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**Virtual Reality**

**Student Posters**

**SATURDAY**

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111 presentations by scholars from 55 institutions.

THURSDAY MORNING

Living in Greatness: Being a Person in the Indigenous Plains and Great Basin, a Session in Honor of Raymond J. DeMallie
Paper Symposium
Organizers: Thierry Veyrié and David C. Posthumus

Sebastian Braun: Indigenous Personhood and the Ontological Turn. Does it Matter Where I (Don’t) Turn?

David C. Posthumus: Journey to “The Center of the Earth”: Exploring Traditional Lakota Conceptions of Place, Landscape, and Personhood.

Richard Meyers: Memes in Indian County: Implications for Identity.


Indrek Park: The Extent of Mandan and Hidatsa Territories: Native Perspectives.

Education, Curation, and Outreach
General Paper Session
Moderator:


Timothy Weston: Public Archeology in Rice County Kansas, A Long-Term Legacy of Cooperation and Friendship.


Debra K. Green: The Role of Geoarchaeology in Public Outreach and Education in Oklahoma.

Emily C. Van Alst: From Incising to Instagram: Examining the Changing Roles of Oceti Sakowin Women in the Creation of Traditional Art.

Eastern Plains
General Poster Session

Brandi Bethke, Sarah Trabert, Sheila Savage, and William Taylor: Morphological Modeling and Biomolecular Analysis of Horse Remains from Three Wichita Sites in Oklahoma.


Steven L. De Vore: Compliance Geophysical Investigations of Proposed Maintenance Facility, Knife River Indian Villages National Historic Site, North Dakota.

Cherie Haury-Artz: A Locally Made Freshwater Mussel Bead from the Dixon Site, 13WD8.

Nolan Johnson and Adam Wiewel: A Geophysical Survey of Sharp Homestead, Stanton County, Nebraska.

Lydia Sykora, Justin Tackney, Caroline Kisielinski, Mary J. Adair, and Jennifer A. Raff: A Piece of the Puzzle: A Pilot Study of the Genetic Histories of the Ancestors of the Wichita and Affiliated Tribes.

Rachel Thimmig, Kacy L. Hollenback, Christopher I. Roos, Andrew Quicksall, Fern Swenson, Blair Betik, and Mary Hagen Erlick: A Tale of Two Houses: Soil Chemical and Floor Assemblage Evidence of Domestic Activities at the Menoken Site, North Dakota.

NAGPRA Roundtable Discussion
Organizer and Moderator: Jayne-Leigh Thomas

Jayne-Leigh Thomas: The Native American Graves Protection and Repatriation Office at Indiana University

THURSDAY AFTERNOON

Perspectives in Plains Anthropology and Linguistics: Papers in Honor of Douglas R. Parks
Paper Symposium
Organizer: Indrek Park


Indrek Park: The Role of Dictionaries in Language Reclamation.


David C. Posthumus: Parks and Recreation: How Doug Parks Taught Me to be a Scholar.


**Beyond Subsistence: Humans and their Relationships with Plants, and Animals**

**General Paper Session**

Moderator:


Cherie Haury-Artz: Feathers, Beads, and Animal Symbolism: Fauna from the Dixon Site (13WD8).

Alison M. Hadley: Pawnee Mud Pony and Horse Figurines.


Cheryl Claassen: Tracking a Hunt God Rite in Texas, Kansas and Illinois.

Fred Schneider: Intertribal Trade for Native Plant Materials Exotic to North Dakota to the Mandan, Hidatsa, and Arikara Tribes.

Mary L. Simon: New Dates on Old Maize.


**Rediscovering Angel Mounds**

**Poster Symposium**

Organizer: Amanda Burtt

Amanda Burtt: Ripe for Research: Angel Mounds Fauna.

Preet Gill: The Mystery of the Tooth Scale.


Anne Hittson: The Use of the Petrous Bone to Further Understand Faunal Life at Angel Mounds.


Molly Mesner Bleyhl: Keeping Up with the Collections: Issues with Documentation of Artifacts from Angel Mounds.

Amanda Pavot: Curating Angel Mounds: Methods and Issues.


Melody Pope and April Sievert: Curating Angel is Underway!

Lauren Schumacher: Campus Archaeology: Bringing Communities and Students Together.

**FRIDAY MORNING**

*Windows to the Past: Interpretive Spatial Modeling*

*General Paper Session*

**Moderator: Christina Friberg**

David Massey, Christina Friberg, Quinn Lewis, and Edward Herrmann: Pump Up The Volume: Aerial and Drone Based LiDAR Volumetric Calculations at Angel Mounds (12VG1).

Andrew J. Clark, Kenneth L. Kvamme, and Timothy A. Reed: Recent Remote Sensing Investigations at Two Middle Missouri Village Sites in North Dakota.

Kenneth L. Kvamme: GPR Investigations in Northern Plains Village Sites.


Kirsten M. Hawley and Laura L. Scheiber: Spatial Data Analysis and Visualization Techniques of Shoshone Occupations in the Washakie Wilderness of Northwestern Wyoming.

Courtney L.C. Ziska, Nolan L. Johnson, and Anthony L. Layzell: The Nebraska Buried Sites GIS in Practice: Initial Results and Next Steps.

Brian Goodrich: The Search for Fort Lisa: A Site Location Model.
Round Table
Organizer and Moderator: Sebastian Braun

Round 1:

Joshua Smith: Repatriation and History.

David C. Posthumus: Cultures and Meanings.

Christina Burke: Museums and Collaborations.

Christina Gish Hill: National Parks and Communities.

Round 2:

Gerald A. Oetelaar: Landscapes and Meanings.

Richie Meyers: Tribal Colleges and Researchers.

Sebastian Braun: Cultures and Meanings.

Western Plains
General Poster Session

Brendon P. Asher and James M. Warnica, 90 Years at Blackwater Draw: The Contributions of the Clovis Type-Site to American Archaeology.

Paul Burnett, Comparing Probability Models from the Great Plains to the Rocky Mountains.


Alix Piven, Gideon Maughn, and Suzann Henrickson: Preliminary Results of a Geometric Morphometric Analysis on Early Holocene Projectile Points from Owl Cave, Wasden Site, Idaho.

Cody Sharphead: Mapping the Points: Investigating the Besant Phase in Alberta with GIS technology.

Cody Sharphead: The Archaeology of My Bones: Investigating the Excavation and Repatriation of the Sharphead Site Burials.
Maria Nieves Zedeño, Francois Lanoe, Danielle Soza, and Lucas Reis Bond: That’s the Spot! Long-Term Place Persistence in the Greater Northwest Plains.

FRIDAY AFTERNOON

Student Paper Competition
Paper Symposium
Organizer: Laura L. Scheiber

Carlton Gover: Dating Apps in Archaeology: Matching the Archaeological Record with Indigenous Oral Traditions through Glottochronology, Summed Probability Distributions, and Bayesian Statistical Analysis.


Marie Taylor: Playa Morphology and Hunter-Gatherer Site Selection on the Great Plains.

Raymond V. Sumner: The Days After Colorado’s Darkest Day: Initial Work at the Overland Tail Julesburg Station in Northeastern Colorado.

Building Visual Connections with the Past: Using Virtual Reality and 3D Models to Investigate, Preserve and Promote Cultural Heritage
Poster Symposium
Organizers: Elizabeth M. Lynch and Clare Bowen-O’Connor

Clare Bowen-O’Connor, Kodi Rolle, Sashuan Armbrister, Kyle Summerfield, and Elizabeth Lynch: Beyond Plains Archaeology: Engaging Students with Digital Data Capture of Bahamian Landscapes.


AnnMarie Harrison: Documenting Cultural Heritage: Developing photogrammetric models of the main Tolar Petroglyphs.

Kenneth F. Humphrey: Applying DSretch® to Photogrammetric Three-dimensional Models of a Painted Rock Art Panel.

Kenneth F. Humphrey: Statistically Delineating Soil Strata using a Photogrammetric Three-dimensional Model of an Archaeological Profile Wall: A Work in Progress

Jacob C. Lewis: Using Photogrammetry to determine Superposition of Plains Indian Rock Art.

Elizabeth M. Lynch and Clare Bowen-O’Connor: An Exploration of Methods: The Potential for Photogrammetric Models of the Tipi Ring Features at Hell Gap National Historic Landmark.
Elizabeth M. Lynch, Andrea Colón, Kyle Summerfield, Mark Wittstock, and Emma Jane Alexander: Engaging Millennials: Teaching Digital Archaeology to High School Students in the TRIO-Upward Bound Program.


Archaeological Sites through Space and Time
General Paper Session
Moderator:


Travis W. Jones, Carla S. Hadden, Jeff Speakman: Reassessing Site-Level Chronologies at Flaming Arrow and Menoken Villages.

Donald J. Blakeslee: It's the Pits: Murphy's Law and Etzanoan Cache Pits.

Tricia J. Waggoner: Into the Weeds at Fool Chief’s Village (14SH305).

Mackenzie J. Cory: Tipi and Thi’ikčeya: The Importance of Toy Tipis in the Understanding of Indigenous Childhood.

Leland Bement, Dakota Larrick, Charles Rainville, and Natalie Patton: Defining Late Paleoindian Activities along Bull Creek: Oklahoma Panhandle.

Lithic Analysis
General Paper Session
Moderator:

Patrick D. Trader: The Occurrence and Distribution of Knife River Flint in Indiana: A Pilot Study.

Mark A. Latham: Source Determination of Obsidian Recovered from the Jumper Creek Site (34SM8), South Central Oklahoma.

Christopher M. Johnston and Kevin D. Black: Lithic Quarries Large and Small: A Comparison from Northern Colorado.


Clara Steussy: Celebration: Expanding the Story Of Wyoming's Haiku Stone.

Student Poster Competition
Poster Symposium  
Organizer: Cherie Haury-Artz


Carlton Gover: Recovering from Bad Dates: A Reanalysis of Radiocarbon Data in the Central Plains Tradition.


Jennifer L. Lemminger: Agate Basin Stratified Paleoindian Site: Faunal Analysis from Area I.

Jacob C. Lewis: Using Photogrammetry to determine Superposition of Plains Indian Rock Art.

Devin Pettigrew: The Peyote Altar: A Cosmogram of Great Antiquity?

Sylvia M. Sandstrom: The Boller Site Platter - A Northern Plains Ceramic Anomaly.

Lauren Schumacher: Campus Archaeology: Bringing Communities and Students Together.

Danielle R. Soza: Soil Chemistry and Stone Ring Sites: Preliminary Results from Four Horns Lake, Montana.

Raymond V. Sumner: The Days After Colorado’s Darkest Day: Metal Detecting Survey of the 1865 Julesburg Stage Station.

SATURDAY MORNING

Learning from the Past and Looking to the Future: A Discussion of Native Language Revitalization
Paper Symposium  
Organizer: Richard Henne-Ochoa

Melissa Strickland: Maȟpiya Lúta Lakȟól’íyapi Waȟáŋspéwíčhakhiyapi: Teaching Lakota to Red Cloud Students.

Cynthia Ramlo and Joshua Richard: Learning from the Elders: Using Stories to Develop Nakóda Literacy.

Logan Sutton: Language(s) Revitalization in the MHA Nation: Assessment and Prospects.

Indrek Park: The Importance of Dictionaries in Language Revitalization Efforts.

Richard Henne-Ochoa: Acquiring Native Languages through Family and Community Endeavors.