

2023 CURRICULUM VITA -- ARCHAEOLOGY

MATTHEW F. SCHMADER, PhD

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EDUCATION

- 1982 Bachelor of Arts, Anthropology. University of New Mexico, Albuquerque.
1984 Master of Arts, Anthropology. University of New Mexico, Albuquerque.
1994 Doctor of Philosophy, Anthropology (Archaeology emphasis).
University of New Mexico, Albuquerque.

PROFESSIONAL EXPERIENCE

- 1983-85 Cartographer, Office of Contract Archeology. University of New Mexico.
1985-06 Principal Investigator/Owner. Rio Grande Consultants Inc. Albuquerque.
1991-94 Program Manager, Open Space Division. City of Albuquerque Parks and Recreation
Department.
1994-05 Assistant Superintendent, Open Space Division. City of Albuquerque Parks and Recreation
Department.
2005-16 Superintendent, Open Space Division. City of Albuquerque Parks and Recreation
Department.
2007-16 City Archaeologist, City of Albuquerque Planning Department.
2013-23 Adjunct Associate Professor of Archaeology, Department of Anthropology, University of
New Mexico.

PUBLICATIONS and MAJOR REPORTS—Primary Author

- 1985a *Excavation and Interpretation of the Bear Canyon Site.* Office of Contract Archeology,
University of New Mexico. Albuquerque.
1985b *Las Imagenes: The Archaeology of Albuquerque's West Mesa Escarpment.* For City of
Albuquerque and State Historic Preservation Division, John D. Hays co-author. Rio Grande
Consultants, Albuquerque.
1986 *Archaeological Resources of the Piedras Marcadas Arroyo Area.* For City of Albuquerque.
Rio Grande Consultants, Albuquerque.
1989 *Historical Archaeology of "Hell's Half-Acre" : The Hyatt Regency Hotel Site in
Downtown Albuquerque.* Rio Grande Consultants Inc., Albuquerque.
1990a *An Intensive Archaeological Survey of 915 Acres in Unit 20 Phase I, Rio Rancho NM.*
Rio Grande Consultants Inc., Albuquerque.
1990c *Archaeological Data Recovery at Five Sites near Cerro Colorado in the Elena Gallegos
Land Exchange, Rio Puerco Valley NM.*
Rio Grande Consultants Inc., Albuquerque.
1994a *Early Puebloan Site Structure and Technological Organization in the Middle Rio Grande
Valley, New Mexico.* Unpublished PhD dissertation, University of New Mexico.
1994b *Cultural Resources Management Program and Data Recovery Plan for Archaeological
Sites in Unit 20 West and East, Rio Rancho Estates, NM.* Rio Grande Consultants Inc.,
Albuquerque. Tierra Contenta (1994)

PUBLICATIONS and MAJOR REPORTS—Primary Author (continued)

- 2006 *The Hawk Project: Archaeological Data Recovery at Ten Archaeological Sites in Unit 25, Rio Rancho Estates NM.* Michael J. Dilley co-author. Rio Grande Consultants Inc., Albuquerque.
- 2008 *Summary of Research Activities at Piedras Marcadas Pueblo (LA 290), First Annual Report.* Open Space Division, City of Albuquerque. Report on file, Historic Preservation Division, Santa Fe.
- 2009 *Summary of Research Activities at Piedras Marcadas Pueblo (LA 290), Second Annual Report.* Open Space Division, City of Albuquerque. Report on file, Historic Preservation Division, Santa Fe.
- 2010 *Summary of Research Activities at Piedras Marcadas Pueblo (LA 290), Third Annual Report.* Open Space Division, City of Albuquerque. Report on file, Historic Preservation Division, Santa Fe.
- 2011 Thundersticks and Coats of Iron: Recent Discoveries at Piedras Marcadas Pueblo, NM. In *The Latest Word from 1540*, Richard Flint and Shirley Flint (editors). University of New Mexico Press, Albuquerque.
- 2014a New Light on the Coronado Expedition. In *Building Transnational Archaeologies*, edited by Elisa Villapando and Randall McGuire, Arizona State Museum.
- 2014b Tracking Coronado in the Río Grande Valley: A New Look at First Contact. *El Palacio*, Magazine of the Museum of New Mexico, Santa Fe.
- 2015a Archaeology IS Anthropology: Lewis R. Binford's Dynamic Contributions to Archaeological Theory and Practice. (Pei-Lin Yu and Matthew Schmader, editors). *Journal of Anthropological Archaeology*, Special Issue. Volume 38, June 2015.
- 2015b Ethnoarchaeological Observation and Archaeological Patterning: A Processual Approach to Studying Sedentism and Space Use in Pitstructures from Central New Mexico, by Matthew Schmader and Martha Graham. In Archaeology IS Anthropology: Lewis R. Binford's Dynamic Contributions to Archaeological Theory and Practice. (Pei-Lin Yu and Matthew Schmader, editors). *Journal of Anthropological Archaeology*, Special Issue. Volume 38, June 2015.
- 2016a How Tribal Consultation and Geophysics Led to a Better Understanding of the Vázquez de Coronado Expedition, 1540-1542. *Advances in Archaeological Practice*, Volume 4, Number 1.
- 2016b Coronado in the Tiguex Province, 1540-1542. In *History and Archaeology-- Connecting the Dots, Papers in Honor of David H. Snow*, edited by Emily J. Brown, Carol J. Condie, and Helen K. Crotty. Papers of the Archaeological Society of New Mexico, Volume 42, Albuquerque.
- 2016c The Slingstones and Arrows of Unfortunate Outrage: Vázquez de Coronado and the Tiguex War of 1540-1542. In *Preserving Fields of Conflict: Papers from the 2014 Fields of Conflict Conference and Preservation Workshop*, edited by Steven D. Smith, South Carolina Institute of Archaeology and Anthropology, University of South Carolina, Columbia.
- 2017a The Peace that was Granted had not been Kept. In *New Mexico and the Pimeria Alta: The Colonial Period in the American Southwest* (John Douglass and Billy Graves, editors), University of Colorado Press.
- 2017b Like No Other Place: Albuquerque's Archaeological Odyssey. In *Studies in Urban Archaeology* (Sherene Baugher, Douglass Appler, William Moss, editors). Springer Press.

PUBLICATIONS and MAJOR REPORTS—Primary Author (continued)

- 2019 One Battle, Many Cultures: Vázquez de Coronado and the "Tiguex War" of 1540-1542. In Fields of Conflict Conference, 2018, Pequot Museum, *Conference Proceedings, Vol. 2*, edited by Nikita Moreira, Michael Derderian, and Ashley Bissonnette, pp. 18–35. Mashantucket Pequot Museum and Research Center, Mashantucket, Connecticut.
- 2020 The Archaic to Early Ancestral Pueblo Transition in the Middle Rio Grande Valley: Examining a 4,000 Year-Long Record. In *A Lifelong Journey: Papers in Honor of Michael P Marshall* (Emily J. Brown, Matthew J. Barbour, and Genevieve N. Head, editors), pp 243-263. Archaeological Society of New Mexico, Albuquerque.
- 2021a *Coronado in Perspective: Reflections on the Past 35 Years of Investigation, 1985-2020* (Bradley J. Vierra co-author). In *A Friend of Kuaua Papers in Honor of James Conder*, edited by Emily J. Brown, Matthew J. Barbour, Jeffrey L. Boyer, and Genevieve N. Head, pp. 245-267. Papers of the Archaeological Society of New Mexico 47. Albuquerque.
- 2021b *Household Archaeology at the Bridge River Site, British Columbia: Spatial Distributions of Features, Lithic Artifacts, and Faunal Remains on Fifteen Anthropogenic Floors from Housepit 54*. Anna Prentiss et al. (contributing author). University of Utah Press, Salt Lake City.
- 2021c *Crucial Century: The Pre-Contact and Earliest Contact Periods (Circa 1460-1560 C.E.) in the Southern Tiwa Area, Central NM*. Summary of Research Activities at Piedras Marcadas Pueblo (LA 290), Fifth Report. Report on file, New Mexico Historic Preservation Division, Santa Fe. researchgate.net/publication/358320295
- 2021d *Stand-Off at Tiguex: Inter-Ethnic Conflict, Pueblo Resistance, and the 1540-1542 Vázquez de Coronado Expedition to the Río Grande Valley, New Mexico*. Final Technical Report submitted to American Battlefield Protection Program, National Park Service, Washington DC. researchgate.net/publication/358282121
- 2023a Volume editor, *Archaeology at the Edges: Boundaries, Transitions, Change, and Causes* with Wes Wardle, Robert Hitchcock, and Pei-LinYu (co-editors), University of Press of Florida, Gainesville.
- 2023b At the Edges of Food Production: The Archaic to Ancestral Pueblo Transition in Central New Mexico. In *Archaeology at the Edges: Boundaries, Transitions, Change, and Causes*. edited by Wes Wardle, Robert Hitchcock, Matthew Schmader, and Pei-LinYu. University of Press of Florida, Gainesville.
- 2023c Pueblo Resistance and Inter-Ethnic Conflict: The 1540-1542 Vázquez de Coronado Expedition to the Middle Río Grande Valley, New Mexico. *The Kiva*, Vol 89 (1).

PAPERS PRESENTED

- 1994 *Spatial Analysis of Rock Art Sites at Petroglyph National Monument, Albuquerque NM*. Paper presented at the 59th annual conference of the Society for American Archaeology, Anaheim CA.
- 1995 Paper presented at the 60th annual conference of the Society for American Archaeology, Minneapolis MN.
- 1996 *Identification and Analysis of Bird Iconography at Petroglyph National Monument*. Paper presented at the 61st annual conference of the Society for American Archaeology, New Orleans LA.
- 1998 *Structure Function and Interior Spatial Organization of Early Puebloan Pithouses in the Middle Rio Grande Valley*. Paper presented at the 63rd annual conference of the Society for American Archaeology, Seattle WA.

PAPERS PRESENTED (continued)

- 2000 *Gimme Shelter: Archaic Structures in the Middle Rio Grande Valley, NM.* Poster presented at the 65th annual conference of the Society for American Archaeology, New Orleans LA.
- 2007 *Probing the Past, Resisting Excavation: Results of Resistivity Surveys at Piedras Marcadas Pueblo, Albuquerque, New Mexico.* by Christine Markussen, Matthew Schmader, Christopher Dore, Clay Mathers, and Jessica Ogden. Poster presented at the 72nd annual conference of the Society for American Archaeology, Austin TX.
- 2008a *Where have all the Entradas Gone?* Paper presented at the annual conference of the Society for Historic Archaeology, Albuquerque (with Joseph P. Sanchez).
- 2008b *Nailing Down Coronado: Assemblage and Tactics of a 16th Century Spanish Entrada in the Tiguex Province of Nuevo Mexico.* Paper presented at the 73rd annual conference, Society for American Archaeology, Vancouver.
- 2009 *Spanish Exploration of la Nueva Mexico: Comparing 16th Century Expeditions of the American Southwest and Continental Interior.* Paper presented at the 74th annual conference, Society for American Archaeology, Atlanta. (with Joseph P. Sanchez)
- 2010a *New Light on the Coronado Expedition.* Paper presented at the 12th Bi-Annual Southwest Symposium, Hermosillo.
- 2010b *It's About Space: Two Examples in Site Structure.* Paper presented for "Celebrating 50 Years with Lew Binford" symposium at the 75th annual conference, Society for American Archaeology, St. Louis.
- 2011 *Coronado in the Tiguex Province, 1540-1542.* Paper presented at the 76th annual conference, Society for American Archaeology, Sacramento.
- 2012a *A World Forever Changed: Coronado in the Tiguex Province, 1540-1542.* Poster presented at the 13th Bi-Annual Southwest Symposium, Albuquerque.
- 2012b *The Peace that was Granted had not been Kept: Coronado in the Tiguex Province, 1540-1542.* Paper presented at the 77th annual conference, Society for American Archaeology, Memphis.
- 2012c *Ethnoarchaeological Observation and Archaeological Patterning: A Processual Approach.* (Martha Graham and Matthew Schmader). Paper presented at the 77th annual conference, Society for American Archaeology, Memphis.
- 2012d *The Slingstones and Arrows of Unfortunate Outrage: Coronado in the Tiguex Province, 1540-1542.* Paper presented at the 85th annual Pecos Conference, Pecos NM.
- 2013 *Contact, Conflict, and Accommodation at Petroglyph National Monument.* Paper presented to the International Federation of Rock Art Organizations, International Congress, Albuquerque.
- 2014a *The Slingstones and Arrows of Unfortunate Outrage: Vázquez de Coronado and the Tiguex War of 1540-1542.* Paper presented at the 8th Bi-Ennial Fields of Conflict conference, Columbia SC.
- 2014b *The Slingstones and Arrows of Unfortunate Outrage: Vázquez de Coronado in the Tiguex Province, 1540--1542.* Paper presented at the 79th annual conference, Society for American Archaeology, Austin.
- 2015a *Worlds Forever Changed: The Impact of Conflict and Colony in the "New World"* Symposium organizer, 80th annual conference, Society for American Archaeology, San Francisco.
- 2015b *They had so Many Stones to Hurl: Evidence of Inter-Indigenous Conflict on the Vázquez de Coronado Expedition, 1540-1542* Paper presented at the 80th annual conference, Society for American Archaeology, San Francisco.

PAPERS PRESENTED (continued)

- 2015c *Inter-Indigenous Conflict and the Vázquez de Coronado Expedition of 1540-1542 to the American Southwest.* Paper presented at the first biennial conference on Warfare, Environment, Social Inequality, and Peace Studies, Sevilla, Spain.
- 2016a *Hybrids, Chimeras, and Shape-shifters in Rock Imagery of the Puebloan Southwest.* Paper presented at the 81st annual conference, Society for American Archaeology, Orlando.
- 2016b *Evolutionary Trajectories in Household Architecture, Settlement Patterns, Technology, and Subsistence: A 4000 Year-Long Record from the Middle Rio Grande Valley, New Mexico.* Paper presented at the 4th annual Northwest Evolution, Ecology, and Human Behavior conference, Boise.
- 2016c *The Structure of Battle: Vázquez de Coronado and Evidence of Expeditionary Conflict in the American Southwest, 1540– 1542.* Paper presented at the 9th International Fields of Conflict conference, Dublin.
- 2017a *Hybrid Forms, Composite Creatures, and Mythic Narrative in Rock Imagery of the Puebloan Southwest.* Paper presented at the 82nd annual conference, Society for American Archaeology, Vancouver.
- 2017b *Long-Term Occupations of the West Mesa and Rio Grande Valley: Evidence for In-Place Continuity or Separate Populations?* Paper presented at the Archaeological Society of New Mexico annual conference, Moriarty NM.
- 2017c *Warfare, Environment, and Social Inequality of the Vázquez de Coronado Expedition of 1540-1542.* Paper presented at the second biennial conference on Warfare, Environment, Social Inequality, and Peace Studies, Sevilla, Spain.
- 2018a *Evolutionary Change in Household Architecture, Settlement Patterns, and Subsistence Technology: A 4000 Year-Long Record from the Middle Rio Grande Valley, New Mexico.* Paper presented at the 83rd annual conference, Society for American Archaeology, Washington DC.
- 2018b *One Battle, Many Cultures: Vazquez de Coronado and the 'Tiguex War' of 1540-1542.* Paper presented at the 10th Biennial Fields of Conflict conference, Mashantucket CT.
- 2019a Symposium organizer: *The Archaeologies of Contact, Colony, and Resistance.* Symposium presented at the 84th annual conference, Society for American Archaeology, Albuquerque.
- 2019b *The Persistence of Resistance: Resiliency and Survival in the Pueblo World, 1539-1696.* Paper presented at the 84th annual conference, Society for American Archaeology, Albuquerque.
- 2019c Session co-organizer and discussant, *Archaeology on the Edge(s): Transitions, Boundaries, Changes, and Causes.* Symposium presented at the 84th annual conference, Society for American Archaeology, Albuquerque.
- 2020 *First Contact, Pueblo Resistance, and Multiethnic Conflict on the Vázquez de Coronado Expedition of 1540–1542.* Paper presented at the 85th annual conference, Society for American Archaeology, Austin TX.
- 2021a *First Contact, Pueblo Resistance, and Multi-Ethnic Conflict on the Vázquez de Coronado Expedition of 1540-1542.* Paper presented at the 86th Annual Conference, Society for American Archaeology, San Francisco CA.
- 2021b *Worlds Forever Changed: Vazquez de Coronado and Pueblo Resistance in the Middle Rio Grande Valley, 1540-1541.* Paper presented at the 94th annual Pecos Conference, Mancos CO.
- 2022a *Interethnic Conflict, Puebloan Resistance, and the Vázquez de Coronado Expedition to Central New Mexico (1540–1542).* Paper presented at the 87th annual conference, Society for American Archaeology, Chicago IL.

PAPERS PRESENTED (continued)

- 2022b *First Contact and Inter-indigenous Conflict: Vázquez de Coronado and War with the Southern Tiwa of Central New Mexico, 1540-152.* Paper presented at the 11th Bi-annual conference, Fields of Conflict, Edinburgh.
- 2022c *Evidence of Inter-Ethnic Conflict and Puebloan Resistance on the Vázquez de Coronado Expedition to Central New Mexico (1540- 1542).* Paper presented at the 4th Bi-annual conference on Warfare, Environment, Social Inequality, and Peace Studies (WESIPS), Sevilla, Spain.
- 2023a *Artifact and Identity: Seeking Cultural Markers on the Vázquez de Coronado Expedition, 1540-1542.* Paper presented at the Society for Historical Archeology, Lisbon, Portugal.
- 2023b *From Contact to Colony at the Edge of the Tiguex Province.* Paper presented at the 88th annual conference, Society for American Archaeology, Portland OR.

PUBLICATIONS and MAJOR REPORTS—Principal Investigator

- 1992 *Results of National Register Eligibility Testing for Eight Archaeological Sites Located in Unit 20 East Phase I, Rio Rancho NM.* By James M. Brandi and Michael D. Kennedy. Rio Grande Consultants Inc., Albuquerque.
- 1993 *An Intensive Archaeological Survey of 1,200 Acres in Unit 20 West Phase I, Rio Rancho NM.* By James M. Brandi. Rio Grande Consultants Inc., Albuquerque.
- 1994 *National Register Eligibility Testing of Thirty-two Sites in Unit 20 West and Three Sites in Unit East, Rio Rancho NM.* By James M. Brandi and Michael D. Kennedy. Rio Grande Consultants Inc., Albuquerque.
- 1995a *An Intensive Archaeological Survey of 851 Acres within Unit 22, Rio Rancho NM.* By James M. Brandi. Rio Grande Consultants Inc., Albuquerque.
- 1995b *National Register Eligibility Testing of Eight Sites within Unit 22, Rio Rancho NM.* By James M. Brandi. Rio Grande Consultants Inc., Albuquerque.
- 1998a *Archaeological Investigation of Fourteen Sites in Unit 22 (Northern Meadows), Rio Rancho NM.* By James M. Brandi and Michael Dille. Rio Grande Consultants Inc., Albuquerque.
- 1998b *The Hawk Survey: Intensive Archaeological Survey of 550 Acres in Unit 25, Rio Rancho Estates NM.* By Michael D. Kennedy, Michael Dille, and David Barsanti. Rio Grande Consultants Inc., Albuquerque.
- 1998c *Archaeological Investigations of Nine Sites in Unit 20 East, Rio Rancho NM.* By Michael D. Kennedy, James Brandi, and Robert Dello-Russo. Rio Grande Consultants Inc., Albuquerque.
- 1999a *The Hawk Survey: National Register Eligibility Testing of Eight Sites in Unit 25, Rio Rancho Estates NM.* By Michael D. Kennedy, Michael Dille, and David Barsanti. Rio Grande Consultants Inc., Albuquerque.
- 1999b *Results of the 1992-1994 Archaeological Resource Inventory, Petroglyph National Monument NM.* By James M. Brandi, Eric J. Brunnemann, Michael Medrano, and Matthew F. Schmader. National Park Service, Albuquerque.
- 2006 *Archaeological Data Recovery at Four Sites in Lomas Encantadas (Unit 20 South), Rio Rancho NM.* By Michael J. Dille. Rio Grande Consultants Inc., Albuquerque.
- 2017c *The Lomas Encantadas Project: Long-Term Land Use and Investigations of Twenty Archaeological Sites in Unit 20 South, Rio Rancho Estates, NM.* Michael J. Dille co-author. Rio Grande Consultants Inc., Albuquerque.

PUBLICATIONS and MAJOR REPORTS—Principal Investigator (continued)

- 2021a *Crucial Century: The Pre-Contact and Earliest Contact Periods (circa 1460-1560 C.E.) in the Southern Tiwa Area, Central NM.* Summary of Research Activities at Piedras Marcadas Pueblo (LA 290), Fifth Report. City of Albuquerque and University of New Mexico Department of Anthropology.
- 2021b *Stand-Off at Tiguex: Inter-Ethnic Conflict, Pueblo Resistance, and the 1540-1542 Vázquez de Coronado Expedition to the Rio Grande Valley, New Mexico.* Final Technical Report submitted to American Battlefield Protection Program, National Park Service, Washington DC. researchgate.net/publication/358282121
- 2022 *Search for Truth and Healing: History and Archaeology at the Albuquerque Indian School.* (Jennie O. Sturm, co-author). Report prepared for Parks and Recreation Department, City of Albuquerque.

FIELDWORK HISTORY—MAJOR PROJECTS

- 1980-82 Crew Chief, Chamisal Pueblo (LA 22765) excavations. Los Ranchos de Albuquerque.
- 1985 Principal Investigator, Rio Grande Consultants. Archaeological survey of West Mesa petroglyphs (Las Imagenes District), Albuquerque.
- 1986-89 Principal Investigator, Rio Grande Consultants. Archaeological data recovery. Rio Puerco valley, NM.
- 1986 Principal Investigator, Rio Grande Consultants. Archaeological survey of Piedras Marcadas Canyon. Albuquerque, NM.
- 1988-89 Principal Investigator, Rio Grande Consultants. Archaeological data recovery at Hyatt Regency site. Albuquerque, NM.
- 1988-91 Principal Investigator, Rio Grande Consultants, Inc. Archaeological data recovery at River's Edge. Rio Rancho, NM.
- 1990 Principal Investigator, Rio Grande Consultants, Inc. Archaeological data recovery at Tierra Contenta. Santa Fe, NM.
- 1990-92 Principal Investigator, Archaeological survey, testing, and data recovery at Enchanted Hills South and Enchanted Hills West. Rio Rancho, NM.
- 1991 Principal Investigator, Rio Grande Consultants, Inc. Archaeological survey and data recovery at North Hills. Rio Rancho, NM.
- 1991-92 Principal Investigator, Rio Grande Consultants. Archaeological survey, testing, and data recovery at Enchanted Hills East. Rio Rancho, NM.
- 1992-17 Principal Investigator, Rio Grande Consultants. Archaeological survey, testing, and data recovery at Enchanted Hills East. Rio Rancho, NM.
- 1994-98 Principal Investigator, Archaeological survey of Petroglyph National Monument. Albuquerque, NM. For City of Albuquerque and National Park Service.
- 2019-21 Principal Investigator, National Park Service American Battlefield Protection Program grant, Piedras Marcadas Pueblo Research Project, Albuquerque, NM.
- 2000-23 Principal Investigator, University of New Mexico and City of Albuquerque. Piedras Marcadas Pueblo Research Project, Albuquerque, NM.
- 2022-23 Principal Investigator, National Park Service American Battlefield Protection Program grant, Piedras Marcadas Pueblo Research Project, Albuquerque, NM.