



Bobi J Hill Deere, RPA #17367

EDUCATION

Anticipated PhD, Anthropology,
University of Oklahoma, 2026

MA, Anthropology, University of
Tulsa, 2017

MA, Education, University of Tulsa,
2000

BA, Anthropology and Sociology
(double), University of Tulsa, 1996

PROFESSIONAL ACTIVITIES AND TRAINING

OKPAN, Workshop on
Geoarchaeology, by Dr. Green of
OAS

BIA, Division of Environmental and
Cultural Resource Management
Training Event

OKPAN, Workshop on Total Station
and GIS

pXRF, What Questions Can it
Answer?, Workshop host, invited by
TU Lambda Alpha

Intermediate pXRF workshop,
University of Georgia Center for
Applied Isotope Studies

University of Tulsa, Sustainability
Committee

University of Tulsa, Student
Research Colloquium, Session Chair

Catoosa Public Schools,
Environmental Science Guest
Speaker

Tulsa Public Schools, Indian Pupil
Education Program, Tutor

University of Tulsa, American Indian
Cultural Society, Co-Founder and
Vice President

MEMBERSHIPS

Society for American Archaeology

Southeastern Archaeological
Conference

FIELDS OF EXPERIENCE

Ms. Deere is a Lead Archaeologist and a Principal Investigator at JDC Archaeology, LLC., a DBE and Cherokee Nation TERO certified firm established in February 2016. She has more than ten years of experience in cultural preservation, including survey and excavation, monitoring, research, report writing and documentation. Her current responsibilities include archaeological reconnaissance, survey, excavation, historical research, assessing and documenting historic properties and determining eligibility for the National Register of Historic Places (NRHP) in compliance with Section 106 and NEPA; Ms. Deere has experience working for and with tribes (for example the Osage Nation Tribal Historic Preservation Office, Shawnee Tribe, Pawnee Nation, Sac and Fox Tribe) and reviewing Section 106 compliance; Ms. Deere has extensive experience with geostatistics and spatial analysis methods with mapping. In addition to GIS research, Ms. Deere has presented her research on elemental analysis with the pXRF at conferences across the nation. Ms. Deere has worked substantially with tribal people and tribal governments in terms of cultural preservation, environmental sustainability, and education. She volunteers routinely with sustainability groups in Tulsa, as well as with archaeological education programs in the area.

EMPLOYMENT HISTORY

2018 – Present, Lead Archaeologist and Principal Investigator, JDC Archaeology (Joe Deere Consulting LLC), Catoosa, OK

2023- 2024, Lead Archaeologist and Principal Investigator, CC Environmental, Norman, OK

2018 – 2021, Section 106 Reviewer and Field Archaeologist, Osage Nation, Pawhuska, OK

2017 – 2018, Cultural Resource Specialist, Cox McLain Environmental Consulting, Tulsa, OK

2017, Archaeological Monitor, Osage Nation, Pawhuska, OK

2017, Archaeological Monitor, Open Range Archaeology, Moore, OK

SELECTED RECENT PROJECT EXPERIENCE –

Archaeological Monitoring for the Shawnee Tribe on the Duke Energy EE00 Pipeline in Cincinnati, OH from March 2025 – Present. Serves as the Principal Investigator in charge of Tribal monitors working on the pipeline. Monitors pipeline construction, writes and edits daily reports, delivers reports weekly, and creates payroll and billing. Coordinates with Shawnee THPO and Duke Energy personnel.

Archaeological Survey and reporting for Indian Health Services across Oklahoma for various water and sewer/septic projects ranging in sizes 2021 – Present. Serves as Principal Investigator in charge of field crews on projects ranging from single family septic system install to Full sewer and water line replacement in Eastern Oklahoma.

Archaeological Desktop Surveys for Multiple Broadband Companies in Missouri, Arkansas and Oklahoma 2023-2025. Provided full research and cultural resource review for projects with recommendations for survey, monitoring or mitigation.

Catoosa, Oklahoma, 918-527-9627



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BIA Southern Plains Region large scale Phase I surveys in Oklahoma 2020-2024.

Conducted background surveys of various environmental projects including geological, soil, archaeological (survey and excavation/site), and historical research. Executed section 106 research to determine NRHP and eligible properties that could be impacted by project. Full pedestrian surveys and shovel tests performed as per survey strategy. ARPA permits were needed. Wrote reports including all map creation. Seven large-scale projects completed to date.

Various Cell Tower and Other by-acre Surveys in Oklahoma and Arkansas 2018-present.

Conducts background surveys of various environmental projects including geological, soil, archaeological (survey and excavation/site), and historical research. Executes section 106 research to determine NRHP and eligible properties that could be impacted by project. Full pedestrian surveys and shovel tests performed as per survey strategy. ARPA permits as needed. Writes reports including all map creation. Work performed for IHS, ODWC, USFWS, BIA and various environmental firms.

Archaeological Monitoring for the Osage Nation on Diamond Pipeline from Cushing, OK to Oklahoma Border near Ft. Smith AR. And at the Spire STL Pipeline in East St. Louis, Illinois from April 2017 – June 2019. Served as Osage Archaeologist. Responsible for the two Osage Nation monitoring areas located in Oklahoma. Monitored pipe line construction from grading to backfill and clean-up. Wrote daily reports for the Osage Nation THPO and Chief. Protected multiple sites and pre-existing trailways from construction activity through thorough documentation and communication with archaeological monitors.

Reconnaissance Non-Archaeological Historic Resources Survey (HRSR) of the Drummond Flats Landscape. Drummond, Garfield County, Oklahoma. June – July 2019.

Conducted field investigations, interviewed personnel and handled in-office research. Prepared historic resources survey report for ODWC, USFWS and SHPO.

Archaeological Monitoring for the Osage Nation at the Osage Nation Veterans Memorial from May 2018 – August 2018.

Serves as an archaeological monitor for construction. Collected artifacts for lab analysis. Wrote daily reports for the Tribe.

Section 106 review for the Osage Nation 2018-Present – Serves as a contract tribal archaeologist reviewing Section 106 projects for compliance with the NHPA. Responsible for various agencies such as TVA, VA, HUD, IHS.

Enid Pipeline Project. November 2017 to July 2018. Served as a Project Archaeologist (PA) for project. Conducted field survey for 65 mile water pipeline.

Cultural Resources Monitoring for Improvements to Turner Turnpike (I 44) in Creek and Tulsa Counties, Oklahoma. September 2017–June 2018. Served as Project Lead Monitor for cultural resources monitoring for road improvements. The 22-mile-long project area covered 1,486 acres. Five USACE permitted areas were monitored for ground disturbance; work performed for Oklahoma Turnpike Authority. Wrote report.



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ODOT Cemetery Project. September 2017 to July 2018. Served as Project Manager and Lead Cultural Resource Specialist for project. Responsible for identifying and digitizing cemeteries in Oklahoma. Developing a spatial dataset containing the locations and selected basic attributes of known cemeteries in Oklahoma for the Oklahoma Department of Transportation. Project includes research and GIS technical knowledge.

Reconnaissance Non-Archaeological Historic Resources Survey (HRSR) of the Atoka Reservoir Infrastructure Complex. Atoka, Atoka County, Oklahoma. October 25, 2017-November 17, 2017. Conducted field investigations, interviewed personnel and handled in-office research. Prepared historic resources survey report.

Various Archaeological Background Projects and Historic Project Coordination Requests in Oklahoma and Texas. September 2017-present. Conducts background surveys of various environmental projects including geological, soil, archaeological (survey and excavation/site), and historical research. Executes section 106 research to determine NRHP and eligible properties that could be impacted by project.

Archaeological Monitoring for Open Range Archaeology on Diamond Pipeline from Cushing, OK to Oklahoma Border near Ft. Smith AR. January 2017-April 2017. Monitored pipeline construction ground disturbance in areas designated to be monitoring areas with pre-recorded sites or high probability of historic or prehistoric cultural significance. Conducted pedestrian surveys, discovered sites, directed site testing, and completed SHPO site forms. Worked with Tribal monitors to ensure tribal interests were acknowledged.

PRESENTATIONS AND PUBLICATIONS

Hill, Bobi J. Gender inequality in Native American Dance (Oral presentation). Southwestern Social Sciences Association, Dallas, TX, 1994

Deere, Bobi. Southeastern iconography: A quantitative approach (Oral presentation). Seventeenth Annual Student Research Colloquium. University of Tulsa, Tulsa, OK, 2014

Deere, Bobi. Southeastern iconography: A quantitative study (Poster presentation). Southeastern Archaeological Conference, Greenville, SC, 2014.

Deere, Bobi. Southeastern container labeling: Does iconography correlate to content? (Oral presentation) Eighteenth Annual Student Research Colloquium, University of Tulsa, Tulsa, OK 2015.

Deere, Bobi. Non-Destructive Sourcing of Marine Shell: Pipe Dream or Possibility? (Oral Presentation) Nineteenth Annual Student Research Colloquium, University of Tulsa, Tulsa, OK 2016.

Deere, Bobi. Following the Shell: Pxr Analysis on Engraved *Busycon* Whelk from Spiro and Cahokia (Oral Presentation) Society for American Archaeology Eighteenth Annual Meeting, Orlando, FL, 2016.

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- Deere, Bobi. Portable Xray Fluorescence Spectrometer: What Research Questions are Appropriate for this Instrument? (AKA how to make a scary technology useful – and fun – to answer interesting questions). Workshop at University of Tulsa, Tulsa, OK, Fall/2016.
- King, Adam, Terry Powis, Kong F. Cheong, Bobi Deere, Robert Pickering, Eric Singleton, Nilesh W. Gaikwad
2018 Absorbed Residue Evidence for Prehistoric Datura Use in the American Southeast and Western Mexico. *Advances in Archaeological Practice*.
- Deere, Bobi. Datura Use Among the Indigenous Groups of North America: The Significance of Residue Analysis and Psychoactives in Pre-Contact Containers. (Poster Presentation). Southeastern Archaeological Conference, Augusta, GA, 2018.
- Deere, Bobi. Investigating the Use of Trance Inducing Pharmaceuticals in the Archaeological record. (Oral Presentation). Southeastern Archaeological Conference, Jackson, MS, 2019
- Deere, Bobi. The Slippery Road of Cultural Resources Survey Strategy Planning: the case(s) of the elusive proper set of standards in Oklahoma. (Poster Presentation). Oklahoma Archaeological Conference, Tulsa, OK. 2020
- Deere, Bobi and Jesse Nowak. Heavens on Earth: Cave Imagery and the Legacies of Mississippian Ceremonialism. (Oral Presentation). Society for American Archaeology Eighty Sixth Annual Meeting. Online. 2021
- Deere, Bobi. Tobacco Shamanism: The use of combinations of smoking plants such as Datura and tobacco for attaining altered states of consciousness in pre-contact North America. (Oral Presentation). Southeastern Archaeological Conference, Durham, NC. 2021
- Deere, Bobi. Paraphernalia Associated with Shamanism: A Look at the Tools and Evidence for Ritual Practitioners that use Altered States of Consciousness (ASC). (Oral Presentation), Society for American Archaeology Eighty Seventh Annual Meeting. Chicago, IL. 2022
- Adam King, Bobi Deere, David H. Dye, Terry Powis, and Nilesh Gaikwad (2023).
A Datura Ritual Complex in the Southeast. *American Antiquity*.
- Deere, Bobi and Dr. Bonnie Pitblado. "Voices of Oklahoma:" A Strategy for Improving the Representation of Historically Excluded Communities in Archaeology. (Oral Presentation), The 64th Caddo Conference, Hochatown, OK. 2023
- Deere, Bobi and Kaylyn Moore, Chairs. Panel - "The Power of Collaboration: Community-based K-12 Archaeology Education" FPAN 1st Conference on Public Archaeology, Pensacola, FL. 2023
- Zimmerman, Julie, Bobi Deere and Candice Byrd-Boney. Who Owns the Past? Listen If You Want to Hear Native Voices. (Oral Presentation), The 79th Annual Southeastern Archaeological Conference, Chattanooga, TN. 2023



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Deere, Bobi (2023) *The Mississippian Tobacco Shaman and the Ogee Motif: Embracing Altered States of Consciousness in the Expanded Interpretation of Imagery*. Edited by Tom Beaman and Linda Carnes-McNaughton. North Carolina Archaeology Journal, published by the North Carolina Archaeological Society.

Deere, Bobi (2023) Set, Setting, and Sacra: Eastern North America's Tobacco Shamans and the New World Narcotic Complex. In *Landscape of Ritual Performance in Eastern North America*, edited by Cheryl Claassen. Oxbow Press, Woodbridge.

Pitblado, Bonnie L., Delaney Cooley, Bobi Deere, Meghan Dudley, Allison McLeod & Horvey Palacios (2023). The Oklahoma Public Archaeology Network (OKPAN): Leveraging University Resources to Serve Historically Excluded Communities. In *Advances in Archaeological Practices*.

Deere, Bobi, Kaylyn Moore, and Reagan Bieligg (2023)
Voices of Oklahoma. In *The Community Archaeologist* 1(1), pp. 4-6.

Deere, Bobi, Chair. Panel – “Artist to Archaeologist: Scholar to Scholar” 3rd Bi-Annual Oklahoma Archaeology Conference, Norman, OK. (2024)