

CURRICULUM VITA

David R. Abbott
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EDUCATION AND DEGREES

Ph.D. Anthropology	Arizona State University	1994
M.S. Statistics	University of Arizona	1986
M.A. Anthropology	Arizona State University	1981
B.A. Anthropology (w/ honors)	Adelphi University	1974

Area of Expertise: Archaeology

Research Interests: Community Organization, Ceramic Analysis,
Large-Scale Irrigation Management, Quantitative Analysis of Archaeological Data

Geographic Focus: Hohokam, Southwest US

EMPLOYMENT RECORD

2008-	Associate Professor of Anthropology, With Tenure, School of Human Evolution and Social Change, Arizona State University
2004-08	Associate Professor of Anthropology, School of Human Evolution and Social Change, Arizona State University
1995-04	Research Associate, Arizona State Museum, University of Arizona
1994-04	Self-employed Archaeological Research Consultant
1994-95	Adjunct Faculty, Department of Anthropology, Arizona State University
1989-93	Ceramics Director, Soil Systems, Inc., Phoenix, AZ
1989-90	Research Assistant, Department of Anthropology, Arizona State University
1989	Temporary Faculty, Department of Anthropology, University of California, Santa Barbara
1988	Research Assistant, Department of Anthropology, Arizona State University

- 1987 Teaching Assistant, Department of Anthropology, Arizona State University
- 1987 Laboratory Analyst, Center for Archaeological Studies, University of California, Santa Barbara
- 1986-87 Teaching Assistant, Department of Anthropology, University of California, Santa Barbara
- 1985-86 Teaching Assistant, Department of Statistics, University of Arizona
- 1980-85 Ceramics Director, Fieldcrew Chief, Arizona State Museum, University of Arizona
- 1979 Forest Archaeologist, USDA Forest Service, Carson National Forest
- 1978 District Archaeologist, USDA Forest Service, Kaibab National Forest
- 1976-77 Assistant Archaeologist, USDA Forest Service, Tonto National Forest

EXTRAMURAL RESEARCH GRANTS AS PRINCIPAL INVESTIGATOR

- 2016-17 Bureau of Land Management: Legacies on the Landscape, Socioecological Interactions on Perry Mesa, Agua Fria National Monument, Arizona. (\$30,000)
- 2011-12 National Science Foundation. Title: Doctoral Dissertation Improvement Grant (Sophia E. Kelly): A Multi-factor Analysis of the Emergence of a Specialist-based Economy among the Phoenix Basin Hohokam. (\$11,743)
- 2006-10 National Science Foundation. Title: Alliance and Landscape: Perry Mesa, Arizona in the Fourteenth Century. (Katherine Spielmann, co-PI) (\$210,750)
- 2008-10 National Science Foundation Supplement. Title: Alliance and Landscape: Perry Mesa, Arizona in the Fourteenth Century. (Katherine Spielmann, co-PI) (\$19,993)
- 2002-04 National Science Foundation. Title: Pottery Production and Ballcourt Ceremonialism: Remarkably Sophisticated Economics Among the Hohokam. (\$149,895)
- 1998-99 Southwest Parks and Monuments Association First Interdisciplinary, Multi-Park Research Grant. Title: Unlocking the Mystery of Hohokam Buffware Production and Distribution at National Parks in Arizona. (\$50,000)
- 1996-98 National Science Foundation. Title: Hohokam Ceramics and Social Organization During the Sedentary Period. (\$89,437)

- 1995 Arizona Archaeological and Historical Society Research Grant. Title: An Electron Microprobe Analysis of Hohokam Pottery from AZ U:9:100(ASU) and Elsewhere. (\$500)
- 1992 National Science Foundation, Dissertation Improvement Grant. Title: Tracing Hohokam Ceramic Exchange in the Lower Salt River Valley, Arizona. (\$9,400)
- 1992 Arizona Archaeological and Historical Society Research Grant. Title: Specialized Analyses of the Hohokam Ceramics from La Villa, in the Lower Salt River Valley. (\$250)
- 1990 Sigma Xi Grants-in-Aid-of-Research. Title: Segmentation and Hierarchy: Developing Socio-Political Complexity Among the Classic Period Hohokam. (\$600)

COLLABORATIVE EXTRAMURAL RESEARCH GRANTS

- 2017-19 National Endowment for the Humanities. Keith Kingth (ASU, Lead PI), David Abbott (Co-PI). Title: Digital Archive of Huhugam Archaeology (\$349,836).
- 2011-15 National Science Foundation. Margaret Nelson (ASU, Lead PI), David Abbott (Co-PI). Title: CNH: The Complexities of Ecological and Social Diversity: A Long-Term Perspective (\$1,425,000).
- 2010-12 Bureau of Land Management. Katherine Spielmann (ASU, Lead PI), David Abbott (Co-PI). Title: Legacies on the Landscape, Socioecological Interactions on Perry Mesa, Agua Fria National Monument, Arizona. (\$100,000)
- 2008 Bureau of Land Management. Katherine Spielmann (ASU, Lead PI), David Abbott (Co-PI). Title: Supplement, Legacies on the Landscape, Socioecological Interactions on Perry Mesa, Agua Fria National Monument, Arizona. (\$13,992)
- 2005-09 National Science Foundation. Margaret Nelson (ASU, Lead PI), David Abbott (Senior Scientist). Title: Long-Term Coupled Socioecological Change in Northern Mexico and the American Southwest. (\$540,955)
- 2005-08 National Science Foundation. John M. Anderies (ASU Lead PI), David Abbott (Senior Scientist). Title: AOC: Integrated Analysis of Robustness in Dynamic Social Ecological Systems, (\$749,278)

EXTERNAL CONTRACTS

2014	Logan Simpson Design, Inc. – Microprobe Analysis of Hohokam Brown-paste Variants from La Ciudad (\$3,276)
2010-11	Arizona Archaeological Society -- Study of Phyllite-Tempered Pottery From Brooklyn Basin and Seven Springs, Central Arizona (\$5,211)
2010	University of Iowa – Chemical Assays of Phyllite Ceramics (\$1,200)
2009-10	EcoPlan – Cordes Junction Ceramics Phyllite Study (\$17,795)
2010	Gila River Indian Community – Buff Ware Ceramic Analysis III (\$8,634)
2010	Gila River Indian Community – Buff Ware Ceramic Analysis II (\$15,240)
2008-10	Gila River Indian Community – Buff Ware Ceramic Analysis (\$15,172)
2008-09	Soil Systems, Inc., Small Projects Ceramic Analysis (\$2,498)
2007-08	Northland Research, Inc., Title: Pueblo del Rio Ceramic Analysis (\$18,001)
2007-08	URS Corp. Title: La Plaza Ceramic Analysis, URS. (\$20,012)
2007-08	Soil Systems, Inc. Title: La Lomita Ceramic Analysis, Soil Systems. (\$10,000)
2006-07	Northland Research, Inc. Title: Cactus Forest Polychrome Ceramic Study. (\$5,390)
2006-07	Archaeological Research Services, Inc. Title: Pueblo Poniente Ceramic Analysis. (\$4,018)
2006-07	SWCA, Inc. Title: Saguaro Forest Data Recovery Ceramic Analysis. (\$3,977)
2006-07	Arizona Archaeological Society. Title: Quarter Circle One Ranch Ceramic Analysis. (\$4,500)
2006-07	SWCA, Inc. Title: Lakin Property Archaeological Testing Task IV: Morocco Ruins Ceramics. (\$3,005)
2005-06	Soil Systems, Inc. Title: Caterpillar Ceramic Analysis. (\$30,000)
2005-07	Soil Systems, Inc. Title: Southwest Germann Ceramic Analysis. (\$40,000)
2005-06	Soil Systems, Inc. Title: Desert Rose Ceramic Analysis. (\$6,000)
2005-06	Soil Systems, Inc. Title: Superstition Mountains Ceramic Analysis. (\$2,998)

- 2005-06 Northland Research, Inc. Title: Electron Microprobe Analysis of Ceramics near Lake Pleasant, Arizona. (\$1,992)
- 2005-06 Carter-Burgess, Inc. Title: Ceramic Research Design for Merrill Ranch Development Project. (\$2,000)
- 2005-06 SWCA, Inc. Title: Ceramic Analysis for the Lakin Burial Recovery Project. (\$3,496)
- 2005-06 SWCA, Inc. Title: Arroyo Seco Ceramic Analysis. (\$1,002)
- 2005-06 Archaeological Research Services, Inc. Title: Pueblo Viejo Ceramic Analysis. (\$1,002)
- 2004-05 Soil Systems, Inc. Title: Calderwood Butte Ceramic Analysis. (\$29,929)
- 2004-05 Northland Research, Inc. Title: SRP Ceramic Analysis. (\$36,215)

FELLOWSHIPS AND HONORS

- 2016 Governor's Archaeology Advisory Commission Award in Public Archaeology for Lifetime Achievement, signed by Arizona Governor Douglas Ducey
- 2016 Arizona Archaeology Society Professional Archaeologist Award
- 2010 Arizona Archaeological Council Award for Contributions to Arizona Archaeology
- 1996 Richard Carley Hunt Fellowship, Wenner-Gren Foundation for Anthropological Research.
- 1995 Society for American Archaeology Dissertation Award: *Hohokam Social Structure and Irrigation Management: The Ceramic Evidence from the Central Phoenix Basin.*
- 1993-94 Robert H. Lister Fellowship in Southwestern Archaeology, Crow Canyon Archaeological Center (Inaugural Recipient).
- 1991-92 Achievement Rewards for College Scientists Foundation Fellowship.
- 1989 Phi Kappa Phi.

PUBLICATIONS: BOOKS (peer-reviewed)

- 2014 *Alliance and Landscape on Perry Mesa in the Fourteenth Century*. Edited by David R. Abbott and Katherine A. Spielmann, University of Utah Press, Salt Lake City.
- Chapters: Alliance and Landscape on Perry Mesa in the Fourteenth Century: An Introduction
- Evaluating the Verde Confederacy: Alliance Scale and Suppositions in Central Arizona
- 2003 *Centuries of Decline during the Hohokam Classic Period at Pueblo Grande*. Edited by David R. Abbott, University of Arizona Press, Tucson.
- Chapters: Challenging Conventional Conceptions
- Site Structure, Chronology, and Population
- Ceramics, Communities, and Irrigation Management
- The Politics of Decline in Canal System 2
- 2000 *Ceramics and Community Organization among the Hohokam*. University of Arizona Press, Tucson.

PUBLICATIONS: BOOKS (non peer-reviewed)

- 2001 *The Grewe Archaeological Research Project, Volume 2: Material Culture, Part 1: Ceramic Studies*. Edited by David R. Abbott, Anthropological Papers No. 99-1. Northland Research, Tempe.
- Chapters: Ceramic Research Opportunities, Issues, and Rough-Sort Analysis
Electron Microprobe Analyses of the GARP Pottery and Raw Clays
Detailed Sherd Analysis
Standardization in Buff Ware Production
Specialized Studies and Observation on Pottery Production
Conclusions for the GARP Ceramic Analysis
- 1995 *Archaeology at the Head of the Scottsdale Canal System, Vol. 2: Studies of Artifacts and Biological Remains*. Edited by T. Kathleen Henderson and David R. Abbott, Anthropological Papers No. 95-1. Northland Research, Flagstaff, AZ.
- Chapters: Rough Sort Ceramic Analysis

Chemical Analyses of Plain Ware Clay Fractions
Detailed Ceramic Analysis

1994 *The Pueblo Grande Project, Volume 3: Ceramics and the Production and Exchange of Pottery in the Central Phoenix Basin*. Edited by David R. Abbott, Soil Systems Publications in Archaeology No. 20. Phoenix.

Chapters: The Significance of Regional Studies and the Pueblo Grande Ceramics
Rough-Sort Analysis
Chemical Analyses of Clay Fractions in Hohokam Pottery
Detailed Analysis of Sherds
A Model of Hohokam Ceramic Production and Exchange

PUBLICATIONS: CHAPTERS AND ARTICLES (peer-reviewed)

(Italicized names represent student authors)

- 2017 Clark, Geoffrey A., and David R. Abbott. Hypothesis Testing in Archaeology. *The SAS Encyclopedia of Archaeological Sciences* (in press).
- 2017 Abbott, David R., *Jennifer Burgdorf, Jesse Harrison, Veronica X. Judd, Justin Mortensen, and Hannah Zanotto*. Ceramic Dating Advances for Analyzing the 14th Century Migration to Perry Mesa, Arizona. *Kiva* 83:292-315.
- 2017 Abbott, David R., and Andrew D. Lack. Assessing the Verde Confederacy Deployment to Perry Mesa with Chemical Analyses of Phyllite-Tempered Pottery. *Journal of Arizona Archaeology*. (in press).
- 2017 Abbott, David R., Douglas B. Craig, *Hannah Zanotto, Veronica X. Judd*, and Brent Kober. Measuring Household Inequality in Hohokam Society: An Analysis of Domestic Architecture at Pueblo Grande. *Journal of Archaeological Method and Theory* (under review).
- 2017 Clark, Jeffery J., and David R. Abbott. Classic Period Hohokam. In *The Oxford Handbook of Southwest Archaeology*, edited by Barbara J. Mills and Severin Fowles, pp. 353-380. Oxford University Press, Oxford.
- 2015 Ok Soon Kim, Yun Deuk Jang, David R. Abbott, and *Sophia E. Kelly*. A Interaction of Making Technique for the Changnyeong Type Pottery during the 5th~6th Century. *Journal of Archaeology and Technology* 21:43-68.
- 2014 Ok Soon Kim, David R. Abbott, Yun Deuk Jang, and *Sophia E. Kelly*. Scientific Analyses of Production and Exchange in the Gyeongju Type Pottery Sphere. *Journal of the Korean Archaeological Society* 91:82-121.
- 2013 David R. Abbott, and *Andrew D. Lack*. Prehistoric Warfare in Central Arizona,

- USA: Assessing Its Scale with Ceramic Chemistry. *Geoarchaeology: An International Journal* 28:147-169.
- 2012 *Craig Fertelmes, David R. Abbott, and M. Steven Shackley.* Obsidian Source Characterization at Las Colinas: Shifting Exchange Patterns during the Hohokam Sedentary- Classic Transition. *Kiva* 77(3):281-311.
- 2012 *David R. Abbott, Sophia E. Kelly, Andrew D. Lack, and Margaret E. Beck.* Testing the Provenance of Patayan Pottery at Las Colinas: Chemical and Petrographic Analyses of Phyllite-Temper Fragments. *Journal of Archaeological Science* 39:984-993.
- 2012 *David R. Abbott, Andrew D. Lack, Alexa M. Smith, and Henry D. Wallace.* A Manual and Graphical Guide for Hohokam Decorated Ceramics from the Middle Gila River Valley: Towards a Systematic Approach to Hohokam Pottery Classification. *Journal of Arizona Archaeology* 2:51-79.
- 2012 *Andrew D. Lack, Sophia E. Kelly, David R. Abbott, Joshua Watts, and Pamela Cox.* Identifying and Charting the Rise of Specialized Red-on-Buff Pottery Production along Queen Creek, Phoenix Basin. *Journal of Arizona Archaeology* 2:37-50.
- 2012 *Ok Soon Kim, David R. Abbott, Sophia E. Kelly, and Yun Deuk Jang* Production System of Changnyeong Type Pottery. *Journal of Baekje Studies* 7:133-158.
- 2012 *Nelson, Margaret C., and others.* Long-term Vulnerability and Resilience: Three Examples from an Archaeological Study in the Southwestern US and Northern Mexico. In *Surviving Sudden Environmental Change*, edited by J. Cooper and P. Sheets, pp. 193-217. University Press of Colorado, Boulder.
- 2012 *Andrew D. Lack, Sophia E. Kelly, David R. Abbott, Joshua Watts, and Pamela Cox.* Identifying and Charting the Rise of Specialized Red-on-buff Pottery Production along Queen Creek, Phoenix Basin. *Journal of Arizona Archaeology* 2:37-50.
- 2011 *Sophia E. Kelly, Christopher N. Watkins, and David R. Abbott.* Revisiting the Exploitable Threshold Model: 14th Century Resource Procurement and Landscape Dynamics on Perry Mesa, Arizona. *Journal of Field Archaeology* 36:322-336.
- 2011 *Ok Soon Kim, Andrew D. Lack, and David R. Abbott.* A Tentative Study of Ceramic Porosity. *Komunhwa: Korean Antiquity* 78:95-116.
- 2010 *David R. Abbott and Joshua Watts.* Identical Rock Types with Different

- Chemistry: Sourcing Phyllite-Tempered Hohokam Pottery from the Phoenix Basin, Arizona. *Journal of Archaeological Science* 37:1612-1622.
- 2010 David R. Abbott. The Rise and Demise of Marketplace Exchange among the Prehistoric Hohokam of Arizona. In *Archaeological Approaches to Market Exchange in Pre-Capitalist Societies*, edited by Christopher P. Garraty and Barbara L. Stark, pp. 61-83. University Press of Colorado.
- 2010 Margaret C. Nelson, Keith Kintigh, David R. Abbott, and John M. Anderies. The Cross-scale Interplay between Social and Biophysical Context and the Vulnerability of Irrigation-dependent Societies: Archaeology's Long-term Perspective. *Ecology and Society* 15(3):31- 55 URL: <http://www.ecologyandsociety.org/vol15/iss3/art31/>
- 2009 Sophia E. Kelly, David R. Abbott, Gordon Moore, *Christopher Watkins*, and *Caitlin Wichlacz*. A Preliminary Evaluation of the Verde Confederacy Model: Testing Expectations of Pottery Exchange in the Central Arizona Highlands. In *Interpreting Silent Artefacts: Petrographic Approaches to Archaeological Ceramics*, edited by Patrick S. Quinn, pp. 245-266. Archaeopress, Oxford.
- 2009 David R. Abbott. Extensive and Long-Term Specialization: Hohokam Ceramic Production in the Phoenix Basin, Arizona. *American Antiquity* 74:531-557.
- 2008 David R. Abbott, *Andrew D. Lack*, and Mark R. Hackbarth. Provenance and Microprobe Assays of Phyllite-Tempered Ceramics from the Uplands of Central Arizona. *Geoarchaeology: An International Journal* 23:213-242.
- 2007 The Process, Location, and History of Hohokam Buff Ware Production: Some Experimental and Analytical Results. *Journal of Archaeological Science* 35:388-397.
- 2007 David R. Abbott, *Andrew D. Lack*, and Gordon Moore. Chemical Assays of Temper and Clay: Modeling Pottery Production and Exchange in the Uplands North of the Phoenix Basin, Arizona, USA. *Archaeometry* 50:48-56.
- 2007 David R. Abbott, *Joshua Watts*, and *Andrew D. Lack*. The Provenance and Concentrated Production of Hohokam Red-on-Buff Pottery: Implications for an Ancient Arizona Economy. *Journal of Anthropological Research* 63:331-357.
- 2007 David R. Abbott, Alexa M. Smith, and *Emiliano Gallaga*. Ballcourts and Ceramics: The Case for Hohokam Marketplaces in the Arizona Desert. *American Antiquity* 72:461-484.
- 2006 Hohokam Ritual and Economic Transformation: Ceramic Evidence from the

- Phoenix Basin, Arizona. *The North American Archaeologist* 27:285-310.
- 2006 David R. Abbott, *Scott E. Ingram*, and Brent G. Kober. Hohokam Exchange and Early Classic Period Organization in Central Arizona: Focal Villages or Linear Communities? *Journal of Field Archaeology* 31:285-305.
- 2005 Robert C. Hunt, David Guillet, David R. Abbott, and others. Plausible Ethnographic Analogies for the Social Organization of Hohokam Canal Irrigation. *American Antiquity* 70:433-456.
- 2005 James W. Cogswell, David R. Abbott, Elizabeth J. Miksa, Hector Neff, R. Jeffery Speakman, and Michael D. Glasscock. A Provenance Study of Hohokam Schist-Tempered Pottery and Raw Materials: Techniques and Prospects. In *Laser Ablation ICP-MS in Archaeological Research*, edited by R. J. Speakman and H. Neff, pp. 104-116. University of New Mexico Press, Albuquerque.
- 2001 David R. Abbott, *Susan L. Stinson*, and *Scott Van Keuren*. The Economic Implications of Hohokam Buff Ware Exchange during the Early Sedentary Period. *Kiva* 67:7-29.
- 2000 Mark D. Elson and David R. Abbott. Organizational Variability in Platform Mound-Building Groups of the American Southwest. In *Alternative Leadership Strategies in the Prehispanic Southwest*, edited by Barbara J. Mills, pp. 117-135. University of Arizona Press, Tucson.
- 1998 Arleyn Simon, James H. Burton, and David R. Abbott. Intraregional Connections in the Development and Distribution of Salado Polychromes in Central Arizona. *Journal of Anthropological Research* 54:521-550.
- 1997 *Scott Van Keuren*, *Susan L. Stinson*, and David R. Abbott. Specialized Production of Hohokam Plain Ware Ceramics in the Lower Salt River Valley. *Kiva* 63:155-175.
- 1996 Ceramic Exchange and a Strategy for Reconstructing Organizational Developments among the Hohokam. In *Interpreting Southwestern Diversity: Underlying Principles and Overarching Patterns*, edited by Paul Fish and J. Jefferson Reid, pp. 147-158. Anthropological Research Papers No. 48. Arizona State University, Tempe.
- 1996 Sampling. In *The Oxford Companion to Archaeology*, edited by Brian M. Fagan, pp. 621-622. Oxford University, New York.
- 1995 David R. Abbott and Mary-ellen Walsh-Anduze. Temporal Patterns Without

- Temporal Variation: The Paradox of Hohokam Red Ware Ceramics. In *Ceramic Production in the American Southwest*, edited by Barbara J. Mills and Patricia L. Crown, pp. 88-114. University of Arizona, Tucson.
- 1994 David R. Abbott and David M. Schaller. Ceramics Among the Hohokam: Modeling Social Organization and Exchange. In *Archaeometry of Pre-Columbian Sites and Artifacts*, edited by David A. Scott and Pieter Meyers, pp. 85-109. Getty Conservation Institute, Los Angeles.
- 1992 David R. Abbott and David M. Schaller. Exploring the Production and Social Significance of Salado Polychrome at Central Phoenix Basin Hohokam Sites. In *Proceedings of the Second Salado Conference*, edited by Richard C. Lange and Stephen Germick, pp. 248-258. Arizona Archaeological Society, Phoenix.
- 1985 Unbiased Estimates of Feature Frequencies with Computer Simulation. *American Archaeology* 5:4-11.
- 1979 An Introduction to the Cultural Resources of the Kaibab Plateau. *Western Anasazi Reports* 2:126-140.

BOOK REVIEWS

- 2009 Fragile Patterns: The Archaeology of the Western Papagueria. 2008. Jeffrey H. Altschul and Adrienne G. Rankin (eds.). SRI Press, Tucson. *Journal of Anthropological Research* 65:500-501.
- 2008 From Hohokam to O'odham: The Protohistoric Occupation of the Middle Gila River Valley, Central Arizona. 2006. E. Christian Wells. Gila River Indian Community Anthropological Research Papers No. 3. Sacaton, AZ. *SAS Bulletin: Newsletter of the Society for Archaeological Sciences* 31(3):29-30.
- 1996 Book Note: *Great Excavations: Tales of Early Southwestern Archaeology, 1888-1939*. 1995. Melinda Elliott. School of American Research. Santa Fe. *American Antiquity* 62:173.
- 1995 Review: *Prehistoric Exchange and Sociopolitical Development in the Plateau Southwest*. 1990. Amy Douglass. Garland Publishing. New York. *Kiva* 61:100-102.
- 1993 Review: *Exploring the Hohokam*. 1991. George J. Gumerman (ed.). University of New Mexico Press. Albuquerque. *American Indian Quarterly* 17:289-290.
- 1986 Review: *Rincon Phase Decorated Ceramics in the Tucson Basin: A Focus on the West Branch Site*. 1986. Henry D. Wallace. Institute for American Research

Anthropological Papers No. 1. Tucson; and Decorated Ceramics. In *Archaeological Investigations at the West Branch Site: Early and Middle Rincon Occupation in the Southern Tucson Basin*. 1986. Frederick W. Huntington. Institute for American Research Anthropological Papers No. 5. Tucson. *Arizona Archaeological Council Newsletter* 10(4):9-10.

UNDER REVIEW

David R. Abbott. Middle Sedentary Period Regional Organization and Interaction: A Perspective from the Lower Salt River Valley and the Adjoining Northern Uplands. In *The Hohokam World Perspective, Amerind Series in New World Archaeology*, edited by Suzanne K. Fish and Paul R. Fish, University of Arizona Press, Tucson.

EXHIBITS

- 2011-12 Judy Newland and David R. Abbott. *Choosing a Future with Water: Lessons from the Hohokam*. ASU Museum of Anthropology, Tempe AND Tempe Historical Society, Tempe, AND Chandler Public Library, Chandler.
- 1999-02 David R. Abbott, Elizabeth J. Miksa, and Russell Varineau. *Pottery Pathways -- Hohokam Lifeways*. Travelling Exhibit: Casa Grande Ruins National Monument AND Saguaro National Park AND Organ Pipe Cactus National Monument AND Wupatki National Monument AND Tuzigoot National Monument AND Third Conference on Research and Resource Management in Southern Arizona National Park Areas, Tucson AND 2000 Archaeology Expo, Arizona State Museum AND National Park Service Cultural Resources 2000 Conference, Santa Fe AND 2002 Southwest Symposium, Tucson.

CHAPTERS, ARTICLES, AND REPORTS (non peer-review)

- 2012 David R. Abbott, Christopher N. Watkins, and Sophia E. Kelly. Persistent Connectivity across West-Central Arizona during the 14th Century: A Ceramic Perspective on the Verde Confederacy Model. In *Prehistoric Cultures of the Perry Mesa Region: Proceedings of the Perry Mesa Symposium*, edited by W. G. Russell and M. J. Hoogendyk, pp. 47-62. Friends of the Agua Fria National Monument, Phoenix.
- 2012 *The Fort Mountain Project, Volume 3: The Fort Mountain Ceramic Analysis*. ARS Project Report No. 2003:042(3). Archaeological Research Services, Tubac, AZ.
- 2012 Joshua Watts, David R. Abbott, Andrew D. Lack. Analysis of a Ceramic Assemblage from the Northwestern Portion of La Plaza [AZ U:9:165 (ASM)]. In

Archaeological Investigations at the Northwestern Edge of La Plaza, A Hohokam Village Site in Tempe, Arizona, edited by E. S. Cox and A. E. Rogge, pp. 8.1 – 8.37. Cultural Resource Report 2012-10 (AZ). URS Corporation, Phoenix.

- 2011 Rough-Sort and Detailed Analyses of the Crismon Ruin Ceramics. In *Crismon Ruin: A Hohokam Settlement at the Head of the Lehi Canal System*, edited by T. Kathleen Henderson, pp. 191-224. Anthropological Papers No. 44. Center for Desert Archaeology, Tucson.
- 2011 Chemical Analyses of the Clay Fractions in the Crismon Ruin Buff Ware Pottery. In *Crismon Ruin: A Hohokam Settlement at the Head of the Lehi Canal System*, edited by T. Kathleen Henderson, pp. 243-248. Anthropological Papers No. 44. Center for Desert Archaeology, Tucson.
- 2011 A Provenance Analysis of Buff Ware Pottery from Four Villages in the Lower Salt River Valley. In *Crismon Ruin: A Hohokam Settlement at the Head of the Lehi Canal System*, edited by T. Kathleen Henderson, pp. 249-268. Anthropological Papers No. 44. Center for Desert Archaeology, Tucson.
- 2010 Scott M. Kwiatkowski and David R. Abbott. Ceramics. In *The Fort Mountain Project, Volume 2: Archaeological Investigations at the Fort Mountain Site*, edited by Scott M. Kwiatkowski, pp. 171-184. Project Report No. 2003-042. Archaeological Research Services, Tempe.
- 2008 *Andrew D. Lack, Joshua Watts, Sarah E. Grafakos, and David R. Abbott*. Pottery Provenance and Distribution at Pueblo del Rio on the Western Margin of the Phoenix Basin. Northland Research, Tempe.
- 2008 Joshua Watts, David R. Abbott, and *Andrew D. Lack*. An Analysis of the Ceramic Assemblage from a Northeastern Portion of La Plaza de Tempe [AZ U:9:165(ASM)]. URS Corp., Phoenix.
- 2008 David R. Abbott, *Scott E. Ingram*, and Katherine A. Spielmann. Warfare and Farming: National Science Foundation Research on the Late Prehistoric Occupation of Perry Mesa. In *Prescott to Perry Mesa: 4,000 Years of Adaptation, Innovation, and Change in Central Arizona*, edited by Christine K. Robinson, Cory Breternitz, and Douglas R. Mitchell, pp. 20.1-20.11. Sharlot Hall Museum Press, Prescott.
- 2008 David R. Abbott, and *Andrew D. Lack*. Modeling Community Organization in the Middle Cave Creek District: Compositional Analyses of Pottery from the Livingston Site and the Quarter Circle One Ranch Area. Arizona Archaeological Society, Cave Creek.
- 2007 The Ballcourt Village of Palo Verde Ruin. *Archaeology Southwest* 21(4):4-5.

- 2007 *Andrew D. Lack, Joshua Watts, and David R. Abbott. A Proposal for Ceramic Research at Lost Dutchman Heights. Carter-Burgess, Phoenix.*
- 2007 *Andrew D. Lack, Joshua Watts, and David R. Abbott. Pottery Production and Exchange in the Queen Creek Delta and on the Eastern Flank of the Santan Mountains: Ceramic Analysis of the SRP-Santans Ceramics. Anthropological Research Papers, Northland Research, Tempe.*
- 2007 *Christopher N. Watkins, Joshua Watts, David R. Abbott, and Andrew D. Lack. Pottery Production, Utilization, and Networks of Interaction in the White Tank Mountains: Analysis of the Caterpillar Ceramic Assemblage. Publications in Archaeology, Soil Systems, Phoenix.*
- 2007 Ceramic Research Issues and Rough-Sort Analysis. In *Archaeological Investigations at Palo Verde Ruin, AZ T:8:68(ASM): The Terramar Project, Vol. 2, Artifact Analysis and Synthesis*, edited by Mark R. Hackbarth and Douglas B. Craig, pp. 1-26. Anthropological Papers No. 02-02. Northland Research, Tempe.
- 2007 Microprobe Analysis of Ceramic Clay, Temper, and Slips from Palo Verde Ruin. In *Archaeological Investigations at Palo Verde Ruin, AZ T:8:68(ASM): The Terramar Project, Vol. 2, Artifact Analysis and Synthesis*, edited by Mark R. Hackbarth and Douglas B. Craig, pp. 37-54. Anthropological Papers No. 02-02. Northland Research, Tempe.
- 2007 Detailed Analysis of the Palo Verde Ruin Sherd Assemblage. In *Archaeological Investigations at Palo Verde Ruin, AZ T:8:68(ASM): The Terramar Project, Vol. 2, Artifact Analysis and Synthesis*, edited by Mark R. Hackbarth and Douglas B. Craig, pp. 55-88. Anthropological Papers No. 02-02. Northland Research, Tempe.
- 2007 The Palo Verde Whole Pots and Worked Sherds: Evidence for Decentralized Storage and Specialized Production at Pale Verde Ruin. In *Archaeological Investigations at Palo Verde Ruin, AZ T:8:68(ASM): The Terramar Project, Vol. 2, Artifact Analysis and Synthesis*, edited by Mark R. Hackbarth and Douglas B. Craig, pp. 89-114. Anthropological Papers No. 02-02. Northland Research, Tempe.
- 2007 Ceramics and the Organization of Regional Ceremonial and Exchange Networks at Palo Verde Ruin. In *Archaeological Investigations at Palo Verde Ruin, AZ T:8:68(ASM): The Terramar Project, Vol. 2, Artifact Analysis and Synthesis*, edited by Mark R. Hackbarth and Douglas B. Craig, pp. 293-308. Anthropological Papers No. 02-02. Northland Research, Tempe.
- 2007 Kathryn Mauz and David R. Abbott. Preliminary Geologic Analysis of Metamorphic Temper Materials: Summary of Reconnaissance Activities and Evaluation of Sourcing Potential. In *Archaeological Investigations at Palo Verde*

- Ruin, AZ T:8:68(ASM): The Terramar Project, Vol. 2, Artifact Analysis and Synthesis, edited by Mark R. Hackbarth and Douglas B. Craig, pp. 27-36. Anthropological Papers No. 02-02. Northland Research, Tempe.
- 2006 *Joshua Watts, Andrew D. Lack, and David R. Abbott.* Pottery Production, Exchange, and Community Organization along the Lower Agua Fria: Analyses of the Calderwood Butte Ceramics. Publications in Archaeology, Soil Systems, Phoenix.
- 2006 *Andrew D. Lack and David R. Abbott.* Electron Microprobe Analysis of Plainware Ceramics. In *Cultural Resources Eligibility Testing at AZ T:3:135(ASM), near Lake Pleasant, Maricopa County, Arizona*. Technical Report No. 04-152. Northland Research, Tempe.
- 2006 Analysis and Microprobe Assays of the Mueller Ceramics. In *Archaeological Investigations at the Mueller Site, AZ U:1:307 (ASM), Cave Creek, Arizona*, edited by Mark R. Hackbarth, pp. 35-63. The Arizona Archaeologist No. 36. Arizona Archaeological Society, Phoenix.
- 2006 *Joshua Watts, Andrew D. Lack, and David R. Abbott.* Research Design: Ceramic Research for the Merrill Ranch Development. Carter-Burgess, Phoenix.
- 2005 Prehistoric Ceramics from the El Adobe Project Area at La Plaza. In *La Plaza Y La Cremería: Archaeological Investigations in a Portion of AZ U:9:165(ASM), A Multicomponent Site in Tempe, Maricopa County, Arizona*, edited by Thomas E. Wright, pp. 137-164. Project Report No. 2001:107. Archaeological Research Services, Tempe.
- 2005 Pottery Patterns and Community Organization in Canal System 7: An Analysis of the Ceramics from the Southern Avenue and 24th Street Project Area. In *Archaeological Investigations at an Early Classic Period Farmstead – The First Peoples Site*, edited by Brent Kober and Chester W. Shaw, Jr., pp 67-89. Occasional Paper No.4. Pueblo Grande Museum, Phoenix.
- 2005 The Palo Verde Ruin Chronology. In *Archaeological Investigations at Palo Verde Ruin, AZ T:8:68(ASM): The Terramar Project, Vol. 1, Description and Chronology*, edited by Mark R. Hackbarth and Douglas B. Craig, pp. 241-256. Anthropological Papers No. 02-02. Northland Research, Tempe.
- 2004 Electron Microprobe Analyses of Raw Phyllite and Phyllite-tempered Pottery from the Veres Site. In *Prehistoric Occupation Along Middle Cave Creek, Archaeological Investigations of the Veres Site (AZ U:1:159[ASM])*:

- The AM Ranch Project*, edited by John T. Marshall, pp. 119-138. Archaeological Papers No. 04-01. Northland Research, Tempe.
- 2004 Alexa M. Smith, David R. Abbott, and Ann Cherryman. A Thousand Years in the Making: Prehistoric Ceramics at Roadrunner Village and the Artesia Site. In *Formative Settlements on the Pinaleño Mountains Bajada*, edited by David E. Purcell, pp. 9.1-9.67. Project Report No. 2001-076. Archaeological Research Services, Tempe.
- 2004 John T. Marshall, and David R. Abbott. Chronology. In *Prehistoric Occupation Along Middle Cave Creek, Archaeological Investigations of the Veres Site (AZ U:1:159[ASM]): The AM Ranch Project*, edited by John T. Marshall, pp. 207-226. Archaeological Papers No. 04-01. Northland Research, Tempe.
- 2002 Ceramic Markers of Ancient Irrigation Communities. In *Intersections: Pathways Through Time*, compiled by Brenda L. Shears, Glen E. Rice, Peggy Lindauer, Harue Yoshida. Anthropological Field Studies No. 44. Arizona State University, Tempe.
- 2000 Hohokam Buff Ware Production and Distribution and the Provenance of Decorated Pottery from the BMGR. In *Procurement, Processing, and Passing Through*, edited by Jerry D. Lyon, pp. 577-620. Cultural Resources Report No. 98-267. SWCA, Tucson.
- 2000 Rediscovering the Recipe for Hohokam Buff Ware Pottery. *Archaeology Southwest* 14(3):8-9.
- 1999 Chemical Analysis of Prehistoric Ceramics From Pinnacle Peak Village. In *McDowell Mountains Archaeological Symposium*, edited by K. J. Schroeder, pp. 179-194. Roadrunner Publications in Archaeology No. 10. Roadrunner Archaeology & Consulting, Tempe.
- 1999 Elizabeth J. Miksa and David R. Abbott. Provenance of Pinal-Schist-Tempered Pottery from the Grewe Site, Central Arizona. In *A Century of Parks in Southern Arizona, The Proceedings of the Second Conference on Research and Resource Management in Southern Arizona National Park Areas*, edited by Lee Benson and Brooke Gebow, pp. 65-67. National Park Service and U.S. Geological Survey, Tucson.
- 1998 David R. Abbott and Elizabeth Miksa. Preliminary Evidence Regarding Prehistoric Production Sources of Micaceous Schist-tempered Pottery in the Gila River Valley. In *First Conference on Research and Resource Management in Southern Arizona*

National Park Areas: Extended Abstracts, edited by T. J. Tibbitts and G. J. Maender, pp. 11-13. Organ Pipe Cactus National Monument and Cooperative Park Studies Unit, University of Arizona, Tucson.

- 1997 Ceramic Chronology, Production, and Exchange at La Lomita. In *Archaeological Data Recovery at La Lomita (AZ U:9:67 ASM)*, edited by Douglas R. Mitchell and Thomas N. Motsinger, pp. 35-64. SWCA Archaeological Report No. 96-81, Phoenix.
- 1997 David R. Abbott and John T. Marshall. Artifact Analyses. In *Archaeological and Archival Investigations of Las Canopas: The Estaban Park Project*, by Mark R. Hackbarth, pp. 87-112, Anthropological Papers No. 6. Pueblo Grande Museum, Phoenix.
- 1995 Detailed Ceramic Analysis. In *Archaeology at the Head of the Scottsdale Canal System, Volume 2: Studies of Artifacts and Biological Remains*, edited by T. Kathleen Henderson and David R. Abbott, pp. 57-116. Anthropological Papers No. 95-1. Northland Research, Tempe.
- 1995 Chemical Analyses of Plainware Clay Fractions. In *Archaeology at the Head of the Scottsdale Canal System, Volume 2: Studies of Artifacts and Biological Remains*, edited by T. Kathleen Henderson and David R. Abbott, pp. 39-56. Anthropological Papers No. 95-1. Northland Research, Tempe.
- 1994 A Detailed Analysis of Plain Ware Ceramics. In *Pioneer & Military Memorial Park Archaeological Project in Phoenix, Arizona 1990-1992*, edited by K. J. Schroeder, pp. 119-140. Roadrunner Publications in Anthropology No. 3. Phoenix.
- 1994 David R. Abbott, Douglas R. Mitchell, and J. A. Merewether. Chronology. In *The Pueblo Grande Project: Excavations, Feature Descriptions, Chronology, and Spatial Organization*, vol. 2, edited by Douglas R. Mitchell, pp. 157-253. Publications in Archaeology No. 20. Soil Systems, Phoenix.
- 1993 The Pueblo Viejo Ceramics. In *Pueblo Viejo: Archaeological Investigations at a Classic Period Cemetery in El Roposo Park, Phoenix, Arizona*, edited by Mark Zyniecki, pp. 69-107. Archaeological Report No. 92-75. SWCA, Flagstaff.
- 1991 David R. Abbott and David M. Schaller. Electron Microprobe and Petrographic Analyses of Prehistoric Hohokam Pottery to Determine Ceramic Exchange Within the Salt River Valley, Arizona. In *Materials Issues in Art and Archaeology II*, edited by Pamela B. Vandiver, James Druzik, and George Seagan Wheeler, pp. 441-453. Materials Research Society Symposium Proceedings 185. Pittsburgh.
- 1988 Form, Function, Technology, and Style, in Hohokam Ceramics. In *The 1982-1984 Excavation at Las Colinas: Material Culture*, vol. 4, by David R. Abbott and others, pp. 73-198. Arizona State Museum, Archaeological Series No. 162.

University of Arizona, Tucson.

- 1988 David R. Abbott and David A. Gregory. Hohokam Ceramic Wares and Types. In *The 1982-1984 Excavation at Las Colinas: Material Culture*, vol. 4, by David R. Abbott and others, pp. 5-28. Arizona State Museum Archaeological Series No. 162. University of Arizona, Tucson.
- 1988 David A. Gregory and David R. Abbott. Stages of Mound Construction and Architectural Details. In *The 1982-1984 Excavations at Las Colinas: The Mound 8 Precinct*, vol. 3, edited by David A. Gregory, pp. 9-50. Arizona State Museum Archaeological Series No. 162. University of Arizona, Tucson.
- 1988 Deni J. Seymour, David R. Abbott, Nancy M. Bannister, and David A. Gregory. Extramural Pits and Other Features. In *The 1982-1984 Excavations at Las Colinas: The Mound 8 Precinct*, vol. 3, edited by David A. Gregory, pp. 9-50. Arizona State Museum Archaeological Series No. 162. University of Arizona, Tucson.
- 1985 Spheres of Intra-Cultural Exchange and the Ceramics of the Salt-Gila Aqueduct Project. In *Proceedings of the 1983 Hohokam Symposium, Part II*, edited by Alfred E. Dittert and Donald E. Dove, pp. 419-438. Arizona Archaeological Society Occasional Papers No. 2. Phoenix.
- 1983 A Technological Assessment of Ceramic Variation in the Salt-Gila Aqueduct Area: Towards a Comprehensive Documentation of Hohokam Ceramics. In *Hohokam Archaeology Along the Salt-Gila Aqueduct, Central Arizona Project*, vol. 8, edited by Lynn S. Teague and Patricia L. Crown, pp. 1-118. Arizona State Museum Archaeological Series No. 150. University of Arizona, Tucson.
- 1983 David R. Abbott and Frederick W. Huntington. Excavations at Casas Pequeñas (AZ U:15:97), Hohokam Field Houses in the Queen Creek Area. In *Hohokam Archaeology along the Salt-Gila Aqueduct, Central Arizona Project*, vol. 8, edited by Lynn S. Teague and Patricia L. Crown, pp. 101-224. Arizona State Museum Archaeological Series No. 150. University of Arizona, Tucson.

SYMPOSIA

- 2000 Organizer. Overdue Models of Hohokam Political Organization. 65th Annual Meeting of the Society for American Archaeology, Philadelphia.
- 2010 Organizer. Alliance and Landscape on Perry Mesa, Central Arizona. 75th Annual Meeting of the Society for American Archaeology, St. Louis.

INVITED SPEAKER

- 2016 It's All About Scale: Polity and Alliance in the Prehistoric Central Arizona. Arizona Archaeological and Historical Society, Tucson, Arizona.
- 2009 Fingerprinting Prehistoric Arizonan Ceramics: Zooming in to a 'Neighborhood' Level of the Hohokam Economic Organization. Archaeological Institute of America, Lecture Series at Trucee Meadows, Reno, Nevada.
- 2007 Ceramics in Perspective: The Hohokam Regional Economy during the Sedentary and Classic Periods. Keynote speaker, State-wide Annual Meeting of the Arizona Archaeological Society, Scottsdale.
- 2006 Pottery Composition and the Hohokam Sedentary/Classic Period Transition. IGERT Program in Archaeological Sciences Lecture Series, University of Arizona, Tucson.
- 2002 New Developments Concerning the Hohokam Sedentary and Classic Periods in the Phoenix Area. Museum of New Mexico Foundation, Santa Fe.
- 2001 Ballcourts and Economics Among the Hohokam of Southern and Central Arizona. Eighth Annual Maya Weekend, The Costen Institute of Archaeology, University of California at Los Angeles.
- 1994 Hohokam Ceramics, Irrigation, and Social Organization: Their Articulation in Central Arizona. Crow Canyon Archaeological Center, Cortez, Colorado.

INVITED CONFERENCE PAPERS

- 2017 Jerry Howard, David R. Abbott, and others. Mesa Grande and Its World: An Analysis of Intrusive Pottery Types Recovered from Mesa Grande and Their Social Implications. 82nd Annual Meeting of the Society for American Archaeology, Vancouver.
- 2017 Douglas B. Craig, David R. Abbott, and others. Measuring Household Inequality in Hohokam Society: An Analysis of Domestic Architecture at Pueblo Grande. 82nd Annual Meeting of the Society for American Archaeology, Vancouver.
- 2017 *Caitlin A Wichlacz*, and David R. Abbott. Testing Alternative Settlement Models at Las Colinas with Polychrome Dating. 82nd Annual Meeting of the Society for American Archaeology, Vancouver.

- 2015 Comments on Society and Economy in the Hohokam World: New Evidence and Insights from Canal System 2, Phoenix, Arizona. 80th Annual Meeting of the Society for American Archaeology, San Francisco.
- 2012 David R. Abbott and *Christopher N. Watkins*. The Advantages of Dual Petrographic and Electron Microprobe Analyses in Ceramic Provenance Studies. Paper presented in the symposium “Petrography’s Continued Role in Ceramic Studies: New Advances and Debates,” 77th Annual Meeting of the Society for American Archaeology, Memphis.
- 2011 Michelle Hegmon, Mathew Peeples, Margaret Nelson, Jerry B. Howard, and David R. Abbott Social Change or Path Dependence: Examining Regime Shifts in the Archaeology of the US Southwest. Paper presented at Resilience 2011 – Resilience, Innovation, and Sustainability: Navigating the Complexities of Global Change, Arizona State University, Tempe.
- 2011 Comments on Symposium Papers: New Perspectives on the Hohokam “Collapse.” 76th Annual Meeting of the Society for American Archaeology, Sacramento.
- 2011 David R. Abbott and *Christopher N. Watkins*. Persistent Connectivity across Central Arizona during the 14th Century: Evaluating the Verde Confederacy Model with Ceramics from Perry Mesa. 2011 Perry Mesa Symposium, Phoenix.
- 2010 David R. Abbott and Katherine Spielmann. Alliance and Landscape on Perry Mesa, Central Arizona. Paper presented at the 75th Annual Meeting of the Society for American Archaeology, St. Louis.
- 2008 Jerry B. Howard and David R. Abbott. Structure, Conflict, and Cooperation in Hohokam Water Management. Dynamics of Institutions in Water Resource Management Workshop. The Center for the Study of Institutional Diversity, Arizona State University, Tempe.
- 2008 Margaret C. Nelson, Keith Kintigh, and David R. Abbott. Archaeology’s Long-Term Perspective on Irrigation Infrastructure and Vulnerability. Water Management Strategies for Socio-ecological Resilience in Smallholder Agricultural Landscapes. Stockholm, Sweden.
- 2007 Marketplaces in Middle Range Societies: A Hohokam Case Study. Symposium paper, 72nd Annual Meeting of the Society for American Archaeology, Austin.
- 2005 Comments on Symposium Papers: Using Nuclear Chemistry to Answer Cultural Questions, Recent Applications of INAA in the American Southwest. 70th Annual Meeting of the Society for American Archaeology, Salt Lake City.

- 2005 David R. Abbott and *Cathryn M. Meegan*. Diversity and Resilience at Different Scales: The Expansion and Collapse of the Hohokam Regional System. Symposium paper, 105th Annual Meeting of the American Anthropological Association, Washington D.C.
- 2005 John Anderies, David R. Abbott, and *Scott E. Ingram*. Diversity in Subsistence Strategies and Transformation: The Hohokam of the Phoenix Basin. Symposium paper, 105th Annual Meeting of the American Anthropological Association, Washington D.C.
- 2005 Robert C. Hunt, David Guillet, David R. Abbott, James Bayman, Paul Fish, Suzanne Fish, Keith Kintigh, and James Neely. Ethnographic Models and Ancient Water Systems: Hohokam Irrigation. Panel on Ancient Irrigation, International Water History Association, Paris.
- 2004 Sedentary Period Regional Organization and Interaction: A Perspective from the Lower Salt River Valley and the Hohokam Northern Periphery. Advanced Seminar on Hohokam Trajectories in World Perspective, Amerind Foundation, Dagoon, Arizona.
- 2004 David R. Abbott, Alexa M. Smith, and *Emiliano Gallaga*. Testing the Relationship between Sophisticated Pottery Economics and Ballcourt Ceremonialism Among the Hohokam. Symposium paper, 69th Annual Meeting of the Society for American Archaeology, Montreal.
- 2002 James W. Cogswell, David R. Abbott, Elizabeth J. Miksa, Hector Neff, and Michael D. Glasscock. Compositional Analysis of Hohokam Schist-Tempered Pottery: Comparison of Methods. Symposium paper, 67th Annual Meeting of the Society for American Archaeology, Denver.
- 2000 The Political Implications of Centralized Marketplaces Among the Hohokam. Symposium paper, 65th Annual Meeting of the Society for American Archaeology, Philadelphia.
- 1994 James H. Burton, Arleyn W. Simon, and David R. Abbott. Interregional Connections in the Development and Distribution of Salado Polychromes in Central Arizona. Symposium paper, 59th Annual Meeting of the Society for American Archaeology, Anaheim.
- 1992 Ceramic Exchange and a Strategy for Reconstructing Organizational Developments among the Hohokam. Third Southwest Symposium, Tucson.
- 1991 Mary-Ellen Walsh-Anduze and David R. Abbott. Reconciling Opposing Typologies: Multiple Manufacturing Traditions for Hohokam Red Ware Ceramics. Symposium paper, 56th Annual Meeting of the Society for American Archaeology, New Orleans.

- 1988 Utilitarian and Social Aspects of Hohokam Red Ware: Results from the Las Colinas Project. Symposium paper, 53rd Annual Meeting of the Society for American Archaeology, Phoenix.
- 1984 A Computer Simulation to Estimate the Number of Features at Partially Excavated Sites. Symposium paper, 49th Meeting of the Society for American Archaeology, Portland.

VOLUNTEERED PAPERS

- 2016 *Schwartz, Christopher W., Ben A. Nelson, and David R. Abbott*. Differences in Mesoamerican Connections Across Hohokam Canal Systems of the Phoenix Basin, Arizona. 81st Annual Meeting of the Society for American Archaeology, Orlando.
- 2015 Hanson, Paul R., Jerry B. Howard, and David R. Abbott. Single-grain OSL Dating Results from Pre-Colonial Canal Fills in Arizona. 10th New World Luminescence Dating Workshop , Kanas State University, June, 2015.
- 2015 Hanson, Paul R., Jerry B. Howard, and David R. Abbott. Dating Pre-Colonial Canal Fills Using Single-grain OSL, Phoenix, Arizona, USA. 3rd Luminescence in Archaeology International Symposium, Paris, France, September, 2015.
- 2015 *Judd, Veronica X., Hanah H. Zanotto, David R. Abbott, and Douglas B. Craig*. Digging without Getting Dirty: Making Use of Archival Data to Explore Variation in Labor Costs in Hohokam Architecture at Pueblo Grande. 80th Annual Meeting of the Society for American Archaeology, San Francisco.
- 2015 *Schwartz, Christopher W., Hannah H. Zanotto, Ben Nelson, and David R. Abbott*. Inter-site Differences in Distant Interactions, Hohokam Canal System 2, Phoenix Basin, Arizona. 80th Annual Meeting of the Society for American Archaeology, San Francisco.
- 2014 Reconstructing the Prehistoric Social Organization of Central Arizona: Electron Microprobe Results from “Phyllite Land.” 79th Annual Meeting of the Society for American Archaeology, Austin.
- 2011 *Abbott, David R., Sophia E. Kelly, Andrew Lack, and Margaret Beck* The Provenance of Patayan Pottery from the Patayan Enclave at Las Colinas. 76th Annual Meeting of the Society for American Archaeology, Sacramento.

- 2011 *Lack, Andrew, Sophia E. Kelly, David R. Abbott, Joshua Watts, and Pamela Cox*
The Duration and Extent of Specialized Red-on-buff Production among the Hohokam along Queen Creek in the Phoenix Basin. 76th Annual Meeting of the Society for American Archaeology, Sacramento.
- 2010 *Abbott, David R., Sophia E. Kelly, Andrew Lack, and Margaret Beck*
Sourcing Patayan Pottery from Las Colinas with Electron Microprobe Assays and Petrographic Analysis. Fall Meeting of the Arizona Archaeological Council, Tucson.
- 2010 *Andrew Lack, Sophia E. Kelly, Abbott, David R., and Pamela Cox*
Identifying and Charting the Rise of Specialized Red-on-buff Production along Queen Creek, Phoenix Basin, Arizona. Fall Meeting of the Arizona Archaeological Council, Tucson.
- 2010 *Abbott, David R., Christopher Watkins, and Sophia E. Kelly*
Persistent Connectivity across Central Arizona during the 14th Century: Evaluating the Verde Confederacy Model with Ceramics from Perry Mesa. A Decade of Discovery NLCS Science Symposium, Albuquerque.
- 2009 *Sophia E. Kelly, Gordon Moore, David R. Abbott, and Christopher Watkins,*
Technological Choices Related to Sand Temper Selection in Perry Mesa Plainware Pottery. 74th Annual Meeting of the Society for American Archaeology. Atlanta, Georgia.
- 2008 Unparalleled Production: Hohokam Pottery Specialization in the Phoenix Basin, Arizona. 71st Annual Meeting of the Society for American Archaeology, Vancouver.
- 2008 Louise Purdue, Jean-Francois Berger, Jerry B. Howard, and David R. Abbott,
Micromorphological Study of Irrigation Canal Infillings in the Lower Salt River Valley, Arizona: A High Resolution Tool to Understand Human-Environment Interaction. Meeting of the Arizona Archaeological Council, Phoenix.
- 2007 *Craig Fertelmes, David R. Abbott, and M. Steven Shackley.* Obsidian Sourcing from Las Colinas: Shifting Exchange Patterns during the Hohokam Sedentary-Classic Transition. 70th Annual Meeting of the Society for American Archaeology, Austin.
- 2007 Jerry B. Howard and David R. Abbott
The Riverview Project: Examining the Evolution of Canal System One. Arizona Archaeological Council Symposium: Going with the Flow, Current Research in Prehistoric Irrigation Technology, Mesa.

- 2007 *Louise Purdue*, Jean-Francois Berger, Jerry B. Howard, and David R. Abbott. Lower Salt River Valley: A High Resolution Tool to Investigate Human-Environment Interaction. Arizona Archaeological Council Symposium: Going with the Flow, Current Research in Prehistoric Irrigation Technology, Mesa.
- 2006 David R. Abbott, *Scott E. Ingram*, and Katherine A. Spielmann. Warfare and Farming: NSF Research on the Late Prehistoric Occupation of Perry Mesa. Fall Meeting of the Arizona Archaeological Council, Prescott.
- 2006 *Andrew D. Lack*, and David R. Abbott. Ceramic Production and Community Organization along Cave Creek, Arizona: Electron Microprobe Assays of Wingfield Plain Pottery. Archaeological Sciences of the Americas Symposium 2006, Tucson.
- 2006 *Andrew D. Lack*, *Joshua Watts*, and David R. Abbott. The Production and Distribution of Hohokam Decorated Pottery during the Sacaton Phase. 71st Annual Meeting of the Society for American Archaeology, San Juan.
- 2006 *Louise Purdue*, J. Berger, Jerry B. Howard, and David R. Abbott. Geoarchaeological Approach of Long-term Landscape Evolution and Hydraulic Management in the Salt and Gila Rivers (Phoenix Basin, Arizona) during the Hohokam Occupation: Methodology Adopted and First Results. Archaeological Sciences of the Americas Symposium 2006, Tucson.
- 2006 *Caitlin Wichlacz* and David R. Abbott. A Compositional Analysis of Plain Ware Pottery from La Plata and Richinbar Ruin, Agua Fria National Monument. 71st Annual Meeting of the Society for American Archaeology, San Juan.
- 2006 *Caitlin Wichlacz* and David R. Abbott. Petrographic and Microprobe Analyses of Plain Ware Pottery from Perry Mesa, Arizona. 4th Annual Arizona Historic Preservation Conference, Glendale, Arizona.
- 2005 Hohokam Buff Ware Provenance and its Implications for Sedentary Period Pottery Economics. 70th Annual Meeting of the Society for American Archaeology, Salt Lake City.
- 2003 David R. Abbott, Alexa M. Smith, and *Emiliano Gallaga*. Evaluating the Link between Ball Court Ceremonialism and Pottery Production and Exchange Among the Hohokam: Some Results from Las Colinas. Spring Meeting of Arizona Archaeological Council, Tempe.
- 2002 David R. Abbott and David E. Purcell. Pottery From El Caliche: Testing the Model of Specialized Production During the Sedentary Period. 67th Annual Meeting of the Society for American Archaeology, Denver.

- 2002 Alexa M. Smith and David R. Abbott. Putting Pots in Context: Sedentary and Classic Period Hohokam Ceramic Provenance Studies. 67th Annual Meeting of the Society for American Archaeology, Denver.
- 2002 Henry D. Wallace, David R. Abbott, and Alexa M. Smith. Testing and Applying a Much-Refined Middle Gila Buff Ware Ceramic Typological Sequence in the Hohokam Culture Area of Southern Arizona. 67th Annual Meeting of the Society for American Archaeology, Denver.
- 2000 Chronology at Palo Verde Ruin. Fall Meeting of the Arizona Archaeological Council, Anthem, Arizona.
- 2000 David R. Abbott and Elizabeth Miksa. Progress on Buffware Provenance. Spring Meeting of the Arizona Archaeological Council, Coolidge, Arizona.
- 1999 David R. Abbott and Kathryn Mauz. Sourcing Phyllite-Tempered Ceramics. McDowell Mountains Archaeological Symposium, Scottsdale.
- 1998 Shifting Scales of Production: Hohokam Ceramics from the Sedentary and Classic Periods. 63rd Annual Meeting of the Society for American Archaeology, Seattle.
- 1997 Alternative Perspectives on Classic Period Hohokam Communities of the Lower Salt River Valley. Fall Meeting of the Arizona Archaeological Council, Phoenix.
- 1996 David R. Abbott and Elizabeth Miksa. Preliminary Evidence Regarding Prehistoric Production Sources of Micaceous Schist-Tempered Pottery in the Gila River Valley. First Conference on Research and Resource Management in Southern Arizona National Park Areas, Tucson.
- 1995 Recognizing the Limitations of a Settlement-Pattern Approach for Building Models of Social Organization. 60th Annual Meeting of the Society for American Archaeology, Minneapolis.
- 1995 Complementary Strategies for Building Realistic Models of Hohokam Social Organization. Durango Conference, Durango, Colorado.
- 1994 The Organization of Hohokam Ceramic Production as Identified with Petrographic, Microprobe, and Technological Analyses. World Ceramics Congress, Florence, Italy.
- 1994 Social Change at Pueblo Grande during the Civano/ Polvorón Transition. 59th Annual Meeting of the Society for American Archaeology, Anaheim.
- 1993 Differential Participation in Local Exchange Networks: Evidence for Incipient

- Social Stratification Among the Classic Period Hohokam. 58th Annual Meeting of the Society for American Archaeology, St. Louis.
- 1993 Clarifying Hohokam Socioeconomic Organization: Ceramic Results From Pueblo Grande and Elsewhere. Spring Meeting of the Arizona Archaeological Council, Flagstaff.
- 1992 David R. Abbott and Elizabeth Miksa. Modeling Social Organization and the Exchange of Ceramics Among the Hohokam. International Symposium on Archaeometry, Los Angeles.
- 1992 David R. Abbott and Elizabeth Miksa. Exploring the Production and Social Significance of Salado Polychrome at Central Phoenix Basin Hohokam Sites. Second Salado Conference, Globe, Arizona.
- 1991 David R. Abbott, David M. Schaller, and Robert I. Birnie. Compositional Analysis of Hohokam Pottery from the Salt River Valley, Arizona. 62nd Annual Meeting of the Southwestern Anthropological Association, Tucson.
- 1991 David R. Abbott and Jerry B. Howard Paleohydraulics and Ceramic Exchange: Structure and Interaction in Hohokam Irrigation Communities. 56th Annual Meeting of the Society for American Archaeology, New Orleans.
- 1991 Jane D. Peterson and David R. Abbott. Indices of Salado Polychrome Production: The Evidence from Pueblo Grande. 56th Annual Meeting of the Society for American Archaeology, New Orleans.
- 1990 David M. Schaller and David R. Abbott. Geographic Source of Hohokam Archaeological Ceramics from Phoenix, Arizona, Based on Mineralogy and Petrology. 103rd Annual Meeting of the Geological Society of America, Dallas.
- 1990 David R. Abbott and David M. Schaller. Electron Microprobe and Petrographic Analyses of Prehistoric Hohokam Pottery to Determine Ceramic Exchange Within the Salt River Valley, Arizona. Spring Meeting of the Materials Research Society, San Francisco.
- 1990 David R. Abbott and David M. Schaller. Hohokam Ceramic Exchange within the Salt River Valley, Arizona: Results From the Hohokam Expressway Project. Poster Session at the 55th Annual Meeting of the Society for American Archaeology, Las Vegas, April. ALSO Lobby of the Department of Anthropology, Arizona State

University, April - August. ALSO Poster Session at the 63rd Annual Pecos Conference, Blanding, Utah, August. ALSO Poster Session at the Third Southwest Symposium, Tucson, September. ALSO Poster Session at the International Symposium on Archaeometry, Los Angeles, November.

- 1989 David R. Abbott, Jerry B. Howard, David M. Schaller, John S. Cable, and Cory Dale Breternitz. Investigating Changing Household Structures and Inter-Site Exchange at Pueblo Grande. Fall Meeting of the Arizona Archaeological Council, Phoenix.
- 1988 Social Complexity and the Hohokam: A New Conceptual Framework. 87th Annual Meeting of the American Anthropological Association, Phoenix.
- 1985 Altered Conceptions and Improved Ceramic Dating for the Hohokam Sedentary and Classic Periods: Some Results from the Las Colinas Project. 50th Annual Meeting of the Society for American Archaeology, Denver.
- 1983 Spheres of Intra-Cultural Exchange and the Ceramics of the Salt-Gila Aqueduct Project. The 1983 Hohokam Symposium, Tempe.
- 1982 Technological Stability and Change in Hohokam Red Ware of the Salt-Gila Aqueduct Area. 47th Annual Meeting of the Society for American Archaeology, Minneapolis.

PROFESSIONAL SERVICE

Extramural Service:

- 2012-13 Arizona Archaeological Council Board of Directors
- 2010 Session Organizer: Alliance and Landscape on Perry Mesa, Central Arizona. 75th Meeting of the Society for American Archaeology, St. Louis
- 2007-10 Society for American Archaeology Publications Committee
- 2007-09 Society for American Archaeology Committee on Consulting Archaeology
- 2009 Exhibit Consultant, "Landscape Legacies: The Art and Archaeology of Perry Mesa. Pueblo Grande Museum, Phoenix.
- 2009 Consultant, Mesa Grande Interpretative Planning Team. Arizona Museum of Natural History, Mesa.
- 2007 Workshop Organizer, "Petrographic Techniques for the Identification of Phoenix Basin Petrofacies." November 19-21, Arizona State University

- 2007 Workshop Organizer, "Cultural Resource Management: What It Can Be, What It Is, What We Can Do About It." February 22-23, Arizona State University
- 2006-11 Editorial Advisory Board, *Pottery Southwest*
- 2005-06 Search Committee for Acquisitions Editor of *Kiva, The Journal of Southwestern Anthropology and History*.
- 2005 Workshop Organizer, "Petrographic Techniques for the Identification of Phoenix Basin Petrofacies." February 20-22, Arizona State University
- 2001-04 Board of Directors, Old Pueblo Archaeology Center, Tucson.
- 1997- Peer Reviewer, National Science Foundation Grant Proposals.
- 1996-02 Editor for Statistics, *Kiva, The Journal of Southwestern Anthropology and History*.
- 1996-98 Editorial Advisory Board, *Kiva, The Journal of Southwestern Anthropology and History*.
- 1996-97 Executive Council, Arizona Archaeological Council.

University Service:

- 2009-12 Faculty/Scientific Advisory Committee, Electron Microprobe Facility, CLAS Research Technical Services Group
- 2009-11 CLAS Faculty Senate
- 2006- Honors Faculty
- 2005-08 CLAS Academic Standards Committee
- 2006-07 CLAS Faculty Senate
- 1990-91 Council for Research and Creative Activity, Office of the Vice President for Research

School Service:

- 2017-18 Personnel Committee

2016-17	Professional Conduct Representative
2011-13	Personnel Committee
2008-	Promotion and Tenure Committee
2007-09	Convener, Archaeology Approach
2007-09	Executive Committee
2007-09	Graduate Committee
2006-	Coordinator, Cultural Resource Management Internship
2006	Museum Studies Committee
2005	Ruppe Prize Committee

PROFESSIONAL ASSOCIATIONS

Society for American Archaeology
 Arizona Archaeological Council
 Arizona Archaeological and Historical Society

COURSES TAUGHT AT ARIZONA STATE UNIVERSITY

Graduate:

Topics on Hohokam Archaeology*
 Southwest Archaeology
 Settlement Patterns

Undergraduate:

Research Methods in Archaeology*
 Quantification and Analyses for Anthropologists*
 Principles of Archaeology
 Doing Archaeology*
 Archaeological Method and Theory
 Legacies on the Landscape

*Newly developed courses

GRADUATE AND UNDERGRADUATE COMMITTEES

<i>Name</i>	<i>Chair/Member</i>	<i>Degree</i>
Christopher Caseldine	Chair	M.A. (2014), Ph.D.

Craig Fertelmes	Co-Chair	M.A. (2007), Ph.D. (2013)
Sophia E. Kelly	Chair	Ph.D. (2013)
Andrew D. Lack	Chair	Ph.D. (2013)
Christopher Watkins	Chair	Ph.D. (2016)
Joshua Watts	Chair	Ph.D. (2013)
Caitlin Wichlacz	Chair	Ph.D.
Emily Case	Chair	M.A.
Jocelyn A. Bernatchez	Member	Ph.D. (2012)
Anya Frashure	Member	Ph.D.
Rebecca Hill	Member	Ph.D.
Scott E. Ingram	Member	Ph.D. (2010)
Melissa Kruse-Peebles	Member	Ph.D. (2013)
Shelby Manney	Member	Ph.D.
Cathryn Meegan	Member	Ph.D. (2009)
Michael O'Hara	Member	Ph.D. (2015)
Hannah Reitzel Rivera	Member	Ph.D.
Jason Spernick	Member	M.A. (2006)
Colleen Strawhacker	Member	Ph.D. (2013)
Sarah Striker	Member	Ph.D.
Andrea Torvinen	Member	Ph.D.
M. Scott Thompson	Member	Ph.D. (2014)
Kyle Woodson	Member	Ph.D. (2010)
Caitlin Wichlacz	Chair	B.A. Honor's Thesis (2006)
Caitlin Wichlacz	Member	M.A. (Washington State U. 2008)
Mechell Frazier	Member	M.A. (2016)
John Lulewicz	Co-Chair	B.A. Honor's Thesis (2011)
Rebeca Suarez	Member	B.A. Honor's Thesis (2013)