed Tradition and Mobility: Interpreting Paleoindian Settlement

Patterns in the Northern Great Basin

Megan McGuinness

11:45

More Bits and Pieces: Twenty Years of Lahontan Basin Paleoindian Research

William Jerrems and Amy Dansie

Friday, October 15, Afternoon

Symposium: Let's Make a Deal: Negotiating Both Sides of Nevada's Past: Papers in Honor of Pat Barker

El Dorado, 1:30-3:30

Organizer: Anna J. Camp

Dr. James "Pat" Barker, "the Monty Hall of Great Basin Archaeology," was always ready to make a deal and negotiate the often political predicaments involved with being the BLM's State Archaeologist. Pat's career in archaeology followed his Vietnam War service, when he began attending University of California, Riverside (UCR). He quickly became involved in fieldwork with the Archaeological Research Unit (ARU) at UCR, and earned his M.A. degree in Anthropology 1977, and his Ph.D. in 1982. Great Basin Archaeology was always a favored subject, but Pat's dissertation research focused on the socioeconomics of fishing in Samoa and gave him the opportunity to do ethnographic fieldwork overseas with his lovely wife, Lucinda. His work in Samoa further added to his already charismatic personality and proved useful in many respects. Pat's robust career and life included Veterans Counselor, Nevada State BLM Archaeologist, University of Nevada, Reno, adjunct faculty, and Nevada State Museum Research Associate. Pat is respected by his students, friends, and colleagues alike. This symposium will focus on and celebrate Pat's life, career, and research.

1:30

Introduction

Anna J. Camp

1:45

From Biker to the BLM and Beyond. The Life and Times of J. Patrick Barker

Don Fowler

2:00

White Mountains Chronology

Robert Bettinger

2:15

Recent Basketry Dating Results and Relevance to Continuing Research in the Northern Great Basin

Thomas Connolly

2:30

The Patina of Meanings: Prestige, Knowledge, and Social Dynamics in Great Basin Rock Art

Darla Garey-Sage and Angus Quinlan

2:45

The Man Who Brought Me to Nevada: Reflections on Twenty Years of Collaboration and Friendship with Pat Barker

Geoffrey Smith

3:00

Time Traps: Secular and Sacred Syncopation in the Lahontan Basin

David H. Thomas, Erick Robinson, and Anna J. Camp

3:15

Discussant

Pat Barker

Friday, October 15, Afternoon

General Session

Savoy, 1:30-4:30

1:30

Voices of the Ancients: Archaeology and Oral Tradition for Teachers

Jeanne Moe and Samantha Kirkley

1:45

Indexical Semiotics: What a 'Snake Index' Reveals About Ancient Uto-Aztecan Cosmology

Alan Philip Garfinkel, Tirtha Prasad Mukhopadhyay, Bernard Jones, and Shane Davis

2:00

Possible Insect Art in the Great Basin
Julie Julison

2:15

Coastal Kumeyaay at Initial Contact: Fused-Sc'mulls and Preferred Marriages
Paul Chace

2:30

Gov. Rivera and Fr. Lasuen, Ten Years of Betrayal
Alijandra Mogilner

2:45

The Azorean Portuguese Diaspora in Nevada
Ashlee Younie and Sean McMurry

3:00

Break

3:15

Utah Cultural Site Stewardship Coordinator
Ian Wright

3:30

Interpreting Spotten Cave, a Mid-Archaic to Ethnohistoric Rockshelter Site, to Utah's Public
Savanna Agardy

3:45

You Can't Do 30-Meter Transects in a Pit Lake: Methods and Approaches in the Historic Preservation of Mid-Twentieth Century Progress
Margo Memmott

4:00

Advancing Our Digital Cultural Heritage Using FAIR Principles: Findable, Accessible, Interoperable, and Reusable
Christopher Nicholson

4:15

Rice, Ducks, and Civil War Widows: The Unusual History of an Historic Site on Rosamond Lake.
David Breitskreutz

Friday, October 15, Evening

Banquet

El Dorado, 6:30-9:30

Saturday, October 16, Morning

Symposium: Lincoln County Archaeological Initiative

Savoy, 8:00-10:00

Organizer: Jake Hickerson

The Lincoln County Archaeological Initiative (LCAI) was established in 2006 in order to fund projects for the inventory, evaluation, protection and management of unique cultural resources in Lincoln County, Nevada. Between 2006 and 2021, LCAI funded 71 individual projects and provided more than \$12 million for various archaeological projects in Lincoln County. This symposium is being presented to provide an opportunity for those that have received LCAI funds to present the results of their projects. Other presentations will include an overview of the LCAI program and include information on how you can get funding for your research ideas in Lincoln County.

8:00

Lincoln County Archaeological Initiative LCAI Symposium
Jake Hickerson

8:15

A Brief History of LCAI
Harry Konwin

8:30

Pictographs, Points, and Blasting Powder: Archaeological Survey within the Meadow Valley Wash Drainage Basin, Lincoln County, Nevada
Mark B. Estes, Teresa A. Wriston, Kenneth D. Adams, and David Rhode

8:45

Recording and Graffiti Mitigation in the White River Narrows
Johannes Loubser

9:00

Bedrock Milling Features and Ground Stone Artifacts Yield Pinyon Starch in West-Central Lincoln County, Nevada, USA
Lisbeth Louderback, Taylor Townsend, and Dayna Tinsley Giambastiani

9:15

Nevada State Park's Cultural Site Stewardship
Rayette Martin

9:30

Prehistoric Use of High Elevations in Lincoln County
David Rhode, Teresa A. Wriston, and Mark B. Estes

9:45

3D Documentation at Three Sites in the Basin and Range National Monument
Mary Ringhoff, Julia Ausloos-Bedinger, and Kat Vlahos

Saturday, October 16, Morning

Poster Session

Carson City I & II, 8:00-11:00

The Sacred, the Profane, and the Mundane: 8,000 years of Rock Imagery and Land-Use on Hogup Ridge, Utah
Michael Terlep

Shifts in Technology at North Creek Shelter: Implications for Investment, Mobility, and Sexual Division of Labor
Abby Baka, Lisbeth Louderback, and Alexandra Greenwald

Geoarchaeological Site Formation at Knolls Dunes, Tooele County, Utah
Sarah Rice, D. Craig Young, Daron Duke, Anya Kitterman, and Jaynie Hirschi

Stone Tools of The Mojave
Dash Chrisman

Precontact Occupation of Small Upland Lakes in the Northwestern Great Basin
Denay Grund, Amanda Hartman, Erik Martin, and D. Craig Young

A Collection of Unprovenienced Prehistoric Native American Potsherds: Uses and Construction
Dyann Grace Mones

119 Years Later: A Look at Reclamation's Historical Impacts and Uses Throughout Southern Nevada
Emily Swett and Justin DeMaio

The Crash of United Airlines 608
Erin Root

See the Forest for the Trees (or Sometimes Lack of Trees)
Joey LaValley

To Kill or Not to Kill: A Study of Indiscriminate Lethal Violence as a Function of Environmental Stress at the Cave 7 Site in San Juan County, Utah
Maisie Schwartz

Portable XRF Analysis of Owens Valley Pottery
Lucas Martindale Johnson, Alexxandria Martinez, Jeffrey R. Ferguson, and Jelmer Eerkens

Analysis of the Elephant Mountain Cave Obsidian Projectile Point Assemblage
Rocky Brockway

An Early-Historic-Age Bison and Pronghorn Skinning and Butchering Site in the Carson Valley of Northern Nevada
Stephen Rowland, Thomas Gordon, and Eric Chamero

Trash or Treasure: Exploring the Origins of Artifacts Discovered at Salt Lake City's Denver and Rio Grande Western Railroad Maintenance Facility (42SL718)
Tiffany Collins and Christine Michalczuk

Prehistoric Mobility and Technology in Northwest Nevada: A Preliminary Investigation of Three Archaic Sites and How They Are Connected to the Greater Great Basin Cultural Landscape
Emma Vance and Danielle Waite

The Archaeological Exploitation of Ferguson Wash Obsidian in Eastern Great Basin Prehistory
Kyle P. Freund, Daron Duke, Lucas Martindale Johnson, and D. Craig Young

Exploring the Historic Deer Trail Mine, Piute County, Utah
Lisa Krussow, Tiffany Collins, and Tiara Nestel

A Remote Sensing Survey of a Fremont Occupation in Dinosaur National Monument, Utah
Alix Piven

Radiocarbon Dates from Two Buried Hearth Features in Soldier Meadows ACEC, Humboldt County, Nevada
Sarah Rice and D. Craig Young

A Journey-Through Time: Excavations at Late Archaic, Far Western Pueblo, and Post-Puebloan Sites Near Grapevine Gap in Washington City, Southwestern Utah
Keith Hardin and Heidi Roberts

Obsidian Procurement in the Eastern Great Basin: Sourcing Archaic through Ethnohistoric Obsidian Debitage at Hogup Cave, Utah
Savanna Agardy, William Bryce, Michael Terlep, and Todd Marks

The Southern Nevada Agency Partnership Cultural Resources Team (SNAP CRT): A Collaborative Effort to Managing a Region's History
Justin DeMaio

Saturday, October 16, Morning

General Session

Savoy, 10:15-11:15

10:15

Las Vegas Springs Preserve Project: Survey and Excavation Preliminary Report
Andrew McCarthy, Nathan Harper, Leilani Lucas, and Thomas Lucas

10:30

Fifty-Five Years in the Making-Reanalysis and Rethinking of the Red Springs Site Complex, Spring Mountains, Clark County, Nevada
Kevin Rafferty

10:45

The Geoarchaeology of Playa-Dune Complexes on Edwards Air Force Base
Jeffrey Baker

11:00

A Fire in the Desert: Burnt Daub on Edwards AFB
Catherine Carbone and Jeffrey Baker