

JD L. Lancaster

Desert Research Institute
755 E Flamingo Rd.
Las Vegas, NV 89119

Phone: (702) 862-5377
Email: jd.lancaster@dri.edu

Education

B.S. Geography with departmental honors, University of Oregon, *cum laude*, 2012.

M.A.I.S. Anthropology, Soil Science and Geography, Oregon State University, 2014.
Thesis: Progress in the Search for Early Sites in the Lower Salmon River Canyon, Idaho: A Case Study in Geoarchaeological Prospection. Adviser: Loren G. Davis.

Ph.D. (in progress), Department of Anthropology, Oregon State University. Dissertation topic: Archaeology and Human Ecology of Silvies Valley, Oregon. Adviser: Loren G. Davis.

Research Interests

Archaeology of the Great Basin and
Columbia River Plateau

Peopling of the Americas

Geoarchaeology

Human Behavioral Ecology

Archaeological Prospection and
Predictive Modeling

Quaternary stratigraphy

Soil Geomorphology

Quaternary paleoclimatology and
paleogeography

Fluvial geomorphology

Radiocarbon geochronology and
tephrochronology

Employment

June 2018–Present, Assistant Research Scientist Archaeology, Desert Research Institute.

June 2017–Present, Executive Director (volunteer) and Principal Investigator, Northwestern Archaeological Conservancy. Executive Director duties include coordination and consultation with agencies and public organizations, grant writing, basic research project development, public outreach programs development. Principal Investigator duties include cultural resources management project development and administration, directing of field surveys, and project completion. Projects include:

Principal Investigator, Archaeological Inventory of North Warner Multi Ownership Forest Health Project, a cost share agreement between USDA NRCS and Oregon Department of Forestry (Lancaster 2018)

September 2012–Present, Graduate Teaching Assistant, Oregon State University, Department of Anthropology. Instructor for the following courses:

Anthropology 210, Comparative Cultures

Anthropology 433 online, First Americans/Last Frontiers

Anthropology 434 online, North America After the Ice-Age

and teaching assistant service in the following courses:

Anthropology 330 (Evolution of People, Technology and Society)

Anthropology 230 (Time Travelers/Introduction to archaeology)

March–June 2016 - Graduate Intern, Bureau of Land Management, Burns District. Duties included the collection of, analysis, and reporting of geoarchaeological data from the Sage Hen Gap Fluted Point Site, Oregon. Specifically including the processing of geological cores using Itrax XRF core scanner, sampling and processing of soil organic matter radiocarbon samples, and final report preparation.

July–September 2015 - Co-Principle Investigator, Test Excavation of Silvies Cave (35GR2581), Grant County, Oregon.

January–March 2015 - Oregon State University, Graduate Research Assistant, Pacific Slope Archaeological Laboratory (PSAL). Supervised by Loren G. Davis. Duties included cataloging and curation of archaeological materials, laboratory analyses, and general research assistance.

June–August 2013 - Chert Source Provenance Survey in the Lower Salmon River Canyon, Idaho. B.L.M. contract supervised by Loren G. Davis, Oregon State University.

September 2012 - Geoarchaeologist and excavation supervisor at Sheep Mountain Fluted Point site, Harney County, Oregon, conducted by the Burns District B.L.M.

September 2012 - Mapping distribution of *Carex nudata* and associated fluvial bedforms on the Middle Fork John Day River, Oregon. Assistant to Matthew Goslin, Ph.D. candidate, University of Oregon Department of Geography.

August–September 2012 - Fluvial Geomorphology and Salmon Habitat Monitoring on the Middle Fork John Day River, Oregon. Supervised by Patricia F. McDowell, University of Oregon, Department of Geography.

June–August 2012 - Archaeological supervisor for U.O. Archaeological Field School, Rimrock Draw Rockshelter 35HA3855, Harney County, Oregon.

September 2011 - Geoarchaeologist and excavation supervisor for excavations at Rimrock Draw Rockshelter 35HA3855, conducted by the Burns District B.L.M. (Bureau of Land Management).

August–October 2011 - Field Director for test excavation at the Badlands Stone Circles site, cataloging and analysis of artifacts for the Burns District B.L.M, and University of Oregon.

June–August 2011 - Archaeological supervisor for U.O. Archaeological Field School, Sheep Mountain fluted point site, Harney County, Oregon.

October 2010 - Geographer for the Chancellor Quarry/Harris Cabin excavations, research division, University of Oregon Museum of Natural and Cultural History.

Late September 2010–present - Geoarchaeological investigations at the Sage Hen Gap fluted point site for the Burns District B.L.M.

Early September 2010 - Geoarchaeology U.O. excavations at Dirty Shame Rockshelter, Vale District B.L.M., Oregon.

June–August 2010 - Archaeological supervisor for U.O. Archaeological Field School, Sheep Mountain fluted point site, Harney County, Oregon.

January–March 2009 - Debitage mass analysis of artifacts recovered from the Dodge Creek Site. Supervised by Dr. Brian L. O'Neil, University of Oregon.

September 2009–June 2014 - Archaeological Technician for excavations conducted by the research division, U.O. Museum of Natural and Cultural History. Projects typically assess O.D.O.T. land holdings. Participated in nine projects including subsurface reconnaissance and test excavation phases.

Public Service

April 2016 - Representative for Oregon State University Anthropology, Lebanon Community School District 8th Grade Career Fair, part of the Oregon State GEAR Up initiative.

February 2016 - Guest Lecturer on the Reser Stadium Mammoth. ERC and Seventh Grade Outdoor Science, Seven Oaks Middle School, Lebanon, Oregon.

2013 - Mentor, Anthropology Mentor Program, Oregon State University.

Reports

Keach, Levi, Susanne J. Rowe, and JD L. Lancaster.

2018. A Cultural Resources Survey for the Proposed Demolition of the Demonstrator Support Trailer, Bldg. 22-1111, Area 22, Nevada National Security Site, Nye County, Nevada. *Desert Research Institute Cultural Resources Inventory Short Report No. SR060518-1.*

Lancaster, JD L. and Dernoncourt, John D.

2018. A Phase I Cultural Resources Inventory for the North Warner Multi Ownership Forest Health Project Treatment Areas, Lake County, Oregon. *NAC Technical Report No. 10001.*

Lancaster, JD L.

2017. Preliminary Report on SHG16-1A Soils and Stratigraphy. *Technical Report on File with Burns District Bureau of Land Management, Hines, Oregon.*

Lancaster, JD L.

2016. Initial Report on Alvord Basin Quaternary Stratigraphy Reconnaissance. *Technical Report on File with Burns District Bureau of Land Management, Hines, Oregon.*

Conference Papers

A Preliminary Look at Investigations of Late Quaternary Human Ecology of the Silvies River Valley, Oregon, JD L. Lancaster and Loren G. Davis, Great Basin Anthropological Conference, 2016.

Initial Results of Test Excavation at Silvies Cave, Grant County, Oregon, JD L. Lancaster and Loren G. Davis, Northwest Anthropology Conference, 2016.

A Subsurface Model of the Beaver Meadow Complex, Caroline Nash, Gordon Grant, Brady A Flinchum, JD L. Lancaster, W. Steven Holbrook, Loren G. Davis, Sarah Lewis, American Geophysical Union Fall Meeting, 2015.

Geoarchaeological Prospection for Buried Early Sites in the Lower Salmon River Canyon, Idaho, JD L. Lancaster and Loren G. Davis, Northwest Anthropology Conference, 2015.

Least-Cost-Path Networks Between Obsidian Sources: toward predictive modeling of site location on the landscape using Geographic Information Systems, Katrina L. Lancaster and JD L. Lancaster, Northwest Anthropology Conference, 2013.

Two Tephra and Tephra Chronostratigraphy of the Sheep Mountain Fluted Point Site (35HA3667), J.L. Lancaster and M.C. Kirkpatrick, Northwest Anthropology Conference and Great Basin Anthropological Conference, 2010.

Geomorphic Features of the Sheep Mountain Fluted Point Site (35HA3667), M.C. Kirkpatrick and J.L. Lancaster, Northwest Anthropology Conference and Great Basin Anthropological Conference, 2010

An Overview of the 2007 and 2008 University of Oregon Archaeological Field School Excavations at the Sage Hen Gap Fluted Point Site (35HA3548), J.L. Lancaster, H.K. Hamm, J. Long, and J. Stackhouse, Great Basin Anthropological Conference, 2008

Awards

2017 - Oregon Heritage Fellowship. Oregon Heritage Commission.

2016 - Jonathan O. Davis National Scholarship for Quaternary Geology of the Great Basin. Desert Research Institute Division of Earth and Ecosystem Sciences

2016 - Association of Oregon Archaeologists Student Travel Award, Northwest Anthropological Conference.

2011 - Oregon Archaeological Society's Roy F. Jones Memorial Grant; for geoarchaeological investigations at the Sage Hen Gap fluted point site.

2009 - C. Melvin Aikens Field School Scholarship.

Key Course Work

Archaeology Field School, Patrick O'Grady, University of Oregon

Geoarchaeology Field School, William H. Lyons, University of Oregon

Geoarchaeology, Loren G. Davis, Oregon State University

Cultural Resources Management: Policies and Procedures, David R. Brauner, Oregon State University

Anthropological Research Design, Bryan Tilt, Oregon State University

Analysis of Lithic Technologies, Loren G. Davis, Oregon State University

Theory of Culture, Fina Carpena-Mendez, Oregon State University

Archaeological Theory, Leah Minc, Oregon State University

Advanced Archaeological Theory, Leah Minc, Oregon State University

Special Topics: The National Register of Historic Places, David R. Brauner, Oregon State University

Statistical Applications in Anthropology, Shane J. Macfarlan, Oregon State University

Archaeology of Foragers, Loren G. Davis, Oregon State University

Soil Morphology and Classification, Jay S. Noller, Oregon State University

Soil Landscape Analysis, Jay S. Noller, Oregon State University

Quaternary Stratigraphy of North America, Peter U. Clark, Oregon State University

Sediments and Stratigraphy, Rebecca Dorsey, University of Oregon

Geochemistry, Adam Kent, Oregon State University

Earth Materials, Mark Reed, University of Oregon

Fluvial Geomorphology, Patricia F. McDowell, University of Oregon

Geomorphology, Daniel Gavin, University of Oregon

Advanced Climatology, Patrick Bartlein, University of Oregon

Geographic Data Analysis, Patrick Bartlein, University of Oregon

Advanced Applications of GIS in the Geosciences, Tony Grubestic, Oregon State University

Introduction to Geographic Information Systems, G. Narayananaraj, Oregon State University

UAS (Unmanned Aircraft Systems) Remote Sensing, Michael Wing, Oregon State University.

Skills

Archaeological excavation and survey; geomorphology; pedology; sedimentology; radiocarbon geochronology; lithic analysis; land survey using total station, Trimble, optical and laser level instruments; operation and management of Geographic Information Systems (GIS), geographic information analyses, and cartography in esri and open source software including ArcGIS, R, GRASS and SAGA GIS; geomorphometry; S language, including data analysis in R and SPlus Spotfire; technical graphic design in Adobe Illustrator and Inkscape; technical writing and report preparation, including L^AT_EX document preparation and design; research and completion of nominations to the National Register of Historic Places; Motor Pool Certified Driver.

References

Dr. Loren G. Davis

Associate Professor

Oregon State University, Department of Anthropology

(541) 737-3849

loren.davis@oregonstate.edu

Dr. Tom F. Bullard

Geomorphologist

Desert Research Institute

(775) 673-7420

Tom.Bullard@dri.edu

Scott P. Thomas

District Archaeologist

Burns District Bureau of Land Management

(541) 573-4434

s1thomas@blm.gov

Dr. Patricia F. McDowell

Professor

University of Oregon, Department of Geography

(541) 346-4567

pmcd@uoregon.edu