

CURRICULUM VITAE

Nicole M. Mathwich
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EDUCATION

2018 Ph.D.	University of Arizona Anthropology, focus Archaeology
2014 M.A.	University of Arizona Anthropology
2012 B.S., B.A.	Santa Clara University Anthropology, Women and Gender Studies

PROFESSIONAL APPOINTMENTS

Fall 2019 – Present San Diego State University	Assistant Professor Anthropology
August 2018-July 2019 Arizona State Museum	Zooarchaeology Curatorial Specialist Archaeology
January-May 2019 University of Arizona	Adjunct Instructor Anthropology
August-December 2018 Pima Community College	Adjunct Instructor Anthropology

Refereed Journal Articles and Book Chapters

1. Mathwich, Nicole. (Revise and resubmit). "Range limits: Semi-feral animal husbandry in Spanish colonial Arizona." *American Antiquity*.
Mathwich, Nicole and Evan Giomi. [2021] "Order on the Edge of Empire: Social Network Analysis of Colonial Mission Landscapes in Nuevo México and the Pimería Alta." *International Journal of Historical Archaeology*. (Impact factor: 0643 (2020).
Impact factor: (2019); SCIMAGO Journal Rank:
2. Mathwich, Nicole, Alex Ruff, and Barnet Pavao-Zuckerman. (2019) "Applying indigenous knowledge to colonial livestock: Isotopic patterns in water and range resources in the desert landscapes of the Pimería Alta." *Journal of Archaeological Science: Reports*: 27. <https://doi.org/10.1016/j.jasrep.2019.101919>
Impact factor: 1.080 (SNIP, 2019); SCIMAGO Journal Rank: 0.791
3. Mathwich, Nicole and Barnet Pavao-Zuckerman. (2019) "Bureaucratic Reforms on the Frontier: Zooarchaeological and Historical Perspectives on the 1767 Jesuit Expulsion in the Pimería Alta." *Journal of Anthropological Archaeology*. 10.1016/j.jaa.2018.07.002
Impact factor: 2.252 (2019); SCIMAGO Journal Rank: 1.153
4. Panich, Lee, Helga Afghani, and Nicole Mathwich. (2014) "Comparing Native American Residences at Mission Santa Clara de Asís." *International Journal of Historical Archaeology*. Volume 18, Issue 3, pp 467–488.
Impact factor: 0.807 (SNIP, 2018); SCIMAGO Journal Rank: 0.509 (2018)

Refereed book chapters

1. Mathwich, Nicole [2021]. "Colonialism and historical ecology: Livestock management as a case study in the Southwest" for the *Routledge Handbook of the Archaeology of Indigenous-Colonial Interaction in the Americas*, edited by Lee Panich and Sara L. Gonzalez. Routledge, Abingdon.

Non-refereed Proceedings*Technical reports*

1. Mathwich, Nicole, Priscilla Hernandez, Carolina Ocana, Gina Dee (drafted) "Zooarchaeological Analysis of Faunal Bone from Mission Dolores de Cosari." Technical report.
2. Mathwich, Nicole (2017), "Zooarchaeological Analysis of Mortuary Features at Slade Ruin." Technical report, on file, Arizona State Museum.
3. Mathwich, Nicole (2016) "Chapter 9: Prehistoric and historical period vertebrate faunal remains of Mission Los Santos Angeles de Guevavi, AZ EE:9:1(ASM), Santa Cruz County, Arizona." With Contributions by William Martin, Nicolas Alexandre, and Giselle Webb. *Archaeology at the Mission of Sorrows: Archaeological Test Excavations at the Guevavi Mission Site, AZ EE:9:1 (ASM), Santa Cruz County, Arizona*. Submitted to Tumacácori National Historical Park.

Unpublished, Refereed Papers before Professional Conferences*Sessions organized*

1. Panich, Lee, and **Nicole Mathwich** (2014), "Seeing Native People in the Missionized Areas of Western North America." Society for American Archaeology 79th Annual Meeting, Austin, TX.

Papers presented as primary presenter, unless otherwise noted

2. Mathwich, Nicole and Carlos Figueroa Beltran. (2021). "Situating Rancho Johnson: Landscape Transitions in Baja California" at the Society for American Archaeology 86st Annual Meeting. Online, April 15-17, 2021.

3. Mathwich, Nicole. (2021). "Zooarchaeology in pandemic times: Re-thinking time investments in video tutorials" in the CSUCA: Archaeology during the global pandemic symposium at the 1st Annual CSU Council of Archaeologists. Online, April 23, 2021.
4. Mathwich, Nicole (2020 -CANCELLED DUE TO COVID-19), "Embodied Colonialism: Studying the Political Ecology of Colonial Landscape Use from Legacy Collections" in Cabinets of curiosities: collections and conservation in archaeological research symposium at the Society for American Archaeology 85th Annual Meeting, Austin, TX.
5. Mathwich, Nicole (2020 -CANCELLED DUE TO COVID-19), "Situating Misión Dolores de Cósari: Faunal Resource Patterns in Spanish colonial Sonora" in From Borderlands to Bordered Lands: Current Research of California's Borders symposium at the Society for California Archaeology Annual Meeting, Riverside, CA.
6. Mathwich, Nicole and Rae Whitley (2019), "The Public Horse Embodied: Requisition, Use, and Replacement of the Military Horse in the Great Sioux War." Equine History Collective Conference, November 13-15, Cal Poly Pomona, Pomona, CA.
7. **Mathwich, Nicole** (2019), "Reinterpreting state shifts using legacy data: colonialism and zooarchaeological assemblages in southern Arizona" in Openness & Sensitivity: Practical Concerns In Taking Archaeological Data Online, Society for American Archaeology 81st Annual Meeting, Albuquerque, NM. <https://saa2019-sensitive.netlify.com/legacy-mathwich/>
8. Giomi, Evan and **Nicole Mathwich** (2019), "Colonial Ideology and the Organization of Spanish Missions in Nuevo México and the Pimería Alta." Society for American Archaeology 81st Annual Meeting, Albuquerque, NM.
9. **Mathwich, Nicole** (2018), "Range limits: Semi-feral ranching in the Spanish colonial Arizona." Society for American Archaeology 81st Annual Meeting, Washington, D.C.
10. Pavao-Zuckerman, Barnet and **Nicole Mathwich** (2017), "Cattle Ranching and O'odham Communities in the Pimería Alta: Zooarchaeological and Historical Perspectives." Society for Historical Archaeology Annual Meeting, January 3-6, 2017, Fort Worth, TX.
11. **Mathwich, Nicole** and Barnet Pavao-Zuckerman (2017), "Bureaucratic Reforms on the Frontier: Zooarchaeological and Historical Perspectives on the 1767 Jesuit Expulsion in the Pimería Alta." Society for American Archaeology Annual Meeting, March 29-April 2, 2017, Vancouver B.C.
12. **Mathwich, Nicole** (2016), "Fodder and water: Isotope analysis of livestock enamel in Southwest Spanish colonial settlements in the Pimería Alta." Society for American Archaeology, 81th Annual Meeting, April 6-10, Orlando, FL.
13. **Mathwich, Nicole** (2016), "Wild animal use and landscape interpretations at Pimería Alta Spanish colonial sites." Society for Historical Archaeology Annual Meeting, January 6-10, 2016, Washington, D.C.
14. **Mathwich, Nicole** (2016), "Creating the Southwestern rangeland: Archaeological markers of landscape management at Southern Arizona Spanish sites using stable isotopes and faunal analysis." Society for Ethnobiology 39th Annual Meeting, March 16-19, 2016, Tucson, AZ.
15. **Mathwich, Nicole** (2015), "Zooarchaeological Analysis of Mission Santa Clara Rancheria Feature." Society for American Archaeology 80th Annual Meeting, San Francisco, CA.
16. **Mathwich, Nicole** (2014). "Ranching in Native Cultural Landscapes: Preliminary Faunal Analysis from Mission Guevavi." Society for American Archaeology 79th Annual Meeting, Austin, TX.

17. McClelland, John and **Nicole Mathwich** (2013). "Restoring Wholeness in Practice: Repatriation of Museum Collections." Museum Association of Arizona's 31st Annual Meeting, Tucson, AZ.

Selected posters

18. **Mathwich, Nicole**. (2019) "Agent-based modeling of cattle ranching in the Pimería Alta: modeling the dynamics of colonial O'odham social structure and its influence on the spread of animal husbandry." 1st Southern Southwest Archaeology Conference. January 11, 2019. Phoenix, AZ.
19. **Mathwich, Nicole**. (2018) "Multi-individual perching bird burials at Slade Ruin (AZ Q:15:1[ASM])." Pecos Conference. August 11, 2018. Flagstaff, AZ.
20. **Mathwich, Nicole** and Lee Panich (2013). "Excavations at a Native American Dormitory at Mission Santa Clara, California." Society for American Archaeology 78th Annual Meeting, Honolulu, HI.

Book Reviews

1. Mathwich, Nicole. (2015) "Book Review of Native and Spanish New Worlds: Sixteenth-Century Entradas in the American Southwest and Southeast, ed. Clay Mathers, Jeffrey M. Mitchem, and Charles M. Haeker." *Arizona Anthropologist*.

Funded Research Grants

University

1. 2021 Student Assistance with Research, Scholarship, and Creative Activities (RSCA) Award \$4,420.00 for two undergraduate research assistants
2. 2019 SDSU University Grant Program \$9,600
3. 2017 Haury Dissertation Fellowship: \$20,000
4. 2015 Stanley J. Olsen Zooarchaeology Fellowship: \$6,000
5. 2015 Stanley R. Grant Scholarship: \$900
6. 2015 Emil W. Haury Education Fund for Archaeology: \$500
7. 2014 Thompson Fund, Arizona State Museum: \$500
8. 2014 Graduate and Professional Student Council Travel Award: \$450
9. 2014 William and Nancy Sullivan Scholarship: \$500
10. 2014 William and Nancy Sullivan Scholarship: \$500
11. 2013 Emil W. Haury Education Fund for Archaeology: \$650

Private Foundation

1. 2019 Arizona Archaeology and Historical Society Research Grant: \$430
2. 2018 Southwest Mission Research Center: \$513
3. 2017 Ecological Knowledge Research Fellowship from the Society of Ethnobiology \$750
4. 2017 Wenner-Gren Foundation Dissertation Fieldwork Grant: \$4,377
5. 2016 Arizona Historical Preservation Society Scholarship
6. 2015 Arizona Archaeology and Historical Society Travel Grant: \$200

Proposals Submitted

1. "Ecología histórica en el noroeste de Baja California, México." Under review. Submitted to the office of Instituto Nacional de Antropología e Historia (INAH) Baja California, August 2021.

Fellowships and Awards

1. 2021 Grants Research and Enterprise Writing (GREW) Fellowship
2. 2021 Faculty Forward Award (\$500)

Participation in Professional Associations

1. Southwest Mission Research Center, *board member* 2020-present; recording secretary, 2017-2019
2. Society for American Archaeology Curriculum Committee, *member*, 2020-present

University Service (SDSU)

1. Anthropology Graduate advisor (Fall 2021-present)
2. Anthropology Curriculum Committee (Fall 2021-present)
3. Anthropology Scholarship Committee (2019-present)
4. Anthropology Diversity, Equity, and Inclusion Committee (2020-present)
5. 2020 Student Research Symposium, judge for student posters

Invited Lectures

1. "O'odham Resource Use in the Colonial Pimería Alta." (Invited) Pima County Natural Resources January 30, 2021
2. "Landscapes of persistence: O'odham resource use in the colonial Pimería Alta." (Invited) La Frontera Corral of Westerners, May 6, 2019.
3. "Landscapes of resilience: O'odham resource use in the colonial Pimería Alta." (Invited) Arizona Archaeological and Historical Society, June 18, 2018.