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Archaeology Division, Biodiversity Institute
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EDUCATION

Ph.D. Anthropology 1984, with Honors, Department of Anthropology, University of Kansas.
MA Anthropology 1977, with Honors, Department of Anthropology, University of Kansas.
BA Anthropology 1973, cum laude, Department of Anthropology, Wichita State University.

ACADEMIC POSITIONS

2011- present Senior Curator, Archaeology Division, Biodiversity Institute, University of Kansas and Courtesy Associate Professor, Department of Anthropology
2006 Associate Curator, Archaeology Division, Biodiversity Institute, University of Kansas and Associate Professor, Department of Anthropology
2001 - 2006 Interim Director and Associate Curator, Museum of Anthropology and Adjunct Associate Professor, Department of Anthropology
1994 Associate Curator, Museum of Anthropology and Adjunct Associate Professor, Department of Anthropology
1989 Associate Curator and Archaeological Collections Manager, Museum of Anthropology, University of Kansas. Adjunct Assistant Professor, Department of Anthropology, University of Kansas.
1985 - 1989; Lecturer, Department of Sociology, University of Missouri Kansas City.
1986 - 1989; Lecturer, Baker University, Masters of Liberal Arts Program.
Present: Archaeo-Botanical Consulting: Owner, Business created that specializes in the identification and analysis of prehistoric plant remains collected from archaeological sites. Consulting focuses on archaeobotanical remains from the Great Plains and surrounding areas

GRANTS AND AWARDS

2016 Bureau of Indian Affairs, Museum Program
2015 Bureau of Reclamation, Curation Agreement
2014 Wenner Gren, Historical Documentation Program.
2011 Support for the Installation of Mobile Compact Shelving, US Army Corps of Engineers, St. Louis MCX office.
2008 National Science Foundation, Collaborative Research: Ceramic Geography and the Social Formations of the Smoky Hill Phase, east-central Kansas.
2008 US Army Corps of Engineers, Tulsa District: John Redmond Lake Collection
2008 Kansas State Historical Society, Kitkahahki Archaeology: Investigations at the Pawnee Indian Village, 14RP1

- 2008** *Ongoing*. Curation Agreement, U.S. Army Corps of Engineers, Tulsa District. Current award supplement of \$86,000 for mobile compact shelving.
- 2007** BudigOne, University of Kansas Digital Initiatives and Scholar Services
- 2007** Wenner Gren, Historical Documentation of the Carlyle S Smith papers
- 2007** *Ongoing*. Curation Contract, U.S. Army Corps of Engineers, Kansas City District
- 2006** Wenner Gren, Historical Documentation of the Robert J. Smith papers
- 2003** Digital Library Initiative, University of Kansas. Creation of the Kansas City Hopewell web site
- 2003** Wenner Gren, Historical Documentation of the Anta Montet White papers
- 2002** Kansas Humanities Council, support for exhibition, *Domestic Fires: Hearths in Plains Prehistory*
- 2002** Bureau of Reclamation, Kansas-Nebraska Office. Cataloging and Storage of Archaeological Collections
- 2002** Kansas Arts Commission, support for the Annual Lawrence Indian Arts Show
- 2002** Institute for Museum and Library Services, Conservation Award
- 2001** Institute for Museum and Library Services, General Operating Support
- 2001** Kansas Arts Commission, support for the Annual Lawrence Indian Arts Show
- 1999** National Science Foundation, AMS Dating and Agricultural Development in the North American Central Plains
- 1999** National Park Service, NAGPRA Grant to Museums
- 1998** Institute for Museum Services, Conservation Assessment Program
- 1996 - 1998** National Science Foundation, Support for Systematic Collections, Kansas City Hopewell and Middle Woodland Collections
- 1996 - 2007** Curation Agreement, U.S. Army Corps of Engineers, Kansas City District.
- 1996** Kansas City District, US Corps of Engineers, Collection Inventory of Clinton Lake Archaeological Materials
- 1995** American Philosophical Society: Great Bend Archaeobotanical Collections
- 1994** National Science Foundation. Radiocarbon Dating of Middle Woodland Maize
- 1992** National Science Foundation, Support for Systematic Collections, Photographic Collections
- 1992** Kansas City, Missouri, Department of Planning and Development. Catalog of the Town of Kansas collections.
- 1992** US Army Corps of Engineers, Kansas City District, Inventory of Collections.
- 1991** Kansas City, Missouri, Department of Planning and Development for Preliminary Investigations of the Town of Kansas.
- 1991** Bureau of Reclamation, Kansas-Nebraska Office. Analysis of Marobotanical Remains from the Medicine Creek Reservoir, Nebraska,

CONFERENCES, SYMPOSIA, and WORKSHOPS

- 2016** Symposium Co-Chair and Organizer, Session Title: A Reappraisal of Plains Woodland: Current Research and Future Directions for the 74th Annual Plains Anthropological Conference, Lincoln
- 2009** Archaeology Curation Workshop, April 2009, Organized and presented with Fiona Price and Amber Schrag in support of Professional Archaeologists of Kansas, with assistance from the Kansas Museums Association.

- 2008** Conference Chair, 30th Annual Flint Hills Conference, University of Kansas
- 2006** Conference Co-Chair with Robert Hoard and Margaret Wood, Plains Anthropological Society Annual conference, November 8-11, 2006, Capitol Plaza Hotel, Topeka
- 2005** Pesticides and Museum Collections: Guidelines for Detection and Safe Handling. Workshop organized by the Wisconsin Historical Museum and National Park Service NAGPRA documentation grant, Madison
- 2002** "NAGPRA: Understanding the Process" Workshop, May 21-22, 2002, University of Kansas
- 1999** Conference Chair, 21st Annual Flint Hills Conference, University of Kansas, Lawrence.
- 1999** Presentation at the 3rd Annual Archaeology for Native American Educators Workshop, co-sponsored by the Society for American Archaeology and Haskell Indian Nations University
- 1998** NAGPRA's Evolving Legacy, Santa Fe, New Mexico. Sponsored by the National Park Service and the University of Nevada, Heritage Resources Management Program.
- 1997-1999** Care for Archaeological Collections. Presentation on the care of archaeological collections for the Collections Care and Maintenance Training Program, Heritage League of Greater Kansas City, MO
- 1994** Workshop Organized and Presented with Bobbi Rahder, Photographic Preservation. Sponsored by the Museum of Anthropology, University of Kansas,
- 1993** Symposium Chaired and Co-organized with Fred Schneider for the 58th Annual meeting of the Society for American Archaeology, Title: Seeds to Gardens: Topics in Plains Ethnobotany
- 1993** Symposium Chaired and Organized for the 1993 Annual meeting of the Society for Historical Archaeology. Symposium title: "The Town of Kansas".
- 1991** Conference Co-chair with William B. Lees, 49th Plains Anthropological Society Conference, Lawrence.
- 1991** Workshop Organized and Co-directed with Jessica Johnson: Preventive Conservation of Archaeological Collections. Sponsored by the Museum of Anthropology, University of Kansas.

PUBLICATIONS and REPORTS

- In Preparation** Steven Keehner and Mary Adair, A Ceramic Typology for Kansas City Hopewell and New Chronological Data: Implications for Origins, Regional Distinctions and Interactions.
- In Press** Mary Adair and Jack Hofman. Pawnee Archaeology: Changing Perspectives, Chapter 2 *In People in a Sea of Grass: Archaeology's Changing Perspective on Indigenous Plains Communities*, edited by Lauren Ritterbush and Matt E. Hill. University of Utah Press.
- 2016** with Jack L. Hofman Obituary of Donna C. Roper. *Plains Anthropologist* 61(239):282-290.

- 2012** Adair, Mary J. Refining Plains Woodland Chronology. *Plains Anthropologist* 57(223):183–228
- 2012** Roper, Donna C and Mary J. Adair. Additional AMS Radiocarbon Age Determinations for the Central Plains Tradition. *Plains Anthropologist* 57(221):31–38
- 2012** Roper, Donna C. and Mary J. Adair. Interpreting AMS Radiocarbon Age Determinations from Selected Central Plains Tradition Sites. *Plains Anthropologist* 56(217): 3-22.
- 2010** with Richard R. Drass. Patterns of Plant Use in the Prehistoric Central and Southern Plains. Edited by Bruce D. Smith, Chapter 12 in *Subsistence Economies of Indigenous North American Societies*: pp. 307 – 352. Rowman Littlefield, Lanham Maryland.
- 2009** A Return to Pawnee Archaeology: Investigations of the Kitkahahki Occupation at the Kansas Monument Site, 14RP1. Draft Report submitted to the Kansas State Historic Society.
- 2009** Letts, Cali, Mary J. Adair, Virginia A. Wulfkuhle and Robert Hoard. The Archaeology of Early Agriculture in Kansas: A Fifth Grade Integrated Reading Unit. Archeology Popular Report No. 5. Archeology Office, Kansas State Historical Society, Topeka.
- 2009** Changing Economies: Archaeobotanical Data from Site 14RC410. In *Archaeological Investigations on a Portion of 14RC410, Rice County, Kansas: The Little River Archaeology Project*, edited by Donna C. Roper. Report submitted to the City of Little River, Kansas.
- 2009** with Cindy Peterson, Melody Pope, Michael Perry, John Hedden and James Theler (University of Iowa). Archaeological Resources of the Central Plains Tradition in the Loess Hills Region of Iowa. National Register of Historic Places, Multiple Property Nomination.
- 2009** Book Review *Plains Apache Ethnobotany* by Julia A. Jordan, University of Oklahoma Press. *Plains Anthropologist* 54(210):170-172.
- 2008** with Donna C. Roper and Jack L. Hofman. Kitkahahki Archaeology: A Return to the Pawnee Indian Village Site. *Kansas Preservation* 30(5): 13-17. Newsletter of the Cultural Resources Division, Kansas Historical Society, Topeka.
- 2008** Archaeobotanical Analysis, In *The Archeology of Plattford, Sarpy County, Nebraska*, by Peter Bleed, Amy Koch and John Swigert, Appendix A. Report prepared for the Nebraska Department of Roads, Lincoln.
- 2007** with L. Mark Raab (University of Missouri-Kansas City). Cooperative Agreement for Archaeological Studies and Public Interpretation in Platte County Parks. Document prepared for Platte County, Missouri Parks and Recreation Department.
- 2007** Variability in Maize Morphology: Examples from five Central Plains Maize Collections. *Current Archaeology in Kansas*, No. 7, Publication of the Professional Archaeologists of Kansas.
- 2007** with Donna C. Roper and Jack L. Hofman. Kitkahahki Archaeology: Investigations at the Pawnee Indian Village, 14RP1. *Current Archaeology in Kansas*, No. 7, Publication of the Professional Archaeologists of Kansas.

- 2006** Plains Plants. In *Environment, Origins, and Population*, Volume of the *Handbook of North American Indians*. Smithsonian Institution Press, Washington DC.
- 2006** Paleoethnobotanical Research in Kansas. In *Kansas Archeology, 10,000 B.C. to the mid-1800s*, edited by Robert J. Hoard and William E. Banks. Pp 248-264. University Press of Kansas, Lawrence.
- 2004** Book Review. *Curating Archaeological Collections: From the Field to the Repository*, by Lynne S. Sullivan and S. Terry Childs, Altamira Press. *Collections: A Journal for Museum and Archives Professionals* 1(2):204-207, Altamira Press.
- 2004** Archaeobotanical Remains from 14CO1310. Report prepared for Louis Berger Group, Marion, Iowa.
- 2003** Great Plains Paleoethnobotany. In *People and Plants in Ancient North America*, edited by Paul Minnis pp. 258-346. Smithsonian Institution Press, Washington, D.C.
- 2003** Great Bend Archaeobotanical Remains. *Current Archaeology in Kansas*, No. 3, Publication of the Professional Archaeologists of Kansas.
- 2002** Archaeobotanical Remains. In *Archeology of the Beaver Creek Site, Boone County, Nebraska*, by Amy Koch, pp: 43-46. Nebraska State Historical Society, Highway Archeology Program, Lincoln.
- 2001** Archaeobotanical Remains. In *Historical Archaeology at Locality 6 of the Fort Ellsworth Site (14EW26), Kanopolis Lake, Ellsworth County, Kansas*, edited by Robert J. Ziegler, pp. 252-260. Report prepared for the US Army Corps of Engineers, Kansas City District, Kansas City, Missouri.
- 2001** Defining Central Plains Agriculture: The Arrival of the Common Bean (*Phaseolus vulgaris*). *Current Archaeology in Kansas*, No. 2, Publication of the Professional Archaeologists of Kansas.
- 2000** Town of Kansas Master Plan. Prepared for the City of Kansas City, Missouri, City Planning and Development Department. ICON Architecture, in association with Rare Media, Well Done; the Zimmer companies, Taliaferro and Browne.
- 2000** Tobacco on the Plains: Historical Use, Ethnographic Accounts and Archaeological Evidence. In *Tobacco Use by Native North Americans: Sacred Smoke and Silent Killer* edited by Joseph C. Winter, pp: 171-184. University of Oklahoma Press, Norman.
- 2000** Paleoethnobotanical Research in the Central Plains. *Current Archaeology in Kansas* 1:3-6
- 2000** Archaeobotanical Analysis, 25BO23. Report prepared for the Nebraska State Historical Society, Lincoln.
- 1999** Botanical Remains. In *Archeology of the Patterson Site: Native American Life in the Lower Platte Valley, A.D. 1000-1300*, compiled and edited by John R. Bozell and John Ludwickson, pp.85-100. Nebraska State Historical Society for the Nebraska Department of Roads. Lincoln.
- 1999** Botanical Remains. In *Archeology of the Patterson Site; Three Centuries of Pre-Contact Native American Life in the Lower Platte Valley*, edited by John R. Bozell and John Ludwickson, pp: 85-100. Report prepared for the Department of Roads by the Nebraska State Historical Society, Lincoln.

- 1999** with John R. Bozell, John Ludwickson and Amy Koch. Perspectives on the Late Prehistory of the South Bend Locality. In *Archaeology of the Patterson Site; Three Centuries of Pre-Contact Native American Life in the Lower Platte Valley*, edited by John R. Bozell and John Ludwickson. Report prepared for the Dept of Roads by the Nebraska State Historical Society, Lincoln.
- 1998** Archaeobotanical Remains from Haley's Point, 34MA15. MS submitted to the Department of Anthropology, Wichita State University, Wichita
- 1998** Macrobotanical Remains. In *Prehistoric Settlement of the Lower Missouri Uplands: The View from the DB Ridge, Fort Leavenworth, Kansas*, edited by Brad Logan, pp. 248-253. Report submitted to Fort Leavenworth and the Kansas City District, U.S. Army Corps of Engineers from Burns and McDonnell Engineers and the University of Kansas, Museum of Anthropology, Project Report Series, No. 98.
- 1996** Woodland Complexes in the Central Great Plains. In *Archeology and Paleoecology of the Central Great Plains: A Volume in the Central and Northern Plains Archeological Overview*, edited by Jack L. Hofman, pp. 101-122. Arkansas Archeological Survey Research Series No. 48. Fayetteville, Arkansas. US Department of Defense, Legacy Resource Management Program and US Army Corps of Engineers.
- 1996** Archaeobotanical Remains from 39FA23. In *A Late Prehistoric Period Pronghorn Hunting Camp in the Southern Black Hills, South Dakota*, by Kerry Lippincott. pp:86-94. Special Publication of the South Dakota Archaeological Society, Number 11. Published in Cooperation with the Bureau of Reclamation, Dakotas Area Office.
- 1995** NAGPRA Inventory of Human Remains and Associated Funerary Objects and Summary of Unassociated Funerary Objects, Sacred Objects and Objects of Cultural Patrimony from the Archaeological Collections, Museum of Anthropology, University of Kansas. Submitted to the National Park Service in compliance with Public Law 106-101.
- 1994** Archaeobotanical Remains from the Patterson and Little Pawnee Creek sites. Appendix A in *Nebraska Phase Archeology in the South Bend Locality*, pp 177-192. Nebraska State Historical Society, Nebraska Highway Archeology Program for the Nebraska Department of Roads, Lincoln.
- 1994** Corn and Culture History in the Central Plains. In *Corn and Culture in the Prehistoric New World*, edited by S. Johannason and C. Hastorf pp. 315-334. Westview Press, Boulder.
- 1993** Paleoethnobotanical Remains from the Quarry Creek site. In *Quarry Creek: Excavation, Analysis and Prospect of a Kansas City Hopewell site, Fort Leavenworth, Kansas*, edited by Brad Logan, pp.170-175. University of Kansas, Museum of Anthropology, Project Report Series, No. 80, Lawrence
- 1992** (with John G. Hedden) *The Town of Kansas: Preliminary Archival and Archaeological Investigations*. University of Kansas, Museum of Anthropology, Project Report Series, No. 76, Lawrence. Report prepared for Kansas City Planning and Development, Kansas City, Missouri.
- 1991** Macrobotanical Remains from the Avoca site (14JN332): The Role of Agriculture during the Early Ceramic Period. Chapter 5 In *The Avoca Site (14JN332)*,

- Excavation of a Grasshopper Falls Phase Structure, Jackson County, Kansas by Timothy G. Baugh, pp. 85-94. *Kansas State Historical Society, Contract Archeology Series Publications No. 8*, Topeka.
- 1990** Contributor. *Archaeological Investigations in the Perry Lake Project Area, Northeastern Kansas, National Register Evaluation of 17 Sites*, edited by Brad Logan. Report prepared by Kaw Valley Engineering and Development, Inc. for the U.S. Army Corps of Engineers, Kansas City District
- 1990** Macrobotanical Remains from the Stigenwalt Site. Appendix III, In *The Archeology of the Stigenwalt Site, 14LT351*. by Randall M. Thies, pp. 157-159. *Kansas State Historical Society, Contract Archeology Series, No. 7*, Topeka.
- 1989** Editor and Contributor, *Archaeological Investigations at the North Cove Site, Harlan County Lake, Harlan County, Nebraska: An Interdisciplinary Approach*. Report prepared by Kaw Valley Engineering and Development, Inc, Junction City, Kansas for the U.S. Army Corps of Engineers, Kansas City District.
- 1989** Macrofloral Remains. In *Archaeological Investigations in the Perry Lake Project Area, Northeastern Kansas: National Register Evaluation of 17 sites*, edited by Brad Logan, pp: 238-239. Report submitted to U.S. Army Corps of Engineers, Kansas City District.
- 1989** Floral Remains. In *1986 Archaeological Investigations at 14MN328, a Great Bend Aspect Site along U.S. Highway 56, Marion County, Kansas*, compiled by William B. Lees, pp: 90-103. MS, Archeology Department, Kansas State Historical Society, Topeka.
- 1988** *Prehistoric Agriculture in the Central Plains*. University of Kansas, Publications in Anthropology, No.16, Lawrence.
- 1987** Contributor. *Archaeological Investigations in the Clinton Lake Project Area, Northeastern Kansas, National Register Evaluation of 27 Prehistoric Sites*, edited by Brad Logan. Report prepared for Kaw Valley Engineering and Development, Inc. for the U.S. Army Corps of Engineers, Kansas City District.
- 1987** Contributor and Editor (with Kenneth L. Brown) *Prehistoric and Historic Cultural Resources of Selected Sites at Harlan County Lake, Harlan County, Nebraska: Test Excavations and Determinations of Significance for 28 Sites*. Report Submitted by Kaw Valley Engineering to the U.S. Army Corps of Engineers, Kansas City District.
- 1987** Macrofloral Analysis of Flotation Samples from a Crematorium at the Richland Site. In *Archaeological Investigations in the Clinton Lake project Area, Northeastern Kansas: National Register Evaluation of 27 Prehistoric Sites*, edited by B. Logan, pp: 233-234. Report submitted to U.S. Army Corps of Engineers, Kansas City District.
- 1984** Plant Remains from Drumming Sauna (34WN29). In *Hunters of the Forest Edge: Culture, Time, and Process in the Little Chaney Basin (1980, 1981, and 1982 Field Seasons)*, by K.C. Reid and J.A. Artz, pp: 207-217. University of Tulsa Laboratory of Archaeology, Contributions in Archaeology 14. Oklahoma Archeological Survey, Studies in Oklahoma's Past, Number 13, Norman.
- 1984** (with Rolfe Mandel, Pierre Clement and Alan Simmons) *Cultural Resources and Urban Development: The Kansas City – Topeka Corridor Project*. Project Report Series No. 55, Museum of Anthropology, University of Kansas, Lawrence.

- 1982** Spatial Patterning at the Two Deer site (14BU55): A Preliminary Report. In *Archaeological Investigations at El Dorado Lake, Butler County, Kansas (Phase III)*, assembled by Paul E. Brockington, pp. 305-354. Project Report Series No. 51, Museum of Anthropology, University of Kansas, Lawrence. Report prepared for the U.S. Army Corps of Engineers, Tulsa District.
- 1981** with Marie E. Brown. The Two Deer site (14BU55): A Plains Woodland-Plains Village Transition. In *Prehistory and History of the El Dorado Lake Area, Kansas (Phase II)*, edited by Mary J. Adair, pp. 237-356. Project Report Series No. 47, Museum of Anthropology, University of Kansas, Lawrence.
- 1981** Editor, *Prehistory and History of the El Dorado Lake Area, Kansas (Phase II)*, Project Report Series No. 47, Museum of Anthropology, University of Kansas, Lawrence.
- 1980** Analysis of Carbonized Floral Remains. Appendix B, In *Archaeological Investigations in the Proposed Blue Springs Lake Area, Jackson County, Missouri: The Early Woodland Period* by Christopher A. Wright. Report submitted to Burns and McDonnell Engineers, Kansas City.
- 1977** *Subsistence Exploitation at the Young Site: A Predictive Model for Kansas City Hopewell*. M.A.Thesis, Department of Anthropology, University of Kansas, Lawrence.

PAPERS PRESENTED

- 2016a** Cultural Dynamics on the Eastern Central Plains: The Early/Middle Woodland period. Paper presented at the 74th Annual Plains Anthropological Conference, Lincoln
- 2016b** Steven Keehner and Mary Adair. A Ceramic Typology for Kansas City Hopewell and New Chronological Data: Implications for Origins and Regional Distinctions. Paper presented at the 74th Annual Plains Anthropological Conference, Lincoln
- 2015** New Interpretations from Old Collections: Glenwood Area Archaeobotanical Remains from 13ML129. Paper presented at the 73rd Annual Plains Anthropological Conference, Iowa City.
- 2014c** Sweet Beginnings or Agricultural Diversification? Early Maize in the central Plains. Paper presented at the 72nd Annual Plains Anthropological Conference, Fayetteville, AK
- 2014b** Middle Woodland Trade in the Eastern Central Plains: Implications for Social Interactions on a Broader Scale. Paper presented at the 72nd Annual Plains Anthropological Conference, Fayetteville, AK
- 2014a** Dating the Arrival of the Common Bean (*Phaseolus vulgaris* L.) in the North American Central Plains. Presentation at the 79th Annual Meeting of the Society for American Archaeology, Austin, Texas.
- 2013** with Brendon Asher, Alison Hadley, and Jack Hofman. Pawnee Archaeology: Recent Investigations of the late Eighteenth Century Kansas Monument Site, 14RP1. Paper presented at the 71th annual Plains Anthropological Society Conference, Loveland
- 2013** Farming on the High Plains: A Model for the Dismal River Aspect. Paper presented at the 71th annual Plains Anthropological Society Conference, Loveland

- 2013** The Temporal Range of Mound Burials in the Lower Republican River Valley: The Schultz Phase. Paper presented at the 35rd Annual Flint Hills Conference, Manhattan
- 2012** with Neil Duncan, Robert Lusteck, Mary Malainey and Linda Perry. Paleodietary Implications from Starch, Lipid, and Phytolith Analysis: A Case from the Kansas City Hopewell. Paper presented at the 70th Annual Plains Anthropological Society Conference, Saskatoon
- 2011** Recent Investigations on the Early Woodland in the Lower Missouri Valley. Paper presented at the 33rd Annual Flint Hills Conference, Wichita
- 2010** with Jack Hofman and Donna Roper. Pawnee Life and Technology in the late 1700s: A Perspective from the Kansas Monument Site, 14RP1. Presented at the Annual Society for American Archaeology, St. Louis, MO
- 2010** The Adoption of Old World Crops in the Historic Central Plains: An Evaluation of Economic Change. Presented at the 68th Annual Plains Anthropological Society Conference
- 2009** After Fieldwork: An overview of Current Research on the Pawnee Indian Village, 14RP1. Paper presented at the 31st Annual Flint Hills Conference, Topeka, Kansas
- 2008** Waldo Wedel and Pawnee Archaeology. Invited paper presented for the Symposium *Examining Waldo Wedel's Legacy to Central Plains Archaeology*, Donna C. Roper, chair. Presented at the 66th Annual Plains Anthropological Society Conference, Laramie, Wyoming.
- 2007** with Marvin Kay. North American Eastern Prairie Adaptation: The Middle to Late Holocene Record. Invited paper for symposium *Mesolithic meets Archaic: Hunter-Gathered Research across the Atlantic Divide*, organized by Ivana Radovanovic. Paper presented at the 72nd Annual Society for American Archaeology Conference, Austin, Texas.
- 2007** Archaeological Curation. Paper presented at the Kansas Museum Association Conference, Emporia.
- 2006** When Corn Becomes King: Central Plains Agricultural Developments A.D. 1200-1600. Paper presented at the 64th Annual Plains Anthropological Society Conference, Topeka, Kansas
- 2004** Maize from the Central Great Plains: Introduction and Morphological Variability. Invited paper for the symposium *The Stories of Maize II: North America North of Mexico*, organized by. Paper presented at the 69th Annual Society for American Archaeology Conference, Montreal, Canada.
- 2003** Becoming Farmers: Crops of the Nebraska Phase. Paper presented at the 61st Annual Plains Anthropological Conference, Fayetteville, Arkansas.
- 2002** A 20 Year Perspective on Plains Paleoethnobotany. Paper presented at the 24th Annual Flint Hills Conference, Kansas State University, Manhattan
- 2001** One Kansas Farmer: Paleoethnobotanical Research in Kansas. Invited paper presented for the symposium, *The Current State of Kansas Archaeology*, Robert Hoard and Will Banks, chairs. Presented at the 61st Annual Plains Anthropological Society Conference, Lincoln, Nebraska.
- 2001** with Jeannette Blackmar and John Bozell. Invited paper presented for the symposium *A Regional Perspective on the National Curation Crisis*, Eileen

- Johnson, chair. Presented at the 61st Annual Plains Anthropological Society Conference, Lincoln, Nebraska.
- 2000** Woodland Period Farming in the Central Plains: Archaeobotanical Data and AMS Dates. Invited paper for the symposium *Prehistory of the Lower Missouri Valley: Papers in Honor of Alfred E. Johnson*. Brad Logan, chair. Presented at the Joint Midwest/Plains Anthropological Society Conference, St. Paul, Minnesota.
- 2000** The Town of Kansas. Presentation for the Oregon-California Trails Association, Independence, Missouri.
- 1998** Great Bend Paleoethnobotany, A.D. 1500-1750. Paper presented at the 56th Annual Plains Anthropological Society Conference, Bismarck, North Dakota .
- 1998** Three Images of Nebraska Phase Subsistence: Archaeobotanical Data from the Patterson site (25SY31). Paper presented at the Annual Flint Hills Conference. Anadarko, Oklahoma.
- 1997** Plant Use at Fort Ellsworth: Multiple Lines of Evidence. Paper presented at the 55th Annual Plains Anthropological Society Conference, Boulder, Colorado.
- 1996** Botanical Remains from El Cuartelejo, 14SC1. Invited paper presented for the symposium *The Pueblo on the Plains: Continuing Archaeological Research into the Protohistoric Scott County Pueblo in Western Kansas*. Presented at the 54th Annual Plains Anthropological Society Conference, Iowa City.
- 1996** Why Partnerships are Needed between Museums and Federal Agencies. Invited paper presented for the symposium *Archaeological Collections: Problems, Issues and Possibilities*, sponsored by The Council for Museum Anthropology. Presented at the 54th Annual Plains Anthropological Society Conference, Iowa City, Iowa.
- 1996** Ethnobotany of the Protohistoric and Historic Wichita: Two Approaches. Paper presented at the 18th Annual Flint Hills Conference, St. Joseph Museum and Pony Express National Memorial, St. Joseph, Missouri.
- 1996** The Good, Bad, and Ugly: AMS Dates on Kansas City Hopewell Maize. Paper presented at the 18th Annual Flint Hills Conference, St. Joseph Museum and Pony Express National Memorial, St. Joseph, Missouri.
- 1993** Museums, Archaeology and the Future, Invited paper for the symposium *Museum Archaeology in the 90s*, Joseph Tiffany, chair. Presented at the 51st Annual Plains Anthropological Society Conference, Saskatoon, Saskatchewan.
- 1993** with Jack Hofman. Archaeological Overview of the Central Plains: An Interdisciplinary Approach. Invited paper for the symposium *The Central and Northern Great Plains Overview: An Archaeological Legacy*, Charles Ewen, chair. Presented at the 51st Annual Plains Anthropological Society Conference, Saskatoon, Saskatchewan.
- 1993** Premaize Gardening in the Central Plains. Paper presented for the symposium *Topics in Plains Ethnobotany*, **Mary Adair**, organizer and chair. Presented at the 58th Annual Meeting of the Society for American Archaeology, St. Louis, Missouri.
- 1993** The Town of Kansas: Development of an Urban Archaeology Project with Kansas City, Missouri. Paper presented in the symposium *The Town of Kansas*, organized and chaired by **Mary Adair** for the 26th Annual Society for Historical Archaeology, Kansas City, Missouri.

- 1992** J. Mett Shippee: Seventy Years of Contributions in Archaeological Fieldwork, Research and Dedication. Invited paper for the symposium *Honoring the Contributions of Amateur Anthropologists to Plains Archaeology*, Lauren Ritterbush, chair. Paper presented at the 50th Annual Plains Anthropological Society Conference, Lincoln, Nebraska.
- 1992** Plant Remains from El Quartejejo: Subsistence Change or Continuity during the Protohistoric Period. Invited paper for the symposium *People with History: Plains Cultural and Social Dynamics during the Protohistoric Period*, Timothy Baugh, chair. Presented at the 50th Annual Plains Anthropological Society Conference, Lincoln, Nebraska
- 1992** Prehistoric Agriculture in the Central Plains: Current Research and Future Directions. Paper presented at the 15th Annual Conference of the Society for Ethnobiology, Washington D.C.
- 1991** Tobacco on the Plains: Historical Use, Ethnographic Accounts and Archaeological Evidence. Invited paper for the symposium *The Native American Tobacco Complex: Origins, Development and Analysis*, Joseph C. Winter and Karen Adams, chairs. Presented at the Society for American Archaeology Conference, New Orleans
- 1991** with Rose Estep. The Archaeobotanical Record from Kansas River Basin Sites. Invited presentation for the symposium *Kansas River Valley*, Robert Blasing, chair. Presented at the 49th Annual Plains Anthropological Conference, Lawrence, Kansas.
- 1990** Corn and Culture History in the Central Plains. Paper presented at the Corn and Culture in the Prehistoric New World conference and workshop, University of Minnesota, Minneapolis
- 1990** *Iva annua* as a Prehistoric Cultigen in the Central Plains: A Regional Synthesis. Paper presented as part of the symposium *Paleoethnobotanical Research on the Great Plains*, **Mary Adair**, organizer and chair. Presented at the 48th Plains Anthropological Society Conference, Oklahoma City.
- 1990** Late Woodland Agriculture in the Central Plains: The Grasshopper Falls phase. Paper presented at the 12th Annual Flint Hills Conference
- 1989** Great Bend Agriculture: Archaeobotanical Remains from 14MN328. Paper presented at the 11th Annual Flint Hills Conference
- 1990** Maize from the Central Plains. Paper presented at the Corn and Culture in the Prehistoric New World Conference, organized by Sissel Johannessen and Christine Hastorf, University of Minnesota, Minneapolis
- 1988** The Evolution of the Prairie: Recent Data from Harlan County, Nebraska. Paper presented at the 11th Annual North American Prairie Conference Lincoln,
- 1984** Botanical Evidence for the Development of Agriculture in the Central Plains. Paper presented at the 49th Annual Society for American Archaeology Conference, Portland.
- 1984** A Quantification of Macrobotanical Remains from Middle Ceramic Sites: New Data from the Witt Site (14GE600). Paper presented at the 42nd Plains Anthropological Society Conference, Lincoln, Nebraska.

- 1978** A Preliminary Report on the Excavations at 14BU55: A Late Woodland Village Site in South-central Kansas. Paper presented at the Annual Plains Anthropological Society Conference, Denver, Colorado.
- 1976** The Use of Cementum Annuli Count on *Odocoileus* sp. from the Young site, Northwestern Missouri. Paper presented at the Annual Plains Anthropological Society Conference, Minneapolis, MN

INVITED PRESENTATIONS

- 2009** Archaeobotanical Data and Glenwood phase Farming. Presentation to Golden Hills Resource Conservation and Development, the Loess Hills National Scenic Byway, and the Office of the State Archaeologists, University of Iowa.
- 2008** Farming on the High Plains: An Interpretation of Data. Keynote speaker for the Panhandle Plains Annual Meeting
- 2001** Panel Discussant and Lecturer: Prairie Plants: Their History and Future as Food and Medicine. Center for Prairie Studies, Grinnell College, Grinnell, Iowa.
- 2000** The Town of Kansas Archaeological Workshop, An event sponsored by the Oregon-California Trails Association National Convention, Kansas City, Mo.
- 2003** Panel Discussant for the Invited Session: Reflections on 25 Years of Flint Hills Conferences. Kansas State Historical Society, Topeka, Kansas.
- 1999** Presenter in the 3rd Annual Archaeology for Native American Educators Workshop, co-sponsored by the Society for American Archaeology, Bureau of Land Management and Haskell Indian Nations University
- 1996-1998** Collection Care and Management Training Program: Heritage League of Greater Kansas City, Missouri.
- 1996** "Can You Dig It?" Presentation prepared for A Conference for Young Women, Wyandotte Comprehensive, Special Education Cooperative, Kansas City, Kansas.
- 1994** Frontier Lifeline: The Town of Kansas. Prepared for The Missouri Valley & Emigrant Trails Association, Trails Head Chapter of Oregon California Trails Association and Western Historical Manuscripts, Kansas City, Missouri.
- 1993** The Town of Kansas: Our Buried History. Prepared for the Samuel Williston Research Club, University of Kansas.
- 1993** The Emergence of Agriculture in the Central Plains: Archaeobotanical and Isotopic Evidence. Prepared for faculty and students of the Biology Department, Augustana College, Sioux Falls, South Dakota.
- 1992** Current Research in Plains Paleoethnobotany. Prepared for the 2nd Paleoethnobotanical Workshop, sponsored by the University of Missouri-Columbia and the Missouri Anthropological Society, Lyman Research Center.
- 1992** The Town of Kansas as Revealed through Archaeology and Archives. Prepared for the Jackson County Historical Society, Arthur Mag Lecture Series, Kansas City, Missouri.
- 1992** Current Directions in Plains Paleoethnobotanical Research. Informal presentation prepared for the 1st Annual Southwestern/ Plains Paleoethnobotany Workshop, Albuquerque, New Mexico.
- 1992** Preliminary inventory of archaeobotanical remains from Great Bend sites (ca. A.D.1450-1700) curated at the National Museum of Natural History, Smithsonian Institution, Washington D.C.

- 1992** Collection Management at the Museum of Anthropology, University of Kansas. Informal presentation prepared for the Collection Management and Curation Workshop, sponsored by the University of Missouri-Columbia.
- 1991** Native American Seed Gardening and Plains Ethnobotany. Presentation and Workshop prepared for Kansas City Parks and Recreation Department, Line Creek Museum, Kansas City, Missouri.
- 1991** Central Plains Paleoethnobotany. Prepared for the 1st Paleoethnobotanical Workshop, sponsored by the University of Missouri, Columbia and the Missouri Anthropological Society, Lyman Research Center.
- 1991** Great Bend Agriculture: New Data and Future Research. Prepared for the Rice County Historical Society, Lyons, Kansas.
- 1991** People, Plants, and Crops of Kansas. Prepared for the Kansas Museum of History Docent Training Manual and preparation for their Tour "Food on the Move".
- 1991** Prehistoric Crops of the Central Plains. Prepared for the Kansas Scholar Lecture Series, Kansas State Historical Society, Topeka.
- 1990** Paleoethnobotany: Techniques and Rewards. Prepared for the Kansas Anthropological Association Annual Meeting, Manhattan, Kansas.

GRADUATE AND UNDERGRADUATE STUDIES

University of Kansas

Anth 896 Independent Reading and Research

- 2009 Andrew Gottsfield
- 2011 Kristina Davis
Brendon Asher
- 2012 Juli Tarabek
Brendon Asher
- 2013 Greg Kauffman
- 2016 Zach Day

Anth 996 Dissertation Research

- 2010 Alison Hadley
- 2008 Emily Williams
- 2007 Ann Raab

Anth 522 Paleoethnobotany

- 1996 Undergraduate and Graduate student course, 20 students

Anthropology 799 *Museum Studies Internships*

- 2010** Sara Colwell, curation upgrade of archaeological bone; emphasis on the faunal remains collected from the Talking Crow site, 39BF3
- 2010** Nei-chieh Yeh, creation of an electronic accession database by pulling disparate records, ranging from the early 1900s to current time, into one organized source
- 2009** Sarah Sparks, catalog and archive of photographs associated with the Melvern Lake project.

- 2007** John Miller, organization of the Carlyle S. Smith documents and photographs. Creation of finding aids for the Carlyle Smith collection (<http://www.arc.ku.edu/~arc/collections/guide.shtml>)
- 2006** Bertram Lyons, organization of the Carlyle S. Smith documents and photographs
- 2004** Martina Smith, inventory of the George Reed collection of Northwest Coast artifacts.
- 2003** Diana Zlatanovski, organization of the Anta Monet White documents and photographs
- 1998** Shelley Berger, catalog of Alberry collection of pre-Columbian artifacts
- 1996** Teresa Weaver and Jeannette Blackmar for project with Principals of Conservation class
- 1995** Leslie Bush, inventory of donated archaeological collections
- 1992** Rose Estep, inventory of the R.B. Aker donation of archaeological materials from the greater Kansas City region.

Emporia State University

- 1990 & 2008** Paleoethnobotany. Class prepared for the Kansas Anthropological Training Program, in conjunction with excavations at a late prehistoric site in northwestern Kansas (1990) and the historic Pawnee site at 14RP1 in 2008. Credit was available through Emporia State University.

Baker University MLA Program

- 1986-1990** Southwestern Prehistory
Human Evolution
Prehistory of the Kansas City Area

University of Missouri Kansas City

- 1986-1989** Introduction to Physical Anthropology
North American Indians
Prehistory of the Kansas City Area

Undergraduate Research Awards: Faculty Advisor, University of Kansas

- 2006** Gianna Short, *Analysis of fruit seeds, Vitis sp. and Prunus sp. from Lower Walnut Great Bend sites.*
- 2006** Honey Hooper, *Organization and Relation of Research from Easter Island, Chile*

Research/Museum Internships, University of Kansas

- 2009** Ashly Basgall, 2L, School of Law, Background work for the preparation of a NAGPRA documentation grant
- 2009** Abbi Huderle, History major, University of Kansas. Research and Conservation of the Town of Kansas Glass bottle collection
- 2007** Cara Orban and Christopher Bridson, Emporia State University, Library Science General Practicum in cooperation with the Digital Initiatives Program, University of Kansas. Creation of the Finding Aid and Collection Highlights for the R.B. Aker collection. (<http://www.arc.ku.edu/~arc/exhibits/Aker/index.html>)

- 2006** Kate Rogge, Emporia State University. Library Science General Practicum in cooperation with the Digital Initiatives Program, University of Kansas. Creation of the online Finding Aid and Collection Highlights for the Floyd and Adah Jane Schultz collection
(<http://www.arc.ku.edu/~arc/exhibits/Floyd%20Schultz/index.html>)
- 2005** Maggie Goble, Smith College, Catalog and Photographic documentation of the Palmer collection of Africa art.

Graduate Student Committees, University of Kansas

PhD committee member

Current: Zach Day

- 2015** Hadley, Alison
Organization of Pipestone Pipe Technology at Great Bend Aspect Sites in Kansas. Department of Anthropology, University of Kansas
- 2008** Huang, Hai
A Three-Stage Model for the Domestication of *Oryza sativa* and the Emergence of Rice Agriculture in China, 12,000 – 7,000 BP. Department of Anthropology, University of Kansas.
- 2001** Holen, Steven R.
Climate Change and Human Adaptation at the Pleistocene-Holocene Boundary: Clovis Mobility and lithic Procurement on the Central Great Plains of North America. Department of Anthropology, University of Kansas.
- 1991** Loosle, Byron N.
Social Interaction Among the Late Plains Village Populations in the Central Plains. Department of Anthropology, University of Kansas.

Masters Thesis committee member

Current: Kaitlin Stanley
Barbara Crable

- 2016** Berning, Grant
- 2015** Liebl, Brecken
Improving Access at the University of Kansas Biodiversity Institute Division of Archaeology, Museum Studies Program, University of Kansas
- 2015** Keehner, Steven
Palimpsests, Activities, and Archaeological Taxonomy: Implications from Late Plains Woodland Components (AD500-1000) of the Hamon site in Northeastern Kansas. Department of Anthropology, University of Kansas
- 2014** Guarino, Michael
Can't we All Just Get Along? Weaponry Standardization and Sharing at the Agate Basin Site. Department of Anthropology, University of Kansas.
- 2013** Kauffman, Greg
Stable Isotope Analysis of a Middle Woodland Population from North Central Kansas. Department of Anthropology, University of Kansas
- 2012** Tarabek, Juli
What's the Point: A Transition from Dart to Bow in the Eastern Plains. Department of Anthropology, University of Kansas

- 2009** Asher, Brendon
Kitkehahki Chipped Stone Technologies: A Comparative Study. Department of Anthropology, University of Kansas.
- 2003** Berger, Shelly
Pots and Posts from Hallman, a Bluff Creek Phase Site in Harper County, Kansas. Department of Anthropology, University of Kansas.
- 2002** Sather, Dean T.
Lithic Technological Organization: A view From the Canning Site. Department of Anthropology, University of Kansas.
- 2001** Hatfield. Virginia
Toward Evolutionary Archaeology: Analysis of Variability in Attributes of Central Texas Projectile Point/Knives. Department of Anthropology, University of Kansas.
- 2001** Conner, Robert Mike
Stable Carbon Isotopes and the Assessment of Maize in Archaeological Diets of Kansas. Department of Anthropology, University of Kansas.
- 1997** Greatorex, Linda J.
Steed-Kisker and Nebraska Ceramics: A New Interpretation. Department of Anthropology, University of Kansas.
- 1997** Estep, Rose F.
Late Nineteenth Century Industrial Brick Manufacturing: Archaeological Investigations at 39MD348, the Piedmont Brick Plant, Meade County, South Dakota. Department of Anthropology, University of Kansas.

EXHIBITIONS

- 2015** Costa Rica, Natural History Museum, University of Kansas
- 2002** *Celebrating Anthropology*, Museum of Anthropology, University of Kansas
- 2001** *Archaeological Contributions of Anta Montet White*, Retirement event at the Museum of Anthropology, University of Kansas
- 1994** *The Town of Kansas: Lifeline to the Frontier*. Museum of Anthropology, University of Kansas
- 1992** *Town of Kansas*. Municipal Auditorium, Kansas City, Missouri.

PROFESSIONAL SERVICE

- 2016 – 2019** Board of Directors, Plains Anthropological Society
- 2015 – 2018** Editorial Board, *American Antiquity*
- 2002 – 2005** Editor, *Plains Anthropologist*,
- 1999 - 2003** Treasurer, Professional Archaeologists of Kansas (PAK),
- 2000** Consultant to ICON Architecture, Boston, Mass for the completion of the Town of Kansas, Master Plan. Prepared for the City of Kansas City, Missouri, City Planning and Development Department.
- 1998-1999** Chair, Action Committee, Professional Archaeologists of Kansas (PAK),
- 1998** Vice-Chair, Kansas State Historic Sites Board of Review
- 1996- 2001** Member, Kansas State Historic Sites Board of Review

- 1996-1998** Member, Heritage Trust Fund Review Board, State of Kansas,
1996-1999 Member, FOCUS (Forging our Comprehensive Urban Strategy),
 Preservation Plan, Kansas City, Missouri.
- 1995-1997** NSF Review Panel for Support for Systematic Collections Program
- 1997-current** Member, Deaccession Review Committee, Kansas State Historical Society
- 1992-1993** Vice-President, Board of Directors, Plains Anthropological Society
- 1990-1992** Board of Directors, Plains Anthropological Society
- 1993-1995** Vice-President, Board of Directors, Missouri Anthropological Society
- 1991-1992** Vice-President, Kansas City Archaeological Society
- 1987-1989** Vice-President, Kansas City Archaeological Society
- 1994-1996** President, Kansas City Archaeological Society
- 1988-1990** Trustee, Missouri Anthropological Society

PROFESSIONAL MEMBERSHIPS

- Society for American Archaeology, 1976 - present
- Plains Anthropological Society, 1974 - present
- Society of Ethnobiology, 1991 - 1998
- Society for Historical Archaeology 1992 - 1998
- Mid-Continental Journal of Archaeology, 1978 - present
- Missouri Anthropological Society, 1985 - 1993
- Kansas Anthropological Association, 1989 - present
- Kansas City Archaeological Society, 1985 - present
- Professional Archaeologists of Kansas, 1998- present
- Nebraska Association of Professional Archaeologists, 1988 - present

RESEARCH INTERESTS

- Great Plains prehistory
- Paleoethnobotany
- Prehistoric economic patterns
- Agricultural developments
- Culture change
- 19th century Euroamerican settlement
- Archaeological curation