Mackenzie DePlata Peterson, MA
University of Wyoming
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Current as of 2.6.2026

Research Interests: Paleoindian archaeology, computing science, spatial data science, GIS, human migration patterns, human-environment interactions, human adaptation to climate, Peopling of the Americas, Late Pleistocene, Last Glacial Maximum, bonebeds, proboscidean sites, buffalo jumps, zooarchaeology, Rocky Mountain archaeology, Northern Great Plains archaeology, Southwest archaeology

Education

Ongoing	University of Wyoming, Dept. of Anthropology – PhD
2024	University of Wyoming, Dept. of Anthropology – MA
2020	Kansas State University – BA (Anthropology), Minor (Spanish)

Publications

In Preparation   **DePlata-Peterson, Mackenzie**, Listing for the *National Register of Historic Places*, the La Prele Mammoth Site (48CO1401)

In Preparation   **DePlata-Peterson, Mackenzie**, Surovell Todd, Pelton Spencer, Garner Dan, Allaun Sarah. "The Warren Mammoth Site (48LA3800): On the Cusp of Clovis," Prepared for submission to *Quaternary Research*

In Preparation   Pelton, Spencer, **DePlata-Peterson, Mackenzie**. "Age-Depth Model of the Vore Buffalo Jump," Prepared for submission to *The Vore Buffalo Jump,* edited by Spencer Pelton and Jaqueline Wyatt.

In Submission   Field, Sean and **DePlata-Peterson, Mackenzie**. "Niche Reconstruction of the American Southwest during Pueblo Occupation," Prepared for submission to *PLOS Climate*

In Submission	**DePlata-Peterson, Mackenzie**. "Identifying the Directionality of the Vore Buffalo Jump Point: A Spatial Analysis of Innominate Elements in the Bonebed." Prepared for submission to *The Vore Buffalo Jump*, edited by Spencer Pelton and Jaqueline Wyatt.
2024	(Thesis) **DePlata-Peterson, Mackenzie**. "Can Human Presence at Proboscidean Sites be shown through Site Taphonomy and Spatial Artifact Distribution? Case Study of Applied Methods on the Warren Mammoth Site." *ProQuest*

Grants & Scholarships
*Awarded Annually

2025-26	GA Fellowship, University of Wyoming School of Computing---**$29,000**
2024–25	GRA Fellowship, Field Lab for Applied Computational Research --**$29,343**
2025	Harry Walts Scholarship, Loveland Archaeological Society-**$1,000**
2025	George C. Frison Institute, Tyrrell Fund, *Radiocarbon Dates for the Vore Buffalo Jump*-----------------------------------**$2,000**
2024	Vore Foundation Scholar ----------------------------**$5,000**
2023	GA Fellowship, University of Wyoming Anthropology Department --**$16,500**
2023	George C. Frison Institute, June Frison Memorial Fund, *Radiocarbon Dating the Warren Mammoth Site*------------**$1,207**
2020	Kansas State University, Pat O-Brien Scholarship Award for Archaeology, *Excellence in Archaeology* -----------------**$500**
2017-20*	Ice Student Assistance Scholarship, *First Generation College Students*---**$2,500**
2017-20*	Purple & White / Heaton Memorial Scholarship, *Maintaining a 3.5 GPA or higher*---------------------------------------**$14,000**

Conference Presentations

2025	**DePlata-Peterson, Mackenzie.** "Identifying the Directionality of the Vore Buffalo Jump Point: Spatial Analysis of Innominate Elements in the Bonebed" *Wyoming Archaeological Society, Cheyenne, Wyoming.*

2025   **DePlata–Peterson, Mackenzie**. "Is Human Presence Identifiable through the Spatial Composition of Proboscidean Bonebeds?" *Society For American Archaeology, Denver, Colorado.*

2024   **DePlata–Peterson, Mackenzie**. "Can Human Presence at Proboscidean Sites be shown through Site Taphonomy and Spatial Artifact Distribution? Case Study of Applied Methods on the Warren Mammoth Site." *Wyoming Archaeological Society and Rocky Mountain Anthropological Conference, Laramie, Wyoming.*

Research and Field Experience

2024 – present   Graduate Research Assistant, Field Lab of Applied Computational Research (Supervisor: Sean Field), University of Wyoming

2022 – present   Laboratory Technician, Warren Mammoth Site (Supervisor: Todd Surovell), University of Wyoming

2025   WYCRO Intern, Wyoming State Historic Preservation Office (Supervisor: Damien Kirkwood), University of Wyoming

2025 (Summer)   Field Technician, Canyon of the Ancients (Supervisor: Sean Field), University of Wyoming

2025 (Summer)   Field Technician, Vore Buffalo Jump (Supervisor: Spencer Pelton), Office of the Wyoming State Archaeologist

2024   Vore Foundation Scholar, Vore Buffalo Jump Foundation (Supervisor: Spencer Pelton), University of Wyoming

2023 (Summer)   Field Technician, Warren Mammoth Site (Supervisors: Spencer Pelton, Todd Surovell), University of Wyoming

2023   Search and Rescue Body Recovery (volunteer), Wyoming State Forensic Anthropology (Supervisors: Eli Mrak), University of Wyoming

2021–23 (Summer)   Field Technician, La Prele Mammoth Site (Supervisors: Todd Surovell, Madeline Mackie), University of Wyoming

2022 (Fall)	Laboratory Technician, Alm Shelter Site (Supervisor: Robert Kelly), University of Wyoming
2019-20	Assistant Curator for Archaeological Collections, (Supervisor: Lauren Ritterbush), Kansas State University
2019	Field School Participant, La Prele Mammoth Site (Supervisor: Todd Surovell), University of Wyoming

Teaching Experience

2025 – present	Graduate Teaching Assistant, Archaeological Field School (ANTH 4140), (Instructors of Record: Randall Haas; Kelton Meyer), University of Wyoming
2023 (Fall)	Graduate Teaching Assistant, Introduction to Cultural Anthropology (ANTH 1200), (Instructor of Record: Allison Caine), University of Wyoming
2023 (Spring)	Graduate Teaching Assistant, Introduction to Archaeology (ANTH 1300), (Instructor of Record: James Johnson), University of Wyoming
2019 (Fall)	Undergraduate Teaching Assistant, Introduction to Cultural Anthropology (ANTH 200), (Instructor of Record: Michael Wesch), Kansas State University

Professional Memberships

2025 – Present	Wyoming Association of Professional Archaeologists
2024 – Present	Society for American Archaeology
2023 – Present	Plains Anthropological Society
2023 – Present	Wyoming Archaeological Society

Languages

Fluent	GIS Programming Software: QGIS, ArcPro
Fluent	R-Programing Software
Excellent	Spanish Language