

Curriculum Vitae

Hannah Victoria Mattson

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EDUCATION

2015 PhD, Anthropology, University of New Mexico (with distinction)
2002 MA, Anthropology, University of New Mexico
2000 BA, Anthropology, Oregon State University

EMPLOYMENT

2018 – present Assistant Professor, Department of Anthropology, University of New Mexico
2017 – 2018 Western Region Manager and Senior Principal Investigator, Algonquin Consultants
2015 – 2017 Postdoctoral Fellow, Department of Anthropology, University of New Mexico
2013 – 2015 Cultural Resources Principal Investigator, Marron and Associates
2012 – 2013 Senior Archaeologist, Office of Contract Archeology, University of New Mexico
2011 – 2012 Cultural Resources Project Director, Parametrix, Inc.
2007 – 2011 Archaeology Field Director, Criterion Environmental Consulting

GRANTS, FELLOWSHIPS, and AWARDS

University of New Mexico Postdoctoral Fellowship, Anthropology Department (Dr. Patricia Crown) (\$104,000)
National Science Foundation Dissertation Improvement Grant (\$14,442)
Hibben Foundation Doctoral Research Award (\$15,000)
Hibben Foundation Senior Graduate Fellowship (two awards, \$29,000 total)
University of New Mexico Graduate Research Development Grant (two awards, \$3600 total)
University of New Mexico Student Research Allocations Committee (SRAC) Grant (two awards, \$1000 total)
University of New Mexico Graduate Research Travel Grant (\$500)
Julian D. Hayden Paper Award, Arizona Archaeological and Historical Society

RESEARCH INTERESTS

Ceramic technology, personal adornment, materiality, social identity, ritual practice, agricultural production and agrarian settlement organization, public archaeology, US Southwest, Chaco Canyon, Northern and Middle Rio Grande Valley

SELECTED FIELDWORK

Director, Tonque Agrarian Landscape Project, excavation and survey of Classic Period field houses and agricultural features, Diamond Tail Ranch, New Mexico. UNM archaeology field schools, 2017 and 2018

Director, Eastern Red Mesa Valley Project, New Mexico. Survey and site recording of Chacoan outlier communities. 2015 to present.

Project director, excavation of Euroamerican historic mining features in Madrid, New Mexico. Marron and Associates, 2014.

Co-director, survey of Chacoan outlier community, Hogan Mine Project. Marron and Associates, 2014.

Project director, transmission line survey across Zia, Santa Ana, and San Felipe Pueblos, New Mexico. Parametrix, 2012-2013.

Project director, survey and historic structure documentation, Valdez, Des Montes, and El Valle de Los Ranchos, New Mexico. 2011-2012.

Project director, waterline survey across Copper Flat Mine, New Mexico. Parametrix, 2012.

Project director, Rowe Mesa archaeological survey, New Mexico, Santa Fe National Forest, 2010.

PUBLICATIONS

Peer-reviewed Publications

Crown, Patricia L., Kerriann Marden, and **Hannah V. Mattson**

2016 Foot Notes: The Social Implications of Polydactyly and Foot Imagery at Pueblo Bonito, Chaco Canyon. *American Antiquity* 81(3): 426-448.

Mattson, Hannah V.

2016 Ornaments as Socially Valuable Objects: Jewelry and Identity in the Chaco and Post-Chaco Worlds. *Journal of Anthropological Archaeology* 42:122-139.

2016 Gray Ware from the Pueblo Bonito Mounds. In *The Pueblo Bonito Mounds of Chaco Canyon: Material Culture and Fauna*, edited by Patricia L. Crown, pp. 13-52. University of New Mexico Press, Albuquerque.

2016 Ornaments, Mineral Specimens, and Shell Specimens from the Pueblo Bonito Mounds. In *The Pueblo Bonito Mounds of Chaco Canyon: Material Culture and Fauna*, edited by Patricia L. Crown, pp. 169-188. University of New Mexico Press, Albuquerque.

In press Early Chacoan Ornaments and Minerals: A Study of Basketmaker III and Pueblo I Assemblages. *Early Puebloan Occupations in the Chaco Region*, edited by Thomas C. Windes. Reports of the Chaco Center, No. 13, Branch of Cultural Research, Division of Anthropology, National Park Service, Santa Fe.

Wills, Wirt H., David E. Love, Susan Smith, Karen Adams, Mauricio Palacios-Fest, Wetherbee B. Dorshow, Beau Murphy, **Hannah Mattson**, and Patricia L. Crown

2016 Water Management at Pueblo Bonito: Evidence from the National Geographic Society Trenches. *American Antiquity* 81(3): 449-470.

Worman, F. Scott and **Hannah V. Mattson**

2010 Arroyos and Agriculture: Geoarchaeological Investigations at Pueblo Pintado. *Kiva* 75(4).

Manuscripts in preparation

Mattson, Hannah V.

- 2018 Using Old Collections to Gain New Insights on Chaco Identity: Analyzing Ornaments from Pueblo Bonito and Aztec West Ruin. In *Pushing Boundaries, Annual Proceedings of the Southwest Symposium*, edited by Steve Nash. University of Colorado Press.

Mattson, Hannah V.

- 2018 Chacoan Ornamentation and Identity: Recent Research. In *Archaeology Southwest Magazine* 31(2). (Invited contributor, Spring 2018 issue)

Mattson, Hannah V.

- 2018 Prehistoric Jewelry from New Mexico. In *American Jewelry from New Mexico*. Albuquerque Museum of Art and History. Museum of New Mexico Press.

Mattson, Hannah V. and Jacque M. Kocer

- 2018 Ornaments, Mineral Specimens, and Shell Specimens from Room 28. In *The House of the Cylinder Jars: Room 28 at Pueblo Bonito, Chaco Canyon*, edited by Patricia L. Crown. UNM Press, Albuquerque.

King, Thomas F., Caitlin Allen, Kolawole Adekola, Katherine Ward, Nancy Farrell, Jay Gray, Rebecca Hawkins, Dawn Johnson, Raimund Karl, **Hannah V. Mattson**, Fred McGhee, Jason Nez, and Wang Renyu

- 2018 *Cultural Resource Management for Archaeologists: A Primer*. Percheron Press.

Other Publications and Selected Technical Reports

Gerow, Peggy A., and Hannah V. Mattson

- 2013 *The MAPL Western Expansion Project III: Cultural Resources Inventory of Six Loop Segments and Between Bloomfield and Hobbs, New Mexico*. Report No. 185-1090, Office of Contract Archeology, University of New Mexico, Albuquerque.

Hawkins, Rebecca A., Hannah V. Mattson, Scott Walley, and John Cater

- 2017 A Class II Cultural Resources Sample Inventory for the Proposed Six Section Fuels Reduction Project, Cibola County, New Mexico. Prepared for the New Mexico Association of Conservation Districts and the Bureau of Land Management, Rio Puerco Office. Report No. 2016-013-NM. Algonquin Consultants, Albuquerque.

Mattson, Hannah V.

- 2018 Results of Ceramic Analysis. *Results of Testing and Data Recovery at Nine Archaeological Sites Along US 82, Eddy County, New Mexico*. New Mexico Department of Transportation Cultural Resource Technical Series 2018-1, Prepared by WSP and Parametrix, Albuquerque.

- 2015 Identity and Material Practice in the Chacoan World: Ornamentation and Utility Ware Pottery. Unpublished Ph.D. dissertation, Department of Anthropology, University of New Mexico, Albuquerque.
- Ceramic Artifacts from the APS-WALH Project. In *Final Data Recovery Report for 31 Archaeological Sites on the West Mesa, APS-WALH Project, Bernalillo County, New Mexico*. Prepared by Marron and Associates, Albuquerque.

- 2014 Results of Ceramic Analysis. In the *Final Report of the Data Recovery Investigations for the Andalucia Commercial Project, Bernalillo County, New Mexico*. Marron and Associates, Albuquerque.

Final Monitoring and Data Recovery Report for the Madrid Historic District Improvement Maintenance Project, Santa Fe County, New Mexico. Prepared by Marron and Associates, Albuquerque.

- 2013 *Hogan Mine Archaeological Survey, Cibola County, New Mexico.* Marron and Associates, Albuquerque.

Final Report of Data Recovery Investigations at LA 69709 and LA 170178 within the Special Assessment District 228 Albuquerque, Bernalillo County, New Mexico. Marron and Associates, Albuquerque.

Final Report of the Data Recovery Investigations for the Proposed Andalucia Residential Apartments, Bernalillo County, New Mexico. Marron and Associates, Albuquerque.
- 2012 *A Cultural Resources Survey for the Tri-State Algodones to Arroyo Ojitos Transmission Line Right-of-Way Renewal, Zia Pueblo, Sandoval County, New Mexico.* Parametrix Report No. 2012-10. Parametrix, Albuquerque.

Cultural Resource Survey for the El Valle de Los Ranchos Wastewater System Improvement Project, Taos County. Parametrix Report No. 2012-3. Parametrix, Albuquerque
- 2011 *A Cultural Resource Survey for the Valdez and Lower Des Montes Water System Improvement Project, Taos County, New Mexico.* Parametrix Report No. 2011-11. Parametrix, Albuquerque.
- 2010 *Groundstone Artifacts. In the Report of 1988 Data Recovery at the Montañño Site Complex, LA 33223, City of Albuquerque, New Mexico and Subsequent Analysis of Collections.* Criterion Environmental Consulting for Wilson and Company and the City of Albuquerque. Criterion Report No. CEC-2009-12.
- 2008 *El Camino Real: Historic Context. Final Report: Rail Runner Phase 2 Cultural Resource Mitigation Activities, Santa Fe County, New Mexico,* prepared by K. McCullough, Criterion Report No. CEC-2008-10, Albuquerque.
- 2007 *LA 25860: The Sheep Chute Site. Data Recovery Report, Mid-America Pipeline Western Expansion Project, New Mexico.* Office of Contract Archeology, University of New Mexico, Albuquerque.

Prehistoric Clay Use in the Lower Jemez Valley: Results of Ceramic Oxidation and Porosity Analyses. Data Recovery Report, Mid-America Pipeline Western Expansion Project, New Mexico. Office of Contract Archeology, University of New Mexico, Albuquerque.

Ornaments, Mineral Specimens, and Shell Specimens. Data Recovery Report, Mid-America Pipeline Western Expansion Project, New Mexico. Office of Contract Archeology, University of New Mexico, Albuquerque.
- 2004 *A Preliminary Ceramic Sourcing Study for the Las Ventanas Area of the Cebolleta Mesa Region, El Malpais National Monument. In The El Malpais Archaeological Survey: Phase I,* edited by Robert Powers and Janet Orcutt, Intermountain Cultural Resources Management Professional Paper No. 70, Intermountain Region, National Park Service, Department of the Interior.
- Mattson, Hannah V., and Adam Okun
2012 *Cultural Resource Survey for Pipeline and Aquifer Testing, Copper Flat Mine, Sierra County, New Mexico.* Parametrix Report No. 2012-1. Parametrix, Albuquerque.
- Mattson, Hannah V., and Gerry Raymond
2010 *Cultural Resources Survey for the Barbero Allotment Collaborative Forest Restoration Program, CFRP Project on Pecos-Las Vegas Ranger District, Santa Fe National Forest, San Miguel County, New Mexico.* Criterion Environmental Consulting Report No. 2010-08, Albuquerque.
- Walley, Scott, Rebecca Hawkins, and Hannah V. Mattson
2018 *A Cultural Resources Inventory of the Welty EQIP Water Development Project in Socorro County, New Mexico.* Prepared for the US Department of Agriculture and the National Resource Conservation Service. Report No. ACI-017-013-NM. Algonquin Consultants, Albuquerque.

CONFERENCE/SEMINAR PRESENTATIONS

Session Chair and Organizer, *Adornment, Personal Ornamentation, and the Construction of Identity: A Global Archaeological Perspective*, 82nd Annual Meeting of the Society for American Archaeology, Vancouver, B.C., March-April, 2017.

Beads, Myth, and Ritual Practice: Tracing Traditions of Ornament Use in Ceremonial Deposition and Costuming in the Northern U.S. Southwest. Presentation at the 82nd Annual Meeting of the Society for American Archaeology, Vancouver, B.C., March-April, 2017.

Ritual Circuitry and Directionality in Utility Vessel Construction. Presentation at the 81st Annual Meeting of the Society for American Archaeology, Orlando, Florida, April, 2016.

The Social Value of Ornaments from Pueblo Bonito and Aztec Ruin. Presentation at the 80th Annual Meeting of the Society for American Archaeology, San Francisco, April, 2015.

Chuska Grayware from the Pueblo Bonito Middens. Presentation at the Annual Meeting of the New Mexico Archaeological Council, Albuquerque, November, 2012.

Grayware Ceramics from the Pueblo Bonito Mounds. Presentation at the 75th Annual Meeting of the Society for American Archaeology, St. Louis, April, 2010.

Ornaments from the Pueblo Bonito Mounds. Presentation at the School for Advanced Research Seminar "New Archaeological Research at Pueblo Bonito: Reopening the National Geographic Society Excavations", Santa Fe, March 9-12, 2010.

Macroregional Variation in Turquoise and Shell Ornaments in the Southwest: An "Untidy" View of Identity and Interaction. Presentation at the 74th Annual Meeting of the Society for American Archaeology, Atlanta, April, 2009.

An Investigation of Ornaments from the Pueblo Bonito Middens. Presentation at the 73rd Annual Meeting of the Society for American Archaeology, Vancouver, BC, March, 2008.

Chacoan Ornament Production and Consumption during the Basketmaker-to-Pueblo Transition: Jewelry as Social Signaling. Presentation at the 68th Annual Meeting of the Society for American Archaeology, Milwaukee, April 2003.

A Preliminary Geoarchaeological Investigation of Ancient Agriculture at Pueblo Pintado, Chaco Canyon. Presentation with F. Scott Worman, 68th Annual Meeting of the Society for American Archaeology, Milwaukee, April 2003.

TEACHING

- **Adjunct Lecturer**, University of New Mexico, January 2018 to July 2018
 - Managing Cultural Resources (Anth 420/592)
 - Archaeology Field Session (Anth 375)
- **Postdoctoral Fellow**, University of New Mexico, August 2015 to July 2017
 - Introduction to Archaeological Method and Theory (Anth 120)
 - Southwest Archaeology (Anth 321/521)
 - Managing Cultural Resources (Anth 420/592)
 - Strategy of Archaeology (Anth 320)
 - Archaeology Field Session (Anth 375/575)
- **Teaching Associate**, University of New Mexico, January to May 2010
 - Southwest Archaeology (Anth 321)
- **Teaching Associate**, University of New Mexico, August to December 2007
 - World Archaeology (Anth 220)

PUBLIC LECTURES

Albuquerque Museum of Art and History, Albuquerque, July 15, 2018
Aztec Ruins National Monument, Aztec, NM, July 23, 2016
Southwest Seminars, Santa Fe, NM, May 16, 2016
Colorado Archaeological Society, Cortez, Colorado, February 18, 2016
Albuquerque Archaeological Society, Albuquerque, NM, February 16, 2016
Northern New Mexico Sierra Club, Santa Fe, NM, December 5, 2015

INVITED COURSE LECTURES, UNM

- *Chaco Canyon: Archaeological Laboratory, National Treasure, or Sacred Site?* Anthropology of Heritage (Anth 381/581), Fall 2016.
- *An Introduction to Cultural Resource Management.* Archaeology Field Session (Anth 375/575), Fall 2016.
- *Chacoan Ornaments and Ornament Analysis.* Archaeological Measurement and Laboratory Analysis (Anth 473L/573L), Fall 2016.

ADVISING

Master's Committee Member (UNM)

Victoria Bowler, Public Archaeology, 2017
Kyle Lacey, Public Archaeology, 2017

MUSEUM EXHIBITS

Guest Curator, *American Jewelry from New Mexico*, June 2-October 4, 2018, traveling national exhibit sponsored by the Albuquerque Museum of Art and History

PROFESSIONAL SERVICE

2017-2018, Editor, NewsMAC, Newsletter of the New Mexico Archaeological Council