

Rebecca Stuart Toupal Curriculum Vitae

Bureau of Applied Research in Anthropology
Emil Haury Building, Rm. 319A
University of Arizona
Tucson, Arizona 85721
(520) 626-9269
rtoupal@email.arizona.edu

EDUCATION:

- Ph.D., 2001 Renewable Natural Resource Studies, University of Arizona
Dissertation Title: *Landscape Perceptions and Natural Resource Management: Finding the 'Social' in the 'Sciences.'*
- MLA, 1997 Landscape Architecture, University of Arizona
Thesis Title: *The Effectiveness of Public/Private Conservation Partnerships as Measured by Common Characteristics of Success.*
- B.S., 1987 Forestry/Range Management, University of Montana

POSITIONS HELD:

- 2003-present Assistant Research Scientist
Bureau of Applied Research in Anthropology, University of Arizona
- 2001-2003 Research Specialist, Sr.
Bureau of Applied Research in Anthropology, University of Arizona
- 1998-2001 Research Associate
Bureau of Applied Research in Anthropology, University of Arizona
- 1999 Teaching Assistant
Wildlife Conservation and Society
School of Renewable Natural Resources, University of Arizona
- 1998 Teaching Assistant
Wildlife Conservation and Society
School of Renewable Natural Resources, University of Arizona
- 1998 Teaching Assistant
Computer Applications in Landscape Planning
School of Renewable Natural Resources, University of Arizona
- 1996-1997 Research Assistant
Social Sciences Institute, NRCS, University of Arizona

- 1994-1995 Soil Conservationist
USDA Soil Conservation Service, Casa Grande, Arizona

- 1993 Project Coordinator, Zuni River Watershed Project
USDA Soil Conservation Service, Gallup, New Mexico

- 1992-1993 Resource Specialist, Resource Conservation & Development
USDA Soil Conservation Service, Holbrook, Arizona

- 1991 Resource Specialist, Resource Conservation & Development
USDA Soil Conservation Service, Butte, Montana

- 1987-1988 Soil Conservationist
USDA Soil Conservation Service, Whitehall, Montana

FUNDED RESEARCH:

- 2008 Traditional Forest Maintenance in the Kawich Range of the Nevada Test and Training Range. This project will document ecological changes in response to traditional piñon pine management in central Nevada. Funded by Nellis Air Force Base and Prewitt & Assoc., Inc.

- 2007 Cultural Affiliations of the New River Gorge National River, West Virginia. This project will result in a report of tribes who are culturally affiliated with the riverway and surrounding area. Funded by the National Park Service.

- 2007 Oral Histories of the Fort Union Trading Post National Historic Site, North Dakota. This project will result in oral history accounts of the Fort Union Trading Post and surrounding area. Funded by the National Park Service.

- 2007 Ojibwa Ethnobotany Study of Indiana Dunes National Lakeshore. This project will result in an ethnobotany report for Ojibwa tribes associated with the lakeshore area. Funded by the National Park Service.

- 2007 Cultural Affiliation Study of the Tonto National Monument, AZ. This project will result in a report that will clarify relationships between present-day American Indian tribes and prehistoric peoples who inhabited Tonto Basin in central Arizona from 1150 to 1450 AD, and made historic use of the area. Funded by the National Park Service.

- 2007 Riverside Transmission Reliability Project. This project documented tribal field assessments of proposed powerline route alternatives for the City of Riverside, CA. Funded by POWER Engineers.

- 2006 Old Spanish Trail Hispanic Ethnography. This project will result in a report of impacts to Hispanic communities by travelers of the Old Spanish Trail. Funded by the National Park Service. (with R. W. Stoffle)

- 2006 Ethnohistoric and Ethnographic Assessment of the Old Spanish Trail. This project will result in a report of impacts to natural and cultural resources of Numic people by travelers of the Old Spanish Trail. Funded by the National Park Service. (with R. W. Stoffle)
- 2004 Ethnobotany Study of Indiana Dunes National Lakeshore. This project will result in a report of ethnobotanical uses by Indian and/or non-Indian people affiliated with the lakeshore area. Funded by the National Park Service. (with R. W. Stoffle)
- 2004 Cultural Affiliation Study of the Flagstaff Area National Monuments. This project will result in a report of cultural affiliation evidence found in literature sources identified in the cultural affiliation review of 2001. Funded by the National Park Service.
- 2004 Ethnographic Investigation of the Cultural Significance of the Badger-Two Medicine Area, Montana. This project will result in a report to support the expansion of the boundaries of a Traditional Cultural District. Funded by SAIC. (with M. N. Zedeño)
- 2004 Ethnographic Research on Black Mountain, Nellis Air Force Base and Range. This project will result in a report of historic uses of places important to Indian people of southern Nevada. Funded by the Nellis Air Force Base. (with M. N. Zedeño and R. W. Stoffle)
- 2004 St. Croix National Scenic Riverway Ethnographic Resource Survey. This project will result in a report of natural resources, landscapes, and places important to Ojibway and Dakota Sioux people. Funded by the National Park Service. (with M. N. Zedeño and R. W. Stoffle)
- 2004 Cultural Affiliation Study of Theodore Roosevelt National Park, Fort Union Trading Post National Historic Site, and Knife River Indian Villages National Historic Site, North Dakota. This project will result in a Cultural Affiliation Report for Management of the three parks. Funded by the National Park Service. (with M. N. Zedeño and R. W. Stoffle)
- 2003 Traditional Use Study of Saguaro Fruit Gathering at Saguaro National Park. This project resulted in a Traditional Use and Ethnohistoric Report for management of the saguaro fruit harvest. Funded by the National Park Service. (with R. W. Stoffle and N. O'Meara)
- 2003 Cultural Landscape Assessment of Spring Mountains NRA, Nevada. This project will result in a cultural landscape report. Funded by the U.S. Forest Service. (with R. W. Stoffle, F. Chmara-Huff, K. Van Vlack)

- 2003 Traditionally Associated Peoples (TAPS) Workshop. This project will result in an Ethnographic Resources Management Report. Funded by the National Park Service. (with M. N. Zedeño, M. Crespi, and M. Schoepfle)
- 2002-2003 Ethnobotany of the Sioux at Pipestone National Monument. A project to document traditional plant uses of the Dakota Sioux people at Pipestone National Monuments for management decision-making and General Management Plan development. This project will result in an affiliation report based on ethnobotany and ethnohistory research. Funded by the National Park Service. (with R. W. Stoffle, M. N. Zedeño, J. Dumbauld, and N. O'Meara)
- 2002-2003 Four Monuments Cultural Affiliation Study – Phase II. Continuation of Four Monuments Project, 2001. A project to collect additional cultural affiliation data for Sunset Crater, Walnut Canyon, and Wupatki National Monuments to aid managers' implementation of cultural resource mandates. This project will result in an affiliation report for several tribes and the three monuments. Funded by the National Park Service. (with R. W. Stoffle, J. Dumbauld, S. Kelley, N. O'Meara, F. Chmara-Huff, and C. Basaldu)
- 2001 Ethnographic Resource Inventory Database. An on-going project compile an electronic database of natural and cultural resource data in National Parks. Funded by the National Park Service. (with R. W. Stoffle and K. J. Carroll)
- 2001 Four Monuments Project: A Review of Cultural Affiliation Data for the Navajo, Sunset Crater, Walnut Canyon, and Wupatki National Monuments. This project resulted in a document assessing existing affiliation data held by the National Park Service for Navajo, Apache, Hopi, Zuni, Pai, and Paiute tribes. It also identified research needs and recommendations for future cultural affiliation related-work. Funded by the National Park Service. (with R. W. Stoffle, K. Kelley, F. Harris, T.J. Ferguson, and R. Anyon.)
- 2001 Cultural Landscapes of the Sheep and Pahrangat Mountain Ranges: An Ethnographic Assessment of American Indian Places and Resources in the Desert National Wildlife Refuge of Nevada. This project documents additional indigenous places and connections in the Pahrangat Valley and Sheep Range of south-central Nevada. It involved members of several Western Shoshone, Southern Paiute, and Mohave tribes, and built on previous work with these tribes involved sites within the Nevada Test Site. Funded by Nellis Air Force Base. (with R. W. Stoffle and M. N. Zedeño)
- 2000 Hoover Dam By-Pass Project, Phase I. This project documents portions of a cultural landscape shared by Southern Paiute, Hualapai, and Mohave

people. It resulted in the successful nomination of Sugarloaf Mountain (AZ) and Gold Strike Canyon (NV) as Traditional Cultural Properties.

- 1999-2001 Ethnographic and Ethnohistorical Study of Commercial Fishing at Isle Royale National Park, Lake Superior. This project involved an extensive archival review and field interviews to develop a historic and contemporary account of a folk fishery at Isle Royale. A trip report was submitted in July 1999. The final draft report was submitted in April 2001 and is in review. Funded by the National Park Service. (with R. W. Stoffle and M. N. Zedeño)
- 1999-2000 *Vil#Kdv#Hog#j#Mzh*, "Respect the Land." This project documents the natural and cultural resource management capability of the Tohono O'odham Nation. It has been used by the Tohono O'odham Nation in their consultations with congressmen in Washington, D.C. Funded by the Tohono O'odham Nation. (with R. W. Stoffle)
- 1998-1999 American Indian Transportation Committee Field Assessment of Cultural Sites. This project involved a review and re-write of the U.S. Department of Energy's (DOE) Pre-Approval Draft Environmental Assessment of Intermodal Transportation of Low-Level Radioactive Waste to the Nevada Test Site. A rapid cultural assessment of 25 sites and connecting corridors in Nevada, California, Utah, and Arizona was conducted to provide comprehensive data for the re-write. Funded by U.S. DOE. (with the American Indian Transportation Committee, R. W. Stoffle, and H. Ilahiane)
- 1996-1997 Socio-cultural Aspects of Natural Resource Planning. This project involved background research to develop an interagency course titled "Consultation with American Indians and Native Americans," to identify examples of ethnic impacts to natural resource planning in order to illustrate socio-cultural needs, and to identify homogeneous and heterogeneous landscapes and the influence of homogeneity/heterogeneity of the land users on the development of landscapes. Funded by the Social Sciences Institute of the USDA Natural Resources Conservation Service.

GRADUATE COMMITTEES

- 2006-present Sarah E. Rinkevich, Ph.D. Student, School of Natural Resources, UA.
Dissertation: *Assessing Population, Prey Selection Patterns, and Cultural Significance of the Mexican Gray Wolf.*

COURSES TAUGHT:

- 2004 ANTH307 Ecological Anthropology
Spring, University of Arizona, co-taught with Richard Stoffle
- 1999 WFSC225 Wildlife Conservation and Society
Fall, University of Arizona, Teaching Assistant

- 1998 WFSC125 Wildlife Conservation and Society
Fall, University of Arizona, Teaching Assistant
- 1998 LAR 402/502 Regional Landscape Planning and Design
Spring, University of Arizona, Teaching Assistant

INVITED LECTURES (University of Arizona course title; lecture title):

- 2004 ANTH307 Ecological Anthropology
Spring, University of Arizona, co-taught with Richard Stoffle
- Bali and the Green Revolution (in three parts)
 - Introduction to Marine Protected Areas
 - Scandinavian Folk Fishers: 100 years of ethics (in two parts)
 - Jamaican Rasta: 100 years of ethics
 - Summary of Traditional Systems
- 2001 ANTH 421 Ethnology of North American Indians
- Landscape Perceptions and Natural Resource Management: Finding the 'Social' in the 'Sciences'
- 2001 ANTH 307 Ecological Anthropology
- Effective Conservation: The Product of Purposeful Action or Cultural Behavior
 - Natural Resource Management at Isle Royale National Park
- 2001 LAR 621 Regional Planning and Effective Partnerships Beyond Public Land Boundaries Planning
- Conservation Partnerships: Sharing Power and Knowledge for Effective Land Management
- 2000 LAR621 Regional Planning and Effective Partnerships Beyond Public Land Boundaries Planning
- Evaluating the Success of Conservation Partnerships
 - Partnership Success in the Badger Creek Watershed
- 1999 WFSC225 Wildlife Conservation and Society
- Conservation on the Internet Lab
 - Natural Resource Management at Isle Royale National Park
- 1999 RNR200 Foundations in History and Policy of Renewable Natural Resources
- Cultural Resource Management and Policy
- 1998 WFSC125 Wildlife Conservation and Society
- Wildlife Conservation on Private Lands

1998 LAR 402/502 Regional Landscape Planning and Design
- Cultural Resource Identification and Mapping

CONSULTING:

2007 Potential of traditional ecological knowledge to species management, and government-to-government consultation strategies (tribal) with U.S. Fish and Wildlife Service, Southwest Region.

2006 Range management, ranching, alternative crops tour of southern AZ. Field tours with Mamadou Baro (BARA) and government officials from Niger.

2005 Red Crow Community College. Plant identification assistance for Blackfeet college students. Alberta, Canada

2004 Prepared Tribal Historic Preservation Office application for the Kaibab Tribe of Paiute Indians. Editor/advisor. Funded by Kaibab Tribe of Paiute Indians. Fredonia, AZ.

2003 J. Holbrook Residence Landscape Plan. Landscape Architect. Tucson, AZ.

2000 Sacred Landscapes of the Sonoran Desert in Pima County, Arizona. Author. Funded by Statistical Research Institute. Tucson, AZ.

2000 Ethnographic Sketches of the O'odham and Yaqui people of the Sonoran Desert in Pima County, Arizona. Author. Funded by Statistical Research Institute. Tucson, AZ.

2000 The Urban Indian in Pima County, Arizona. Author. Funded by Statistical Research Institute. Tucson, AZ.

2000 Traditional Cultural Properties in Pima County, Arizona. Author. Funded by Statistical Research Institute. Tucson, AZ.

1996 John and Thelma Smith Residence Landscape Plan. Landscape Architect. Tucson, AZ.

1996 Gregg and Leslie Sasse Residence Landscape Plan. Landscape Architect. Tucson, AZ.

1996 John and Judy Sutterfield Residence Landscape Plan. Landscape Architect. Tucson, AZ.

1996 Bonita Ridge Development. Environmental Monitor. Provided progress reports to Pima County Planning. Funded by R. B. Price & Co., Inc. (with Margaret Livingston, Landscape Architect Consultant, Ph.D.) Tucson, AZ.

- 1996 Preliminary Plant Inventory for Proposed Development Project. Plant Surveyor. Funded by George T. Sellers Landscape Architecture and Planning. Tucson, AZ. (with Amy Stewart)
- 1996 Pueblo Gardens Elementary School Educational Courtyard. Landscape Consultant. Tucson, AZ.
- 1995-1996 Pima County Habitat Inventory: Phase II – Urban and Suburban Land Cover Classification System. Plant Surveyor/Research Technician. Funded through University of Arizona. Tucson, AZ.

PUBLICATIONS:

A. Articles

- 2003 “Cultural Landscapes as a Methodology for Understanding Natural Resource Management Impacts in the Western United States.” *Conservation Ecology*, 7(1): 12. [online] URL: <http://www.consecol.org/vol7/iss1/art12>
- 2001 “Cultural Landscapes and Ethnographic Cartographies: Scandinavian-American and American Indian Knowledge of the Land.” *Environmental Science and Policy*, Vol. 4(4-5):171-184. (lead author with M. N. Zedeño, R. W. Stoffle, and P. Barabe.)
- 2000 “Cowboys and Conservation: The Influence of Private Landowners on the Success of Conservation Partnerships in the Western United States.” *High Plains Applied Anthropologist*, 20(1):53-66.
- 1997 *The Effectiveness of Watershed Partnerships as Measured by Common Characteristics of Success - Preliminary Report*. Fifth Annual National Watershed Conference, Proceedings, Reno, NV. Pp. 419-434.
- 1992 “Backyard Pasture Management.” *Western Horseman* 57(5):87-88.

B. Book chapters:

- 2004 “Shifting Risks: Hoover Dam Bridge Impacts on American Indian Sacred Landscapes.” *In Facility Siting: Risk, Power, and Identity in Land Use Planning*, Åsa Boholm and Ragnar Löfstedt, editors. Pp. 127-143. Part of Risk, Society, and Policy series. London, UK: Earthscan (with R. W. Stoffle (lead), M. N. Zedeño, A. Eisenberg, and K. J. Carroll).
- 2003 “Landscape, Nature, and Culture: A Diachronic Model of Human-Nature Adaptations.” *In Nature Across Cultures: Views of Nature and the Environment in Non-Western Cultures*, H. Selin, editor. Pp. 97-114. Part of Science Across Cultures series. Dordrecht, The Netherlands: Kluwer Academic Publishers B.V. (Second author with R. W. Stoffle (lead) and M. N. Zedeño).

C. Research reports:

- 2007 *Cultural Affiliations of Tonto National Monument*. Primary chapter of a report that will clarify relationships between present-day American Indian tribes and prehistoric peoples who inhabited Tonto Basin in central Arizona from 1150 to 1450 AD, and made historic use of the area. Tucson: Bureau of Applied Research in Anthropology, University of Arizona (lead with R. Diaz de Valdes)
- 2007 *Cultural Affiliation of the Flagstaff Area National Monuments: Sunset Crater Volcano, Walnut Canyon, and Wupatki*. A report for the National Park Service, Intermountain Regional Office. Tucson: Bureau of Applied Research in Anthropology, University of Arizona (lead with H. Fauland)
- 2007 *Bandelier National Monument: A Study of Natural Resource Use among Culturally Affiliated Pueblo Communities*. A report for the National Park Service, Intermountain Regional Office. (with R. W. Stoffle, N. O'Meara, M. Buttram, and J. Dumbauld)
- 2007 *American Indian Social Impact Assessment, Riverside Transmission Reliability Project, Riverside, California*. A report for POWER Engineers and the City of Riverside. Tucson: Bureau of Applied Research in Anthropology, University of Arizona (with K. Van Vlack, R. W. Stoffle)
- 2007 *Ethnohistoric and Ethnographic Assessment of Contemporary Communities along the Old Spanish Trail*. A draft report for the National Park Service, Intermountain Regional Office. (with R. W. Stoffle, J. Medwied-Savage, S. O'Meara, K. Van Vlack, and H. Fauland)
- 2007 *American Indians and the Old Spanish Trail*. A report for the National Park Service, Intermountain Regional Office. Tucson: Bureau of Applied Research in Anthropology, University of Arizona (with R. W. Stoffle, K. Van Vlack, S. O'Meara, and R. Arnold)
- 2006 *Traditional Saguaro Harvest in the Tucson Mountain District, Saguaro National Park*. A report for the National Park Service, Intermountain Regional Office. (lead with H. F. Dobyns, N. O'Meara, and R. W. Stoffle)
- 2006 *An Ethnobotany of Indiana Dunes National Lakeshore: A Baseline Study Emphasizing Plant Relationships of the Miami and Potawatomi Peoples, 2 vol.*. A report for the National Park Service, Midwest Regional Office. (lead with contributions from O. Cruz Banks and K. J. Carroll)
- 2004 *Traditional Resource Use of the Flagstaff Area Monuments*. A report for the National Park Service, Intermountain Regional Office. (lead author with R. W. Stoffle and N. O'Meara, with contributions from J. Dumbauld, S. Kelly, K. Van Vlack, F. Chmara-Huff, and C. Basaldu).

- 2004 *Puha Flows from It: The Cultural Landscape Study of the Spring Mountains*. A report for the U.S. Forest Service, Humboldt Toiyabe National Forest, Spring Mountains National Recreation Area. (fourth author with R. W. Stoffle, F. Chmara-Huff, and K. Van Vlack).
- 2004 *Vcmw®mc ,®mc , " , c ,pqoqõg (The Everchanging Pipestone Quarries): Sioux Cultural Landscapes and Ethnobotany of Pipestone National Monument*. A report for the National Park Service, Midwest Region. (lead author with R. W. Stoffle, N. O'Meara, and J. Dumbauld).
- 2003 *Traditionally Associated Peoples and Ethnographic Resources: A Workshop to Enhance Understanding of National Park Service Resources*. A report for the National Park Service, National Office. (co-editor with M. Schoepfle).
- 2002 *Cultural Landscapes of the Sheep and Pahrnagat Mountain Ranges: An Ethnographic Assessment of American Indian Places and Resources in the Desert National Wildlife Refuge of Nevada*. A report for Science Applications International Corporation and Nellis Air Force Base and Range Complex, Nevada (Second author with R. W. Stoffle (lead) and M. N. Zedeño).
- 2001 *Four Monuments Project: A Review of Cultural Affiliation Data for the Navajo, Sunset Crater, Walnut Canyon, and Wupatki National Monuments* (lead author with R. W. Stoffle; K. Kelley, F. Harris, T.J. Ferguson, and R. Anyon).
- 2000 *The People of Southern Arizona, Past and Present*. A report for Pima County, Arizona. (with S. M. Whittlesey and S. O'Mack).
- 2000 *Cultural Landscapes of History in Southern Arizona*. A report for Pima County, Arizona. (with S. O'Mack (lead)).
- 2000 *Overview of Traditional Cultural Places in Pima County*. A report for Pima County, Arizona. (lead with S. M. Whittlesey).
- 2001 *The Isle Royale Folkefiskerisamfunn: Familier som levde av fiske. An Ethnohistory of the Scandinavian Folk Fishermen of Isle Royale National Park*. Final Report. Tucson: Bureau of Applied Research in Anthropology, University of Arizona (lead; with R. W. Stoffle and M. N. Zedeño).
- 2000 *The Land Still Speaks: Traditional Cultural Property Eligibility Statement for Gold Strike Canyon, Nevada and Sugarloaf Mountain, Arizona*. This project is an extension of the *Hoover Dam By-Pass Project, Phase I*. It is a Determination of Eligibility submitted to the Nevada and Arizona State Historic Preservation Offices by the Federal Highway Administration as

partial fulfillment of Section 106 Requirements of the National Historic Preservation Act of 1966 (with K. J. Carroll, D. Ruppert, R. W. Stoffle (lead), and M. N. Zedeño).

- 2000 *Hoover Dam By-Pass Project, Phase I.* This project documents portions of a cultural landscape shared by Southern Paiute, Hualapai, and Mohave groups. It resulted in a request for determination of eligibility as a Traditional Cultural Property for Sugarloaf Mountain (AZ) and Gold Strike Canyon (NV). Determination is pending as of 7/26/00 (with R. W. Stoffle (lead), M. N. Zedeño, and K. J. Carroll).
- 1999 *Sic Has Elid g Jewed "Respect the Land."* This project compiled the natural and cultural resource management capabilities of various Tohono O'odham Nation departments. Tucson: Bureau of Applied Research in Anthropology, University of Arizona (lead with R. W. Stoffle).
- 1999 *American Indian Transportation Committee Field Assessment of Cultural Sites Regarding the U.S. Department of Energy Pre-Approval Draft Environmental Assessment of Intermodal Transportation of Low-Level Radioactive Waste to the Nevada Test Site.* Tucson: Bureau of Applied Research in Anthropology, University of Arizona (with R. W. Stoffle (lead) and H. Iihaine).
- 1998 *Conservation Partnerships: Indicators of Success. Technical Report 7.1.* Natural Resources Conservation Service - Social Sciences Institute, Fort Worth, TX. April. (lead with M. D. Johnson)

PRESENTATIONS:

- 2007 "Protecting the Sacred: Cultural Challenges in Natural Resource Management." Paper presented at the Society for Applied Anthropology 67th Annual Meeting. March 27-31. Tampa, FL.
- 2007 "Traditional Piñon Pine Management in the Kawich Range, NV." Poster co-presented with Richard Arnold at the 60th Annual Meeting of the Society for Range Management, *Managed Rangelands: Traditions and Transitions*. February 11-16. Reno, NV.
- 2006 "Sugarloaf Mountain: A Multi-cultural Puha Complex." Paper presented at the 30th Great Basin Anthropological Conference. October 19-21. Las Vegas, NV.
- 2006 "A Blackfoot Traditional Land Use Study: Protecting Rangelands and Preserving Culture through Natural Resource Education." Paper co-presented with F. First Charger at the 59th Annual Meeting of the Society for Range Management, *Rangelands to Rainforests*. February 12-17. Vancouver, BC.

- 2006 "Rebirth and Renewal: Traditional Resource Use of Sunset Crater" Poster presented at the 10th Biennial Southwest Symposium *Acts of History: Ritual, Landscape, and Historical Archaeology in the US Southwest and Northwest Mexico*. January 13-14. Las Cruces, NM. (Heather Fauland, Rebecca S. Toupal, and R. W. Stoffle)
- 2005 "Cultural Landscape Management outside the National Park Service." Paper presented at *Winds of Change, Keys to the Future*, American Society of Landscape Architects Annual Meeting, Ft. Lauderdale, FL. October 7-10.
- 2005 "Differential Approaches to the Identification and Management of Cultural Landscapes." Session organized for *Winds of Change, Keys to the Future*, American Society of Landscape Architects Annual Meeting, Ft. Lauderdale, FL. October 7-10.
- 2005 "Incorporating Traditional Ecological Knowledge with Natural Resource Management." Presentation for BARA Reunion.
- 2005 "Cultural Connectivity in the Landscape: GIS Applications in Ethnographic Research." Presentation for the annual Nellis Air Force Base Native American Indian Program meeting.
- 2005 "Promoting Native American Heritage At Federal Interpretive Centers." Paper presented at *Heritage, Environment, and Tourism*, Society for Applied Anthropology Annual Meeting, Santa Fe, NM. April 5-10.
- 2005 "Native American Heritage: A Priority for Landscape Planning and Management." Session organized for the Society for Applied Anthropology Annual Meeting, Santa Fe, NM. April 5-10.
- 2004 "From Earth's Birth to Crystals: Contextualizing Volcanic Events and Products." Paper presented at the 29th Great Basin Anthropological Conference, Sparks, NV. October 14-16 (with R. W. Stoffle).
- 2004 "Local Ecological Knowledge and Western Science: A Foundation for Co-management of Natural Resources." Paper presented at *Social Science and Advocacy*, Society for Applied Anthropology Annual Meeting, Dallas, TX. March 31-April 4.
- 2004 "The Pros and Cons of Advocacy in Natural Resource Management." Session organized for the Society for Applied Anthropology Annual Meeting, Dallas, TX. March 31-April 4.
- 2003 "Cultural Landscapes: An Exploratory Methodology to Identify Cultural Concerns for Natural Resource Management." Paper presented at *Building*

Bridges: Collaborating Beyond Boundaries, Society for Applied Anthropology Annual Meeting, Portland, OR. March 19-March 23.

- 2003 “Evolving Research in Ethnographic Resources.” Presentation at *Living Peoples and Cultures: A Workshop on Park Ethnographic Resources and Traditionally Associated Peoples*, University of Arizona and the National Park Service, Tucson, AZ. Feb. 25-Feb. 27.
- 2003 “Cultural Landscapes: An Exploratory Methodology to Identify Cultural Concerns for Natural Resource Management.” Paper presented at *Crossroads of the West*, 56th Annual Meeting, Society for Range Management, Casper, WY. Feb. 1-Feb. 6.
- 2002 “Cultural Landscapes: Operationalizing the Abstract to Understand Social Components of Natural Resource Management.” Poster presented at *Changes and Choices: Collaborative Land Use Planning in the Southwest Conference*, Tucson, AZ. Nov. 19-Nov. 21.
- 2002 “Cultural Landscapes: An Exploratory Methodology to Identify Cultural Concerns for Natural Resource Management.” Paper presented at the International Symposium for Society and Resource Management Annual Meeting, Bloomington, IN. June 2-June 5.
- 2002 “Cultural Landscapes: An Exploratory Methodology to Identify Cultural Concerns for Natural Resource Management.” Paper presented at Research and Resource Management in Southwest Deserts Meeting, Tucson, AZ. May 15-May 17.
- 2002 “Landscape Perceptions and Natural Resource Management: Merging Natural and Social Sciences for the Conservation of Human Ecosystems.” Paper presented at the Society for Applied Anthropology Annual Meeting, Atlanta, GA. March 6-March 10.
- 2001 “Situated Risk in Cultural Landscapes: Relationships between Cultural Continuity and Environmental Condition.” Session organized for the Society for Applied Anthropology Annual Meeting, Mérida, Yucatán, Mexico. March 28-April 1.
- 2001 “Contested Landscapes in the Baboquivari Wilderness: The Challenge of Situated Risk in Managing Public Lands.” Paper presented at the Society for Applied Anthropology Annual Meeting, Mérida, Yucatán, Mexico. March 28-April 1.
- 2000 “Scandinavian Folk Fishing Communities of Isle Royale National Park: An Ethnographic Study of Commercial Fishing.” Presentation for the

- Millenium Celebration of Isle Royale National Park and the Isle Royale Natural History Association. Rock Harbor, Isle Royale, MI. July 21-23.
- 2000 “Cultural Landscapes: A Natural Resource Management Strategy for Natural and Cultural Conservation.” Session organized for the Society for Applied Anthropology Annual Meeting, San F.co, CA. March 22-25.
- 2000 “The Life History of a Scandinavian Folk Fishing Landscape at Isle Royale.” Paper presented at the Society for Applied Anthropology Annual Meeting, San F.co, CA. March 22-25.
- 2000 “‘Cowboys’ and Conservation: The Influence of Private Landowners on the Success of Conservation Partnerships in the Western United States.” Paper presented at the Society for Range Management Annual Meeting, Boise, ID. February 13-18.
- 2000 “Effective Conservation: The Product of Purposeful Action or Cultural Behavior?” Paper presented at the Society for Range Management Annual Meeting, Boise, ID. February 13-18.
- 2000 “Guidelines for Successful Stakeholder Group Consensus Decisions” Paper presented with Carol Kruse and Kimberly Richardson at the Society for Range Management Annual Meeting, Boise, ID. February 13-18.
- 1999 “‘Cowboys’ and Conservation: The Influence of Private Landowners on the Success of Conservation Partnerships in the Western United States.” Paper presented at the Society for Ecological Restoration, San F.co, CA. September 23-25.
- 1998 “Conservation Partnerships: The Role of Private Land Owners in Effective Watershed Management.” Paper presented at 9th US/Mexico Border States Conference, Tucson, AZ. June 5-8.
- 1998 “Cowboys and Conservation: Partnerships for Effective Watershed Management.” Paper presented at Society for Applied Anthropology Annual Meeting, San Juan, Puerto Rico. April 21-16.
- 1997 “The Effectiveness of Public/Private Conservation Partnerships as Measured by Common Characteristics of Success.” Annual Convention, Arizona Association of Conservation Districts, Laughlin, NV, July 30 – August 1.
- 1997 “The Effectiveness of Watershed Partnerships as Measured by Common Characteristics of Success - A Preliminary Report.” Fifth Annual National Watershed Conference, Reno, NV, May 18-21.

- 1993 Potential impacts of the Zuni River Watershed Plan. A meeting with private landowners to discuss the project and obtain their support and participation. Ramah, NM.
- 1993 Potential impacts of the Zuni River Watershed Plan. A meeting with Zuni officials to discuss the project and secure tribal support of and participation in the project. Zuni, NM.
- 1993 Potential impacts of the Zuni River Watershed Plan. A meeting with Ramah Navajo officials to discuss the project and secure tribal support of and participation in the project. Ramah, NM.
- 1992 Four Corners RC&D Area Proposal. A meeting with the San Juan Southern Paiute Tribal Council to obtain their sponsorship of the project.
- 1992 Four Corners RC&D Area Proposal. A meeting with the Navajo Nation's Shiprock Conservation District Board of Supervisors to obtain sponsorship of the project.
- 1992 Four Corners RC&D Area Proposal. Facilitated a planning workshop with members of the Navajo Nation and the Hopi Tribe to develop an application to establish a tribal Resource Conservation and Development Area.

PROFESSIONAL ASSOCIATION MEMBERSHIPS AND SERVICES:

- Society for Range Management, 1986 – present
 American Society of Landscape Architecture, 1995 – 2005
 Society for Applied Anthropology, 1997 – present
 Society for Conservation Biology, 2002 – present
 International Assoc. for Society and Natural Resources, 2002 – present