

ROBERT D. DELLO-RUSSO, Ph.D.

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EDUCATIONAL HISTORY

Ph.D., 1999 in Anthropology (Archeology), University of New Mexico, Albuquerque, NM
“Climatic Stress in the Middle Rio Grande Valley of New Mexico: An Evaluation of Changes in Foraging Behaviors during the Late Archaic / Basketmaker II Period.”
M.A., 1991 in Anthropology, University of New Mexico, Albuquerque, NM
B.A., 1972 in Economics; Bucknell University, Lewisburg, PA

PROFESSIONAL POSITIONS

December 2013 to Present: Director. Office of Contract Archeology / Maxwell Museum of Anthropology / University of New Mexico. 40+ hours per week. Supervisor: James Dixon, Director, Maxwell Museum of Anthropology (505) 277-4210.
March 2007 to December 2013: Deputy Director. Office of Archaeological Studies / Museum of New Mexico, Santa Fe, New Mexico. 40 hours per week. Supervisor: Eric Blinman, Director, Office of Archaeological Studies (505) 827-6470.
January 2005 to March 2007: Cultural Resource Program Lead / Department Archaeologist. New Mexico Department of Game & Fish, Santa Fe, New Mexico. 40 hours per week. Supervisor: Michael Gustin, Assistant Chief, Conservation Services Division (505) 476-8112.
2002 to 2004: Research Associate. Maxwell Center for Anthropological Research, University of New Mexico Albuquerque, New Mexico. Senior Research Coordinator: Bruce Huckell / (505) 277-4405.
August 1993 to Present: Principal Investigator. Escondida Research Group, LLC, Santa Fe, New Mexico. Principal Investigator: Patricia Walker (505) 466-3572.

RECOGNITION and HONORS

1990 thru 1991: UNM Lewis R. Binford Graduate Fellowship / \$7000 per year.
1990: Nominated to the Phi Kappa Phi Honor Society.
1989 thru 1990: University of New Mexico Graduate Tuition Fellowship / \$250 per year.

RESEARCH PRIORITIES

- Paleoindian use of focal landscape resources;
- XRF studies of silicified rhyolites from prehistoric lithic quarries;
- Paleo-climate studies;
- Dynamics of geomorphological processes;
- Chrono-stratigraphy of rockshelter locations;
- Hunter-gatherer mobility and settlement at regional scales;
- Climate change & transitions from foraging to farming.

>150 PUBLICATIONS, selected titles

- 2013 Dello-Russo, Robert D.
Another Bison Kill Discovered at Water Canyon: Implications for Southwestern Paleoindian Studies. *New Mexico Archaeology – The Newsletter of the Friends of Archaeology*. August 2013, pp. 8-11, Santa Fe.
- 2013 Dello-Russo, Robert D.
New Finds at the Water Canyon Paleoindian Site (LA 134764). *NewsMAC – Newsletter of the New Mexico Archeological Council*, Vol 2013-2.
- 2013 Dello-Russo, Robert D.
The Water Canyon Paleoindian Site – Preliminary Evidence of Site Formation Processes, Site Structure and Late Paleoindian Lifeways. In *From the Pueblos to the Southern Plains: Papers in Honor of Regge Wiseman*, edited by Emily J. Brown, Karen Armstrong, David M. Brugge and Carol J. Condie. Archaeological Society of New Mexico Volume No. 39, pp. 51-63.
- 2013 Lentz, Stephen C., Robert Dello-Russo, Pamela McBride, Donald Tatum, Linda S. Cummings, and Chad Yost
Evidence for Early Domesticates at LA 159879: An Early Agricultural Site in the Mimbres Bolson near Deming, Luna County, New Mexico. Edited volume for the 17th Mogollon Conference, University of Western New Mexico, Silver City.
- 2011 Dello-Russo, Robert D.
Paleoindian Research at the Water Canyon Site (LA134764)
NewsMAC – Newsletter of the New Mexico Archeological Council, Vol.2011-1, pp 2-12.
- 2011 Dello-Russo, Robert D.
DCA Scientists Recover Bison Bones Near Quemado Lake. *Preservation New Mexico – the Newsletter of the NM Historic Preservation Division*. Summer 2011, p. 11, Santa Fe.
- 2011 Dello-Russo, Robert D.
Analysis of Soil and Radiocarbon Samples from the Caja del Rio & Water Canyon Paleoindian Sites. *New Mexico Archaeology – The Newsletter of the Friends of Archaeology*. May 2011, pp. 2-3, Santa Fe.
- 2010 Dello-Russo, Robert D., Patricia A. Walker and Vance T. Holliday. Recent Research Results from the Water Canyon Site, A Clovis and Late Paleoindian Locale in West-Central New Mexico. *Current Research in the Pleistocene*, Volume 27, pp: 30-31. Center for the Study of the First Americans, Texas A&M University, College Station, TX.
- 2010 Dello-Russo, Robert D.
Archaeological Testing at the Water Canyon Site (LA134764), Socorro County, New Mexico: Interim Report for the 2008 and 2009 Field Seasons. ERG Report No. 2009-09 submitted to the New Mexico Historic Preservation Division, Santa Fe, by Escondida Research Group, LLC, Santa Fe.
- 2009 Dello-Russo, Robert D.
It's an Impressive Alcove with Early Dates and Deep Deposits, But Did Paleoindians Actually Visit Lemitar Shelter? In *Between the Mountains, Beyond the Mountains: Papers in Honor of Paul Williams*, edited by Emily J. Brown, Karen Armstrong, David M. Brugge and Carol J. Condie. Archaeological Society of New Mexico Volume No. 35, pp. 33-48.

- 2008 Dello-Russo, Robert
Silicified Rhyolites at the Adobe Ranch: Comparisons to Other Source Areas in New Mexico and to Artifacts in the Adobe Ranch Project Area. In *Results of the Adobe Ranch Land Exchange Data Recovery Project in Catron County, New Mexico*, by G. Raymond, T. Messerli, J. Johnson and A. Silberberg, pp: 79-95. Ecosystem Management, Inc. Report Number 50711 prepared for USDI BLM Albuquerque District.
- 2008 Dello-Russo, Robert D. and Patricia A. Walker.
Recent Observations about Late Paleoamerican Adaptations in Northern New Mexico. *Current Research in the Pleistocene*, Volume 25, pp. 76-78. Center for the Study of the First Americans, Texas A&M University, College Station, TX.
- 2008 Dello-Russo, Robert D.
Got Water? Modeling the Early Use of Maize in Regions of the Southwest – Gila Mountains and Beyond. In *New Mexico Botanist*, Special Issue 1, edited by Kelly Kindscher and William Norris, pp. 17-33, Las Cruces, NM.
- 2004 Dello-Russo, Robert D., Vance T. Holliday, and Patricia A Walker. Early Holocene Radiocarbon Dates from Lemitar Shelter, Socorro County, New Mexico. *Current Research in the Pleistocene*, Volume 21, pp: 30-31. Center for the Study of the First Americans, Texas A&M University, College Station, TX.
- 2004 Dello-Russo, Robert D.
New Findings at the Lemitar Shelter Site, Socorro County, NM: Results of the 2003 Field Season. *Maxwell Center For Anthropological Research Newsletter 2*.
- 2003 Dello-Russo, Robert D.
The Responses of Basketmaker II Foragers to Climatic Stress in the Middle Rio Grande Valley of New Mexico. In *Anasazi Archaeology at the Millenium: Proceedings of the Sixth Occasional Anasazi Symposium*, edited by Paul F. Reed, pp. 23-28. Center for Desert Archaeology Anthropological Papers, Tucson, AZ.
- 2003 Dello-Russo, Robert D.
Geochemical Comparisons of Silicified Rhyolites from Two Prehistoric Quarries and 11 Prehistoric Projectile Points, Socorro County, New Mexico. *Geoarchaeology – An International Journal*, Volume 19, pp. 237-264.
- 2002 Dello-Russo, Robert D.
Preliminary Archaeological Research at Lemitar Shelter (LA 18139). *Preservation Newsletter*, New Mexico Historic Preservation Division, Santa Fe, NM.
- 2001 Dello-Russo, Robert D.
Results of XRF Trace Element Analysis of Silicified Rhyolites from Two Prehistoric Quarries. *NewsMAC – Newsletter of the New Mexico Archeological Council*, Vol. 2001.
- 2001 Dello-Russo, Robert D.
Six Paleoindian Projectile Points from West-central New Mexico. *Current Research in the Pleistocene*, Volume 18, pp.15-16, Center for the Study of the First Americans, Corvallis, OR.
- 1992 Dello-Russo, Robert D.
Resource Defense and Social Inequality on the Northwest Coast: The Case of the Coast Salish. *Haliksa'i: Contributions in Anthropology* Volume 8, pp. 69-85, University of New Mexico, Albuquerque, NM.

Research Funding (>\$100,000)

- 2013 \$15,000 *Paleoindian-age Geomorphology and Environments at the Williams Sink, Southeastern New Mexico*
Steven A. Hall and Robert D. Dello-Russo
NM Historic Preservation Division and NM Bureau of Land Management
- 2013 \$3,200 *Water Canyon Paleoindian Site 2013 Field Season Mechanical Excavator*
Robert D. Dello-Russo / OAS
Argonaut Archaeological Research Fund, Tucson, AZ
- 2013 \$2,000 *Water Canyon Paleoindian Site / Pollen Analysis*
Robert D. Dello-Russo / OAS
Private Donation
- 2012 \$375 *Northern New Mexico Dacite XRF Sourcing Study*
Robert D. Dello-Russo / OAS
Taos Archaeological Society
- 2011 \$2700 *Water Canyon Paleoindian Site / Residue Analyses*
Robert D. Dello-Russo / OAS
Museum of NM Foundation / Friends of Archaeology & Private Donations
- 2011 (\$4,400 value) for 11 radiocarbon dates at no charge
Radiocarbon Dates on Charcoal & Bulk Soil from the Water Canyon Site.
Robert D. Dello-Russo / OAS
University of Arizona AMS Facility / AARF
- 2011 \$1000 *Water Canyon Paleoindian Site / Macrobotanical Analysis*
Robert D. Dello-Russo / OAS
Private Donation
- 2011 \$2870 *Water Canyon Paleoindian Site / Pollen Analysis*
Robert D. Dello-Russo / OAS
Museum of NM Foundation / Friends of Archaeology Mini-Grant
- 2011 \$3000 *Water Canyon Paleoindian Site / Pollen Analysis*
Robert D. Dello-Russo / OAS
Private Donation
- 2011 \$675 *Water Canyon Paleoindian Site / Bison bone dating*
Robert D. Dello-Russo / OAS (revised from original 2004 award)
New Mexico Archaeological Council Grant, Albuquerque, NM.
- 2010 \$1,085 *Analysis of soil and radiocarbon samples / Caja del Rio and Water Canyon Paleoindian sites.*
Robert D. Dello-Russo / OAS
Museum of NM Foundation / Friends of Archaeology Mini-Grant
- 2010 \$5,000 *Water Canyon Paleoindian Site / wages & per diem for 2 Field Directors and per diem for Pollen specialist.*
Robert D. Dello-Russo / OAS through Museum of NM Foundation
Curtis T. and Mary G. Brennan Foundation
- 2010 (\$4,800 value) for 12 radiocarbon dates at no charge *Radiocarbon Dates on Charcoal & Bulk Soil from the Water Canyon Site.*
Robert D. Dello-Russo / OAS
University of Arizona AMS Facility / AARF
- 2010 \$2,500 *Water Canyon Paleoindian Site / 2 OSL dates, 1 14C date on bulk soil, pilot pollen analysis, additional analyses.*
Robert D. Dello-Russo / OAS

- 2010 Museum of New Mexico Foundation / Friends of Archaeology - Various sponsors
\$2,100 *Caja del Rio Paleoindian Site / 3 OSL dates*
Robert D. Dello-Russo / OAS
- 2009 Bureau of Land Management / Taos District, NM
\$6,500 *Water Canyon Site Archaeological Mapping and Testing*
Robert D. Dello-Russo and Patricia A. Walker / ERG
Argonaut Archaeological Research Fund, University of Arizona, Tucson.
- 2009 (\$1,600 value) for 4 AMS dates at no charge *Radiocarbon Dates on Charcoal and Bulk Soil from the Water Canyon Site.*
Robert D. Dello-Russo / ERG
University of Arizona AMS Facility / AARF
- 2008 \$1,000 *Photographic and Metric Documentation of Early Diagnostic Artifacts from the Bockman Collection.*
Robert D. Dello-Russo, James Moore & Gavin Bird / OAS
Museum of New Mexico Foundation / Friends of Archaeology Mini-Grant.
- 2006 \$15,000 *Paleoindian Investigations at Lemitar Shelter Site, Sevilleta National Wildlife Refuge, Socorro County, NM.*
Robert D. Dello-Russo and Patricia A. Walker / ERG
Argonaut Archaeological Research Fund, University of Arizona, Tucson.
- 2004 (\$2,400 value) for 6 AMS dates at no charge *Radiocarbon Dates on Charcoal Samples from Lemitar Shelter*
Robert D. Dello-Russo / ERG
University of Arizona AMS Facility / AARF
- 2003 \$18,000 *Paleoindian Investigations at Lemitar Shelter Site, Sevilleta National Wildlife Refuge, Socorro County, NM.*
Robert D. Dello-Russo and Patricia A. Walker / ERG
Argonaut Archaeological Research Fund, University of Arizona, Tucson.
- 2001 \$2,000 *Preliminary Archaeological Research at Lemitar Shelter (LA 18139).*
Robert D. Dello-Russo / ERG
NM Department of Cultural Affairs, Historic Preservation Division
- 2000 \$1,995 *A Geochemical Study of Silicified Rhyolite from Two Prehistoric Quarries Using XRF.*
Robert D. Dello-Russo / ERG
NM Department of Cultural Affairs, Historic Preservation Division
- 1993 \$150 *Constructing a Faunal Transport Model / Laboratory Analysis, University of Wyoming.* Travel costs.
Robert D. Dello-Russo / UNM
University of New Mexico, Department of Anthropology

Presented Papers, Posters and Invited Public Lectures

- 2013 (with Susan Smith)
The Water Canyon Paleoindian Site: A Significant Archive of Paleoclimatic Data for the Early Holocene in West-Central New Mexico. Paper presented at the 125th Anniversary Geological Society of America, Topical Session 24: Climate Change in the Interior Western United States from the Last Glacial Maximum to the Holocene.
Denver, CO

- 2013 *The Water Canyon Paleoindian Site – A Multi-Component Site at a Focal Wetland Resource in West-Central New Mexico.* Poster presented at the Paleo-American Odyssey Conference, Santa Fe, NM.
- 2013 *Rethinking Paleoindians in Northern New Mexico: Landscape, Mobility and Research Potential.* Paper presented at the Rocky Mountain Anthropology Conference; Symposium: Rocky Mountain Paleoindian Archaeology, 1993-2013: What We Know Now That We Didn't Know Then; Taos, NM.
- 2012 (with Stephen Lentz, Linda Scott Cummings, Chad Yost and Pamela McBride) *Evidence for Domesticates at an Early Agricultural Period Site near Deming, New Mexico.* 17th Biennial Mogollon Archaeology Conference, October 4-6, Western New Mexico University Museum, Silver City.
- 2012 *Paleo-Indian Ecology: The Early Holocene at the Water Canyon Site in West-Central New Mexico.* Southwest Seminars- Ancient Sites, Ancient Stories, 1-23-12, Santa Fe, NM.
- 2011 *The Water Canyon Paleoindian Site: Paleoenvironmental Inferences for the Pleistocene-Holocene Transition.* Pre-Ceramic Hunters, Foragers, and Early Farmers in New Mexico - 2011 New Mexico Archeological Council Fall Conference, Albuquerque.
- 2011 (with Susan Smith) *A Paleoindian Sense of Place: Snapshots of the Early Holocene Environment in West-Central New Mexico. "From Lubbock Lake to Lehner Ranch: Paleoindian Chronologies, Technologies, Paleoenvironments, and Land-Uses Across the Southern High Plains – Southwest Boundary"* Symposium at the 69th Plains Anthropological Conference, Tucson, AZ.
- 2011 *Paleoindians at the Water Canyon Site. Recent Archaeological Discoveries in Socorro County, NM.* Taos Archaeological Society, 7-6-11, Fort Burgwin, Taos.
- 2011 *Paleoindians at the Water Canyon Site. Recent Archaeological Discoveries in Socorro County, NM.* Sierra Club, 2-22-11, Sevilleta National Wildlife Refuge, Socorro County, NM.
- 2011 *Paleoindians at the Water Canyon Site. Recent Archaeological Discoveries in Socorro County, NM.* Albuquerque Archaeological Society, 2-15-11, Albuquerque, NM.
- 2010 *Paleoindians and Persistent Places: Recent Discoveries at the Water Canyon Site, Socorro, NM.* Santa Fe Archaeological Society meeting, 10-18-10, Santa Fe, NM.
- 2010 *Thoughts about Paleoindians and Persistent Places on the Landscape: Recent Discoveries at the Water Canyon Site, Socorro County, NM.* Philmont Archaeological Conference, Cimarron, NM.
- 2010 *A Paleoindian Oasis? Interdisciplinary Discoveries at the Water Canyon Site.* Presentation for OAS Brownbag Series, 2-23-2010, Santa Fe, NM.
- 2010 *Did Paleoindians Occupy Lemitar Rockshelter? The Chronology and Geoarchaeology of a Deeply Stratified Site in Socorro County, NM.* Presentation to the NM Chapter of the Sierra Club, 2-16-2010, Sevilleta National Wildlife Refuge
- 2009 *Got Water? Modeling the Early Use of Maize in Regions of the Southwest.* Paper presented to Dept. of Earth & Environmental Science, NM Institute of Mining and Technology, 10-26-09, Socorro, NM.
- 2009 *Late Paleoindian Mobility in Northern New Mexico.* Archaeological Society of New Mexico Annual Meeting – "Between the Mountains – Beyond the Mountains." 5-2-2010, Taos, NM.
- 2008 *Always Different? Santa Fe and the Northern Rio Grande in Early Prehistory.* Southwest Seminars, 1-18-2008, Santa Fe, NM.

- 2006 *Patterns in Corn and Stone: Mapping the Prehistoric Introduction of Maize into New Mexico*. 1st Natural History of the Gila Symposium, Western New Mexico University, Silver City, NM.
- 2006 *Recent Work at Late Paleoindian Sites on the Sargent Wildlife Refuge near Chama, NM*. Paper presented at the 2006 Pecos Conference, Navajo Reservoir, NM.
- 2005 *The First Radiocarbon Dates from Lemitar Shelter: Implications for Early Holocene Archaeology in the Southwest*. 70th Meeting of Society for American Archaeology, Salt Lake City, UT.
- 2004 *Past and Present at Lemitar Shelter, A Deep Stratified Rock Shelter in West-central New Mexico*. Brown Bag Series at the Maxwell Museum, University of New Mexico, Albuquerque, NM.
- 2004 *The 2003 Field Season at Lemitar Shelter, New Mexico*. Paper presented to the Friday Morning Breakfast Club, Denver, CO.
- 2003 *Early Anasazi Farmers and the Worst Drought in 2000 Years*. Paper presented to the Friday Morning Breakfast Club, Denver, CO.
- 2003 *How the Use of Multiple Data Sets Helps Us Understand the Transition from Foraging to Farming*. Roaring Fork Valley Chapter, Colorado Archaeological Society, Glenwood Springs, CO.
- 2001 *Results of XRF Analysis of Materials from Two Prehistoric Quarries Near Socorro, New Mexico*. 66th Annual Meeting of Society for American Archaeology, New Orleans, LA.
- 2000 *The Responses of Basketmaker II Foragers to Climatic Stress in the Middle Rio Grande Valley of New Mexico*. Sixth Occasional Anasazi Symposium, San Juan College, Farmington, NM.
- 2000 *Living on the Edge of the Archaic*. Keystone Heritage Park, El Paso, TX.
- 2000 *Climate-Driven Changes in Prehistoric Foraging Behavior, Middle Rio Grande Valley, New Mexico*. New Mexico Historic Preservation Week at Coronado State Monument, Bernalillo, NM.
- 1994 *Archaic Adaptations in the Rocky Mountains: Recent Archaeological Research*. Hisatsinom Chapter, Colorado Archaeological Society, Cortez, CO.
- 1994 *Mapping Archaeological Sites: Basic Techniques and Tools*. NMAC Workshop: Mapping and Remote Sensing at the Site Level, Albuquerque, NM.

Teaching and Public Outreach

- 2011 *The La Junta Quarry Project*. One-day documentation and source sampling of prehistoric lithic procurement area, Taos County, with members of Taos Archaeological Society. XRF work awaiting funding.
- 2009-11 *The Rio Salado Cannon Finding Expedition* – Organized ARPA permit from US Fish & Wildlife Service and Special Use Permit from Sevilleta National Wildlife Refuge to expedite exploration for Sibley's Civil War cannons for Dick Teel, Dr. Malcolm Morrison and Rich Higgins.
- 2008 *An Introduction to Egyptian Civilization and the Golden Age, by Dr. Mohamed El Bialy, Dr. Tarik Hassan & Mr. Moustafa Waziry*. Organized lecture for Museum of New Mexico Foundation and the Council on International Relations, Greer Garson Theater, College of Santa Fe.
- 2002 *Prehistoric Petroglyphs and Ruins at San Acacia, NM*. Educational tour with Young Explorers, Cottonwood Valley Charter School, Socorro, NM.
- 2001 *The Prehistory of the San Pasqual and San Pasqualito Ancestral Puebloan Sites*, 4WD tour and public presentation at Festival of the Cranes, Bosque del Apache NWR, NM.

- 2001 *How Do We Know? Hands-on Archaeological Workshop*, Saracino Middle School Students, Annual Career Day held at Sevilleta National Wildlife Refuge, NM.
- 2001 *Educational tours of Camelot-on-San Augustin site complex, Gallinas Springs site and Bowling Green Pueblo and Petroglyph sites* for Socorro Friends of Archaeology.
- 2000 *Calamity Camp and Rajah 49 for Colorado BLM Uranium Mines Mitigation Program*. Mapping of architectural structures and features at Historic uranium mining settlements for public education and interpretation about a National Register District.
- 1999 *The Prehistory of New Mexico from an Ecological Perspective*. Lecture series for "Natural History of the Southwest"; University of New Mexico / Valencia Campus.
- 1998 *Archaeology along Navajo Road Five: The Archaic Occupations at Site NM-H-38-166*. Short lecture series presented at the Burnham and Newcomb Chapter Houses and the Newcomb High School of the Navajo Nation.
- 1996 *A Brief Overview of Rio Abajo Prehistory and History*. Presented at Naturalist's Training Session, Bosque del Apache National Wildlife Refuge, Socorro, NM.
- 1995 *Identification of Lithic, Ceramic, and Groundstone Artifacts During Systematic Archaeological Surveys*. Workshop presented to the Beneficial Farms Community, Santa Fe, NM.
- 1994 *Archaeology at the New Mexico Comprehensive Regional Center for Minorities* (Community Academy for Science and Math) – Hands on archaeology lectures & field school for junior high school students, Socorro Public Schools, Socorro, NM.

Professional Memberships

Society for American Archaeology
 Archaeological Institute of America
 Geological Society of America
 Center for the Study of the First Americans
 Archaeological Society of New Mexico

Related Training

- 2013 (April 3-4) *Section 106: A Review for Experienced Practitioners* – National Preservation Institute, Santa Fe, NM.
- 2012 (October 18-19) *GIS: Practical Applications for Cultural Resource Projects* – National Preservation Institute, Santa Fe, NM.
- 2011 (April 8) *Renewable Energy Development: Impacts on Cultural Resources* – National Preservation Institute, Santa Fe, NM.
- 2011 (January) *Life Cycle NEPA Workshop* – Global Environmental Management Systems.
- 2006 (June) *NHPA Section 106 - Compliance & Consultation* – Advisory Council on Historic Preservation, Denver, CO.
- 2000 (August) *NHPA Section 106 - Compliance in the New Regulatory Environment* - SRI Foundation, Albuquerque, NM.
- 1994 to 2000 *Hazardous Waste Operations 40 hour certification* – Technical Training Institute, Albuquerque, NM