

Preservation Anthropologist
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EDUCATION

- Ph.D. 2011 Department of Anthropology, Washington State University
Dissertation: *Hohokam Rock Art, Ritual Practice, and Social Transformation in the Phoenix Basin*
Committee: Andrew I. Duff (chair), Timothy A. Kohler, John G. Jones, Henry D. Wallace
- M.A. 2006 Department of Anthropology, Washington State University
Thesis: *A Low-Frequency Paleoclimatic Reconstruction from the La Plata Mountains, Colorado and Its Implications for Agricultural Productivity in the Mesa Verde Region*
Committee: John G. Jones (chair), Timothy A. Kohler, Andrew I. Duff
- B.A. 1999 The Ohio State University (major: Anthropology; minors: Spanish & Folklore)
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GRANTS & AWARDS

- 2024 Wenner-Gren Foundation Conference and Workshop Grant, “Picturing Perseverance: Rock Imagery and Indigenous Cultural Resilience across the Sonoran Desert.” \$19,558 award.
- 2024 FY24 Bureau of Land Management Headquarters National Landscape Conservation System—Management Studies Support Program, Grant No. L24AC00630-00. Award No. BLM-NCL-2024-000153, “Documenting Indigenous Trails in and around NLCS Units, Southern Arizona.” \$39,984 award.
- 2023 FY23 Bureau of Land Management Headquarters National Landscape Conservation System—Management Studies Support Program, Grant No. L23AC00399-00. Award No. BLM-NCL-2023-000108, “Documenting Indigenous Trails in and around NLCS Units, Southern Arizona.” \$39,974 award.
- 2023 Arizona Archaeological Society Professional Archaeologist Award.
- 2022 American Rock Art Research Association ARARA Conservation and Preservation Award.
- 2020 National Endowment for the Humanities Coronavirus Aid, Relief, and Economic Security (NEH CARES) Grant, Award No. RJ-274018, “Indigenous Petroglyphs as Social Networks.” \$114,219 award.
- 2018 Begole Archaeological Research Grant, Anza-Borrego Foundation, Project “A Renewed Investigation of the Patayan Walk-in Well at Bouse, Arizona.” \$4106 award.
- 2017 National Endowment for the Humanities Collaborative Research Grant, Award No. RZ-255760-17, “Archaeology and Oral Histories along the Lower Gila River in Southwestern Arizona, 600-1830 AD.” \$175,000 award.
- 2017 Carryl B. Martin Research Award, Arizona Archaeological and Historical Society, Project “The Bouse Well Project.” \$5000 award.
- 2017 Governor’s Archaeological Advisory Commission Award in Public Archaeology.

- 2012 Don D. and Catherine S. Fowler Book Prize, University of Utah Press, Salt Lake City. \$3000 award.
- 2006 Preservation Fellowship, Center for Desert Archaeology, Tucson, Arizona.

PUBLICATIONS

Books

- 2024 *Sacred Southwestern Landscapes: Archaeologies of Religious Ecology* (sole editor). University of Utah Press, Salt Lake City.
- 2016 *The Great Bend of the Gila: Contemporary Native American Connections to an Ancestral Landscape*. (first author, with Maren P. Hopkins). Archaeology Southwest, Tucson. Available at www.archaeologysouthwest.org/pdf/gb_ethno.pdf
- 2015 *The Great Bend of the Gila: A Nationally Significant Cultural Landscape* (first author, with Pat Stein, Barnaby Lewis, and William Doelle). Archaeology Southwest, Tucson. Available at www.archaeologysouthwest.org/pdf/GreatBend.pdf
- 2014 *Religion on the Rocks: Hohokam Rock Art, Ritual Practice, and Social Transformation*. University of Utah Press, Salt Lake City.
- 2010 *Leaving Mesa Verde: Peril and Change in the Thirteenth-Century Southwest* (third editor, with Timothy A. Kohler and Mark D. Varien). Amerind Studies in Archaeology No. 5. Amerind Foundation, Dragoon, Arizona and University of Arizona Press, Tucson.

Peer-Reviewed Articles & Chapters

- 2025 “A Mark by Any Other Name...”: Reconciling Historical and Descendent Terms and Concepts for Indigenous Petroglyphs and Pictographs (first author, with John R. Welch). *American Antiquity*. Accepted.
- 2024 Southwestern Landscapes, Archaeology, and Religious Ecology: An Introduction to an Intersection. In *Sacred Southwestern Landscapes: Archaeologies of Religious Ecology*, edited by Aaron M. Wright, pp. 1-10. University of Utah Press, Salt Lake City.
- 2024 Horizon Events: A Semiosis of Hohokam Attachments to the Liminal and Distant (first author, with Henry D. Wallace). In *Sacred Southwestern Landscapes: Archaeologies of Religious Ecology*, edited by Aaron M. Wright, pp. 78-95. University of Utah Press, Salt Lake City.
- 2024 An Ecology of the Patayan/Yuman Dreamland (first author, with Lorey Cachora and Nathalie Brusgaard). In *Sacred Southwestern Landscapes: Archaeologies of Religious Ecology*, edited by Aaron M. Wright, pp. 44-60. University of Utah Press, Salt Lake City.
- 2022 The Iconography of Connectivity between the Hohokam World and Its Southern Neighbors. *Journal of Archaeological Research* 30:117-167. doi.org/10.1007/s10814-021-09159-z
- 2022 The Stately Art of Remembering and Forgetting Indigenous Cultural Identities in the North American Southwest. In *Rock Art and Memory in the Transmission of Cultural Knowledge*, edited by Leslie Zubieta Calvert, pp. 269-294. Springer Nature, Cham, Switzerland.
- 2022 Protecting a Broken Window: Vandalism and Security at Rural Rock Art Sites (third author, with Donna Yates and Diana Berzina). *The Professional Geographer* 74(2):384-390. doi.org/10.1080/00330124.2021.1957690

- 2021 Lowland Patayan Pottery: A History, Crisis, and Manifesto. *California Archaeology* 13(1):1-35. doi.org/10.1080/1947461X.2020.1834833.
- 2020 Stucco as a Timestamp on Lowland Patayan Pottery in the Far-Western Southwest. *Kiva* 86(4):448-481. doi.org/10.1080/00231940.2020.1775426.
- 2020 The Stones of Taliesin West: Frank Lloyd Wright and the Petroglyphs of Paradise Valley. *Journal of the Southwest* 62:5-100.
- 2018 Assessing the Stability and Sustainability of Rock Art Sites: Insight from Southwestern Arizona. *Journal of Archaeological Method and Theory* 25:911-952. doi.org/10.1007/a10816-017-9363-x.
- 2012 Low-Frequency Climate in the Mesa Verde Region: Beef Pasture Revisited. In *Emergence and Collapse of Early Villages: Models of Central Mesa Verde Archaeology*, edited by Timothy A. Kohler and Mark D. Varien, pp. 41-57. University of California Press, Berkeley.
- 2011 The Pipette, the Tiered Cosmos, and the Materialization of Transcendence in the Rock Art of the North American Southwest (first author, with Will G. Russell). *Journal of Social Archaeology* 11(3):361-386. Doi.org/10.1177/1469605311403864.
- 2010 The Climate of the Thirteenth-Century Depopulation of the Northern Southwest. In *Leaving Mesa Verde: Peril and Change in the Thirteenth-Century Southwest*, edited by Timothy A. Kohler, Mark D. Varien, and Aaron M. Wright, pp. 75-101. Amerind Foundation, Inc., Dragoon, Arizona and University of Arizona Press, Tucson.
- 2009 Technological Styles of Hohokam Rock Art Production in the South Mountains, South-Central Arizona (first author, with Todd W. Bostwick). In *American Indian Rock Art* Vol. 35, edited by James D. Keyser, David Kaiser, George Poetschut, and Michael W. Taylor, pp. 61-78. American Rock Art Research Association, Tucson, Arizona.
- 2009 Footprints to the South: The Search for Proto-Hopi Clan Symbols in the South Mountains of Phoenix, Arizona (second author, with Will G. Russell). In *American Indian Rock Art* Vol. 35, edited by James D. Keyser, David Kaiser, George Poetschut, and Michael W. Taylor, pp. 43-60. American Rock Art Research Association, Tucson, Arizona.
- 2009 Stained Rocks and Storied Walls: Fertility, Sexuality, and Rock Art in the Hohokam Landscape (second author, with Will G. Russell, Tina A. Carpenter, and Caitlin Guthrie). In *American Indian Rock Art* Vol. 35, edited by James D. Keyser, David Kaiser, George Poetschut, and Michael W. Taylor, pp. 27-42. American Rock Art Research Association, Tucson, Arizona.
- 2009 Le Mystère de Mesa Verde: Pourquoi les Indiens Pueblos du Sud-Ouest des États-Unis Ont-Ils Abandonné leurs Villages à la Fin du XIII^e Siècle? Des Facteurs Climatiques, Mais aussi Socio-Économiques, Semblent S'être Ligués contre Eux (third author, with Timothy A. Kohler, Mark D. Varien, and Kristin A. Kuckelman). *Pour la Science* 376:62-68.
- 2008 Mesa Verde Migrations: New Archaeological Research and Computer Simulation Suggest Why Ancestral Puebloans Deserted the Northern Southwest United States (third author, with Timothy A. Kohler, Mark D. Varien, and Kristin A. Kuckelman). *American Scientist* 96:146-153.
- 2008 How Far Is a Pipette? Iconographic Evidence for Inter-Regional Connectivity in the Prehistoric Southwest and Beyond (second author, with Will G. Russell). *The Artifact* 46:19-45.

Magazine Articles, Book Reviews, & Miscellaneous Contributions

- 2022 Book review: “Flower Worlds: Religion, Aesthetics, and Ideology in Mesoamerica and the American Southwest,” edited by Michael Mathiowetz and Andrew Turner. 368 pages, University of Arizona Press, 2021. ISBN 978-0816542321. *American Anthropologist* 124:631-632. doi.org/10.1111/aman.13731
- 2022 Book review: “The Oxford Handbook on the Archaeology and Anthropology of Rock Art,” edited by Bruno David and Ian McNiven. 1192 pages, Oxford University Press, 2018. ISBN 9780190607357. *American Antiquity* 87:648-650. doi.org/10.1017/aaq.2021.160
- 2022 A Bibliography of Southern Arizona Petroglyph and Pictograph Research. *La Pintura* 48(4):12-15.
- 2020 ‘Tihor Kwsnavk: Connecting and Collaborating in the Great Bend of the Gila. *Archaeology Southwest Magazine* 34(1):3-5.
- 2020 Ethnography, Ethnohistory, and Archaeology: Triangulating Theirstory along the Lower Gila River. *Archaeology Southwest Magazine* 34(1):10-14.
- 2020 Recognizing Rancherías. *Archaeology Southwest Magazine* 34(1):14-15.
- 2020 (first author, with Harry J. Winters) ‘Tihor Kwsnavk: A Sacred Place Central to the Great Bend of the Gila. *Archaeology Southwest Magazine* 34(1):27-28.
- 2020 The Painted Rock Petroglyph Site. *Archaeology Southwest Magazine* 34(1):29-31.
- 2020 Archaeological Assets among Us: The Gatlin Archaeological Park. *Arizona Parks and Recreation Magazine* (Winter):18-19.
- 2019 Book review: “Petroglyphs, Pictographs, and Projections: Native American Rock Art in the Contemporary Cultural Landscape,” by Richard A. Rogers. 398 pages, University of Utah Press, 2018. \$34.95 (Paper). ISBN 978-1-60781001-618-8. *American Antiquity* 82:374-375.
- 2018 Michael Harner, 1929-2018 (In Memoriam). *The SAA Archaeological Record* 18(3):52.
- 2017 Cultural Resources of the Great Bend of the Gila. In *Great Bend of the Gila: A Portrait Book*, compiled by Rebecca Knuffke, pp. 12-13. National Trust for Historic Preservation, Washington DC.
- 2017 (with Lorey Cachora) Commentary: The Antiquities Act was meant to protect Indian history. *The Salt Lake Tribune* 18 August. Salt Lake City.
- 2017 Phoenix Aboveground: The Hohokam Landscape. *Archaeology Southwest Magazine* 31(2):42-45.
- 2016 A Reorientation in Understanding Hohokam Rock Art. *Old Pueblo Archaeology Bulletin* 77:1-15.
- 2016 New Horizons for Southwestern Rock Art. *Archaeology Southwest Magazine* 30(2):3-5.
- 2016 Reframing the Past: Rock Art Styles across the Southwest (first author, with Polly Schaafsma). *Archaeology Southwest Magazine* 30(2):5-12.
- 2016 How Did People Make Rock Art? *Archaeology Southwest Magazine* 30(2):12.

- 2016 But Is It Art? *Archaeology Southwest Magazine* 30(2):15.
- 2016 Rock Art and Mountain Ritualism in the Hohokam World. *Archaeology Southwest Magazine* 30(2):20-22.
- 2007 Rock Art and Landscape Archaeology in Arizona's South Mountains (first author, with Steve Swanson and Todd W. Bostwick). *Archaeology Southwest* 21(4):18.
- 2012 Book review: "Introduction to Rock Art Research", second edition, by David S. Whitley. 256 pages, 43 figures, 2 tables, Index, References Cited. Left Coast Press, 2011. \$29.95 (Paper). ISBN 978-1-59874-611-2. (first author, with Arleyn Simon). *Kiva* 77(4):21-23.

Articles Under Review and In-Preparation

- 2025 Indigenous Place-Making Now! Transformations in Contemporary Heritage Management in the North American Southwest (first author, with Kelley Hays-Gilpin). In *Indigenous Place-Making in Mesoamerica and the American Southwest*, edited by Gabrielle Vail. University Press of Colorado, Denver. Under review.
- 2025 Mapping Diaspora: Exodus, Coalescence, and Piipaash Survivance in Text and Tale (first author, with Kelly Washington). In *Collaborative Archaeology: How Native American Knowledge Enhances Our Collective Understanding of the Past*, edited by Chris Loendorf. University of Arizona Press, Tucson. Submitted.
- 2025 Petroglyphs, Collaborative Practice, and Indigenous Archaeology in the U.S. Southwest. *Arts*. In preparation.

Research & Technical Reports

- 2024 *Results of an Archaeological Survey of 10 Parcels of Land Recently Acquired by Saguaro National Park, Pima County, Arizona*. Technical Report 2024-104. Archaeology Southwest, Tucson, Arizona.
- 2024 *Indigenous Cultural Landscape Report for Petroglyph National Monument, Part I* (fourth author, with Paul Reed, Kurt Anschuetz, and Lia Grieser). Technical Report 2024-102. Archaeology Southwest, Tucson, Arizona.
- 2023 *A Condition Assessment and Class III Survey of the Gatlin Site National Historic Landmark and Planned Interpretive Park, Gila Bend, Maricopa County, Arizona*. Technical Report 2023-101. Archaeology Southwest, Tucson, Arizona.
- 2022 *Under the Halo of Spirit Mountain: A Cultural and Historical Overview of the Proposed Avi Kwa Ame National Monument, Southern Clark County, Nevada*. BLM Report 5-2509. Technical Report 2022-102. Archaeology Southwest, Tucson, Arizona.
- 2022 *A Survey of the Komadk Trail through the Maricopa Mountains, Southwestern Arizona*. Technical Report No. 2022-101. Archaeology Southwest, Tucson, Arizona.
- 2020 *Preservation Archaeology, Preservation Agriculture: An Inventory and Assessment of Archaeological and Historical Properties on Oatman Flats Farm, Southwest Arizona*. Technical Report No. 2020-101. Archaeology Southwest, Tucson, Arizona.

- 2019 *Meandering the Maricopas: An Archaeological Survey of 135 km of Roads within the Sonoran Desert National Monument, Maricopa County, Arizona*. Technical Report No. 2018-102. Archaeology Southwest, Tucson, Arizona.
- 2019 *Archaeology Southwest Site Relocation and Condition Assessment, 2017 Final Report* (first author, with Henry D. Wallace and Andy Laurenzi). Technical Report No. 2017-102. Archaeology Southwest, Tucson, Arizona.
- 2018 Prehistory and Protohistory of the Four National Wildlife Refuges (first author, with J. Homer Thiel). In *Cultural Resources Overview and Assessment of the Bill Williams River, Cibola, Havasu, and Imperial National Wildlife Refuges Located along the Lower Colorado River*, by J. Homer Thiel and Aaron M. Wright, pp. 11-26. Technical Report No. 2017-04. Desert Archeology, Tucson, Arizona.
- 2018 An Ethnographic Overview of the Lower Colorado River below Davis Dam (first author, with Patricia Cook). In *Cultural Resources Overview and Assessment of the Bill Williams River, Cibola, Havasu, and Imperial National Wildlife Refuges Located along the Lower Colorado River*, by J. Homer Thiel and Aaron M. Wright, pp. 27-47. Technical Report No. 2017-04. Desert Archeology, Tucson, Arizona.
- 2017 *A Site Condition Assessment of the Painted Rock Petroglyph Site, Southwestern Arizona*. Technical Report No. 2017-101. Archaeology Southwest, Tucson.
- 2007 *ONB Cave Archaeological Survey Report; Malpais Borderlands, Cochise County, Arizona* (second author, with Will G. Russell and Keith Kintigh). Report Submitted to the Arizona State Museum, Arizona State Lands Department, and the Arizona State Historic Preservation Office.
- 2006 *Archaeological Survey of the Cox Ranch Pueblo Vicinity, Catron County, New Mexico, 2005 Season* (second author, with Andrew I. Duff). Cerro Pomo Community Report No. 2. Report submitted to the Bureau of Land Management, Santa Fe, New Mexico.
- 2006 *Archaeological Survey of the Cerro Pomo Vicinity, Catron County, New Mexico, 2006 Season* (second author, with Andrew I. Duff). Cox Ranch Community Research Project Report No. 5. Report submitted to the Bureau of Land Management, Santa Fe, New Mexico.
- 2005 *Preliminary Report on WSU Coring Project in Beef Pasture, La Plata Mountains, Southwestern Colorado, Summer 2003*, (first author, with Ken L. Petersen, edited by Timothy A. Kohler). National Science Foundation Grant No. BCS0119981.
- 2004 *Dark Canyon: Archaeological Survey in the Guadalupe Mountains, Eddy County, New Mexico* (David E. Purcell and David H. Greenwald, with contributions by Aaron M. Wright, Adam Okun, and Jeremy Davis). Report No. 03-78. Four Corners Research, Tularosa, New Mexico.

TEACHING & ADVISING

- 2023 Course Designer and Instructor, Rock Imagery Inventory and Documentation (12-week seminar and field methods class), Old Pueblo Archaeological Center and Arizona Archaeological Society, Tucson.
- 2020 MA thesis committee member, Kirk Astroth, School of Anthropology, University of Arizona.
- 2018-2022 Field Instructor for Tribal Interns, Lower Gila River Archaeological and Ethnographic Project, Archaeology Southwest.
- 2017 PhD Student Mentor, Andrew Tegarden, (Art History and Education Internship), School of Art, University of Arizona.

- 2008 Academic Mentor, Chris Whiting, Anthropology Internship (ASB 484), Dr. David Abbott, School of Human Evolution and Social Change, Arizona State University.
- 2008 Academic Mentor, Will Russell, Anthropology Internship (ASB 484), Dr. David Abbott, School of Human Evolution and Social Change, Arizona State University.
- 2008 Teaching Assistant, Archaeological Field Survey (ASB 484), Dr. Arleyn Simon, School of Human Evolution and Social Change, Arizona State University.
- 2005 Teaching Assistant, Archaeological Field School (ANTH 399), Dr. Andrew Duff, Department of Anthropology, Washington State University.
- 2004-2005 Grader, Art and Society (ANTH 201), Dr. Troy Wilson, Department of Anthropology, Washington State University.
- 2004 Tutor, Art and Society (ANTH 201) and Global Cultural Diversity (ANTH 203), Student Learning and Advising Center, Washington State University.

PROFESSIONAL SERVICE

Symposia Participation

- 2024 Advanced Seminar Participant: *Collaborative Archaeology*, held at the Amerind Foundation, Inc., September 23-27, Dragoon, Arizona.
- 2024 Invited Panelist: *Prehistoric Ceramics in the California Deserts: Building Consensus among Stakeholders in the Twenty-First Century*, held at the 58th Annual Meeting of the Society for California Archaeology, March 7-10, Riverside, California.
- 2023 Local Chair: *American Rock Art Research Association ARARA 2023 Conference*, held March 3-6, Tucson, Arizona.
- 2022 Session Organizer: *Preservation Efforts along the Lower Gila River*, held at the 7th Tri-National Sonoran Symposium, March 7-10, Ajo, Arizona.
- 2021 Session Organizer and Chair: *Protecting and Promoting the Layered Landscape of the Great Bend of the Gila*, held at the 19th Annual Arizona Historic Preservation Conference, October 29, Tempe, Arizona.
- 2019 Session Organizer and Chair: *Sacred Southwestern Landscapes: Archaeologies of Religious Ecology*, held at the 84th Annual Meeting of the Society for American Archaeology, April 10-14, 2019, Albuquerque, New Mexico.
- 2017 Session Organizer and Chair: *Beyond Consultation: Tribal Collaboration for Landscape Preservation in Southern Arizona*, held at the 15th Annual Arizona Historic Preservation Conference, June 16, Oro Valley, Arizona.
- 2016 Symposium Chair: *Mortuary Practices in the Ancient Southwest*, held at the 81st Annual Meeting of the Society for American Archaeology, April 6-10, Orlando, Florida.
- 2008 Advanced Seminar Chair (with Timothy A. Kohler and Mark D. Varien): *New Light on the Thirteenth-Century Depopulation of the Northern Southwest*, held at the Amerind Foundation, Inc., February 22-25, Dragoon, Arizona.

- 2007 Symposium Organizer: *New Light on the Thirteenth-Century Depopulation of the Northern Southwest*, held at the 72nd Annual Meeting of the Society for American Archaeology, April 25-29, Austin, Texas.

Delivered Papers and Posters

- 2024 “Triangulating Piipaash History along the Lower Gila River, Southwestern Arizona” (first author, with John Welch). Invited paper presented at the 89th Annual Meeting of the Society for American Archaeology, April 17-21, New Orleans, Louisiana.
- 2024 “Rock Imagery, Cultural Landscapes, and Indigenous Ontologies in the North American Southwest” (second author, with Radoslaw Palonka and Katarzyna Ciomek). Invited paper presented at the 89th Annual Meeting of the Society for American Archaeology, April 17-21, New Orleans, Louisiana.
- 2022 “The Question of Mesoamerican Deities in the Indigenous Pantheons of the Southern Southwest” (lead, with Myles R. Miller). Invited paper presented at the 88th Annual Meeting of the Society for American Archaeology, March 29-April 2, Washington DC.
- 2022 “Tracking Indigenous Trails across the Gila’s Great Bend.” Invited paper presented at the 7th Tri-National Sonoran Symposium, March 7-10, Ajo, Arizona.
- 2020 “Lower Colorado Buff Ware—History, Problems, and Possibilities.” Invited paper presented at the 6th Tri-National Sonoran Symposium, March 8-12, Ajo, Arizona.
- 2019 “An Ecology of the Patayan-Yuman Dreamland” (first author, with Nathalie Brusgaard). Paper presented at the 84th Annual Meeting of the Society for American Archaeology, April 10-14, Albuquerque, New Mexico.
- 2019 “Horizon Events: Hohokam Ritual Relations with the Distant and Phenomenal” (second author, with Henry D. Wallace). Paper presented at the 84th Annual Meeting of the Society for American Archaeology, April 10-14, Albuquerque, New Mexico.
- 2018 “Hohokam Dry Farming along the South Mountains Bajada, South-Central Arizona” (first author, with John G. Jones, Todd W. Bostwick, and Arleyn W. Simon). Poster presented at the 83rd Annual Meeting of the Society for American Archaeology, April 11-14, Washington DC.
- 2018 “Indigenous Communities of the Papaguería at and since Colonial Contact.” Invited paper presented at the 5th Tri-National Sonoran Symposium, March 5-8, Ajo, Arizona.
- 2017 “On the Origin and Significance of Petroglyphs at Taliesin West, Scottsdale, Arizona.” Paper presented at the 42nd Annual Rock Art Symposium, November 4, 2017, San Diego.
- 2017 "Probing the Nexus between Hohokam Demography and Agricultural Productivity across the Pre-Classic/Classic Transition" (first author, with Colleen A. Strawhacker). Invited paper presented at the 82nd Annual Meeting of the Society for American Archaeology, March 29-April 2, Vancouver, British Columbia.
- 2017 "Tribal Advocacy for Federal Lands Protection in the U.S. Southwest." Paper presented at the 77th Annual Meeting of the Society for Applied Anthropology, March 28-April 1, Santa Fe, New Mexico.
- 2016 “The Walk-in Well near Bouse.” Paper presented at the Pecos Conference, August 5-7, Alpine, Arizona.

- 2016 “The Painted Rock Petroglyph Site: A Historical Overview with Observations on Context.” Paper presented at the 43rd Annual Meeting of the American Rock Art Research Association, May 27-30, Las Cruces, New Mexico.
- 2016 “Hohokam ‘Art,’ Humanness, and the Hegemony of Iconography.” Invited paper presented at the Theoretical Archaeology Group, April 22-24, Boulder, Colorado.
- 2016 “Home Bodies: An Examination of House Cremation among the Hohokam” (first author, with Will G. Russell). Paper presented at the 81st Annual Meeting of the Society for American Archaeology, April 6-10, Orlando, Florida.
- 2016 “Preserving the Past for the Future: A Great Bend of the Gila National Monument Effort” (first author, with Andy Laurenzi and William Doelle). Paper presented at the 4th Tri-National Sonoran Desert Symposium, March 7-10, Ajo, Arizona.
- 2016 “The Great Bend of the Gila as an Ethnographic Landscape” (first author, with Maren Hopkins). Paper presented at the 4th Tri-National Sonoran Desert Symposium, March 7-10, Ajo, Arizona.
- 2016 “Using Non-Invasive Technologies to Identify Multiple Paint Recipes on Hohokam Pottery” (second author, with Lindsay Shepard). Poster presented at the 15th Biennial Southwest Symposium, January 14-16, Tucson, Arizona.
- 2015 “A Campaign for the Great Bend of the Gila National Monument.” Paper presented at the Pecos Conference, August 6-8, Mancos, Colorado.
- 2008 “Technological Styles of Hohokam Rock Art Production in the South Mountains” (first author, with Todd W. Bostwick). Paper presented at the 35th Annual Meeting of the American Rock Art Research Association, May 24-25, Farmington, New Mexico.
- 2008 “Footprints to the South: Hopi Clan Symbols in the South Mountains” (second author, with Will G. Russell). Paper presented at the 35th Annual Meeting of the American Rock Art Research Association, May 24-25, Farmington, New Mexico.
- 2008 “An Archaeology of Hohokam Landscapes and Ritual Practice in the South Mountains of South-Central Arizona” (first author, with Todd Bostwick, Steve Swanson, Arleyn Simon, and Peter Welsh). Poster presented at the 20th biennial Southwest Symposium, January 17-19, Tempe, Arizona.
- 2008 “The ONB Cave Site: Using African Elephant Hunting to Find Clovis Archaeology” (second author, with Will G. Russell and Keith Kintigh). Poster presented at the 20th biennial South-west Symposium, January 17-19, Tempe, Arizona.
- 2008 “The ONB Cave Site: A Clovis Horizon Campsite Located via Predictive Modeling Based on African Elephant Hunting Ethnography” (second author, with Will G. Russell). Paper presented at symposium, *New Directions in American Indian Research*, University of North Carolina, Chapel Hill.
- 2007 “New Insights into the Low-Frequency Paleoclimatic Regime of the Mesa Verde Region” (first author, with John G. Jones). Invited paper presented at the 72nd Annual Meeting of the Society for American Archaeology, April 25-29, Austin, Texas.
- 2007 “The Cerro Pomo Community Survey” (second author, with Caitlin Wichlacz). Invited poster presented at the 72nd Annual Meeting of the Society for American Archaeology, April 26- 0, Austin, Texas.

- 2006 “Ethnicity and Ceramic Technology on the Mogollon-Anasazi Frontier” (third author, with Melissa A. Elkins and Andrew I. Duff). Paper presented at the 2006 Mogollon Conference, October 12-14, Tucson, Arizona.
- 2006 “Reconstructing Prehistoric Human-Environment Relationships in Southwestern Colorado.” Invited paper presented at *Climate Variability and Change in the San Juan Mountains: A Scientist-Stakeholder Dialogue* (sponsored by The Mountain Studies Institute), October 11-12, Fort Lewis College, Durango, Colorado.
- 2006 “Corn and Climate: A Paleoecological Approach to the Forager-Farmer Transition in the Northern San Juan Basin.” Poster presented at the 71st Annual Meeting of the Society for American Archaeology, April 26-30, San Juan, Puerto Rico.
- 2006 “Migration and Aggregation in the Central Mesa Verde Region (A.D. 1150 – 1290): A Social Perspective.” Paper presented at the 59th Annual Meeting of the Northwest Anthropological Conference, March 29-April 1, Seattle, Washington.
- 2006 “The Technology of Cultural Difference in a Southwestern Community” (second author, with Melissa A. Elkins and Andrew I. Duff). Paper presented at the 59th Annual Meeting of the Northwest Anthropological Conference, March 29-April 1, Seattle, Washington.
- 2005 “Temperature Trends and their Role in the Adoption of Domesticated Plants in the Northern San Juan Basin.” Paper presented at the 58th Annual Meeting of the Northwest Anthropological Conference, March 16- 9, Spokane, Washington.

Grant Referee

- 2023 Panelist for National Endowment for the Humanities Collaborative Research Program
- 2023 Reviewer for National Science Centre, Poland Funding Scheme OPUS-24, Panel HS3 (The Study of the Human Past)

Publication Peer Review

- 2024 *Annals of the American Association of Geographers*
Kiva
- 2023 *American Antiquity*
Kiva (x4)
- 2022 *Advances in Archaeological Practice*
Antiquity
Kiva
- 2021 *American Antiquity*
Journal of Archaeological Research
University of Utah Press (book manuscript)
University Press of Colorado (book manuscript)
- 2019 *American Antiquity*
Journal of Arizona Archaeology
- 2016 *Journal of Anthropological Archaeology*
Kiva

PUBLIC SERVICE**Online Media (Blogs)**

- Sep. 30, 2024. For the Love of Land and the Sacredness of Landscape. Preservation Archaeology Blog, www.archaeologysouthwest.org/2024/09/29/for-the-love-of-land-and-the-sacredness-of-landscapes/
- Sep. 26, 2023. On the Trail of Trails: A Dialogue (with John Welch). Preservation Archaeology Blog, <https://www.archaeologysouthwest.org/2023/09/25/on-the-trail-of-trails-a-dialogue/>
- Mar. 9, 2023. Why I No Longer Call It “Art.” <https://www.archaeologysouthwest.org/2023/03/08/why-i-no-longer-call-it-art/>
- Mar. 3, 2023. There’s the Buff! Preservation Archaeology Blog, <https://www.archaeologysouthwest.org/2023/03/03/theres-the-buff/>
- May 12, 2022. Lower Gila Topophilia. Preservation Archaeology Blog, www.archaeologysouthwest.org/2022/05/12/lower-gila-topophilia/
- Nov. 12, 2020. Following in Their Footsteps. Preservation Archaeology Blog, www.archaeologysouthwest.org/2020/11/12/following-in-their-footsteps/
- Jul. 28, 2020. Standing on the Shoulders of Giants. Preservation Archaeology Blog, www.archaeologysouthwest.org/2020/07/28/standing-on-the-shoulders-of-giants/
- Jun. 12, 2020. A Brief Cultural History of Mesquite. Preservation Archaeology Blog, www.archaeologysouthwest.org/2020/06/12/a-brief-cultural-history-of-mesquite/
- Apr. 2, 2020. Finding Friends in Low Places. Preservation Archaeology Blog, www.archaeologysouthwest.org/2020/04/02/finding-friends-in-low-places/
- Feb. 21, 2020. Life of the Girl: The Patayan World. Preservation Archaeology Blog, www.archaeologysouthwest.org/2020/02/20/life-of-the-gila-the-patayan-world/
- Mar. 28, 2019. Lower Gila Field Notes. Preservation Archaeology Blog, www.archaeologysouthwest.org/2019/03/28/lower-gila-field-notes/
- Nov. 2018. Where’s the Buff? Preservation Archaeology Blog, www.archaeologysouthwest.org/2018/11/19/wheres-the-buff/
- Aug. 7, 2018. Identity Politics, Past and Present. Preservation Archaeology Blog, www.archaeologysouthwest.org/2018/08/07/identity-politics-past-and-present/
- Mar. 16, 2018. Michael Harner's Early Years as an Archaeologist (In Memoriam). Preservation Archaeology Blog, www.archaeologysouthwest.org/2018/03/16/michael-harners-early-years-as-an-archaeologist-in-memoriam/
- Jun. 13, 2017. Petroglyphs at Taliesin West. The Whirling Arrow: New and Updates from the Frank Lloyd Wright Foundation. <http://franklloydwright.org/petroglyphs>
- Jun. 11, 2017. The Meaning of Monument. Preservation Archaeology Blog, www.archaeologysouthwest.org/2017/06/09/the-meaning-of-monument/
- Apr. 13, 2017. Friends of Friends: Archaeology Southwest. Friends of Organ Mountains-Desert Peaks, organmountainsdesertpeaks.org/friends-of-friends-archaeology-southwest
- Dec. 16, 2016. Disappointing Discoveries. Preservation Archaeology Blog, www.archaeologysouthwest.org/2016/12/16/disappointing-discoveries/
- Oct. 12, 2016. Delegating. Preservation Archaeology Blog, www.archaeologysouthwest.org/2016/10/12/delegating/
- Oct. 10, 2015. The Making of a Preservation Archaeologist. Preservation Archaeology Blog, www.archaeologysouthwest.org/2015/10/10/the-making-of-a-preservation-archaeologist

Public Lectures and Presentations

- 2024 “Respect and Remedies for Monuments, Sacred Lands and Cultural Resources.” Invited Keynote lecture (with Kelley Hays Gilpin) Invited lecture for the Annual State Meeting of the Arizona Archaeological Society, October 26, Sedona.

- 2024 “The Stones of Taliesin West: Frank Lloyd Wright and the Petroglyphs of Paradise Valley.” Invited lecture for the McDowell Sonoran Conservancy, October 22, Scottsdale, Arizona.
- 2024 “Triangulating Piipaash History along the Lower Gila River, Southwestern Arizona.” Invited lecture for the Desert Foothills Chapter of the Arizona Archaeological Society, October 9, Cave Creek.
- 2024 “Indigenous Rock Imagery of the Sonoran Desert.” Invited lecture for the Desert Foothills Land Trust, October 1, Scottsdale, Arizona.
- 2024 “Triangulating Piipaash History along the Lower Gila River, Southwestern Arizona.” Invited presentation for the Salt River Pima-Maricopa Indian Community’s Introduction to Archaeology Series, July 9, Scottsdale, Arizona.
- 2024 “Patayan/Yuman Culture History: A Critical Reappraisal.” Invited presentation for Arizona Preservation Pre-Conference Symposium “Toward Reconciling Differing Views of Yavapai Origins,” June 25, Prescott, Arizona.
- 2024 “Indigenous Rock Imagery of the Sonoran Desert.” Grant County Archaeological Society, May 8, San Lorenzo, New Mexico.
- 2024 “Indigenous Rock Imagery of the Sonoran Desert.” Deer Valley Petroglyph Preserve, April 10, Phoenix, Arizona.
- 2023 “Indigenous Rock Imagery of the Sonoran Desert.” Invited lecture for the Pastfinders of the McDowell Sonoran Conservancy, October 24, Scottsdale, Arizona.
- 2023 “Ancestral Yuman Ceramics: Problems and Prospects.” Invited lecture for the Rim Country Chapter of the Arizona Archaeological Society, May 27, Payson.
- 2023 “Rock Imagery Research across Southern Arizona: A Status Report.” Invited lecture for the Yavapai Chapter of the Arizona Archaeological Society, January 18, Prescott.
- 2022 “Rock Imagery of Southern Arizona.” Invited lecture for the Phoenix Chapter of the Arizona Archaeological Society, December 13, Phoenix.
- 2022 “Rock Imagery of Southwestern Arizona.” Invited lecture for the Annual State Meeting of the Arizona Archaeological Society, October 29, Sedona.
- 2022 “Weaving Belief into the Land: Labyrinth Petroglyphs in the Context of Indigenous Southwest Rock Imagery.” Featured lecture for the Annual Gathering of The Labyrinth Society, October 1, Scottsdale, Arizona.
- 2022 “Hohokam, Patayan, or ?—Unmixing the Archaeology of the Lower Gila River.” Invited lecture for the Phoenix Chapter of the Arizona Archaeological Society, April 12, Phoenix.
- 2022 “New Research into Patayan/Yuman Culture History: A Re-examination of the Bouse Walk-in Well in Far-Western Arizona.” Invited lecture for the Colorado Desert Archaeological Society, February 1, Anza-Borrego Desert Park, California.
- 2021 “Hohokam, Patayan, or ?—Unmixing the Archaeology of the Lower Gila River.” Invited lecture for the SanTan Chapter of the Arizona Archaeological Society, October 13, Queen Creek.
- 2021 “The People behind the Petroglyphs: The Cultural Landscape of the Lower Gila River.” Invited lecture for Old Pueblo Archaeological Center, September 16, Tucson, Arizona.

- 2019 “A Renewed Study of a Patayan Walk-in Well on the Ranegras Plain in Far Western Arizona.” Invited lecture for the Desert Foothills Chapter of the Arizona Archaeological Society, September 11, Cave Creek.
- 2019 “A Renewed Study of a Patayan Walk-in Well on the Ranegras Plain in Far Western Arizona.” Invited lecture for the Arizona Archaeological and Historical Society, July 15, Tucson.
- 2019 “Why You Should Experience the Painted Rock Petroglyph Site.” Invited lecture for Archaeology Cafe, October 1, Tucson, Arizona.
- 2019 “What’s West of Phoenix? Patayan Archaeology of the Lower Gila River.” Invited lecture for Archaeology Cafe, March 5, Phoenix, Arizona.
- 2018 “The Stones of Taliesin West: Frank Lloyd Wright and the Petroglyphs of Paradise Valley.” Invited lecture for the Taliesin Next Series, April 4, Frank Lloyd Wright Foundation, Taliesin West, Scottsdale, Arizona.
- 2018 “The Western Range of the Red-on-Buff Culture, *Redux*.” Invited lecture for the Phoenix Chapter of the Arizona Archaeological Society, February 13, Phoenix.
- 2017 “The Western Range of the Red-on-Buff Culture, *Redux*.” Invited lecture for the Desert Foothills Chapter of the Arizona Archaeological Society, October 11, Cave Creek.
- 2017 “The Bouse Walk-in Well.” Invited lecture for the Phoenix Chapter of the Arizona Archaeological Society, October 10th10, Phoenix.
- 2017 “Hohokam/Patayan to O’odham/Yuman: The Cultural Landscape of the Lower Gila River.” Invited lecture for the Third Thursday Food for Thought Dinner Series, Old Pueblo Archaeology Center, September 21, Tucson, Arizona.
- 2017 “The Bouse Walk-in Well.” Invited lecture for the Rim Country Chapter of the Arizona Archaeological Society, June 17, Payson.
- 2017 “Preserving the Cultural Landscape of the Great Bend of the Gila.” Invited lecture for the Verde Valley Chapter of the Arizona Archaeological Society, March 23, Sedona.
- 2017 “The Painted Rock Petroglyph Site along the Lower Gila River in Southwestern Arizona.” Invited lecture for the Southern Nevada Rock Art Association, February 27, Las Vegas, Nevada.
- 2017 “Archaeology and History of the Painted Rock Petroglyphs along the Lower Gila River.” Invited lecture for the Flagstaff Chapter of the Arizona Archaeological Society, February 21, Flagstaff.
- 2017 “Archaeology and History of the Painted Rock Petroglyphs along the Lower Gila River.” Invited lecture for the Yavapai Chapter of the Arizona Archaeological Society, February 16, Prescott.
- 2017 “What’s Great about the Great Bend of the Gila.” Invited lecture for the annual meeting of the Arizona Site Stewards, January 22, Tucson District.
- 2016 “Archaeologies of Religion and Ritual: Theory, Method, and Applications in the Borderlands.” Invited presentation for University of Arizona Graduate Seminar “Archaeology of the Borderlands,” November 8, by Barbara J. Mills.

- 2016 “Along River Margins: The Archaeology of Cultural Edges in Southwestern Arizona.” Invited Keynote lecture Annual State Meeting of the Arizona Archaeological Society, November 5, Prescott.
- 2016 “An Archaeological and Historical Overview of the Painted Rock Petroglyph Site along the Lower Gila River.” Invited Lecture for the Phoenix Chapter of the Arizona Archaeological Society, September 13, Phoenix.
- 2016 “Hohokam Rock Art, Mountain Ritualism, and Social Transformation in the Salt River Valley.” Invited lecture for the Third Thursday Food for Thought Dinner Series, Old Pueblo Archaeology Center, March 17, Tucson, Arizona.
- 2016 “10,000 Years of Multiculturalism along the Great Bend of the Gila.” Invited lecture for the San Tan Chapter of the Arizona Archaeological Society, March 9, Queen Creek.
- 2016 “Archaeology of the Great Bend of the Gila: Working Toward a New National Monument.” Invited lecture for the Deer Valley Petroglyph Preserve, February 20, Phoenix, Arizona.
- 2016 “Archaeology along the Great Bend of the Gila: 10,000 Years of Multiculturalism in Southwestern Arizona.” Invited lecture for the Rim Country Chapter of the Arizona Archaeological Society, January 16, Payson.
- 2015 “Exploring and Protecting the Great Bend of the Gila.” Invited lecture for Archaeology Cafe, November 17, Phoenix, Arizona.
- 2015 “The South Mountains Ritual Landscape and Hohokam Social Change.” Invited lecture for the Phoenix Chapter of the Arizona Archaeological Society, September 10, Phoenix.
- 2015 “The Ritual Practice of Hohokam Rock Art in the Phoenix Basin.” Invited lecture for the Arizona Archaeological and Historical Society, May 18, Tucson.
- 2008 “The South Mountain Rock Art Project.” Invited lecture for the Pueblo Grande Museum Auxiliary, May 8, Phoenix, Arizona.
- 2008 “Technological Styles of Hohokam Petroglyph Production.” Invited lecture for the Phoenix Chapter of the Arizona Archaeological Society, May 7, Phoenix.
- 2008 “Hohokam Terrace Farming in the South Mountains.” Invited lecture for the annual state meeting of the Arizona Archaeological Society, February 5, Phoenix.
- 2007 “Rock Art and Archaeology in Arizona’s South Mountains.” Invited lecture for the Phoenix Chapter of the Arizona Archaeological Society, May 3, Phoenix.
- 2007 “The South Mountain Rock Art Project: Community-Based Preservation Archaeology in Your Backyard.” Invited lecture for the Deer Valley Rock Art Center, February 10, Glendale, Arizona.
- 2006 “A Low-Frequency Paleoclimatic Reconstruction from the La Plata Mountains, Colorado and Its Implications for Agricultural Paleoproductivity in the Mesa Verde Region.” Invited lecture for the School of Human Evolution and Social Change Graduate Student Brown Bag Series, Arizona State University, November 7, Tempe.
- 2006 “Palynological Paleoclimatology: A Revised Methodology for Subalpine Environments.” Wiley Graduate Research Expo, Washington State University, Pullman.

- 2006 “Pollen Evidence for Paleoclimatic Change in Southwestern Colorado.” Invited lecture for the University of Arizona’s Department of Physics and Atmospheric Sciences AMS Laboratory’s Weekly Visiting Scholar Discussion, March 17, Tucson.
- 2005 “Temperature Trends and their Role in the Adoption of Domesticated Plants in the Northern San Juan Basin.” Department of Anthropology Graduate Student Brown Bag Series, Washington State University, Pullman.
- 2005 “Temperature Trends and their Role in the Adoption of Domesticated Plants in the Northern San Juan Basin.” Wiley Graduate Research Expo, Washington State University, Pullman.
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PROFESSIONAL DEVELOPMENT

- 2018-present Register of Professional Archaeologists (No. 17539)
2007 University of Arizona (non-degree seeking student)
2006-2007 Arizona State University (non-degree seeking student)

Internship and Field School

- 2006 Radiocarbon AMS Laboratory Internship. University of Arizona. Instructor: George Burr
1997 Ohio State University Archaeological Field School. Instructor: William Dancey

Graduate Classes

- 2007 *Anthropology of Rock Art* (ANTH 599; Instructor: Andrew Duff)
Proposal Writing (ASB 597; Instructor: Geoffrey Clark)
Hohokam Visual Media (ARS 592; Instructor: Kate Duncan)
Dendroarchaeology (GEOS 597J; Instructors: Jeff Dean and Ron Towner)
Introduction to G.I.S. (GPH 590; Instructor: Chris Lukinbeal)
Prehistory of the Sonoran Desert (ASB 590; Instructor: Arleyn Simon)
- 2006 *The Social Realm in Southwest Archaeology* (ASB 591; Instructor: Michelle Hegmon)
Ceramic Analysis (ANTH 514; Instructor: Andrew Duff)
- 2005 *Cultural Resource Management* (ANTH 535; Instructor: Mary Collins)
Sediments in Archaeology (ANTH 570; Instructor: Melissa Goodman-Elgar)
Prehistory of the Desert West (ANTH 546; Instructor: Karen Lupo)
Quantitative Methods in Anthropology (ANTH 537; Instructor: Andrew Duff)
Prehistory of the Southwest (ANTH 539; Instructor: Andrew Duff)
Evolutionary Method and Theory in Anthropology (ANTH 562; Instructor: John Patton)
- 2004 *Palynology* (ANTH 576; Instructor: John Jones)
Archaeological Method and Theory (ANTH 530; Instructor: William Lipe)
Fundamentals of Cultural Anthropology (ANTH 510; Instructor: John Bodley)
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EMPLOYMENT

Academic and Non-Profit Employment History (detailed descriptions available upon request)

- 2014 – Preservation Anthropologist, Archaeology Southwest, Tucson, Arizona.
2015-2016 Research Associate, ASU, Tempe.
2010-2015 Research Associate, Archaeology Southwest, Tucson, Arizona.
2006-2010 Preservation Fellow, Center for Desert Archaeology, Tucson, Arizona.
2006-2010 Research Associate, ASU, Tempe, Arizona.
2008 Teaching Assistant for Dr. Arleyn Simon, ASU.
2005-2006 Lab Director. Department of Anthropology Palynology Laboratory, WSU.

2005-2006 Research Assistant for Dr. Timothy A. Kohler, WSU.
2005 Teaching Assistant for Dr. Andrew Duff (summer), WSU.
2004-2005 Grader for ANTH 201, WSU.
2004-2005 Volunteer for the Anthropology Museum, WSU.
2004 Tutor for ANTH 201 & 203 (fall), WSU Student Learning and Advising Center.

Field Employment History (Detailed descriptions available upon request)

2022-2024 Principal Investigator. Indigenous Trails across the Great Bend of the Gila. Archaeology Southwest, Tucson, Arizona.
2017-2021 Principal Investigator. Lower Gila River Ethnographic and Archaeological Project. Archaeology Southwest, Tucson, Arizona.
2015-2017 Principal Investigator. Sonoran Desert National Monument Cultural Resource Inventory. Archaeology Southwest, Tucson, Arizona.
2016 Principal Investigator. Painted Rocks Site Condition Assessment Project. Archaeology Southwest, Tucson, Arizona.
2006-2010 Project Director. South Mountain Rock Art Project. ASU, Center for Desert Archaeology, and the City of Phoenix, Arizona.
2006 Crew Chief. Cox Ranch Community Survey (WSU project). Fencelake, New Mexico.
2005-2006 Archaeological Technician. Transect Archaeological Services. Pullman, Washington.
2005 Crew Chief. Cox Ranch Community Survey (W.S.U. project). Fencelake, New Mexico.
2002-2005 Archaeological Technician. Four Corners Research. Tularosa, New Mexico.
2004 Lithic Analyst. Four Corners Research. Tularosa, New Mexico.
2004 Lab Technician. Four Corners Research. Tularosa, New Mexico.
2003 Field Technician. Lopez Garcia Group. Dallas, Texas.
2002 Field Technician. Western Cultural Resource Management. Farmington, New Mexico.
2002 Lab Technician. Southwest Archaeological Consultants. Santa Fe, New Mexico.
2000-2002 Archaeologist. Southwest Archaeological Consultants. Santa Fe, New Mexico.