

CONTACT INFORMATION

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EDUCATION

Master of Arts, Anthropology, University of California, Los Angeles, 1984

Bachelor of Arts, *magna cum laude*, Anthropology, University of Arizona, 1981

PROFESSIONAL EXPERIENCE

- 2012 – Senior Archeologist, Project Director, and Co-Principal Investigator, Office of Contract Archeology, University of New Mexico, Albuquerque. I supervise and train field technicians and laboratory personnel in archaeological field projects to achieve cultural resources compliance with federal and state laws and regulations. Fieldwork included cultural resource surveys and site evaluations in all the BLM permitting areas of New Mexico. I also serve as the principal lithic artifact analyst at OCA. An important part of my duties is to write, assemble, and edit proposals, scopes of work, and reports associated with these activities, and to respond to agency, client, and State Historic Preservation Office (SHPO) input. Projects were conducted under contract to both private and public entities, especially the National Park Service, US Army White Sands Missile Range, the New Mexico Army National Guard, the New Mexico Department of Game and Fish, the Bureau of Land Management, Kinder Morgan, and Enterprise Energy. The federal laws and regulations involved included the National Environmental Policy Act, the Clean Water Act, the National Historic Preservation Act, and the Archaeological Resources Protection Act.
- 2008 – 2011 Senior Archaeologist, Project Director, and Principal Investigator, Panamerican Consultants, Inc., Memphis, Tennessee. I supervised and sometimes trained field technicians, laboratory personnel, and specialized analysts and scholars in small to large archaeological field projects to achieve cultural resources compliance with federal and state laws and regulations. The larger projects were interdisciplinary studies for which I planned, coordinated, and managed the efforts of field and laboratory archaeologists, as well as specialists in the fields of archival history, architectural history, geophysics, archaeobotany, archaeozoology, human osteology, and radiometric analysis. An important part of my duties was to write, assemble, and edit research designs, proposals, scopes of work, reports, and publications associated with these projects, and to respond to agency, client, State Historic Preservation Office (SHPO), and tribal

input. Many projects required coordination with environmental and structural engineer staffs. Projects were mostly conducted under contract to federal and state agencies, especially the USACE, Vicksburg and Memphis Districts, but also for the Southwest Power Administration, Federal Highways Administration, Department of Energy, Arkansas State Highway and Transportation Department, Mississippi Department of Transportation, and the United States International Boundary and Water Commission, in the states of Arkansas, Louisiana, Mississippi, Missouri, North Carolina, and Texas. The federal laws and regulations involved included, but were not limited to the National Environmental Policy Act, Native American Graves Protection and Repatriation Act, the Clean Water Act, the National Historic Preservation Act, and the Archaeological Resources Protection Act. Many projects were conducted in support of Environmental Assessment or Environmental Impact Statement preparation, and therefore required additional liaison with botanists, field biologists, and environmental engineers.

1996-2008 Senior Project Director, Soil Systems, Inc., Phoenix, Arizona. In this position my duties involved planning and conducting small to large archaeological field projects to achieve compliance with federal, state, local, and tribal laws and regulations in Arizona and Colorado. To conduct these projects I wrote and edited research designs, proposals, historic properties treatment plans, reports, publications, and other supporting documents and gave regular presentations at professional meetings and to the interested public. An important part of my duties was consultation and liaison with landowners, clients, reviewing agencies, and Indian tribes. The projects I directed included excavations at large village sites, small site studies, and large-scale settlement studies involving dozens of sites in several different culture areas of the American Southwest. On smaller projects I personally conducted much of the fieldwork. On larger projects, I coordinated interdisciplinary research teams in all aspects of project execution from logistics and budgeting to research design, data interpretation, synthetic analysis, and document preparation. The specialists whose efforts I supervised and/or coordinated included ceramic analysts, lithic analysts, zooarchaeologists, archaeobotanists, geomorphologists, palynologists, dendrochronologists, surveyors, radiometric analysts, and human osteologists as well as heavy equipment operators and construction engineers. The federal laws included the National Historic Preservation Act, the Archaeological Resources Protection Act, the Clean Water Act, the Clean Air Act, and the Native American Graves and Repatriation Act, while in Arizona compliance was often required with burial protection laws for state and private lands, and in some municipalities with local cultural resource regulations. Clients included the Bureau of Reclamation, Ute Mountain Ute Tribe, Federal Highways Administration, National Forest Service, and the Arizona Department of Transportation. However, the majority of clients were private or publicly held companies involved in developments for which USACE had determined the presence of Jurisdictional Waters of the US, thus requiring permits according to Section 106 of the Clean Water Act and compliance with additional statutes such as the Endangered Species Act. Finally, a large part of my job at Soil Systems, Inc. was supervising the excavation of over 1,000 human burial features, the analysis

of the remains, and coordination with Native American communities with regard to their treatment, and repatriation, and to assist in the repatriation and reburial of human remains and associated artifacts. I maintained regular contacts and consultations with several tribal groups, principally the Ute Mountain Ute Tribe, Salt River Pima-Maricopa Indian Community, Gila River Indian Community, Hopi Tribe, Tohono O'odham Nation, and the Prescott Yavapai Tribe.

FIELD, LABORATORY, AND RESEARCH EXPERIENCE

2012-	Lithic analysis, various projects, Office of Contract Archeology, University of New Mexico.
2010-11	Ceramic and lithic analysis, various projects, Panamerican Consultants, Inc.
2009	Geoarchaeological, ethnographic, and historic research, Presidio-Ojinaga Flood Control Project, Presidio, Texas, Panamerican Consultants, Inc.
2001-08	Lithic artifact analyses, various projects, Soil Systems, Inc.
1989-95	Ceramic analysis, Chicama Survey Project, UCLA

PUBLICATIONS

1990 – Present	Author and co-author of publications in: <i>Nature</i> <i>American Antiquity</i> <i>International Journal of Osteoarcheology</i> <i>Southwestern Lore</i> <i>The Arizona Archaeologist</i> <i>Anthropology UCLA</i> <i>Discovering Archaeology</i> Soil Systems Publications in Archaeology Series Dumbarton Oaks University of Pennsylvania Museums Press Universidad Nacional de Cajamarca (Peru) Universidad Nacional de la Libertad (Peru) Pontificia Universidad Católica (Peru).
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Listing available on request.

PAPERS PRESENTED

1987 – Present	Presenter and co-presenter of papers for: <i>Society for American Archaeology</i> <i>American Anthropological Association</i> <i>Institute for Andean Studies</i> <i>Dumbarton Oaks</i> <i>Congreso Peruano del Hombre y la Cultura Andina</i> <i>New Mexico Archaeological Council</i> <i>Arizona Archaeological Council</i> <i>Pecos Conference</i>
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Southeastern Archaeological Conference
Listing available on request.

SELECTED RECENT PUBLICATIONS AND REPORTS

Dello Russo, Robert, Robin M. Cordero, and Banks L. Leonard

2021 Chapter 6: Analytical and Interpretive Challenges Posed by Late Paleoindian Activity Areas at the Water Canyon Site, West-Central New Mexico. *In Open Air Site Structure across the Pleistocene/ Holocene Boundary*, ed. by K. Carlson and L. Bement. University Press of Colorado, Boulder.

Leonard, Banks L., with Evan S. Sternberg and Esperanza Juárez

2020 *A Cultural Resources Survey of 2,090 Acres on the Southern Half of San Antonio Mountain, in the Valles Caldera National Preserve, near Jemez Springs, Sandoval County, New Mexico*. OCA/UNM Report No. 185-1219n. Office of Contract Archeology, University of New Mexico, Albuquerque.

Leonard, Banks L., with Sarah Niskanen

2019 *A Cultural Resources Survey of 236 Acres on Cerro Piñón and the Area between VC02 and VC04 Valles Caldera National Preserve, near Jemez Springs, Sandoval County, New Mexico*. OCA/UNM Report No. 185-1219e. Office of Contract Archeology, University of New Mexico, Albuquerque.

Leonard, Banks L., with Esperanza Juárez

2018 *A Cultural Resources Survey of 619 Acres atop Cerro Seco, Valles Caldera National Preserve, near Jemez Springs, Sandoval County, New Mexico*. OCA/UNM Report No. 185-1219h. Office of Contract Archeology, University of New Mexico, Albuquerque.

Leonard, Banks L., with Stephen L. Kilgore

2017 *A Cultural Resources Survey of 2,115 Acres of South Mountain, and Revisits to 19 Previously Recorded Sites, Valles Caldera National Preserve, near Jemez Springs, Sandoval County, New Mexico*. OCA/UNM Report No. 185-1219a. Office of Contract Archeology, University of New Mexico, Albuquerque.

Leonard, Banks L.,

2016 *A Cultural Resources Survey of the 157.5 Acre New Mexico State Department of Game and Fish Bluebird Ranch Wildlife Management Area, Sandoval County, New Mexico*. OCA/UNM Report No. 185-1192. Office of Contract Archeology, University of New Mexico, Albuquerque.

Leonard, Banks L.,

2015 *Eligibility Evaluation of LA 105593 and Initial Recording of LA 178468, at the D-5 Site, Sierra County, White Sands Missile Range, New Mexico*. OCA/UNM Report No. 185-1148B. Office of Contract Archeology, University of New Mexico, Albuquerque.

Leonard, Banks L.,

- 2015 *Re-evaluation of Ten Archeological Sites at the Zumwalt Track (BAT Test Area) in the Jornada del Muerto, Socorro and Sierra Counties, White Sands Missile Range, New Mexico.* OCA/UNM Report No. 185-1147. Office of Contract Archeology, University of New Mexico, Albuquerque.
- Leonard, Banks L.
- 2014 *Cultural Resources Survey of the Proposed 5.9-Mile Segment of the Lobos Carbon Dioxide Pipeline Corridor inside Apache County, Arizona.* OCA/UNM Report No. 185-1144A. Office of Contract Archeology, University of New Mexico, Albuquerque.
- Leonard, Banks L., with Patrick Hogan and Kate E. Zeigler
- 2014 *Re-evaluation of 17 Archeological Sites at the Zumwalt Track (BAT Test Area) in the Jornada del Muerto, Socorro and Sierra Counties, White Sands Missile Range, New Mexico.* OCA/UNM Report No. 185-1120. Office of Contract Archeology, University of New Mexico, Albuquerque.
- Leonard, Banks L., with Leslie Cohen, Alexander Kurota, Chris Wenker, and Patrick Hogan
- 2012 *Cultural Resources Survey of the New Mexico Army National Guard Readiness Center and Armory near Las Cruces, Doña Ana County, New Mexico.* OCA/UNM Report No. 185-1057A. Office of Contract Archeology, University of New Mexico, Albuquerque.
- Leonard, Banks L., with Carl Brown, J. Rocco de Gregory, Nicholas P. Hermann, Neal H. Lopinot, Robert J. Lore, Gina S. Powell, and Chester P. Walker
- 2011 *Phase II and III Archaeological and Geophysical Investigations at Site 38, Rolling Fork Mounds (22SH506), Sharkey County, Mississippi.* Report submitted to the US Army Corps of Engineers, Vicksburg District. Panamerican Consultants, Inc., Memphis.
- Leonard, Banks L., with Angie Clifton and Chester P. Walker
- 2011 *Cultural Resources and Geophysical Survey of Two Cemeteries along US49E Right-of-Way near Sidon, Leflore County, Mississippi.* Report submitted to the Mississippi Department of Transportation, Jackson. Panamerican Consultants, Inc., Memphis.
- Leonard, Banks L., with Rachel E. Mangum, Seth Wilcher, Rebecca Chojnacki, and Susan L. Bupp
- 2010 *Cultural Resources Survey: Presidio-Ojinaga Flood Control Project, Presidio County, Texas.* Report submitted to the United States Section, International Boundary and Water Commission. Parsons, Austin and Panamerican Consultants, Inc., Memphis.
- Leonard, Banks L., with Seth Wilcher, Erin Atkinson, Rachel E. Mangum, and Susan L. Bupp
- 2010 *Cultural Resources Survey: Divisor Dike and Arroyo Colorado Floodway Project, Hidalgo and Cameron Counties, Texas.* Report submitted to the United

States Section, International Boundary and Water Commission. Parsons, Austin and Panamerican Consultants, Inc., Memphis.

Leonard, Banks L.

2010 *Intensive Cultural Resources Survey of 19 Locations along the Southwest Power Administration's 67Kv Transmission Line 3320 Corridor, New Madrid and Dunklin Counties, Missouri and Clay County, Arkansas.* Report submitted to the Southwest Power Administration, US Department of Energy, Tulsa. Panamerican Consultants, Inc., Memphis.

Leonard, Banks L., with C. Andrew Buchner

2010 *Intensive Survey, with Testing, of Seven Sites along a Proposed New Segment of Ditch 15, Crittenden County, Arkansas.* Report submitted to the US Army Corps of Engineers, Memphis District. Panamerican Consultants, Inc., Memphis.

Leonard, Banks L., with Carl Brown, C. Andrew Buchner, and Angie Clifton

2009 *Phase I Archaeological Investigations and Architectural Evaluation at Site 38, Rolling Fork Mounds/ Graft Dairy (22SH506), Rolling Fork, Sharkey County, Mississippi.* Report submitted to the US Army Corps of Engineers, Vicksburg District. Panamerican Consultants, Inc., Memphis.

Leonard, Banks L., with Seth Wilcher, Rachel E. Mangum, Erin Atkinson, and Susan L. Bupp

2009 *Cultural Resources Survey: Rio Grande Rectification Project, El Paso and Hudspeth Counties, Texas.* Report submitted to the United States Section, International Boundary and Water Commission. Parsons, Austin and Panamerican Consultants, Inc., Memphis.

Leonard, Banks L., with C. Andrew Buchner, Carl Brown, Michael K. Faught, Robert J. Lore, and H. Lee Harrison, Jr.

2009 *Phase II and III Archaeological Data Recovery for the US Highway 61 Realignment at Nitta Yuma Plantation (22SH655), Sharkey County, Mississippi.* Report submitted to the Mississippi Department of Transportation, Jackson. Panamerican Consultants, Inc., Memphis.

In addition, since 1992, I have been author and co-author of over 100 technical reports, plans, and proposals, for cultural resource overviews, surveys, testing projects, archaeological data recovery projects, and historic properties treatment plans.

More extensive list available on request.