

Contact Information:

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Education:

2012 Archaeological Field School, University of Wyoming Archaeological Field School

2014 Bachelor of Arts in Anthropology, University of Wyoming

2016 Master of Arts in Anthropology, University of Wyoming

Certifications:

FAA Remote Pilot Certificate issued 03/04/2022

Employment History:

2024 (February) to Present (2 year): Collections Manager, University of Wyoming Archaeological Repository (UWAR)

Equivalent GS Level: GS-11

Duties: Inventory and accession archaeological collections and associated archival materials, manage collections housed at the University of Wyoming Archaeological Repository as directed by federal regulation 36 CFR 79, supervise collections management staff, teach an upper-division course at the University of Wyoming regarding collections management, field work on various projects associated with the Office of the Wyoming State Archaeologist

2023 (April) to 2024 (January) (10 months or 1600 hours): Transcon Environmental Archaeologist and Cultural Resource Specialist

Equivalent GS Level: GS-9

Duties: Project Director, Field Director, Compliance Inspection Cultural Resource Specialist, project planning and budgeting, cultural resource survey, examining roads, recreation areas, and other areas of potential effect with proposed ground disturbance, writing cultural resource inventory reports, writing site forms, correspondence between federal agencies and project proponents, cultural resource survey, evaluating sites for inclusion to the National Register of Historic Places (NRHP), recommending mitigation

2017 to 2023 (6 years or 11886 hours): LTA, Inc. Field Supervisor, GIS Specialist, and Drone Operator

Equivalent GS Level: GS-9

Duties: cultural resource survey, examining roads, recreation areas, and other areas of potential effect with proposed ground disturbance, site excavation, monitoring, site/artifact curation, preparation of site and project maps, writing cultural resource inventory reports, writing site forms, evaluating sites for inclusion to the NRHP, recommending mitigation, Drone Pilot, preparing GIS and report materials for submission to SHPO

2016 (4 months or 680 hours): University of Wyoming Field Tech for the Wyoming Military Department: Guernsey, WY North Training Area

Equivalent GS Level: GS-5

Duties: cultural resource survey, site testing/excavation, artifact curation, writing cultural resource inventory reports, writing site forms

2015 to 2016 (13 months or 1590 hours): University of Wyoming Archeological Repository Lab Technician

Equivalent GS Level: GS-5

Duties: curation of archaeological material and associated records

2015 (10 days or 100 hours): University of Wyoming Field Excavation with PIs Dr. Todd Surovell and Dr. Matt O'Brien Field Technician

Equivalent GS Level: GS-5

- Duties: excavation of the La Prele Mammoth Site
- 2014 (4 months or 500 hours): University of Wyoming Paleo-Indian Research Assistant Field Director
Equivalent GS Level: GS-7
Duties: Assistant Field Director, supervising field crew, site excavation, total station operation (EDMWin), giving tours, data entry, recording daily field notes through correspondence with crew
- 2013 to 2015 (10 months or 2400 hours): University of Wyoming Paleo-Indian Lab, Lab Director
Equivalent GS Level: GS-7
Duties: Lab Director, supervising lab personnel, artifact curation, sorting matrix, data entry, debitage and faunal analysis, report writing
- 2013 (4 months or 500 hours): University of Wyoming Paleo-Indian Research Lab Field Technician
Equivalent GS Level: GS-5
Duties: site excavation, total station operation (EDMWin), giving tours, data entry
- 2012 to 2013 (10 months or 2400 hours): University of Wyoming Paleo-Indian Research Lab, Lab Technician
Equivalent GS Level: GS-5
Duties: artifact curation, sorting matrix, data entry, debitage and faunal analysis

Academic Positions:

- 2024 (February) to Present: Adjunct Professor of Anthropology, University of Wyoming, Department of Anthropology, as part of the duties of Collections Manager of University of Wyoming Archaeological Repository
Courses: Archaeological Collections Management
- 2016 (Spring): Graduate Assistant University of Wyoming, Department of Anthropology
Course: World Archaeology
Duties: assisting students, presenting lectures
- 2015 (Fall): Graduate Assistant University of Wyoming, Department of Anthropology
Course: Research Methods
Duties: assisting students, supervising lab hours, presenting lectures

Field Experience:

- 2025 Office of the Wyoming State Archaeologist: Collections Manager
1. June 9-18, 2025 Willow Springs Campsite (48AB302) Archaeological Investigations
Geographic Locales: Albany County, Wyoming
Cultural Resources Encountered: Prehistoric Campsite with lithic artifacts and ceramic sherds, Historic Emigration Trail Stage Station
Duties: Field curation of collected artifacts, teaching field school students curation techniques, excavated test units
- 2024 Office of the Wyoming State Archaeologist: Collections Manager
1. June 10-19, 2024 Willow Springs Campsite (48AB302) Archaeological Investigations
Geographic Locales: Albany County, Wyoming
Cultural Resources Encountered: Prehistoric Campsite with lithic artifacts and ceramic sherds, Historic Emigration Trail Stage Station
Duties: Field curation of collected artifacts, teaching field school students curation techniques, shovel testing, excavated test units, metal detecting
- 2023 Transcon Environmental: Field Director
1. July 10-19, 2023 Moon Lake Electric Association's USFS Ashley NF SUP Renewals – Cultural Project, Class III Survey
Geographic Locales: Duchenne County, Utah
Cultural Resources Encountered: Historic CCC Camps, Historic roads, Historic transmission lines, Historic irrigation canals, Prehistoric Lithic Isolates
Number of Crew Supervised: Two
- 2023 LTA, Inc.: Drone Operator

1. May 15-22, 2023: COE Omaha Site Testing Project, Drone Mapping Survey
Geographic Locales: Buffalo, Brule, Hughes, and Lyman Counties, South Dakota
Cultural Resources Encountered: Prehistoric Plains Villages and Middle Missouri Tradition Villages
- 2022 LTA, Inc.: Field Supervisor
1. May 18, 2022: AML 10C Horse Creek Loadout Project, Class III Survey
Geographic Locales: Laramie County, Wyoming
Cultural Resources Encountered: Historic limestone quarry
Crew Supervised: One
 2. October 10-11, 2022: AML 103 Roundtop Mountain Project, Class III Survey
Geographic Locales: Fremont County, Wyoming
Cultural Resources Encountered: Historic gold mining prospects
Crew Supervised: One
- 2020 LTA, Inc.: Field Supervisor
1. April 7-8, May 5, 2020: Lidstone-Asphalt Specialties Project, Class III Survey
Geographic Locales: Laramie County, Wyoming
Cultural Resources Encountered: Late Prehistoric, Avonlea and Unknown Prehistoric Lithic Scatters
Crew Supervised: Three
 2. July 21, 2020: Mountain Cement Company Bath Quarry Expansion Append D3 Project, Class III Survey
Geographic Locales: Albany County, Wyoming
Cultural Resources Encountered: Historic trail
Crew Supervised: One
 3. August 8-9, 2020: Pacific Soda Water Pipeline Project, Class III Survey
Geographic Locales: Sweetwater County, Wyoming
Cultural Resources Encountered: Prehistoric Lithic Scatters dating to Paleoindian, Archaic, Late Prehistoric, and unknown time periods, Historic Roads, and Historic Artifacts from the Depression Era, Pre-WWII and Post-WWII
Crew Supervised: One
- 2019 LTA, Inc.: Field Supervisor
1. January 30, 2019: AML 17.6B, Glenrock Grouting, Area K Pilot Study Project, Class III Survey
Geographic Locales: Converse County, Wyoming
Cultural Resources Encountered: Negative results
Crew Supervised: One
 2. June 26, 2019: Midvale Irrigation 5 Mile Lateral Project, Class III Survey
Geographic Locales: Fremont County, Wyoming
Cultural Resources Encountered: Historic irrigation ditches
 3. July 9-10, 2019: Mountain Cement Red Mountain Quarry Project, Class III
Geographic Locales: Albany County, Wyoming
Cultural Resources Encountered: Late Prehistoric and Unknown Prehistoric
Crew Supervised: One
 4. August 27-28, 2019: AML 64 NC Respec Group 12, Dreamland King & Vulcan Project, Class III Survey
Geographic Locales: Carbon County, Wyoming
Cultural Resources Encountered: Historic road related to copper mining activities
Crew Supervised: One
 5. November 5-12, 2019: AML 17.6B West Reliance Grouting Project, Class III Survey
Geographic Locales: Sweetwater County, Wyoming
Cultural Resources Encountered: Historic coal mining houses
Crew Supervised: One
 6. August 23, September 6, November 13, 2019: AML 17.6B Hanna No. 1, Gateway Transmission Line Project, Class III Survey
Geographic Locales: Carbon County, Wyoming
Cultural Resources Encountered: Historic coal mining houses

Crew Supervised: One

2018 LTA, Inc.: Field Supervisor

1. January 19, 2018: Lidstone Asphalt Specialties Project, Class III Survey
Geographic Locales: Laramie County, Wyoming
Cultural Resources Encountered: Late Prehistoric, Avonlea and Unknown Prehistoric
Crew Supervised: Two
2. July 19, 2018: Storm King Nebraska Mine Project, Class III Survey
Geographic Locales: Carbon County, Wyoming
Cultural Resources Encountered: Unknown Prehistoric isolate
Crew Supervised: One
3. August 21 and 22, 2018: AML 17j Storm King Project, Class III Survey
Geographic Locales: Sheridan County, Wyoming
Cultural Resources Encountered: Historic irrigation ditch
Crew Supervised: One
4. October 23 and 24, 2018: Midvale Irrigation District Pilot 27.0B and WY31.7 Project, Class III Survey
Geographic Locales: Fremont County, Wyoming
Cultural Resources Encountered: Unknown Historic irrigation canals
Crew Supervised: One

2017 LTA, Inc.: Field Supervisor

1. April 11, 2017: AML 16.6B Krezelok Grouting Project, Class III Survey
Geographic Locales: Sheridan County, Wyoming
Cultural Resources Encountered: Unknown Historic homestead
Crew Supervised: One
2. April 18, 2017: AML 17.6B-5A Kemmerer Drilling and Grouting Project, Class III Survey
Geographic Locales: Lincoln County, Wyoming
Cultural Resources Encountered: Unknown prehistoric isolate
Crew Supervised: One
3. May 2017 (1 week): AML 17H-2C-11 Superior Drainage Reclamation Project, Test Unit Excavation of 48SW19599
Geographic Locales: Sweetwater County, Wyoming
Cultural Resources Encountered: Historic artifacts and Historic coal mining
Crew Supervised: Two
4. May 23, 2017: AML Glenrock Foam-Sand Project, Class III Survey
Geographic Locales: Converse County, Wyoming
Cultural Resources Encountered: Negative results
Crew Supervised: One
5. June-August 2017: AML 17H-2C-11 Superior Drainage Reclamation Project, Excavation of Subterranean Cellar Features of 48SW19599
Geographic Locales: Sweetwater County, Wyoming
Cultural Resources Encountered: Historic artifacts and Historic coal mining, Late Prehistoric, Rose Springs
Crew Supervised: Seven
6. September 21, 2017: AML 171 Rose Mine Monitor Project, Monitoring at the Rose Mine
Geographic Locales: Fremont County, Wyoming
Cultural Resources Encountered: Historic gold mining, Historic artifacts
7. October 3-5, 2017: AML 171 Carissa Iron Shaft Monitor Project, Monitoring at the Carissa Iron Shaft
Geographic Locales: Fremont County, Wyoming
Cultural Resources Encountered: Historic gold mining, Historic artifacts
8. October 18, 2017: AML 17F Carissa Mill Drainage System Project, Monitoring at the Carissa Mill
Geographic Locales: Fremont County, Wyoming
Cultural Resources Encountered: Historic gold mining, Historic artifacts
9. November 2017: Project Lidstone Asphalt Specialties Project, Class III Survey in Laramie County, Wyoming.

- Geographic Locales: Laramie County, Wyoming
Cultural Resources Encountered: Late Prehistoric, Avonlea and Unknown Prehistoric
Crew Supervised: Two
- 2016 (Summer) Field Technician Wyoming Military Project: Guernsey, WY North Training Area Project
1. Newly purchased area: Class III Survey and Site Testing (4 months)
Geographic Locales: Platte County, Wyoming
Cultural Resources Encountered: Middle Archaic, McKean Complex, Late Archaic, Pelican Lake and Besant, Late Prehistoric, Avonlea, Stone Circles, Unknown Prehistoric, Historic Depression-age dump, Historic artifacts
- 2016 (Summer) Volunteer at the La Prele Paleoindian Mammoth Site
1. Excavation (2 days)
Geographic Locales: Converse County, Wyoming
Cultural Resources Encountered: Paleo-Indian, Clovis
- 2015 (Summer) University of Wyoming with Pls Todd Surovell and Matt O'Brien: Field Technician
1. La Prele Paleoindian Mammoth Site, WY: Excavation (10 days)
Geographic Locales: Converse County, Wyoming
Cultural Resources Encountered: Paleo-Indian, Clovis
- 2015 (Summer) Volunteer at the Duck Creek Site on Moriah Ranch
1. Auger Testing, Survey (2 days)
Geographic Locales: Platte County, Wyoming
Cultural Resources Encountered: Paleo-Indian, Late Prehistoric, Contact Era
- 2014 (Summer) University of Wyoming Paleo-Indian Research Lab: Assistant Field Director
1. Ditch Creek Site, WY: Excavation of a Rock Shelter, Operation of Total Station (EDM) (10 days)
Geographic Locales: Hot Springs County, Wyoming
Cultural Resources Encountered: Paleo-Indian, Unknown Prehistoric
Crew Supervised: Five
 2. Last Canyon Cave Site, MT: Excavation, Operation of Total Station (EDM) (10 days)
Geographic Locales: Carbon County, Montana
Cultural Resources Encountered: Archaic, Unknown Prehistoric
Crew Supervised: Five
 3. Hell Gap Site, WY: Excavation, Operation of the Total Station (EDMWin), Recording Daily Field Notes through Correspondence with Crew, Checking Artifacts into Lab and beginning Curation (30 days)
Geographic Locales: Goshen County, Wyoming
Cultural Resources Encountered: Paleo-Indian, Archaic, Late Prehistoric
Crew Supervised: Ten
- 2013 (Summer) University of Wyoming Paleo-Indian Research Lab: Field Technician
1. Ditch Creek Site, WY: Excavation of a Rock Shelter (10 days)
Geographic Locales: Hot Springs County, Wyoming
Cultural Resources Encountered: Paleo-Indian, Unknown Prehistoric
 2. Last Canyon Cave Site, MT: Excavation of a Rock Shelter, Operation of Total Station (EDM) (10 days)
Geographic Locales: Carbon County, Montana
Cultural Resources Encountered: Archaic, Unknown Prehistoric
 3. Hell Gap Site, WY: Excavation, Operation of the Total Station (EDMWin. (30 days)
Geographic Locales: Goshen County, Wyoming
Cultural Resources Encountered: Paleo-Indian, Archaic, Late Prehistoric
- 2012 (Summer) University of Wyoming Archaeological Field School (3 10-day Sessions)
1. Pine Bluffs, WY: Stone Circle Mapping and Surveying, Historic Excavation at the "Old Stone Barn" Site, and Museum Tours.
 2. Twin Mountain Site, WY: Survey and Site Mapping.
 3. Vore Buffalo Jump Site, WY: Excavation of a Bison Bone Bed, Excavation Mapping, and Site Tours.

Skills:

- Intensive Archaeological Survey (15 to 30 m transects)
- Archaeological Site Recordation
- Archaeological Excavation
- Archaeological Curation
- Archaeological Monitoring
- Writing Technical Archaeological Project Reports
- Writing Archaeological Site Forms in Colorado, Utah, and Wyoming
- Evaluating Sites for Inclusion to the National Register of Historic Places
- Supervising Field and Lab Crews up to ten technicians
- Total Station (EDM) Operation
- Software EDMWin and NewPlot for Total Station
- Site Mapping
- Stone Circle Mapping
- Historic Buildings/Structures Mapping, including architectural plans
- GPS Operation
- Survey 123 and Field Maps Applications
- GIS using ArcGIS software
- GIS using AutoCAD software
- Metal Detection
- Lithic Analysis
- High Plains and Great Basin Projectile Point Chronologies
- Faunal Analysis
- Prehistoric and Historic Artifact Analysis
- Artifact Cataloging and Curation
- Curation Standards as directed by federal regulation 36 CFR 79
- Data Entry
- Microsoft SQL Server
- SPSS and Microsoft Access Software
- Statistical methods typically used in Archaeological Analysis
- Microsoft Excel Software and Excel Programming
- VBA Programming Language
- Microsoft Word and PowerPoint Software
- Remote Pilot Certificate from FAA (Drone Pilot), Certification Number: 4632546
- Point Cloud Rendering
- 3D and 2D Orthomosaic Mapping
- Photography and Videography
- DJI Fly, DJI Pilot, Pix4Dcapture, Map Pilot Pro and Litchi Apps
- Maps Made Easy Software
- Pix4D Mapper Software
- DJI Terra Software

Research Projects:

Publications:

Taylor, William Timothy Treal, et al.

2023 Early dispersal of domestic horses into the Great Plains and northern Rockies. Science. <https://doi.org/adc9691>

Thornhill, Cassidee A.

2020 Reanalysis of equid faunal remains from the Blacks Fork River site (48SW8319): A unique look at a protohistoric horse in Wyoming. *Plains Anthropologist*, 1–16

Jones, Emily Lena, William Taylor, Juan Bautista Belardi, Gustavo Neme, Adolfo Gill, Patrick Roberts, Cassidee Thornhill, Gregory W.L. Hodgins, and Ludovic Orlando

2019 Caballos y humanos en el Nuevo mundo. *Anales de Arqueología y Etnología* 74(2).

Selected Technical Reports:

Thornhill, Cassidee A.

2024 Cultural Resources Inventory Report, Dominion Energy Utah's (DEU'S) Genola IHP Project, Utah County, Utah

Thornhill, Cassidee A.

2024 Mt. Wheeler Power's Ely Shoshone Tribe Bureau of Indian Affairs Right-of-Way Project, White Pine County, Nevada

Thornhill, Cassidee A.

2023 Cultural Resources Inventory Report, Moon Lake Electric Association's USFS Ashley NF SUP Renewals – Cultural Project, Duchesne County, Utah

Thornhill, Cassidee A.

- 2023 Cultural Resources Inventory Report, CentraCom Broadband's Manti to Gunnison Project, Sanpete County, Utah

Bannick, Jennifer, Everett J. Bassett, Aaron D. Larsen, Lindsey M. Evenson, and Cassidee A. Thornhill

- 2023 Historic Properties Treatment Plan: Washington County Water Conservancy District's Red Cliffs / Warner Valley Land Exchange Project, Washington County, Utah

Thornhill, Cassidee A.

- 2023 Cultural Resources Inventory Report, Access Road for Camp Korongo, LLC, Kane County, Utah

Bannick, Jennifer and Cassidee A. Thornhill

- 2023 Washington County Water Conservancy District's Red Cliffs/Warner Valley Land Exchange Project, Washington County, Utah

Thornhill, Cassidee A. and Thomas K. Larson

- 2023 Results of a Class III Cultural Resource Inventory for AML 64-NC: The Roundtop Mountain Access Roads, Fremont County, Wyoming

Larson, Thomas K. and Cassidee A. Thornhill

- 2022 Results of a Literature Review for AML 17.6C-BRS-3G/WYO043085: Interstate 80 Drilling and Grouting in the Vicinity of 48SW5872

Larson, Thomas K. and Cassidee A. Thornhill

- 2021 Results of a Literature Review for AML 17C: Blairtown Drilling and Grouting North

Larson, Thomas K., Dori M. Penny, Damian R. Kirkwood, Cassidee A. Thornhill, and Marina Tinkcom

- 2020 Results of a Literature Review for the Snowy Range Ski Area, Albany County, Wyoming

Kirkwood, Damian R. and Cassidee A. Thornhill

- 2020 Results of a Class III Cultural Resource Inventory, the Asphalt Specialties Lone Tree Ranch Quarry

Kirkwood, Damian R., Thomas K. Larson and Cassidee A. Thornhill

- 2019 Results of a Class III Cultural Resource Inventory for the Mountain Cement Company's Red Mountain Permit Area, Albany County, Wyoming

Kirkwood, Damian R., Thomas K. Larson and Cassidee A. Thornhill

- 2019 Results of a Class III Cultural Resource Inventory for the Midvale Irrigation District: The Wyoming Canal, Five Mile Lateral

Kirkwood, Damian R. and Cassidee A. Thornhill

- 2019 Results of a Class III Cultural Inventory for AML 17.6B: Glenrock Grouting, The Area K Pilot Study

Kirkwood, Damian R. and Cassidee A. Thornhill

- 2018 Results of a Class III Cultural Resource Inventory: AML 17J, Sheridan County, Wyoming

MA Thesis:

Thornhill, Cassidee A.

- 2016 *Equus ferus caballus* During the Protohistoric in Wyoming: Looking for the Horse in the Archaeological Record

Professional Presentations:

- 2025 Wyoming Archaeological Society Conference Poster coauthor: Batons, Billets, Percussors, and Flakers: Examining the Frequency Distribution of Flintknapping Tools in Wyoming's Archaeological Record
- 2024 Wyoming Archaeological Society Cheyenne Chapter Talk: Early dispersal of domestic horses into Wyoming
- 2019 Society of American Archaeology Conference Paper: *Equus caballus* during the Protohistoric in Wyoming: Looking for the Horse in the Archaeological Record

- 2019 Society of American Archaeology Conference Poster coauthor: Investigating Early Horse Pastoralism and Use in the American Great Plains
- 2016 Plains Conference Paper: *Equus ferus caballus* during the Protohistoric in Wyoming: Looking for the Horse in the Archaeological Record in the Symposium: We Found It on the Shelf: Projects, Research, and Outreach at the University of Wyoming Archaeological Repository
- 2016 Wyoming Archaeological Society Conference Paper: Finding *Equus caballus* in the Archaeological Record
- 2015 Plains Conference Paper: Finding *Equus caballus* in the Archaeological Record
- 2015 Wyoming Archaeological Society Conference Poster: Results of 2014 Investigations at Last Canyon Cave
- 2014 Plains Conference Poster: Preliminary Results of 2014 Investigations at Last Canyon Cave

Appearances in Social Media:

- 2025 Educational Video "Horses (Part 2) Horses in Early Contact North America with Cassidee Thornhill" with David Howe on the Ethnecynology Channel
- 2023 Interview for "New research finds that Indigenous people were using horses way earlier than we originally thought" on Wyoming Public Radio
https://www.wyomingpublicmedia.org/open-spaces/2023-04-28/new-research-finds-that-indigenous-people-were-using-horses-way-earlier-than-we-originally-thought?fbclid=IwAR38TGCphU8YLvkOy2_eXNNPny8fzhYiCbcMIYQvP2Z65UUAYkzh9SHz6pQ
- 2023 Interview for "Research at UW Part of New Findings on Earlier Indigenous Use of Horses in West" on the University of Wyoming News
<https://www.uwyo.edu/news/2023/03/research-at-uw-part-of-new-findings-on-earlier-indigenous-use-of-horses-in-west.html>
- 2019 Collaboration with David Howe on his Ethnecynology Instagram Page to create a post about the domestication of horses

Volunteering:

- 2015-2025 Volunteer at the Wyoming Archaeology Fair at the Children's Excavation (sandbox), Atlatl Throwing, Flint Knapping, and Horses in Wyoming booths
- 2016 Excavations at the La Prele Paleoindian Mammoth Site (2 days)
- 2015 Site Testing at the Duck Creek Site (2 days)

Membership in Professional Organizations:

Resister of Professional Archaeologists ID: 18000
Society for American Archaeology
Plains Anthropological Society
Wyoming Association of Professional Archaeologists – currently serving as Secretary
Wyoming Archaeological Society – currently serving as Librarian

Awards:

- 2024 AAAS Newcomb Cleveland Prize for Taylor, W.T.T. et al. Early dispersal of domestic horses into the Great Plains and northern Rockies