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Department of Agriculture
and Natural Resources

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October 14, 2025

Chairperson Bob Morris
South Dakota Board of Minerals and Environment
Dept. of Agriculture and Natural Resources
523 E. Capitol Avenue
Pierre, SD 57501

Re: In the Matter of Clean Nuclear Energy Corp. Uranium Exploration Permit
Application EXNI 453

Dear Chairperson Morris:

Pursuant to the Board's directive at the August 21, 2025 pre-hearing conference, the Black Hills Group of the Sierra Club and Jeremiah Davis respectfully submits the enclosed The Black Hills Group of the Sierra Club and Jeremiah Davis's Designation of Expert Witnesses. Thank you.

Sincerely,

George J. Nelson
Attorney for the Black Hills Group – Sierra Club
And Jeremiah Davis

Enclosure

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OCT 23 2025

STATE OF SOUTH DAKOTA
DEPARTMENT OF AGRICULTURE & NATURAL RESOURCES
BOARD OF MINERALS AND ENVIRONMENT

Department of Agriculture
and Natural Resources

IN THE MATTER OF CLEAN
NUCLEAR ENERGY CORP. URANIUM
EXPLORATION PERMIT
APPLICATION

EXNI 453

THE BLACK HILLS GROUP OF THE
SIERRA CLUB AND JEREMIAH
DAVIS'S DESIGNATION OF
EXPERT WITNESSES

TO: STATE OF SOUTH DAKOTA AND CLEAN NUCLEAR ENERGY CORP.:

Come now the Intervenor The Black Hills Group of the Sierra Club and Jeremiah Davis through counsel, George J. Nelson, and hereby designates the following as expert witnesses in the trial of this matter:

1. Linea Sundstrom, Day Star Research, 1320 E. Lake Bluff Blvd., Shorewood, WI 53211, Dr. Linea Sundstrom, Day Star Research, 1320 E. Lake Bluff Blvd., Shorewood, WI 53211, is designated as an expert in archaeology, rock art analysis, and Great Plains ethnohistory, with particular experience in the cultural resource management of the Black Hills region. She will testify that the proposed uranium exploration activities on the rim of Craven Canyon are reasonably likely to result in disproportionate and irreversible impacts to cultural resources, including archaeological features, traditional cultural properties, and sacred Indigenous landscapes. Her testimony will address the cultural significance of the area, direct and indirect impacts of the proposed exploration activities, and the history of efforts to protect Craven Canyon from mineral development. Her

opinions are offered to a reasonable degree of professional certainty, based on her education, training, and experience. Dr. Sundstrom has prepared a written report which will be disclosed in accordance with the Board's procedural orders, and she may rely on supplemental visual exhibits, maps, and ethnographic sources in support of her conclusions.

2. Intervenors reserve the right to supplement this designation and identify additional expert witnesses as their investigation continues or in response to expert disclosures by other parties.
3. Intervenors reserve the right to designate rebuttal expert witnesses at a later date, if they become necessary following other parties' designations.

Dated this 14th day of October, 2025.

LAW OFFICE OF GEORGE NELSON

/s/ George J. Nelson
George Nelson
Attorney for The Black Hills Group
of the Sierra Club
2800 Jackson Boulevard #3
Rapid City, SD 57702
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CERTIFICATE OF SERVICE

I certify that on the 14th day of October, 2025, I caused to be served via U.S. mail, postage prepaid, a true and correct copy of **THE BLACK HILLS GROUP OF THE SIERRA CLUB AND JEREMIAH DAVIS'S DESIGNATION OF EXPERT WITNESSES** to:

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Steven R. Blair Deputy Attorney General Counsel Minerals, Mining, & Superfund Program PO Box 70 Rapid City, SD 57702	Taylor Gunhammer 221 E Jackson St Rapid City, SD 57701
Bob Morris, Hearing Chair Board of Minerals & Environment PO Box 370 Belle Fourche, SD 57717	Jean Roach 3711 Ivy Ave Rapid City, SD 57701
Matthew Naasz, CNEC Counsel Gunderson, Palmer, Nelson, & Ashmore PO Box 8045 Rapid City, SD 57709	Caryn Lerman 337 S. 5 th St Hot Springs, SD 57747
CT Corporation System, Resident Agent Clean Nuclear Energy Corporation 319 S Coteau St Pierre, SD 57501	Helen Red Feather PO Box 173 Wounded Knee, SD 57794
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Ben R. Sharp 28290 W Flagpole Rd Hot Springs, SD 57747	Kimberly Craven, Attorney General Cheyenne River Sioux Tribe PO Box 590 Eagle Butte, SD 57625
Great Plains Tribal Water Alliance, Inc PO Box 271 Pine Ridge, SD 57770	Brenda Gamache 2337 Wilson Ave Hot Springs, SD 57747
Chase Iron Eyes, Attorney at Law PO Box 393 Pine Ridge, SD 57770	Gena Parkhurst 514 Americas Way #20805 Box Elder, SD 57719
Peter Capossela, Attorney at Law PO Box 10643 Eugene, OR 97440	Steven Gunn, Attorney at Law Oglala Sioux Tribe PO Box 1204 Pine Ridge, SD 57770
Jeremiah Davis 130 E Centennial St Rapid City, SD 57701	Tonya Stands 202 Bald Eagle Lane #8 Rapid City, SD 57701
Michelle Tyon PO Box 1838 Pine Ridge, SD 57770	
Susan Hey 312 N 40th St Rapid City, SD 57702	

Dated this 14th day of October, 2025.

/s/ George J. Nelson
George Nelson

Report to South Dakota Board of Minerals and Environment Regarding a Request for a Permit for Uranium Exploration on the Rim of Craven Canyon, Fall River County

Linea Sundstrom, Ph.D.

This report has been prepared at the request of the Black Hills Group of the Sierra Club for submission to the South Dakota Board of Minerals and Environment. It reflects my independent professional opinions based on publicly available data, prior research, and cultural resource documentation. The conclusions expressed herein are made within the professional standards of archaeology and cultural resource management and are not intended as legal opinions.

Qualifications. I was awarded a Ph.D. in Anthropology with honors from the University of Kansas in 1989 and have over 49 years of experience in archaeology, much of it in western South Dakota. I am the author of two books on Black Hills rock art and 40 peer-reviewed articles on archaeology and history, as well as numerous cultural resource management reports for federal and state agencies. I authored the cultural resources management plan for Craven Canyon for the Black Hills National Forest.

Overview. Proposed uranium exploration activities on the rim of Craven Canyon are reasonably expected to adversely impact cultural resources. This report encapsulates the cultural significance of the area, archaeological and traditional cultural properties, direct and indirect impacts likely to occur with mineral exploration activities, and the history of attempts to protect the area's cultural resources.

Location and geographic setting. Craven Canyon is a three-mile-long canyon running from the Hey Ranch southeast to Red Canyon in northwestern Fall River County, South Dakota. The walls of the canyon are primarily Inyan Kara Group sandstones underlain by more erodible slates and siltstones. An ephemeral stream runs through the canyon bottom. Terraces on both sides of the creek evince episodes of surface stability interrupted by periodic downcutting as water tables dropped following the Ice Age. In places, alluvial fans extend from the base of the sandstone cliffs to the stream terraces below. The petroglyphs (produced by removing rock) and pictographs (produced by applying pigment) are on sandstone cliffs and boulders.

Cultural resources. Craven Canyon is best known for its wide variety of rock art sites. It contains one of the most impressive arrays of Native American rock art in North America, including painted, pecked, and incised types. The canyon and rim also contain a variety of other archaeological sites, such as remains of pit-houses and tipi camps, fire-hearths, and tool-production areas. An artifact scatter on the rim within the proposed drilling area contained shell beads, suggesting that it may represent the remains of a Native American rock- or tree burial.

Cultural significance. Using criteria developed for the National Register of Historic Places, 21 sites have eligible status, and an additional nine are listed on the National Register. Some 19 sites have not been formally evaluated. Sites in the area date to all periods from about 12,000 years ago to the 1950s. Much of the rock art appears to date within the last 2000 years; however, two

sites contain rock art estimated to be 6000 to 8000 years old, making it among the oldest rock art on the continent.

National Register criteria include the potential to provide new information about our past and ongoing cultural significance to Native American communities. Eligible sites can be dated, or are expected to be datable in the future, and to contain archaeological features (human-made phenomena affixed to the landscape). Sites must also retain integrity (that is, not be extensively damaged) to be eligible to the National Register.

Rock art provides a window into ancient beliefs and practices not available from other archaeological remains. Moreover, for descendant communities it can provide a link to the ancestors, a record of events and sacred narratives of the group, and a symbol of the people's ongoing relationship with, and obligations to, the Black Hills.

Sites connected with early ranching and homesteading in the area occur at both ends of Craven Canyon on private land. Scars on the landscape from the initial uranium boom in the 1950s are themselves now potentially eligible for protection as historic sites significant to the history of mining, nuclear technology, and the Cold War.

Lakota individuals still visit the rock art sites on private and federal lands for educational and religious purposes. I defer to the tribal representatives regarding information about current attitudes toward and concerns about the rock art and the canyon as a whole. Two published historic accounts refer to Lakota beliefs about places with ancient markings—one specific to Craven and Red Canyons and one more generally referring to the Black Hills. Another published Lakota narrative warns of the consequences of violating the sanctity of such places.

Archaeological and ethnographic information indicate that other First Nations peoples knew of and visited the canyon, including the Ponca, Mandan, and Crow. Craven Canyon empties into Red Canyon, which was the main trail into the interior Black Hills from the south. Documented human use of the vicinity extends back into the Paleoindian period, on the order of 12,000 years ago.

State of knowledge of cultural resources. Officially, all Forest Service administered land in and adjacent to Craven Canyon has been surveyed for archaeological sites. Some private holdings have been surveyed in advance of post-wildfire treatment, exploratory drilling, and small projects such as waterline corridors. The quality of these surveys varies; however, knowledge of archaeological resources in the area is fairly complete, with the exception of rock art. As noted, unrecorded rock art sites have been discovered in the canyon as recently as 20 years ago, including one site with several panels of painted images. Unless lighting is favorable, rock art may not be readily visible. Furthermore, new technologies including near-visible infrared imaging and D-Stretch® digital image enhancement now allow researchers to detect faded images. It is likely that more rock art will come to light in the coming years using such techniques (see attached examples).

Reasonably foreseeable impacts from exploratory drilling for uranium. Likely impacts from exploratory drilling are both direct and indirect. Direct impacts to archaeological sites include

scraping the surface in preparation for drilling, drilling itself disturbing archaeological deposits, dust and oil/exhaust from machinery coating the rock art, vibrations from drilling causing rock art-bearing sandstone surfaces to spall away, and damage from application of soluble dust-abatement chemicals on access roads. Changes in the water table can undermine the cliffs, causing them to break off in large pieces. The hydrologic regime can also lead to destructive salts being deposited over rock art, hastening its deterioration. Potential indirect impacts from exploratory drilling include increased traffic into the area as access roads are created or improved, leading to unintentional damage from people brushing against or touching rock art and intentional damage such as making graffiti or campfires.

Regarding traditional cultural property use, exploratory drilling can be expected to disrupt the solitude of those visiting the canyon for religious or educational purposes. Noise, dust, and smells from machinery and vehicles and the sight of exploratory operations will affect the experience of being in the canyon. Sound, view, and smells are all part of the experience of traditional Native American use of the canyon. Activities that require solitude, such as the vision quest, will be impossible if mining personnel are able to see the traditional users.

History of efforts to protect Craven Canyon's cultural resources. From the earliest discovery of uranium deposits in and near the canyon, local residents and land managers raised concerns about the impact of mineral exploration and mining there. Congress passed a mineral withdrawal order in 1954 to protect the main concentration of rock art sites. Both the State of South Dakota and the US Forest Service subsequently passed measures to protect the rock art sites.

- 1954 Congress permanently withdrew a portion of the canyon from mineral claims.
- 1978-1980 Archaeological surveys conducted in advance of uranium exploration and mining identified additional rock art sites and other archaeological resources on federal and private lands in the vicinity.
- 1980 National Register nomination prepared for individual sites on land managed by the US Forest Service. Private sites listed in 1982; action on federal sites delayed.
- 1991 Forest Service again requested a mineral withdrawal of portions of the canyon to protect the rock art sites.
- 1991 Board of Minerals and Environment voted to preliminarily designate 560 acres in Craven Canyon as "special, exceptional, critical and unique lands" pursuant to SDCL 45-6B-33.3.
- 1993 Rock art sites managed by the Forest Service listed on the National Register of Historic Places.
- 2001 Federal prosecutors settle Craven Canyon vandalism case for funds for restoration.
- 2003 Management plan for Craven Canyon completed and approved.
- 2004-2005 Four additional rock art sites discovered in Craven Canyon during Passport in Time projects.
- 2005 Draft historic district National Register nomination prepared for Craven Canyon.
- 2006 Person who made graffiti in Craven Canyon convicted in federal court.
- 2007 Forest Service closed the road into Craven Canyon and developed hiking access.
- 2008 mineral withdrawal proposed by Forest Service to expand the protected area, including those portions of the canyon rim adjacent to the current permit request on the north and east.

- 2008 Forest Service drafted an EA for a mineral withdrawal again including portions of the rim adjacent to the current permit request on the north and east.
- 2008 Draft historic district National Register nomination updated.
- 2010 Forest Service drafted an EA for a mineral withdrawal again including portions of the rim adjacent to the current permit request on the north and east.
- 2011 Forest Service issued an EA for a mineral withdrawal again including portions of the rim adjacent to the current permit request on the north and east.

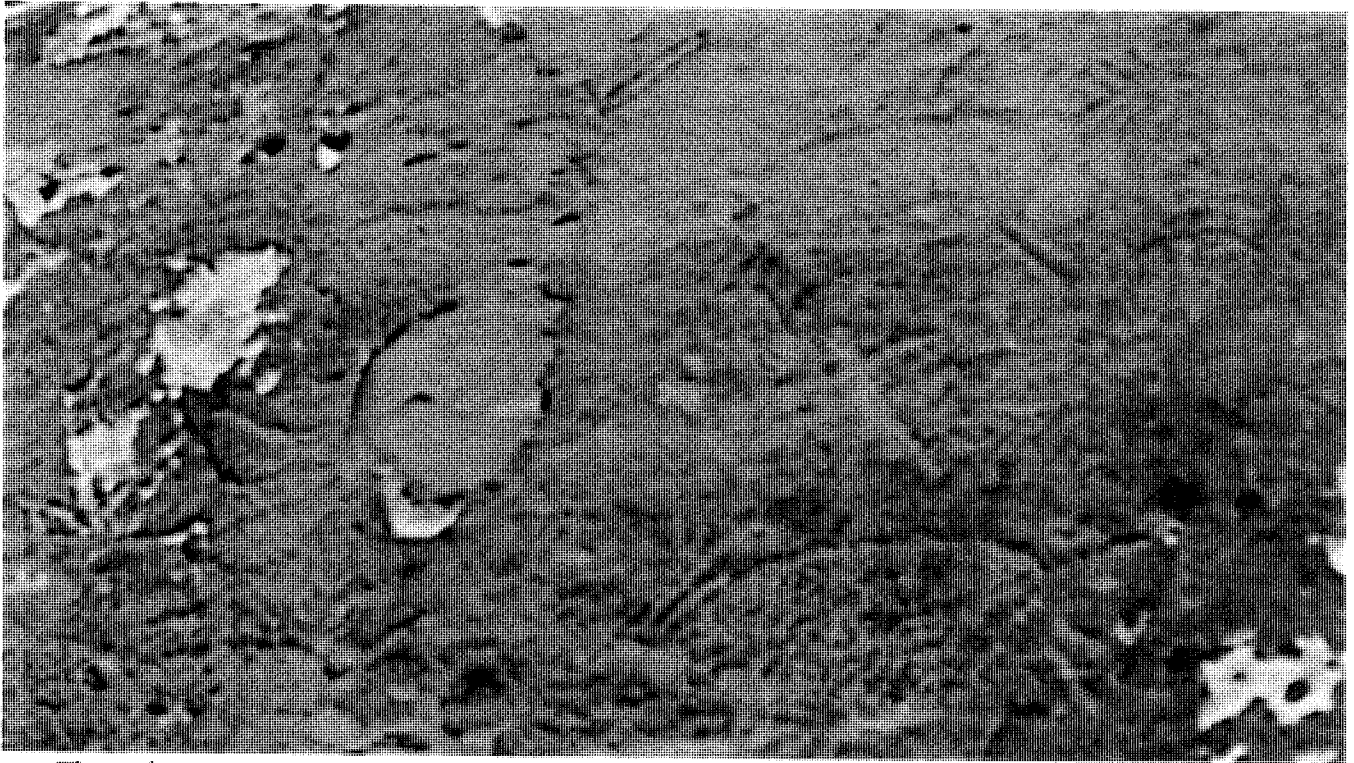
Concluding comments. Local citizens, Native Americans, and historic preservation advocates have been trying to save the unique cultural resources of Craven Canyon ever since it went from remote, unvisited rangeland to the focus of a uranium rush. For 70 years, they have mostly succeeded. The rock art and archaeology of the canyon cannot be repaired or replaced. Once they're gone, they're gone forever. The proposed uranium exploration, much less any mining that ensues, presents a serious threat to the very special, sacred ground that is Craven Canyon. When the state legislature granted the Board of Minerals and Environment authority to deny permit requests based on disproportionate and irreversible impacts to cultural resources, they surely had in mind places like Craven Canyon. I urge you to take the long view and protect the canyon for many generations to come.

Given the documented concentration of archaeological and traditional cultural resources and their vulnerability to surface disturbance, it is my professional opinion that exploratory drilling on the canyon rim is incompatible with preservation of these irreplaceable resources and should not be authorized under SDCL § 45-6D-29.

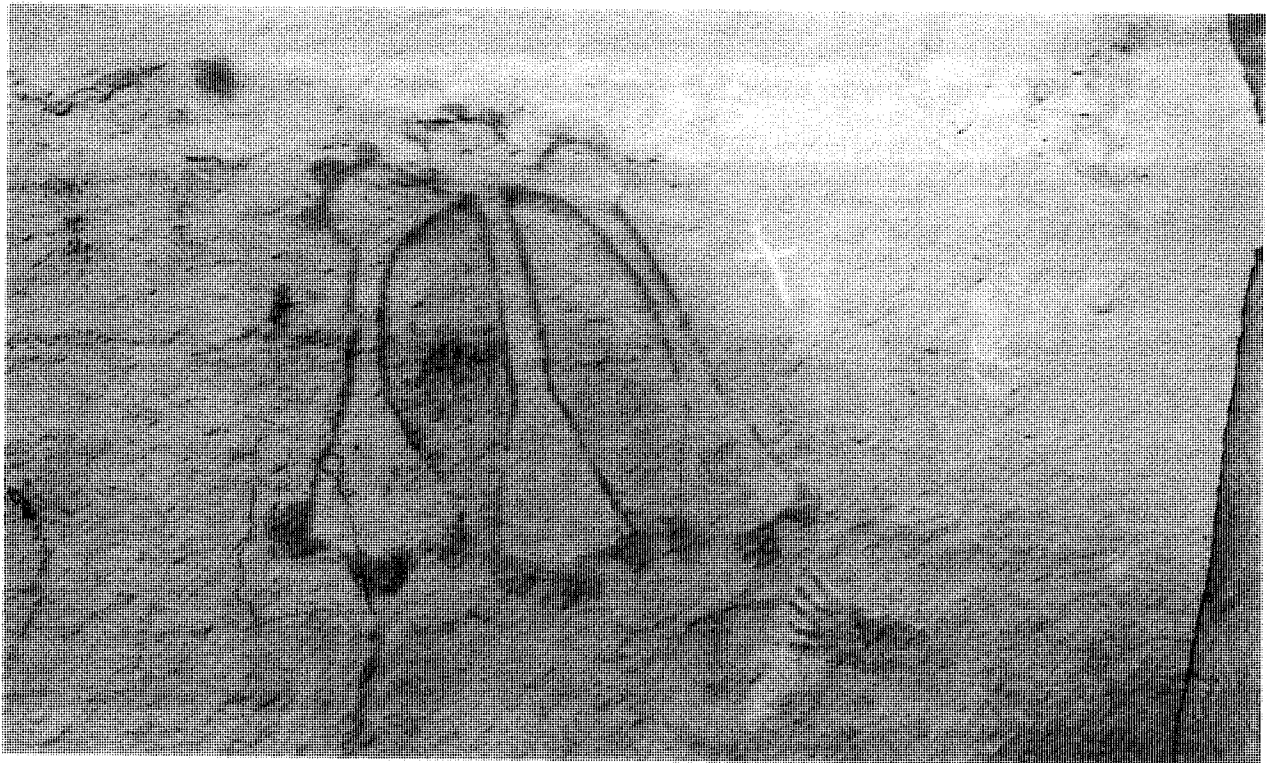
The archaeological, historical, and cultural record preserved in Craven Canyon is of exceptional significance. Exploratory drilling in the proposed permit area would introduce mechanical vibration, dust deposition, and increased human access, potentially causing irreversible damage to cultural features and compromising the integrity of the traditional cultural landscape. These impacts fall squarely within the disproportionate and irreversible harms contemplated by the legislature when it empowered the Board of Minerals and Environment to deny exploration permits under SDCL § 45-6D-29.

Safeguarding Craven Canyon is consistent with state and federal preservation ethics and with the expressed interest of tribal nations, landowners, and the broader public in protecting a landscape that holds exceptional cultural, historical, and spiritual value.

EXAMPLES OF CRAVEN CANYON ROCK ART

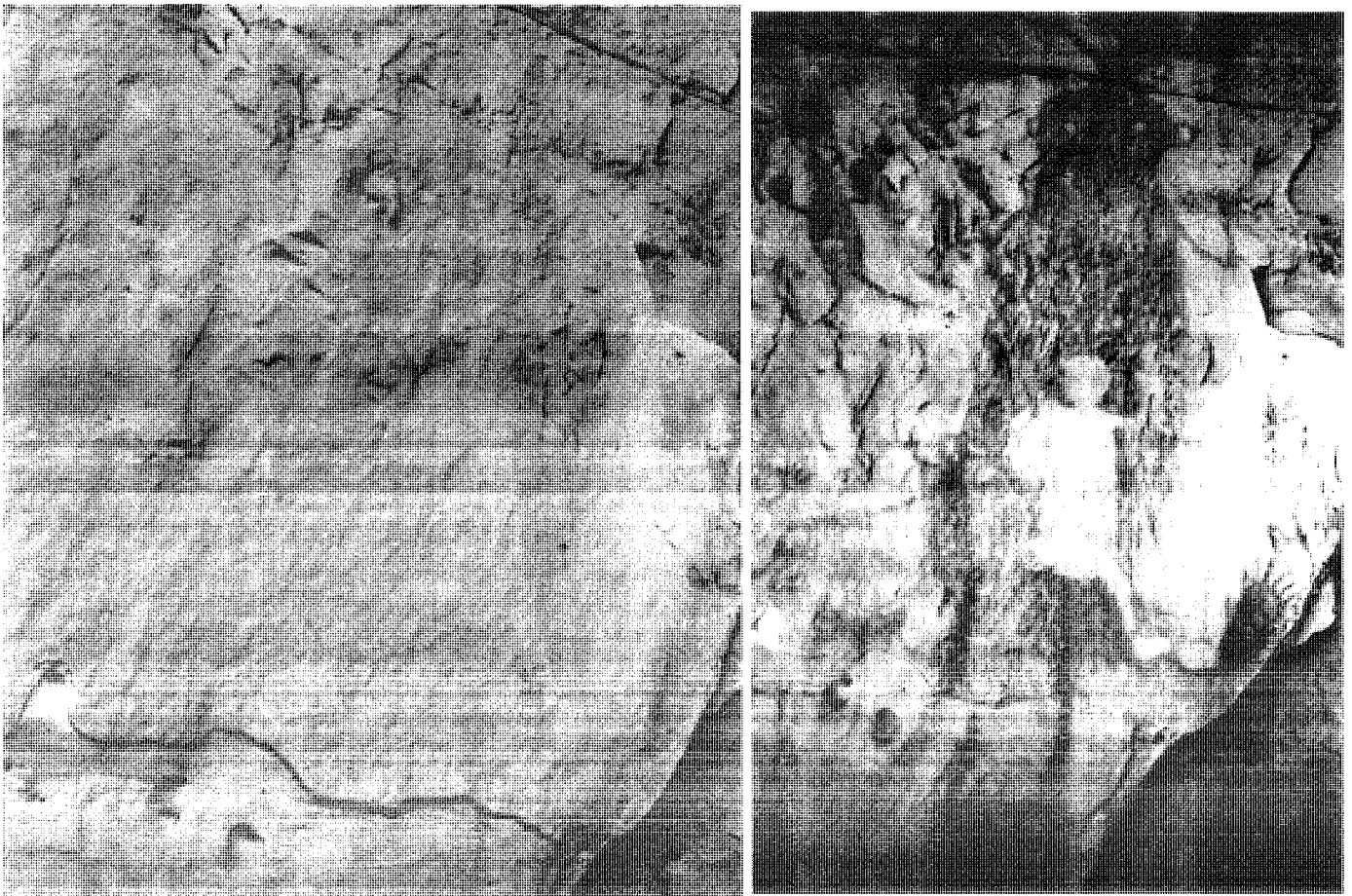


Three humans and several deer are visible on this closeup of a pecked hunting scene, estimated to be 6000 to 8000 years old.

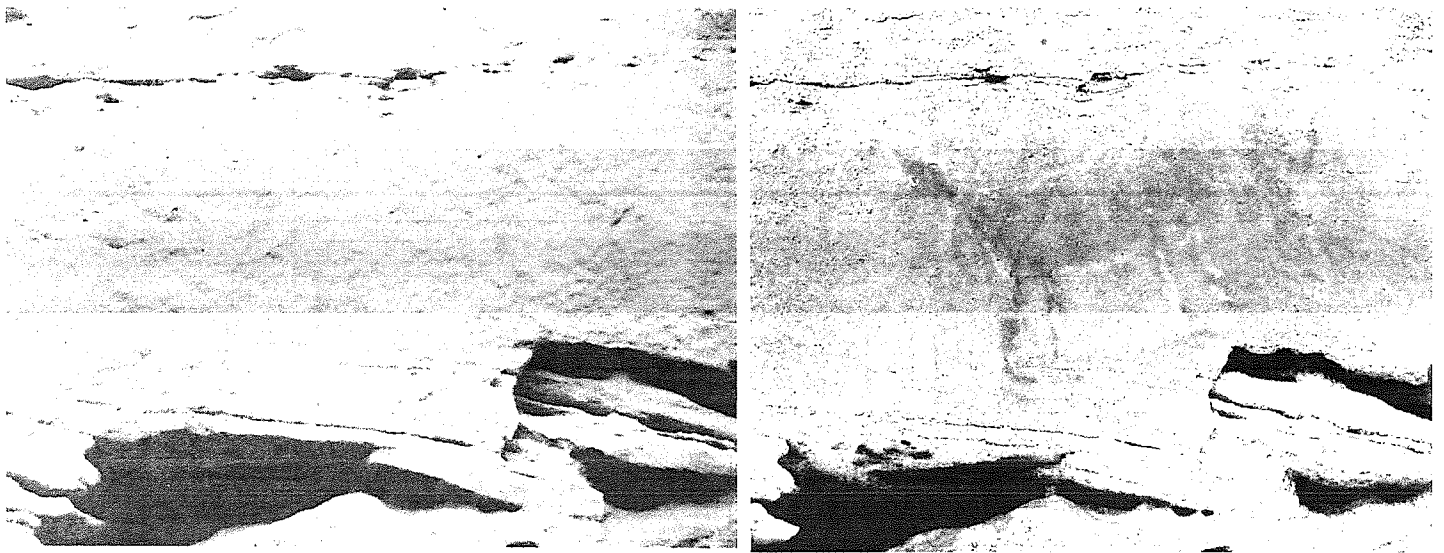


This three-lobed red-painted design is unique in North American rock art. Its age and cultural affiliation are unknown.

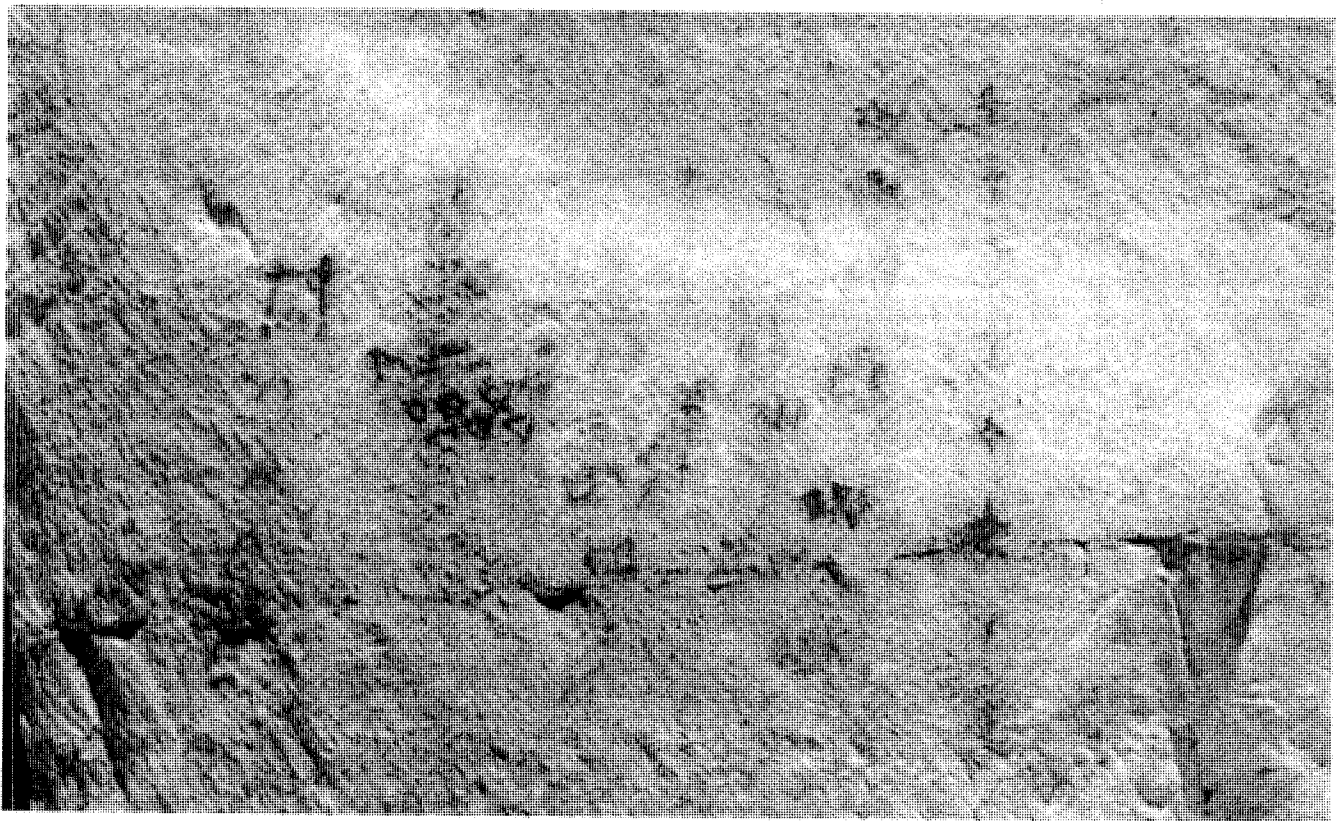
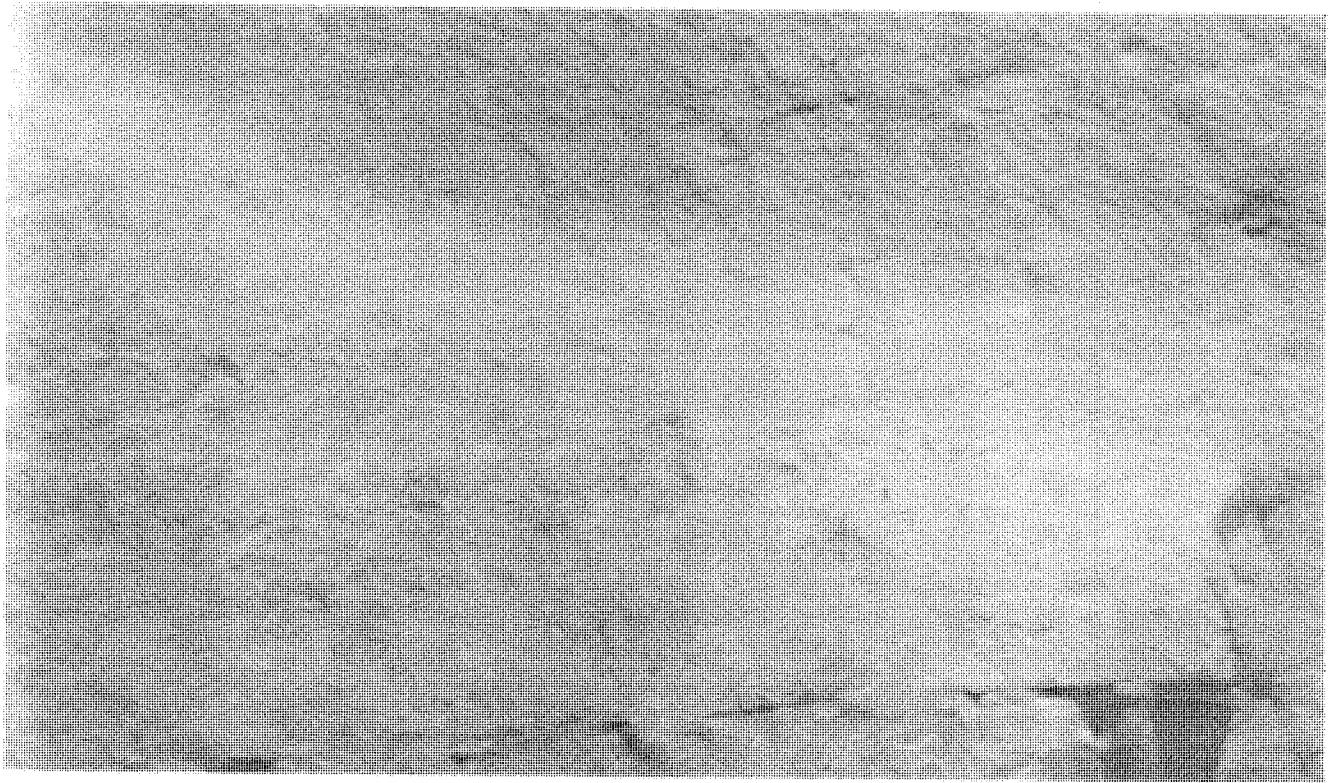
NEW TECHNIQUES FOR DETECTING ROCK ART



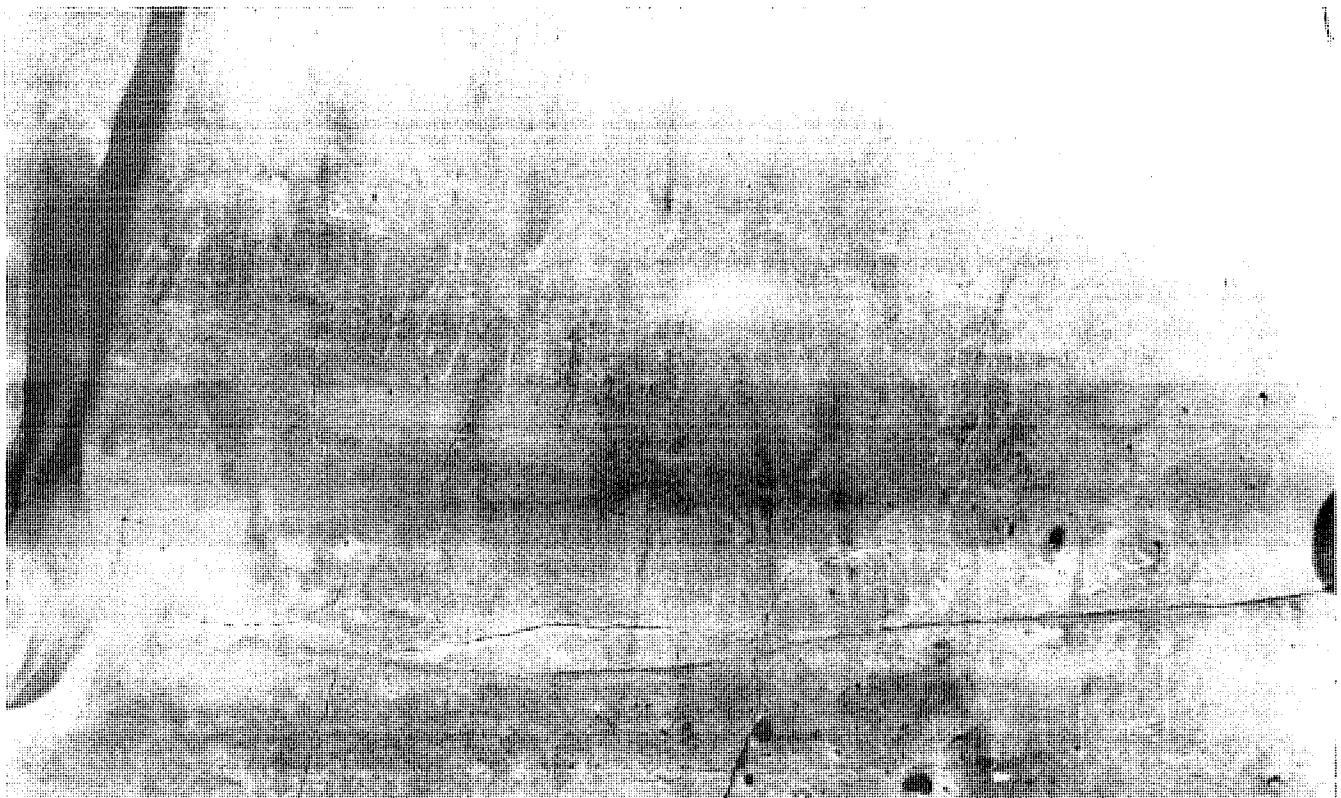
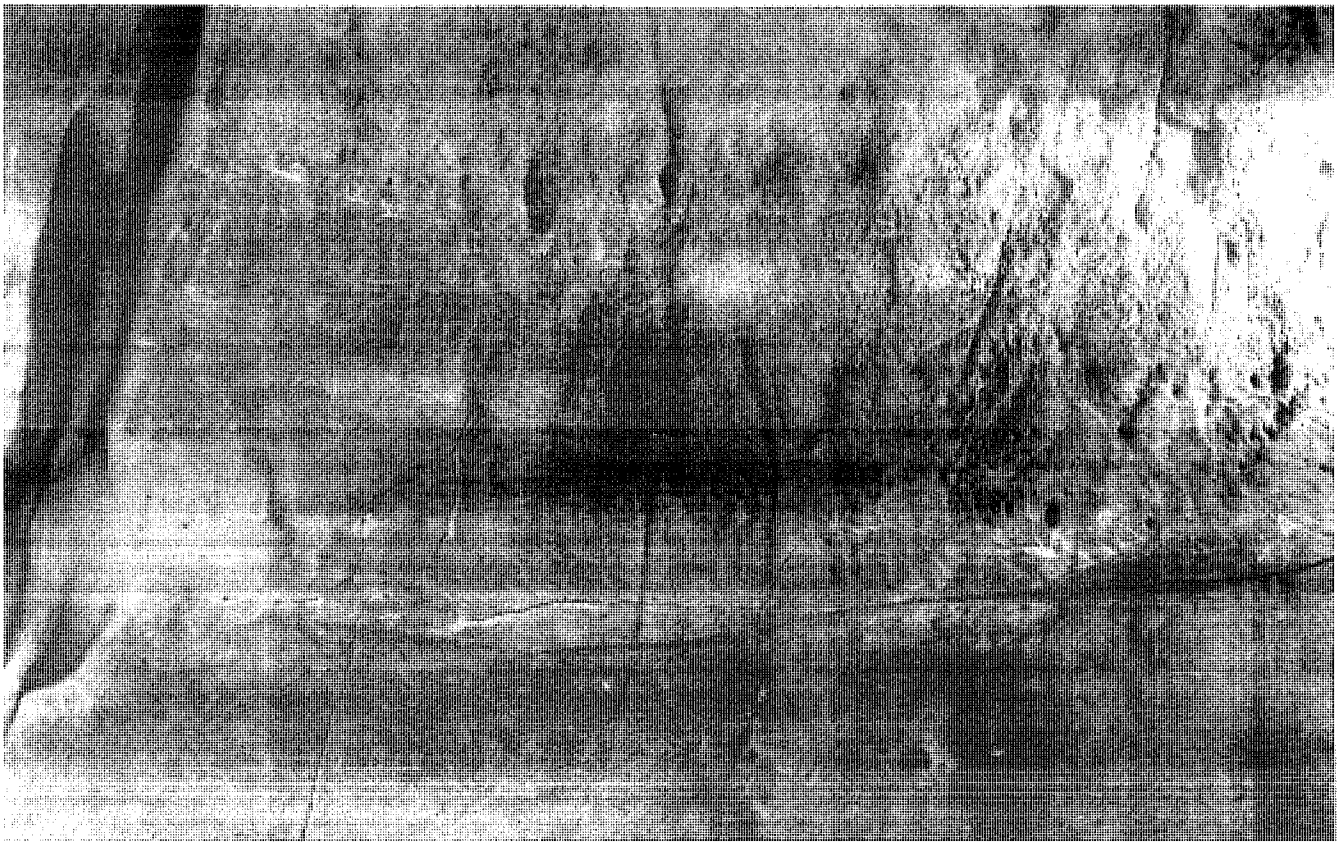
Panel in Craven Canyon using full-spectrum (left) and near-IR imaging.



Detail of panel in southern Black Hills using full-spectrum (left) and near-IR imaging.



Panel from Craven Canyon without (top) and with (bottom) desorption stretching image manipulation.



Reflection transference imaging is best demonstrated on a computer to show the unlimited range of light simulations, but these images show how different types of rock (pecked versus lightly incised) show up better under different light angles. Southern Black Hills.

Curriculum Vitae

LINEA SUNDSTROM

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Education

Ph.D., Anthropology (with honors), 1989, University of Kansas, Lawrence
M.Phil., Anthropology (with honors), 1988, University of Kansas, Lawrence
M.A., Anthropology (with honors), 1987, University of Kansas, Lawrence
B.A., American Studies (with honors), 1979, University of Washington, Seattle
B.A., Anthropology (with honors), 1979, University of Washington, Seattle

Research Specialties

Great Plains archaeology and ethnology
Rock art

Ethnohistory and ethnogeography
Sacred sites

Current Position

Private consultant in archaeology, historic resource management, and ethnohistory, 1991-present

Professional Experience

Analysis and reports on cultural resource management projects; preparation of historical, archaeological, and ethnohistorical overviews; directing cultural resource management and volunteer archaeology projects; preparing National Register of Historic Places nominations of historic and archaeological properties; directing research projects on rock art, archaeology, and sacred sites; consultant to university research programs and state and federal agencies, 1991-present.

Academic advising, College of Liberal Arts and Sciences, University of Kansas, graduate assistant, 1985-90.

Assistant teaching, Anthropology Department, University of Kansas, graduate assistant, 1987-88.

Analysis of archaeological data from the Great Plains, University of Kansas Museum of Anthropology, research assistant, 1982-85.

Curation and cataloging of historic documents, University of Kansas Spencer Research Library, research assistant, 1984.

Archaeological excavation in Missouri and Colorado, National Park Service, crew supervisor, 1984.

Curation of archaeological collections, University of Kansas Museum of Anthropology, curatorial assistant, 1982-84.

Archaeological survey and excavation, managing state archaeological archives and collections, archival research, South Dakota Archaeological Research Center, project director, collections manager, and archivist, 1980-82.

Survey and National Register nomination of prehistoric rock art in the southern Black Hills, South Dakota and Wyoming, Historic Preservation grant, project director, 1980.

Archaeological research in South Dakota, Wyoming, Montana, and Nebraska, Anthro Research, Inc., and Black Hills National Forest, surveyor/crew supervisor, 1978-79.

Archaeological research in Washington, University of Washington, crew member, 1976-77.

Awards

Klaus Wellmann Award for distinguished service in the field of rock art research, conservation, and education, 2015

Herbert W. Blakely Award for History, 2005

Robert F. Heizer Award for Ethnohistory, 2003

Frederick C. Luebke Award for Great Plains Studies, 1998, 2009

Certificate of Recognition, South Dakota Historical Society, 1992

Dissertation selected for published series of outstanding doctoral dissertations on North American Indians, 1989

University of Kansas Dissertation Fellowship, 1988-89

Phi Kappa Phi, 1988

University of Washington Honors Program, 1975-1979

Phi Beta Kappa, 1979

May F. Cosno Scholarship, 1978

Mortar Board, 1978

Black Hills Press Association Scholarship, 1977

National Collegiate Honors Council Washington Semester, 1976

University of Washington high scholarship award, 1975

Shirley Coe Hanson Scholarship, 1974

Professional Service

Board of Directors, Plains Anthropological Society, 1993-1995; 1999-2001

Chair, Conservation Committee, American Rock Art Research Association, 2009-present

Editor, *Plains Anthropologist*, 1998-2001

Co-curator, on-line exhibit on Lakota winter counts, Buechel Memorial Lakota Museum, 2004

Publication Awards Committee, American Society for Ethnohistory, 2008-2010

Chair, Rock Art Interest Group, Society for American Archaeology, 2008-2019

Theses

Rock Art of the Southern Black Hills: A Contextual Approach, Ph.D. Dissertation, University of Kansas, 1989.

The Archaeology of Homestead Sites in the Trans-Mississippi West, Senior Thesis, University of Washington, 1979.

Books and Monographs

Voice of the Eagle Woman: The Black Hills in Native American Mythology, Buffalo Bean Books, 2022.

Spirit Tracks: The Material Culture of Ludlow Cave (39HN1), Custer National Forest, Harding County, South Dakota, South Dakota State Historical Society, Archaeological Research Center, Special Publication in Archaeology 3, 2019.

The Blaine Site: A Multiple Component Camp in the Red Valley of the Black Hills, South Dakota State Historical Society, Archaeological Research Center, Research Report 2, 2006.

Storied Stone: Rock Art of the Black Hills Country, University of Oklahoma Press, 2004.

Mountain Meadow Sites in the Northern Black Hills, South Dakota State Historical Society, Archaeological Research Center, Research Report 1, 2003.

Fragile Heritage: Prehistoric Rock Art of South Dakota, South Dakota Historical Preservation Center, 1993.

Rock Art of the Southern Black Hills: A Contextual Approach, Garland Publishing, New York, 1990.

Culture History of the Black Hills, Reprints in Anthropology 40, J&L Reprint, Lincoln, NE, 1989.

Rock Art of Western South Dakota, (with James D. Keyser), South Dakota Archaeological Society, Special Publications, No. 9, 1984.

Rock Art of the Southern Black Hills, South Dakota State University Publications in Anthropology, No. 2, 1981.

Edited Volumes

Enduring Motives: The Archaeology of Tradition and Religion in Native America, (co-editor with Warren DeBoer), University of Alabama Press, 2012.

Native Americans and Historic Preservation, 1990-1993, (co-editor with Kimball M. Banks), Plains Anthropologist Memoir 31, 1999.

Articles and Book Chapters

"Recognizing Women's Menstruation, Childbirth, and Prayer Sites in the Great Plains," *American Antiquity*, in preparation.

"Toward Decolonizing North American Rock Art Research: It Takes a Revolution" (with Emily Van Alst), *World Archaeology*, in press, 2025.

"Uncloaking Non-Male Agency in Rock Art Production and Use" (with Kelley Hays-Gilpin), *Routledge Handbook of Gender Archaeology*, edited by Marianne Moen and Unn Pedersen, pp. 146-160. Routledge, London, 2025.

"Gender Bias in Popular and Educational Depictions of Rock Art Production." *La Pintura*, 50 (1):5-7, 2024.

"When Charcoal Was Hung': The Story Behind the Hanging Scene Petroglyph at Writing-on-Stone," with James D. Keyser and David A. Kaiser, *Plains Anthropologist* 68: 229-246, 2024.

"Don't Fence Them In: Comment on 'Perishable Artifacts from Last Canyon Cave, Montana'," *Plains Anthropologist* 67:194-196, 2023.

"Riding to the Rescue: An Addition to the Plains Biographic Rock Art Lexicon" (with Michael P. Jordan and Timothy P. McCleary), *Plains Anthropologist* 67:172-193, 2023.

"Where's the Mutton? Reply to Francis et al." (with Danny N. Walker), *American Antiquity* 87:523-626, 2022.

"Heart of the Earth: A 1940s Lakota Map of Black Hills Sacred Sites," *Great Plains Quarterly* 41:195-223, 2021.

- "A Possible Map Petroglyph from Kansas," *Calafia, the Journal of the California Map Society*, May 2022 issue, pp. 30-32.
- "Cowboys of Science versus Indigenous Rock Art," *La Pintura* 47(4):13-14, 2022.
- "The Sheep Mountain Animal Net Revisited" (with Danny N. Walker), *American Antiquity* 86:833-844, 2021.
- "Ambrose Bierce's Indian Inscriptions Pictographic Records of Indian-White Conflict along the Bozeman Trail" (with James D. Keyser), *Plains Anthropologist* 65:150-173, 2020.
- "The Role of Naturalistic Animals in the Dinwoody Rock Art Tradition," in *Dinwoody Dissected: Looking at the Interrelationships between Central Wyoming Petroglyphs*, edited by Danny N. Walker, Wyoming Archaeological Society, Laramie, pp. 35-58, 2019.
- "Dinwoody Tradition Rock Art as We Know It," (with Michael Bies), in *Dinwoody Dissected: Looking at the Interrelationships between Central Wyoming Petroglyphs*, edited by Danny N. Walker, Wyoming Archaeological Society, Laramie, pp. 77-106, 2019.
- "Coup Counts and Corn Caches: Contact-Era Plains Indian Accounts of Warfare," in *Archaeological Perspectives on Warfare on the Great Plains*, edited by Andrew Clark and Douglas Bamforth, University Press of Colorado, Louisville, pp. 120-141, 2018.
- "The Elk Dreamer Site: Change and Continuity in Northern Plains Rock Art," (with James D. Keyser), *American Indian Rock Art* 41:127-146, 2015.
- "The Art of Transformation: Elk Dreamer Society Rock Art from the Northern Great Plains," *American Indian Rock Art* 41:147-165, 2015.
- "The Meaning of Scalping in Native North America," pp. 249-261 in *Transforming the Dead: Culturally Modified Bone in the Prehistoric Midwest*, edited by Eve Hargrave and Shirley Shermer, University of Alabama Press, Tuscaloosa, 2015.
- "North American Mississippian Area and the Great Plains," (with Timothy Pauketat), *Cambridge Handbook of Prehistory*, edited by Colin Renfrew and Paul Bahn, Cambridge University Press, Cambridge, England, 2013.
- "Un-Tranced: Musings on Shamanism, Neuropsychology, and Rock Art," *Time and Mind* 5(3):247-264, 2013.
- "Will the Circle Be Unbroken: The Roots of Plains Indian Views of the Cosmos," pp. 60-83, in *Enduring Motives: The Archaeology of Tradition and Religion in Native America*, edited by Linea Sundstrom and Warren DeBoer, University of Alabama Press, 2012.
- "Rock Art *in Situ*: Context and Content as Keys to Meaning," pp. 325-340, in *A Companion to Rock Art*, edited by Jo MacDonald and Peter Veth, Blackwell Publishing, London, 2012.
- "Rock Art: Issues in Identification, Characterization, Interpretation, and Management," (with Kelley Hays-Gilpin), pp. 351-369, in *A Companion to Cultural Resource Management*, edited by Thomas F. King, Wiley-Blackwell, Hoboken, NJ, 2011.
- "Coils of Meaning: Women, the Below World, Pottery, Corn, and Snakes in the Northern Plains," *Que(e)rying Archaeology*, Proceedings of the 2004 Chacmool Conference, Chacmool Archaeological Association, Calgary, Alberta, Canada, 2009.
- "Buffalo Gals: Images of Women in Northern Great Plains Rock Art," *American Indian Rock Art* 34:167-179, 2008.

- "The Pageant of Paha Sapa: Gender and Racial Roles in an Origin Myth of White Settlement in the American West," *Great Plains Quarterly*, 28(1):3-26, 2008.
- "A Late Eighteenth Century Date for the 'Punished Woman' Boulder Effigy," *Newsletter of the South Dakota Archaeological Society*, 37(2):1-4, 2007.
- "Infrared Photography of Painted Rock Art," (with Glen Fredlund), *Antiquity*, 81:733-742, 2007.
- "Reading Between the Lines: Problems in Applying Ethnographic Data in Rock Art Analysis," in *Talking with the Past: The Ethnography of Rock Art*, edited by James D. Keyser, George Poetschat, and Michael W. Taylor, Oregon Archaeological Society Publication 16, 2006.
- "Women in War: Gender in Plains Biographic Rock Art," (with James D. Keyser and George Poetschat), *Plains Anthropologist* 51:51-70, 2006.
- "Ageing Rock Idols," *Newsletter of the South Dakota Archaeological Society* 34(2):1-3, 2005.
- "Paleoenvironmental Implications of Pack Rat Midden Deposits from the Ice Cave," (with Glen Fredlund), *Island in the Plains: Current Research in the Black Hills*, Volume 2, edited by Alice M. Tratebas, 2003.
- "Sacred Islands: An Exploration of Religion and Landscape in the Great Plains," *Islands in the Plains: Ecological, Social, and Ritual Use of Landscapes*, edited by Marcel Kornfeld and Alan Osborn, pp. 258-300, University of Utah Press, 2003.
- "Prayers in Stone: Hoofprint-Vulva-Groove Rock Art in the Context of Northern Plains Indian Religion," pp. 1-26 in *Rock Art and Cultural Process*, edited by Solveig Turpin, The Rock Art Foundation, Special Publication 3, 2002.
- "Steel Awls for Stone Age Plainswomen: Rock Art, Religion, and the Hide Trade on the Northern Plains," *Plains Anthropologist*, 47:99-119, 2002.
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"A Bibliography of Northwestern Plains Rock Art," *Archaeology in Montana* 24:107-142, 1983.

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Book Reviews

Review of *Crow Indian Rock Art: Indigenous Perspectives and Interpretations*, by Timothy P. McCleary, *Plains Anthropologist* 61:279-281, 2016.

Review of *Fraternity of War: Plains Indian Rock Art at Bear Gulch and Atherton Canyon, Montana*, by James D. Keyser, David A. Kaiser, George Poetschat, and Michael W. Taylor, *La Pintura* 39(1):10-11, 2012.

Review of *Tipi: Heritage of the Great Plains*, edited by Nancy Rosoff and Susan Kennedy Zeller, *Museum Anthropology Review*, 6(1):73-75, 2012.

Review of *Thunder and Herds: Rock Art of the High Plains*, by Lawrence L. Loendorf, *Great Plains Research* 20:141, 2010.

Review of *The Year the Stars Fell: Lakota Winter Counts at the Smithsonian*, edited by Candace S. Greene and Russell L. Thornton, *Plains Anthropologist* 53:369-370, 2008.

Review of *Discovering North American Rock Art*, edited by Lawrence L. Loendorf, Christopher Chippindale, and David S. Whitley, *Great Plains Research* 16:206, 2006.

Review of *Art of the Warriors: Rock Art of the American Plains* and *The Five Crows Ledger: Biographic Warrior Art of the Flathead Indians*, both by James D. Keyser, *Plains Anthropologist* 50:330-332, 2005.

Review of *The People of the Buffalo, Volume 1, The Plains Indians of North America, Military Art, Warfare, and Change: Essays in Honor of John C. Ewers*, coordinated and edited by Colin F. Taylor and Hugh A. Dempsey, *Plains Anthropologist* 50:194-195, 2005.

Review of *One Vast Winter Count: The Native American West before Lewis and Clark*, by Colin G. Calloway, *Plains Anthropologist* 50:83-84, 2005.

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Review of *Archaeology and Rock Art of the Piney Creek Ravine, Jackson and Randolph Counties, Illinois*, by Mark J. Wagner, and *Deep Cave Rock Art in the Upper Mississippi Valley*, by Robert F. Boszhardt, *Illinois Archaeology*, Fall 2003.

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Encyclopedia Entries

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"North American Great Plains," *The Oxford Companion to Archaeology*, second edition, Oxford University Press, New York, 2011.

"Lakota Shamanism," *Encyclopedia of Shamanism*, edited by Mariko Walter and Eva Fridman, ABC-CLIO, Santa Barbara, CA, 2006.

"Petrographs and Petroglyphs in American Indian Religious and Spiritual Traditions," *American Indian Religious Traditions: An Encyclopedia*, edited by Suzanne J. Crawford, ABC-CLIO Press, Santa Barbara, CA, 2006."

Presented Papers and Lectures

"Untangling the Roots of Bias: Western versus Native American Thought-Ways in Rock Imagery Research," invited paper, Society for American Archaeology Conference, Denver, April 2025.

"Suds, Duds, and Mud: The Mysteries of Laundress Life at Fort Meade," invited lecture, South Dakota Historical Society Conference, Deadwood, SD, May 2025.

"Laundry List: Assessing the Lives of Laundresses at a Frontier Cavalry Post," presented paper, Plains Anthropological Conference, Rapid City, October 2023.

"Understanding Plains and Rockies Indigenous Pictographic Communication Systems," invited paper, Plains Anthropological Conference, Rapid City, October 2023.

"Union Maids: Women's Labor Unions in the Northern Black Hills, 1878 to 1910," presented paper, West River History Conference, Lead, South Dakota, October 2023.

"Rethinking Rock Art: Reforming Settler-Colonialist Perspectives in Research," International Federation of Rock Art Organizations, online, May 2023.

"A Girl Can Dream: Recognizing Women's Vision Quest Sites in the Great Plains," American Rock Art Research Association Conference, Tucson, Arizona, March 2023.

"Deer, Dogs, Darts, and Nets: What Early Archaic Rock Art Can Tell Us that Dirt Archaeology Can't," Wyoming Association of Professional Archaeologists, online, February 2023.

"Secrets of Soapsuds Row: Results of Exploratory Archaeological Excavation of Laundress Housing at Fort Meade," West River History Conference, Custer State Park, SD, October 2022.

"Tracking Bead-Spitter: Rock Art, Persistence of Belief, and a Journey of 1700 Miles," American Rock Art Research Association Conference, online, June 2022.

"Hero Twins and Morning Star: The Night Sky in the Iconography of Ritualized Warfare from Mexico to Montana," Society for American Archaeology Conference, Chicago, April 2022.

"Invisible Women, Cave Men, and M&Ms: Finding the Hidden Half in Rock Art," online lecture, American Rock Art Research Association, May 2022.

"Blind Man's Bluff: Moths, Mammoths, and Cognitive Dissonance in Rock Art Research," Colorado Rock Art Association Conference, virtual, November 2021.

"Lame Bull Speaks: The Lukin Ledger and Pikuni Blackfoot History," Society for American Archaeology Conference, virtual, April 2021.

"Recording and Interpreting Rock Art as and with Volunteers" with Michael T. Bies, Society for American Archaeology Conference, virtual, April 2021.

"Invisible Ink: D-Stretch, Infrared Photography, Reflectance Transformation Imaging, and Seeing What Was There Right Along," keynote address, South Dakota Archaeological Society Annual Meeting, Rapid City, SD, September 2019.

"Ambrose Bierce's Indian Inscriptions Pictographic Records of Indian-White Conflict along the Bozeman Trail" (with James D. Keyser), invited paper, Society for American Archaeology Conference, Albuquerque, April 2019.

"Polychrome Perplexities: The Painted Rock Art of the Southern Black Hills," invited paper, Society for American Archaeology Conference, Albuquerque, April 2019.

"Communal, Contested, Coveted, Consecrated: 8000 Years of Human Interaction with the Black Hills," Keynote, South Dakota Historical Society Conference, Rapid City, April 2018.

"Wind River to Oaxaca: A Uto-Aztecan Macrotradition Expressed in Western Wyoming Rock Art," Plains Anthropological Conference, Bismarck, ND, October 2017.

"Catching Deer in Nets: A Shoshonean Hunting Method on the Northwestern Plains," Plains Anthropological Conference, Lincoln, NE, October 2016.

"A Mammoth Mistake: Datura Moth Imagery at the Bluff Petroglyph Site, Utah," invited paper, Society for American Archaeology Conference, Austin, April 2014.

"The Heart of Everything: A 1940s Lakota Map of Black Hills Sacred Sites," invited paper, Plains Anthropological Conference, Loveland, CO, October 2013.

"James Twiss in Two Worlds: A Lakota Scout's Shirt," invited paper, Plains Anthropological Conference, Loveland, CO, October 2013.

"Change of Venue: The Importance of Landscape Reconstruction in Contextual Analysis of Rock art," invited paper, International Federation of Rock Art Organizations Conference, Albuquerque, May 2013.

"Getting the Big Picture: The Role of Rock Art in Archaeological Research," public lecture, Wisconsin Archaeological Society, Madison, WI, March 2011.

"Unsolved Mysteries: Ten Things We Don't Know about the History of People, Plants, and Animals in the Black Hills and How We Can Find Out," keynote address, Island in the Plains Conference, Spearfish, SD, October 2010.

"Sacred Mountains, Mountains of Gold: Indigenous versus Euroamerican Views of the Black Hills," invited paper, Western History Association, Lake Tahoe, October 2010.

"Fur Traders, Miners, Missionaries, Boarding School, and Relocation: How My Family Lost Its Ethnic Identity and How I Rediscovered It," West River History Conference, Rapid City, SD, September 2010.

"Writing on the Wall: Archaeology of the Gap, Rapid City, South Dakota," public lecture, Journey Museum, Rapid City, SD, September 2010.

"Coup Counts and Corn Caches: Contact-Era Plains Indian Accounts of Warfare," invited paper, Society for American Archaeology, St. Louis, April 2010.

"The Shaman's New Clothes: The Limits of Neuroscience as an Interpretive Model for Rock Art," invited paper, Society for American Archaeology, St. Louis, April 2010.

"One Year at a Time: Plains Indian Winter Counts and Archaeology," public lecture, Wisconsin Archaeological Society, Milwaukee, December 2009.

"Four Techniques for Digital Recording and Modeling of Rock Art," (with Glen Fredlund), poster presentation, Cultural Heritage and New Technologies Conference, Vienna, Austria, November 2009.

"Inspiring Places: The Archaeology of Women's Shrines in the Northern Great Plains," public lecture, University of Wisconsin-Stevens Point, May 2009.

"Grandmother's Album: What Rock Art Can Tell Us about Ancient Plainswomen," invited paper, Legend Rock Petroglyph Site Symposium, Cody, WY, April 2009.

"Good Medicine: Gender and Two Northwestern Plains Rock Art Sites," invited paper, Plains Anthropological Conference, Laramie, WY, October 2008.

"Rock Art of the Hulett South Slide, 48CK1544," (with Julie Francis), invited paper, Plains Anthropological Conference, Laramie, WY, October 2008.

"Oral History in Service to Cultural Resource Management: The Slim Buttes Project," public lecture, South Dakota Archaeological Society, Rapid City, SD, September 2008.

"Before Mount Rushmore: Rock Art and Meaning in Western South Dakota," keynote address, Colorado Rock Art Association Conference, La Junta, May 2008.

"Digging Ditch Creek: A PIT Project in the Central Black Hills," Island in the Plains Archaeological and Historical Symposium, Sundance, WY, May 2008.

Symposium Discussant, "Dark Origins and Bright Futures: Speleocentric Approaches to the Archaeology of Caves in North America," Society for American Archaeology Conference, Vancouver, Canada, April 2008.

"Seeing in the Dark: Using Ethnography to Understand Cave Sites in the Black Hills and Northwestern Plains," invited paper, Plains Anthropological Conference, Rapid City, SD, October 2007.

"Buffalo Gals: Images of Women in Northern Great Plains Rock Art," American Indian Rock Art Research Association Conference, Billings, MT, July 2007.

"Toward an Understanding of Northern Plains Cave Shrines," invited paper, Society for American Archaeology Conference, Austin, April 2007.

"The Dirt on Holocene Terraces in the Southern Black Hills," (with Glen Fredlund), Island in the Plains Symposium, Spearfish, SD, May 2007.

"Digital Infrared Imaging of Black Pigmented Rock Art," (with Glen Fredlund), invited paper, Plains Anthropological Conference, Topeka, KS, November 2006.

"Picturing the Past: Black Hills History through Petroglyphs," public lecture, Journey Museum, Rapid City, SD, September 2006.

"Will the Circle Be Unbroken?: The Roots of Plains Indian Views of the Cosmos," invited paper, Society for American Archaeology Conference, San Juan, Puerto Rico, April 2006.

"Rock Art and the Archaeology of the Black Hills and Cave Hills," public lecture, Adams Museum, Deadwood, SD, March 2006.

"Every Picture Tells a Story: Rock Art and the Archaeology of the Black Hills and Northern Great Plains," public lecture, Archaeological Institute of America, Milwaukee Chapter, December 2005.

"Rock Art and Archaeology in the Northern Great Plains," public lecture, Logan Museum of Anthropology, Beloit, Wisconsin, November 2005.

"An Indian Paradise: Continuity and Change in Perceptions of the Black Hills," invited paper, Plains Indian Seminar, Buffalo Bill Historical Center, Cody, WY, September 2005.

"The Good, the Bad, and the Ugly: Trade, War, and Epidemics in the Contact-Era as Expressed in Plains Indian Winter Counts," public lecture, Lewis and Clark Diplomacy Symposium, Council Bluffs, IA, April 2005.

"The Unchanging Black Hills: An Analysis of Indigenous Sacred Places," invited paper, Dakota Conference, Sioux Falls, SD, April 2005.

"Coils of Meaning: Women, the Below World, and Pottery in the Northern Plains," Chacmool Conference, Calgary, November 2004, and Island in the Plains Conference, Spearfish, SD, April 2005.

"The Role of Lakota Winter Counts in Contact-Era Resistance Activities," invited paper, American Society for Ethnohistory Conference, Chicago, October 2004.

"Shedding Light on the Status Quo: New Discoveries at Old Rock Art Sites," invited paper, Plains Anthropological Conference, Billings, MT, October 2004.

"Rock Art, Artifacts, Caves, and Northern Plains Indian Religion," invited paper, Plains Anthropological Conference, Billings, MT, October 2004.

"Women in War: Gender in Plains Biographic Rock Art" (with James D. Keyser and George Poetschat), invited paper, International Symposium on the Gender of Rock Art, Foix, France, August 2004.

"Smallpox, Winter Counts, and Archaeology," public lecture, Iowa State Historical Society, Council Bluffs, IA, October 2003.

"Reading Between the Lines: Ethnographic Sources and Rock Art Interpretation," invited paper, International Symposium on the Ethnography of World Rock Art, Portland, OR, September 2002.

"Effects of Wildfire on Archaeological Resources in the South Dakota Black Hills," poster paper, Plains Anthropological Conference, Lincoln, NE, October 2001, and Islands in the Plains Conference, Spearfish, SD, April 2002.

"Rock Art, Women, Dakota Religion, and the Hide Trade," invited paper, Society for American Archaeology Conference, New Orleans, April 2001.

"Cold Days in Hell (Canyon): Winter Camps in the Southwestern Black Hills," poster paper, Island in the Plains Conference, Rapid City, SD, February 2001.

"Blind Encounters: Archaeologists and Sacred Sites in the Northern Plains," invited paper, Plains Anthropological Conference, St. Paul, November 2000.

"Sacred Caves in the Northern Plains," invited paper, Plains Indian Seminar, Cody, WY, September 2000.

"A Lakota or Cheyenne Animal Dance in North Cave Hills Rock Art," invited paper, Plains Anthropological Conference, Sioux Falls, SD, October 1999.

"Rock Art and Meaning: Clues from the Ethnographic Record," public lecture and student colloquium, Jeffers Petroglyphs State Historic Site, July 1999, sponsored by the Minnesota Historical Society.

"Rock Art Studies and the Direct Ethnographic Approach: Case Studies from the Black Hills Country," invited paper, International Rock Art Conference, Ripon, WI, May 1999.

"Rock Art: It's Not Just for T-shirts Anymore," invited colloquium, Departments of Anthropology and Indian Studies, University of Iowa, Iowa City, December 1998.

"Gender and Rock Art in Western South Dakota," invited paper, Plains Anthropological Conference, Bismarck, ND, 1998.

"Sacred Sites and Archaeology: The View from Ludlow Cave, Spirit Cave, and Medicine Creek Cave," invited lecture, Wisconsin Archaeological Society, Milwaukee, 1997.

"Catfish, Black Bears, Bison, Birth, and Power: North Cave Hills Rock Art in the Context of Mandan and Hidatsa Religious Tradition," Plains Anthropological Conference, Boulder, CO, 1997.

"Rock Art to Rand McNally: Historic Indian Maps from the Great Plains," Plains Anthropological Conference, Boulder, CO, 1997.

"Picturing Place: Northern Plains Indian Maps," invited paper, Plains Indian Seminar, Buffalo Bill Historical Center, Cody, WY, 1997.

"The Picture is the Text: An Exploration of Plains Indian Pictographic Documents," invited paper, American Society for Ethnohistory Conference, Portland, OR, 1996.

"Sacred Islands: An Exploration of Religion and Landscape in the Great Plains," (with Ben Rhodd), invited paper, Plains Anthropological Conference, Iowa City, 1996.

"Places of Wonder: The Black Hills in Native American Mythology," public lecture, Native American Educational Cultural Center, Crazy Horse Monument, SD, 1996.

"Map of Heaven: Sacred Geography of the Black Hills," invited colloquium, University of Wisconsin-Milwaukee, 1996.

"Plains Indian Shield Designs as Ethnic Markers," poster paper, Society for American Archaeology Conference, New Orleans, 1996.

"Buffalo-Home Butte: The Material Culture of Ludlow Cave," Plains Anthropological Conference, Laramie, WY, 1995.

"Buffalo Women: Changing Contexts of a Siouan Rock Art Tradition," invited paper, Society for American Archaeology Conference, Minneapolis, 1995.

"Every Picture Tells a Story: Rock Art and Human Life in the Black Hills," keynote address, Island in the Plains Conference, Lead, SD, 1994.

"Peaks and Valleys: Radiocarbon Dates from the Black Hills," Island in the Plains Conference, Lead, SD, 1994.

"Preliminary Geoarchaeological Investigations in the Red Valley, Wind Cave National Park," (with Glen Fredlund), Island in the Plains Conference, Lead, SD, 1994.

"Rock Art Site Management and Native Americans: A View from South Dakota," invited paper, Plains Anthropological Conference, Saskatoon, 1993.

"Not Just for T-Shirts Anymore: Rock Art as Archaeological Data," invited paper, Island in the Plains Conference, Spearfish, SD, 1992.

"Preliminary Investigations of Pack Rat Midden Deposits within the Ice Cave (39PN376)," (with Glen Fredlund), invited paper, Island in the Plains Conference, Spearfish, SD, 1992.

"The Refuge That Wasn't: Altithermal Subsistence and Settlement in the Black Hills," invited paper, Plains Anthropological Conference, Lincoln, NE, 1992.

"A Visual Notation System in a Northwestern Plains Rock Art Style," invited paper, Plains Anthropological Conference, Denver, 1986.

"Archaic Hunting Practices Depicted in a Northwestern Plains Rock Art Style," poster paper, Society for American Archaeology Conference, New Orleans, 1985.

"A Rock Art Sequence for the Northwestern Plains: Structure and Cultural Context," invited paper, Canadian Rock Art Research Associates Conference, Peterborough, Ontario, 1984.

"The Cross and the Turtle: Lakota Rock Paintings on the Northwestern Plains," invited paper, Native American Art History Conference, Ames, IA 1982.

"A Rock Art Chronology for the Southern Black Hills," invited paper, Plains Anthropological Conference, Iowa City, 1980.

On-line Publications

History in Pictures: Father Buechel and the Lakota Winter Counts,
(www.sfmission.org/museum/exhibits/wintercounts).

The Chandler-Pohrt Winter Count: Interpretation of Pictographs, 2004,
(www.sfmission.org/museum/exhibits/wintercounts).

Translation of Two Winter Counts from the St. Alphonsus Chapel Journal Ledger, Oglala Lakota College Archives, 2003, (www.sfmission.org/museum/exhibits/wintercounts).

Translation of Ring Bull Winter Count from Buechel Memorial Lakota Museum Archives, St. Francis Mission, 2003, (www.sfmission.org/museum/exhibits/wintercounts).

The Thin Elk/Steamboat Winter Count: A Study in Lakota Pictography, 2004, (www.sfmission.org/museum/exhibits/wintercounts).

Museum Exhibit Materials

The Angostura Story, slide show for visitor center, Bureau of Reclamation, Billings, Montana.

A Grand Enterprise: The Making of Shadepill Dam, 1949-1950, slide show for visitor center, Bureau of Reclamation, Billings, Montana.

Reports

Exploratory Investigations at Soapsuds Row, 2023 Field Season, Old Fort Meade Military Reservation, Meade County, South Dakota, Bear Butte Creek Historic Preservation Council and Deadwood Historic Preservation, 2023.

Exploratory Investigations at Soapsuds Row, Old Fort Meade Military Reservation, Meade County, South Dakota (with Cher Burgess), Bear Butte Creek Historic Preservation Council and Deadwood Historic Preservation, 2023.

Preliminary Investigation of the Drew Ranger Station Site, 39CU2939, on BLM Land near the Lauzon School, Western Custer County, South Dakota, Bureau of Land Management, Belle Fourche, South Dakota, 2022.

Weston County Small Rock Art Sites, Weston County Certified Local Government, Newcastle, Wyoming, 2021.

Ethnogeographic Gazetteer of the Northern Great Plains (Updates), Custer National Forest, 2020.

Oil Creek Petroglyphs Survey: Site Recording and Analysis of Fire Effects at an Archaeological Site Complex in Weston County, Wyoming, West County Certified Local Government, Newcastle, Wyoming, 2019.

"A Land Where Life is Written in Water": History of the Angostura Irrigation Project, Bureau of Reclamation, Billings, Montana, 2019.

Construction History of the Belle Fourche Irrigation Project, Butte and Meade Counties, South Dakota, Bureau of Reclamation, Billings, Montana, 2019.

South Dakota State Plan for Archaeological Resources, South Dakota State Historical Society, Pierre, 2019.

Ethnogeography of Harding County, South Dakota, Bureau of Reclamation, Western Dakotas Field Office, Belle Fourche, SD, 2016

Archaeological Reconnaissance of State Lands in Harding County, South Dakota, 2015 Field Season (with Michael Fosha), South Dakota Archaeological Research Center for South Dakota Historic Preservation Office, 2016.

The Big Ditch: History of the Belle Fourche Irrigation Project, Bureau of Reclamation, Billings, Montana, 2015.

Historic Context for Dinwoody Tradition Rock Art and National Register of Historic Places Nomination of Dinwoody Tradition Rock Art Sites (with Michael T. Bies), Bureau of Land Management, Worland, Wyoming, 2015.

Historical Land Use of the East Short Pines: Archeology and Oral History, Custer National Forest, Billings, Montana, 2015.

Spirit Tracks: The Material Culture of Ludlow Cave (39HN1), Custer National Forest, Harding County, South Dakota, Custer National Forest, Billings, MT, and South Dakota Archaeological Research Center, Rapid City, SD, 2014.

Cultural Resources Survey for Research Project on Effects of Flea Reduction Treatments on Small Mammals in Prairie Dog Communities at Wind Cave National Park, South Dakota, Wind Cave National Park, Hot Springs, SD, 2013.

Lady C Archeological Inventory, Windows on the Past Project, Hell Canyon Ranger District, Black Hills National Forest, South Dakota, Black Hills National Forest, Custer, SD, 2012.

Cultural Resource Survey for Fence Replacement near NPS Road 6, Wind Cave National Park, Hot Springs, SD, 2012.

Rock Art Survey in the Bearlodge Range, Bearlodge Ranger District, Black Hills National Forest, Wyoming: A Passport in Time Project, Black Hills National Forest, Custer, SD, 2011.

Archeological Survey along Road 6, Wind Cave National Park, Custer County, South Dakota, Wind Cave National Park, Hot Springs, SD, 2011.

Test Excavation at NPS Road 5 South Gate and Evaluation of Cattleguard, Wind Cave National Park Custer County, South Dakota, Wind Cave National Park, Hot Springs, SD, 2011.

Ekalaka Landscapes: A Passport in Time Project Sponsored by Custer National Forest, Billings, MT, 2011.

Elk Gates North: Cultural Resource Survey of Portions of the West Boundary Fence North of US Highway 385 in Wind Cave National Park, Custer County, South Dakota, Wind Cave National Park, Hot Springs, SD, 2010.

Three Small Cultural Resource Surveys in Wind Cave National Park, Custer County, SD, Wind Cave National Park, Hot Springs, SD, 2010.

Archaeological Investigations for Improvements at Elk Mountain Campground, Wind Cave National Park, South Dakota, Wind Cave National Park, Hot Springs, SD, 2009.

Archaeological Investigations in the Gap at Founders Park, Rapid City, South Dakota, (with Wini Michael), City of Rapid City and South Dakota Historic Preservation Office, 2009.

Heritage Resources Survey for Access to Waterline for the Elk Mountain Campground, Wind Cave National Park, Hot Springs, SD, 2008.

Community Stewardship of North Cave Hills Heritage Resources: Report on the 2008 Program, Custer National Forest, Billings, MT, 2008.

Archaeology and History of Slim Buttes, Custer National Forest, Harding County, South Dakota, Custer National Forest, Billings, MT, 2008.

South Dakota State Plan for Archaeological Resources: Part 1, West River and Central Missouri River, South Dakota Archaeological Research Center, Rapid City, SD, for Bureau of Land Management, Billings, MT, 2008.

Year 2007 Excavations at the Ditch Creek Site Complex, 39PN90, 39PN136, 39PN318, 39PN1173, and 39PN1444, Black Hills National Forest, Mystic Ranger District, Pennington County, South Dakota: *A Passport in Time Project*, (with Michael Fosha), Black Hills National Forest, Custer, SD, 2008.

Year 2006 Excavations at the Ditch Creek Site Complex, 39PN90, 39PN136, 39PN318 (39PN319), and 39PN1444, Black Hills National Forest, Mystic Ranger District, Pennington County, South Dakota: *A Passport in Time Project*, (with Michael Fosha), Black Hills National Forest, Custer, SD, 2007.

Community Stewardship of North Cave Hills Heritage Resources: Report on the 2006 Program, Custer National Forest, Billings, MT, 2006.

Southern Black Hills Prehistoric Rock Art Survey & Recording Project 2006: A Passport in Time Project Sponsored by Black Hills National Forest, Black Hills National Forest, Custer, SD, 2006.

Plan for Management of Petroglyph Sites, Missouri Division of State Parks, Jefferson City, MO, 2006.

Heritage Resources Survey for Bison Corral Improvements, Wind Cave National Park, Wind Cave National Park, Hot Springs, SD, 2006.

Boulder Effigy Sites in South Dakota: History, Description, and Evaluation, South Dakota Historical Preservation Office, Pierre, 2005.

Southern Black Hills Prehistoric Rock Art Survey and Recording Project 2005: A Passport in Time Project Sponsored by Black Hills National Forest, Black Hills National Forest, 2005.

Historic Inscriptions West of Chilson Station Along the Mickelson Trail, Fall River County, South Dakota, Day Star Research for South Dakota Historical Preservation Office, Pierre, 2005.

Archaeological Investigations at Three Sites in the Sioux Ranger District, Custer National Forest, Harding County, South Dakota: *A Passport in Time Project Sponsored by Custer National Forest*, Billings, Montana, Custer National Forest, 2005.

Craven Canyon Prehistoric Rock Art Survey and Recording Project 2004: A Passport in Time Project Sponsored by Black Hills National Forest, Black Hills National Forest, 2005.

Sioux District Rock Art Discovery and Monitoring: A Passport in Time Project Sponsored by Custer National Forest, Custer National Forest, 2004.

North Cave Hills Rock Art Site Monitoring 2003: A Passport in Time Project Sponsored by Custer National Forest, Custer National Forest, 2003.

Archaeology of the Cave Hills, Slim Buttes, and Short Pine Hills, Sioux Ranger District, Custer National Forest, Harding County, South Dakota, Foster-Wheeler Environmental Services for Custer National Forest, 2002.

Ethnography of the Cave Hills, Slim Buttes, Short Pine Hills, and Vicinity, Sioux Ranger District, Custer National Forest, Harding County, South Dakota, Foster-Wheeler Environmental Services for Custer National Forest, 2002.

Management Plan for the Craven Canyon Rock Art District, Hell Canyon Ranger District, Black Hills National Forest, Custer, South Dakota, National Park Service and Black Hills National Forest, 2002.

Effects of Wildfire and Fire Suppression on Cultural Resources, Flagpole/Chilson Fire Complex, Hell Canyon Ranger District, Black Hills National Forest, Custer, SD, South Dakota State Historic Preservation Office and Black Hills National Forest, 2002.

Hulett South Site, 48CK1544 (with Linda Olson and Larry Loendorf), Loendorf and Associates for Wyoming Department of Transportation, 2001.

Ludlow Cave Archeological and Traditional Use District, Custer National Forest, Harding County, South Dakota, National Register of Historic Places Multiple Properties Nomination, Custer National Forest, 2001.

North Cave Hills Rock Art Survey 2001: A Passport in Time Project Sponsored by Custer National Forest, Custer National Forest, 2001.

North Cave Hills Rock Art Survey 1999: A Passport in Time Project Sponsored by Custer National Forest, Custer National Forest, 1999.

Living on the Edge: Archaeological and Geomorphological Investigations in the Vicinity of Tepee and Hell Canyons, Western Custer County, South Dakota, South Dakota Historic Preservation Office, 1999.

North Cave Hills Archaeological Survey 1998: A Passport in Time Project Sponsored by Custer National Forest, Custer National Forest, 1998.

North Cave Hills Rock Art Survey 1997: A Passport in Time Project Sponsored by Custer National Forest, Custer National Forest, 1997.

Ethnogeographic Gazetteer of the Northern Great Plains, Custer National Forest, 1997.

Distribution of Archeological and Paleontological Sites in Slim Buttes Unit, Custer National Forest, Harding County, South Dakota, South Dakota Archaeological Research Center, 1996.

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