WILLIAM E. DOOLITTLE

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EDUCATION and CERTIFICATION

A.A. Tarrant County Junior College, Fort Worth, 1972

B.A. Texas Christian University, Fort Worth, 1974 (Government and Geography)

M.A. University of Missouri, Columbia, 1976 (Geography)

Ph.D. University of Oklahoma, Norman, 1979, (Geography, Archaeology)

Advisor: B. L. Turner II

Certified Engineering Technician (Civil), NICET No. 14255

SPECIALTIES: landscapes, agricultural and water control technology, sustainability science, arid lands, American Southwest, and Mexico

MEMBERSHIPS IN LEARNED SOCIETIES

Association of American Geographers

American Geographical Society

Society for American Archaeology

American Association for the Advancement of Science

Conference of Latin Americanist Geographers

Arizona Archaeological and Historical Society

International Water History Association

ACADEMIC POSITIONS

1976,1979	Special Instructor, Department of Geography, University of Oklahoma
1977-79	Research Associate, Department of Anthropology, University of Oklahoma
1979-80	Assistant Professor, Department of Geology and Geography, Mississippi State
	University, Starkville
1981-87	Assistant Professor, Department of Geography, University of Texas at Austin
1987-96	Associate Professor, Department of Geography, University of Texas at Austin
1996-2000	Professor, Department of Geography, The University of Texas at Austin
2000 –	Erich W. Zimmermann Regents Professor of Geography, Department of
	Geography and the Environment, The University of Texas at Austin

ADMINISTRATIVE SERVICES

1982-88	Undergraduate Advisor
1988-92	Graduate Advisor; Chair, Graduate Studies Committee
1992-96	Department Chair
2004-06	
1998-2000	Graduate Recruiter, Chair, Graduate Studies Committee
'02-'04	

ELECTED OFFICES

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1980-84	Chairperson, Cultural Ecology Specialty Group of the Association of American
	Geographers
1984-86	Secretary-Treasurer, Cultural Ecology Specialty Group of the Association of
	American Geographers
1986-88	Member, Board of Directors, Cultural Ecology Specialty Group of the
	Association of American Geographers
1989-94	Member, Board of Directors, Conference of Latin Americanist Geographers
1990-92	Vice-Chairperson, Board of Directors, Conference of Latin Americanist
	Geographers
1992-94	Chairperson, Board of Directors, Conference of Latin Americanist Geographers
1994-95	Secretary-Treasurer, Southwest Division Association of American Geographers
1995-97	Chair, Southwest Division, Association of American Geographers

APPOINTMENTS

APPOINT	MENTS
1980	Member, Program Committee, Annual Meeting of the Southeastern Division of
	the Association of the American Geographers, Blacksburg, Virginia
1982	Member, Local Arrangements Committee, Annual Meeting of the Association of
	American Geographers, San Antonio, Texas
1987-93	Member, Committee on Scientific Freedom and Responsibility, Association of
	American Geographers.
1989	Chair, Arrangements and Program Committee, Annual Meeting of the Conference
	of Latin Americanist Geographers, Querétaro, México.
1991	Judge, Presidio La Bahia Award (best book on Spanish Colonial Texas),
	presented by The Sons of the Republic of Texas.
1993-96	Member, Editorial Board, Annals of the Association of American Geographers.
2008-11	
1993-95	Member, Editorial Advisory Board, Kiva (Journal of Southwestern Anthropology
	and History).
1994	Nominee, Honors Committee, Association of American Geographers.
1994	Co-Chair, Arrangements and Program Committee, Primero Reunión de Geografía
	Regional: México-Estados Unidos-Canadá. Joint Meeting of La Sociedad
	Mexicana de Geografía y Estadística and the Conference of Latin
	Americanist Geographers, Ciudad Juárez, Chihuahua, México (with Maria
	Luisa Garcia Amaral).
1995-98	Member, Editorial Board, Geografía y Desarrollo (México).
1996 –	Member, Editorial Board, Journal of Cultural Geography.
1996	Nominee, National Councilor, Association of American Geographers.
1997	Chair, Program Committee, Annual Meeting of the Association of American
	Geographers, Fort Worth, Texas.

1997-2004 Executive Director, Conference of Latin Americanist Geographers. 1999-2005 Member, Editorial Board, Journal of Historical Geography.

Nominee, Regional Councilor, Association of American Geographers. 2000

2002-2005 Alternative National Representative (United States), Geography Commission, Pan American Institute of Geography and History.

2003 Nominee, Chair-Elect, Section E, Geology and Geography, American Association for the Advancement of Science.

Member, Editorial Advisory Board, Mono y Conejo (Mesoamerican publication 2003 of the Texas Archaeological Research Laboratory).

2003-2006 Member, George and Viola Hoffman Award Committee, Association of American Geographers

Nominee, Honors Committee, Association of American Geographers

VOLUNTEERED SERVICES

- Organizer and Chair, Special Session on the Philosophy and Methodology of Cultural Ecology, Annual Meeting of the Association of American Geographers, Los Angeles, California.

 Organizer and Chair, Special Session on Future Trends in Hazard Research,
- Organizer and Chair, Special Session on Future Trends in Hazard Research, Annual Meeting of the Association of American Geographers, Denver, Colorado.
- Organizer, Special Session on Irrigation, Society, and Change, Annual Meeting of the Association of American Geographers, Minneapolis, Minnesota.
- 1991 Co-Organizer, Gran Quivira Conference XX, Goliad and San Antonio, Texas (with Elizabeth A. H. John and Adán Benavides).
- 1992 Contributor, *SMRC Revista* (formerly *Newsletter*), Southwest Mission Research Center, The Arizona State Museum, Tucson.
- Organizer, Special Session on The Geographical Personality of Robert C. West's Sonora, Annual Meeting of the Association of American Geographers, San Francisco, California
- 1995 Co-Founder and Co-Editor, *EarthWorks*, the first hypermedia geographical journal (with Kenneth E. Foote and Gregory W. Knapp).
- Sponsoring Agent, Gran Quivira Conference XXVII, Nuevo Laredo, México.
- Organizer and Chair, two Sessions on *La(s) Frontera(s) de Desarrollo:* The Evolving South Texas Borderland, Race, Ethnicity, and Place Conference, Texas State University-San Marcos.

AWARDS and HONORS

1994

Americanist Geographers

Who's Who in America.

Fulbright Distinguished Lectureship in Environmental Issues, Mexico (declined)

Robert McC.Netting Award, Cultural and Political Ecology Specialty Group of the Association of American Geographers

Carl O. Sauer Distinguished Scholarship Award, Conference of Latin

- Featured Geographer, *Harcourt Horizons: People and Communities*, p. 173
- 2004 Outstanding Graduate Advisor, The University of Texas at Austin
- 2004 Outstanding Service Award, Conference of Latin Americanist Geographers
- Fellow, American Association for the Advancement of Science
- 2006 Distinguished Scholarship Honors, Association of American Geographers
- Fulbright Senior Specialist, Sweden
- Top 100 Open Courseware Projects—Field Techniques—Online Educational Database, http://oedb.org/library/features/top-100-open-courseware-projects.

RESEARCH GRANTS

- Biological and Physical Sciences Research Institute, Mississippi State University.
- Mellon Foundation, Center for Latin American Studies, Tulane University
- 1981-82 National Science Foundation, No. SES-8200546.
- 1982 University Research Institute, University of Texas, Summer Research Award.
- 1983 The Association of American Geographers.

1984 1984 1986,'89,	University Research Institute, University of Texas. Tinker Foundation, Institute of Latin American Studies, University of Texas. Mellon Foundation, Institute of Latin American Studies, University of
'92, 2001,	Texas.
'02 1987-88	National Endowment for the Humanities, No. RO-21458-87.
1991	Erich W. Zimmermann Fellowship, Department of Geography, UT–Austin
1991-	National Science Foundation, Co-PI on several Dissertation Improvement Grants
1996	National Geographic Society, No. 5834-96.
1997	Paul W. McQuillen Memorial Fellowship, John Carter Brown Library, Brown University.
1997	Houston Endowment, Institute of Latin American Studies, University of Texas.
FIELD EXP	ERIENCE (with Funding agency)
1977-78	Prehistoric and present-day settlement, ecological, and agricultural research in Sonora, México; June-August (Dissertation research, member of the NSF-funded Río Sonora Project, No. BNS 76-16818).
1978	Analysis of arroyo environments in the Big Bend region of Texas
1980	Reconnaissance of traditional agro-ecosystems in southwestern United States and northwestern México; May-June (BPSRI-MSU).
1981	Analysis of traditional agro-ecosystems and changes in arroyo agriculture in Sonora, México; June- August (NSF).
1982	Survey of southwestern Spanish Mission agricultural lands; May-June (URI-UT).
1983	Inspection of ancient field systems in Chaco Canyon, New Mexico; March.
1983	Reconnaissance of prehistoric terraces in New Mexico and Western Apache irrigation systems; June-July.
1984	Investigation of Spanish colonial townscapes and cattle pastures in northeastern México; March.
1984	Survey of intermittently used lands of marginal agricultural quality in northern Mexico; May-June (Tinker-ILAS).
1984	Assessment of prehistoric agricultural environs in western New Mexico; June-(URI-UT).
1985, '86,	Reconnaissance of Spanish colonial agriculture and ranching landscapes, and
'88, '90,	water control features in various parts of México.
'94, '97,	
99, 2001-	
'03, '05-	
'08, '09	
1986	Investigation of prehistoric canal irrigation technology in northern México and southern Arizona; June-July (Mellon-ILAS).
1987	Assessment of prehistoric agricultural features on the Yucatan Peninsula; January (URI-UT).
1987	Survey of Spanish colonial sheep herding routes through the Sierra Madre Oriental of México; November (URI-UT).
1988	Analysis of various ancient agricultural fields, features, and systems in the New River and Flagstaff areas, Arizona; Chama and Upper Río Grande Valleys, and Zuni Reservation, New Mexico; Mesa Verde area, Colorado; Wisconsin; southern England; and the Netherlands; May-August (NEH).

1989 Survey of relict prehistoric agricultural features in the Tehuacán Valley, México; March. 1989 Inspection of Aztec aqueducts in Texcoco, and earlier canal irrigation systems near Teotihuacán, Mexico; June (Mellon-ILAS). 1989 Assessment of indigenous Puebloan and early Spanish irrigation sites in northern New Mexico: October. 1990 Evaluation of late prehistoric agricultural sites in the Tonto Basin, Arizona; May (consultant, Statistical Research, Inc., Tucson). Reconnaissance of Maya raised fields in northern Belize, Central America; May 1990 (consultant, National Geographic Society Project No. 4274-90). 1990 Study of past and present irrigation systems and their environmental impacts, Chihuahua and Sonora, México; June. 1991 Exploration of prehistoric raised fields in the northern Basin of México and terraces in the Sierra Madre of northern México; June and August. 1991 Inspection of slash-and-burn fields in tropical dry forest regions of Guerrero, México; September (NSF). 1992, '94 Survey of prehistoric water control features in southwestern New Mexico and southeastern Arizona; January, May (URI-UT). 1992 Assessment of prehistoric water and soil control features and present-day forestry impacts in the Sierra Madre of northern, México; May and (Mellon-ILAS). 1992, '93 Evaluation of prehistoric agricultural sites in the Lower Verde River Valley, Arizona; May, December, May (consultant, Statistical Research, Inc., Tucson). 1993, '94 Collection of paleoenvironmental data by means of core samples from coastal lowlands of Veracruz, México; January, April (NASA). 1993 Inspection of irrigated terraces on the Hopi Reservation, Arizona, May. 1994 Reconnaissance of prehistoric rock-bordered grids in Southeastern Arizona, May (URI-UT). 1995 Survey of contemporary, Spanish colonial, and indigenous agricultural landscapes of southern México and northern Central America, January. 1996, '97, Reconnaissance of Lower Rio Grande/Bravo Valley with a focus on Falcon 2002 Reservoir, north Mexican drought, and the reappearance of Guerrero Viejo. 1997 Multidisciplinary investigation of prehistoric rock-bordered grids in the Gila Valley, Arizona, January, March, June, October (NGS). 1997 Examination of Roman and Islamic irrigation features of Spain, Portugal, and France, April-May (Houston-ILAS). 1998, 2000 Archaeological investigation of ancient canal irrigations systems on the flanks of the Pinaleño Mountains, Arizona, May-July. 1999 Inspection of Roman aqueducts, Lazio, Italy, January. 1999, 2006 Examination of wet taro cultivation and terracing, Hawai'i, April. 2000 Excavation and survey of prehistoric irrigation canals in the Yautepec and Tehuacan valleys of Mexico, May-June. 2000 Reconnaissance of agricultural landscapes in the Netherlands and southeastern Poland. 2001 Survey of cultural, especially agricultural and hydraulic, landscapes of Spain and Morocco, March, May-June 2001 Preliminary assessment of environmental management and sustainable agriculture in northwest Mexico, July (Mellon-LLILAS) 2001 Inspection of agro-forestry practices in Esmeraldas province, Ecuador, August.

2001	Inspection of landscape change in highland Honduras, October.
2003	Inspection of agricultural plots affected by invasive plant species, Samoa, June.
2004	Reconnaissance of prehistoric and traditional agricultural landscapes in highland
	Guatemala, May.
2004	Assessment of deforestation impacts on the Panama Canal, December.
2005	Re-study of the cityscape of Quiroga, Michoacan, Mexico, October.
2006	Inspection of building materials mining sites in Veracruz, Mexico, March.
2007	Investigation of Spanish era aqueducts in México, Jan., July (Mellon-LLILAS)
2008	Exploration of collaborative research opportunities, Cuatrocienegas, Coahuila,
	Mexico.

PUBLICATIONS

Books and Monographs:

1988	Pre-Hispanic Occupance in the Valley of Sonora, Mexico: Archaeological
	Confirmation of Early Spanish Reports. (Tucson: Anthropological Papers of
	the University of Arizona 48, University of Arizona Press).
1990	Canal Irrigation in Prehistoric Mexico: The Sequence of Technological Change.
	(Austin: The University of Texas Press).
2000	Cultivated Landscapes of Native North America. (Oxford: Oxford University
	Press).
2004	The Safford Valley Grids: Prehistoric Cultivation in the Southern Arizona Desert.
	Co-edited with James A. Neely. (Tucson: Anthropological Papers of the
	University of Arizona 70, University of Arizona Press).
2004	Canales de Riego en el México Prehispanico: La Secuencia del Cambio
	Tecnológico. (Chapingo: Museo Nacional de Agricultura, Universidad
	Autónoma Chapingo). Translated version of the 1990 book, updated with a
	new chapter and expanded bibliography.
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Articles and Chapters:

Articles al	id Chapters:
1976	Reilly's Law of Retail Gravitation: A Comparison with Empirically Derived
	Interaction Fields in Missouri. <i>The Missouri Geographer</i> 23.1:9-20.
1976	Locational Characteristics of Mobile Home Parks in Columbus, Ohio. The
	Geographical Bulletin 13:17-35.
1978	The Concept and Measure of Agricultural Intensity. Co-authored with B.L.
	Turner II. The Professional Geographer 30:297-301.
1979	La Población Serrana de Sonora en Tiempos Prehispánicos: La Evidencia de los
	Asentamientos Antiguos, In Memoria IV Simposio de Historia de Sonora,
	Juan Antonio Ruibal Corella, coor. (Hermosillo: Instituto de Investigaciones
	Históricas):1-16.
1980	Aboriginal Agricultural Development in the Valley of Sonora, Mexico.
	Geographical Review 70:328-342.
1981	Obsidian Hydration Dating in Eastern Sonora, Mexico. In Obsidian Dates III. A
	Compendium of Obsidian Hydration Determinations Made at the UCLA
	Obsidian Hydration Laboratory, Clement W. Meighan and Glenn S. Russell,
	eds. (Los Angeles: University of California, Institute of Archaeology
	Monograph XVI):155-159.

Monograph XVI):155-159.

1983 Agricultural Expansion in a Marginal Area of Mexico. *Geographical Review* 73:301-313.

1984 Settlements and the Development of 'Statelets' in Sonora, Mexico. Journal of Field Archaeology 11:13-24. 1984 Agricultural Change as an Incremental Process. Annals of the Association of American Geographers 74:124-137. 1984 Cabeza de Vaca's Land of Maize: An Assessment of its Agriculture. Journal of Historical Geography 10:246-262. 1984 La Tierra del Maíz de Cabeza de Vaca: Cuando La Serrana fue el Cesto de las Tortillas. Sonora: La Revista Cultural del Noroeste de México 29:14-16 Reprinted in translation from *Journal of Historical Geography*). 1984 Sorpredente y Unico Plano Prehistórico de Irrigación en Banámichi: Investigación Agrícola del Noreste del Estado. Sonora: La Revista Cultural del Noroeste de México 30:20-23 (Reprinted in translation from Journal of Historical Geography). 1985 The Use of Check Dams for Protecting Downstream Agricultural Lands in the Prehistoric Southwest: A Contextual Analysis. *Journal of Anthropological* Research 41:279-305. 1987 Las Marismas to Pánuco to Texas: The Transfer of Open Range Cattle Ranching From Iberia Through Northeastern Mexico. Yearbook, Conference of Latin Americanist Geographers 13:3-11. 1988 Intermittent Use and Agricultural Change on Marginal Lands: The Case of Smallholders in Eastern Sonora, Mexico. Geografiska Annaler 70B:255-266. 1989 Arroyos and the Development of Agriculture in Northern Mexico. In Fragile Lands of Latin America: The Search for Sustainable Uses, John O. Browder, ed. (Boulder: Westview Press):251-269. 1989 Pocitos and Registros: Comments on Water Control Features at Hierve el Agua, Oaxaca. American Antiquity 54:841-847. 1990 The Physical Landscape of Latin America: Environmental Factors and Human Occupance. In Pattern of Regional Geography: An International Perspective, vol. III, World Regions, R.B. Mandal, ed. (New Delhi: Concept Publishing):307-348. 1990 Terrace Origins: Hypotheses and Research Strategies. Yearbook, Conference of Latin American Geographers 16:9 1991 A Finger on the Hohokam Pulse. In Prehistoric Irrigation in Arizona: Symposium 1988, Cory Dale Breternitz, ed. (Phoenix: Soil Systems Publications Archaeology 7):139-154. 1991 Phytoliths as Indicators of Prehistoric Maize (Zea mays subsp. mays, Poacea) Cultivation. Co-authored with Charles D. Frederick. Plant Systematics and Evolution 177:175-184. 1992 Before There Was a Cornbelt: A Prospectus on Research. In Late Prehistoric Agriculture: Observations from the Midwest, William I. Woods, ed. (Springfield: Illinois Historic Preservation Agency, Studies in Illinois Archaeology 7):217-240. 1992 Some Questions Concerning Development: Comments on "Regional and Economic Development." In Benchmark 1990, Tom L. Martinson, ed. Yearbook, Conference of Latin Americanist Geographers 17/18:293-294. 1992 Regional Ecology and Middle America: Teaching Geography in a Major Latin American Program, In Benchmark 1990; Tom L. Martinson, ed., Yearbook Conference of Latin Americanist Geographers 17/18:309-312. Appeared initially in Pre-Conference Proceedings: 20th Anniversary Meetings,

	Conference of Latin Americanist Geographers, Cyrus P. Dawsey,
	comp. (Auburn: CLAG and Department of Geography, Auburn
1002	University): 245-252 (1990).
1992	House-Lot Gardens in the Gran Chichimeca: Ethnographic Cause for Archaeological Concern. In <i>Gardens of Prehistory: New World Agriculture</i>
	and Settlement in Archaeological Perspective, Thomas W. Killion, ed.
	(Tuscaloosa: University of Alabama Press):69-91.
1992	Agriculture in North America on the Eve of Contact: A Reassessment. <i>Annals of</i>
1772	the Association of American Geographers 82:386-401.
1993	A Method for Distinguishing Between Prehistoric and Recent Water and Control
	Features. Co-authored with James A. Neely and Michael D. Pool. Kiva 59:7-
	25.
1993	Canal Irrigation at Casas Grandes: A Technological and Developmental
	Assessment of its Origins. In Culture and Contact: Charles C. DiPeso's Gran
	Chichimeca, Anne I. Woosley and John C. Ravesloot, eds. (Dragoon and
	Albuquerque: The Amerind Foundation and University of New Mexico
1007	Press):133-151.
1995	The San Saba-Menard Irrigation System: Lessons Learned by Unraveling Its
	Origin. In Soil, Water, Biology, and Belief in Prehistoric and Traditional Southwestern Agriculture. H. Wolcott Toll, ed. (Albuquerque: New Mexico
	Archaeological Council, Special Publication 2):263-277.
1995	Indigenous Development of Mesoamerican Irrigation. Geographical Review
1775	85:301-323.
1996	Latitudes and Attitudes: The Southern Limit(s) of North America. <i>Geografía</i> y
	Desarrollo 13:79-88.
1997	Deserts: Introduction. In The Evolving Landscape: Homer Aschmann's
	Geography. Martin J. Pasqualetti, ed. (Baltimore: Johns Hopkins Press for the
	Center for American Places):227-231.
1998	Innovation and Diffusion of Sand- and Gravel-Mulch Agriculture in the American
1000	Southwest: A Product of the Eruption of Sunset Crater. <i>Quaternaire</i> 9:61-69.
1998	Challenging Regional Stereotypes: The Case of Northern Mexico. Southwestern
1999	Geographer 2:15-39. Noria Technology in Mexico: Against the Current and Against the Odds.
1777	International Molinology 59:8-13.
2000	Preliminary Assessment of Irrigation Waters on the Ejido Xochimanca, Ticuman,
	Morelos, Mexico. In Proyecto Arqueobotánico Ticumán: Informe Técnico
	Preliminar VI, Temparada 2000. Luis Morett Alatorre, comp. Chapingo:
	Museo Nacional de Agricultura, Universidad Autonoma Chapingo):81-91.
2001	Learning to See the Impacts of Individuals. <i>Geographical Review</i> 91:423-429.
2002	Feeding a Growing Population on an Increasingly Fragile Environment. In Latin
	America in the Twenty-First Century: Challenges and Solutions. Knapp, ed.
	(Austin: Conference of Latin Americanist Geographers and the University of
	Texas Press). Co-authored with Andrew Sluyter, Eric P. Perramond, Phil L.
2002	Crossley, and Dean P. Lambert. 44-75.
2003	Channel Changes and Living Fencerows in Eastern Sonora, Mexico: Myopia in Traditional Resource Management? <i>Geografiska Annaler A:</i>
	Physical Geography 85:247-261.
2004	Permanent vs. Shifting Cultivation in the Eastern Woodlands of North America

Prior to European Contact, Agriculture and Human Values 21:181-189.

2004 A Checkered Landscape. In The Safford Valley Grids: Prehistoric Cultivation in the Southern Arizona Desert. William E. Doolittle and James A. Neely, eds., pp. 1-17, (Tucson: Anthropological Papers of the University of Arizona 70, University of Arizona Press). Co-authored with James A. Neely. 2004 Site Topography and Hydrology. In *The Safford Valley Grids: Prehistoric* Cultivation in the Southern Arizona Desert. William E. Doolittle and James A. Neely, eds., pp. 48-61, (Tucson: Anthropological Papers of the University of Arizona 70, University of Arizona Press). 2004 Rock Art In The Safford Valley Grids: Prehistoric Cultivation in the Southern Arizona Desert. William E. Doolittle and James A. Neely, eds. pp.112-124, (Tucson: Anthropological Papers of the University of Arizona 70, University of Arizona Press). Co-authored with Betty Graham Lee. 2004 Answers and Ideas. In The Safford Valley Grids: Prehistoric Cultivation in the Southern Arizona Desert. William E. Doolittle and James A. Neely, eds., pp.125-141, (Tucson: Anthropological Papers of the University of Arizona 70, University of Arizona Press). Co-authored with James A. Neely. 2004 Gardens are Us, We are Nature: Transcending Antiquity and Modernity. Geographical Review 94:391-404. 2004 De las Marismas a Pánuco y a Texas: la transferencia del sistema de ganadería de tipo extensivo de la Penísula Ibérica a y por el Noreste de México. In De las Marismas del Guadalquivir a la Costa de Veracruz: cinco perspectivas sobre cultura ganadera. José Velasco Toro and David Skerritt Gardner, trans. Y eds. (Xalapa, México: Universidad Veracruzana y Instituto de la Cultura de Veracruz). Reprinted in translation from Yearbook of the Conference of Latin Americanist Geographers, 1987. 2006 An Epilogue and Bibliographic Supplement to Canal Irrigation in Prehistoric *Mexico: The Sequence of Technological Change. Mono y Conejo* 4:3-15. 2006 Agricultural Manipulation of Floodplains in the Southern Basin and Range Province. Catena 65:179-199. 2006 Environmental Mosaics, Agricultural Diversity, and the Evolutionary Adoption of Maize in the American Southwest. In Histories of Maize: Multidisciplinary Approaches to the Prehistory, Linguistics, Biogeography, Domestication, and Evolution of Maize. John Staller, Robert Tykot, Bruce Benz, eds., pp. 109-121, (Amsterdam: Academic Press). Co-authored with Jonathan B. Mabry. 2008 Modeling the Early Agricultural Frontier in the Desert Borderland. In Archaeology Without Borders: Contact, Commerce, and Change in the U.S. Southwest and Northwestern Mexico. Laurie D. Webster and Maxine E. McBrinn, eds., pp. 55-70, (Boulder: University of Colorado Press). Coauthored with Jonathan B. Mabry. 2008 Misreading Between the Lines: Evidence and Interpretation of Ancient Settlements in Eastern Sonora, Mexico. In Ethno- and Historical Geographic Studies in Latin America: Essays Honoring William V. Davidson. Peter H. Herlihy and Kent Mathewson, and Craig S. Revels eds., pp. 299-308, (Baton Rouge: Geoscience and Man 40). In press Huépac Revisted: Cultural Remapping of a Sonoran Townscape. Journal of the

Southwest. Co-authored with Daniel D. Arreola, Lindsey Sutton, Arriana

Fernandez, Claire Smith, John Finn, and Casey Allen.

In press Landscapes, Locales, Fields and Food. In *The Land Between: The Archaeology of Southeastern Arizona*. Henry C. Wallace, ed. (Dragoon and Tucson: The Amerind Foundation and University of Arizona Press).

In review Wetting the Dry, Drying the Wet: Native North American Agricultural Landscapes. In *Water and Humanity: Historical Overview*. Vernon L. Scarorough and Fekri Hassan, eds. (Paris: UNESCO).

Book Reviews:

- Modeling Change in Prehistoric Subsistence Economies, Timothy K. Earle and Andrew L. Christenson eds., Academic Press, New York, 1980; Geographical Review 72:114-116
- 1982 Farming Practice in British Prehistory, Roger Mercer (ed.), Edinburgh University Press, Edinburgh, 1981; Archaeology Nov./Dec.: 72.
- 1983 Population and Technological Change: A Study of Long-Term Trends, Ester Boserup, University of Chicago Press, Chicago, 1981; Economic Geography 59:90-91.
- 1983 Parmana: Prehistoric Maize and Manioc Subsistence along the Amazon and Orinoco, Anna Curtenius Roosevelt, Academic Press, New York, 1980; Geographical Review 73:117-118.
- 1984 Frontier on the Rio Grande: A Political Geography of Development and Social Deprivation, John W. House, Clarendon Press, Oxford, 1982; Political Geography Quarterly 3:85-86.
- Water in the Hispanic Southwest: A Social and Legal History, Michael C. Meyer, University of Arizona Press, Tucson, 1984; Journal of Historical Geography 11:230-231.
- 1987 *The Archaeology of West and Northwest Mesoamerica*, Michael S. Foster and Phil C. Weigand (eds.), Westview Press, Boulder, 1985; *The Kiva* 52:154-160.
- The Presidio and Militia on the Northern Frontier of New Spain, A Documentary History, Volume 1: 1570-1700. Thomas N. Naylor and Charles W. Polzer, S.J., (comps. and eds.), University of Arizona Press, Tucson, 1986; The Professional Geographer 39:509.
- 1988 Irrigation in the Bajío Region of Colonial Mexico, Michael E. Murphy, Westview Press, Dellplain Latin American Studies, No. 19, Boulder, 1986; Geographical Review 78:99-100.
- 1988 Good Farmers: Traditional Agricultural Resource Management in Mexico and Central America, Gene C. Wilken, University of California Press, Berkeley and Los Angeles, 1987; Geographical Review 78:464-466.
- Wilderness Preservation and the Sagebrush Rebellions, William L. Graf, Rowman and Littlefield, Publishers, Savage, MD, 1990; Annals of the Association of American Geographers 82:164-166.
- 1993 The End of the Line, The Line at the End, The Spanish Frontier in North America, David J. Weber, Yale University Press, New Haven and London, 1992; Reviews in American History 21:374-378.
- The Spanish-American Homeland: Four Centuries in New Mexico's Río Arriba, Alvar W. Carlson, The Johns Hopkins University Press, Baltimore and London, 1990, The Journal of Geography 92:238-239.

1994	Sonora: Its Geographical Personality, Robert C. West, The University of Texas Press, Austin, 1993, Annals of the Association of American Geographers 84:324-326.
1996	Changes in Land Use and Land Cover: A Global Perspective, William B. Meyer and B. L. Turner II (eds.), Cambridge University Press, Cambridge, 1994; Cultural Ecology Newsletter 27:8-9.
1997	Plutonium and the Rio Grande: Environmental Change and in the Nuclear Age, William L. Graf, Oxford University Press, New York and Oxford, 1994; Annals of the Association of American Geographers 87:184-186.
2000	Guerrero Viejo, Elena Poniatowska and Richard Payne, Anchorage Press, Houston, 1997; Southwestern Historical Quarterly 103:380-381.
2000	The Political Ecology of the Water Crisis in Israel, Susan H. Lees, University Press of America, Lanham, 1998; American Anthropologist 102:201-202.
2001	History of the Triumphs of Our Holy Faith Amongst the Most Barbarous and Fierce Peoples of the New World, Andrés Pérez de Ribas, Translated by Daniel T. Reff, Maureen Ahern, and Richard K. Danford, University of Arizona Press, Tucson, 1999; Journal of Historical Geography 27:445-446.
2001	Cultural Encounters with the Environment: Enduring and Evolving Geographic Themes, Alexander B. Murphy and Douglas L. Johnson (eds.) with Viola Haarman (asst.), Rowman & Littlefield Publishers, Lanham and Oxford, 2000; Economic Geography 77:390-392.
2006	The Spanish Acequias of San Antonio, I. Waynne Cox, Maverick Publishing, San Antonio, 2005; Southwestern Historical Quarterly 109:574-575.
2006	Irrigation Waters Flow Downhill, Ears of Corn Roll Uphill. 1491: New Revelations of the Americas Before Columbus, Charles C. Mann, Alfred A. Knopf, New York, 2005; Geographical Review 96:487-490.
in press	Trincheras Sites in Time, Space, and Society, Suzanne K Fish, Paul R. Fish, and Elisa Villalpando (eds.), University of Arizona Press, Tucson, 2008; Geographical Review.
In press	Climate and Society in Colonial Mexico: A Study in Vulnerability, Georgina H. Enfield, Blackwell Publishing, Oxford, 2008; The Holocene.

Special Publications:

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1976	Principal Interaction Fields of Missouri Regional Centers. Assisted Richard G.
	Boehm and William B. Wagner. (Columbia: University of Missouri Extension
	Division).
1980-'86	Cultural Ecology Newsletter. Edited vols. 1-7.
1984	Donald D. Brand (obituary), Southwest Mission Research Center, SMRC-
	Newsletter 18.59:3.
1985	Donald Dilworth Brand (obituary), Anthropology Newsletter 26.3:3.
1987	Plates 5 and 7 (photographs). In The Frontier People: The Greater Southwest in
	the Protohistoric Period, Carroll L. Riley. (Albuquerque: University of New
	Mexico Press):54, 69.
1987	Queretaro '89 Pre-Meeting Program Survey. CLAG Communication 62:4.
1988	International CLAG Meeting in Queretaro: First Notice. CLAG Communication
	64:1-5 and inserts.
1988	'89 International CLAG Meeting in Queretaro, Mexico: Second Notice. CLAG
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- The Honey Bee in New Spain and Mexico. *Journal of Cultural Geography* 9:71-82. Edited and facilitated the posthumous publication of a paper by Donald D. Brand.

 1989

 '89 International CLAG Meeting in Oueretaro, Mexico: Final Notice, CLAG
- 1989 '89 International CLAG Meeting in Queretaro, Mexico: Final Notice. *CLAG Communication* 66:1-4 and inserts.
- Taking Care of Business, *Cultural Ecology Newsletter* 13:3-4.
- Mexico Study Trips Prepare Students to Conduct Graduate Research in Lands, *ILAS Newsletter* 22.2:9.
- 1989 Field Trip Guide: 1989 Conference of Latin Americanist Geographers. Compiler (Austin: University of Texas, Department of Geography).
- Post-Conference Trip to Mexico City. In *Field Trip Guide: 1989 Conference Latin Americanist Geographers*, William E. Doolittle, comp. (Austin: University of Texas, Department of Geography): 179-196.
- Subversion of Logic and Abandonment of Chinampa Agriculture. *The DESFIL Newsletter* 3.2:3.
- 1989 Conference of Latin Americanist Geographers. *The Professional Geographer 41*: 493-494.
- 1989 Queretaro Meeting Was Gran y Grande. *CLAG Communication* 67:1.
- 1990 Letter to the Editor. *Cultural Ecology Newsletter* 17:2.
- Figures 4.1, 4.2, 4.4-4.13, 4.15, 4.16 (photographs). In *Archaeology of the Ak-chin Indian Community West Side Farms Project: The Land and the People*, Robert E. Gasser, Christine K. Robinson, Cory Dale Breternitz, comps. (Phoenix: Soil Systems Publications in Archaeology 9.2): 4.5, 4.6, 4.8, 4.9, 4.12, 4.13-4.18, 4.24, 4.25.
- 1991 Physical Environments. In *The San Antonio River Valley: Notes for the Participants of the Gran Quivira Conference XX*, Adán Benavides, Jr., ed. (San Antonio: Casa Editorial Benavides): 1.
- Appendix A. Field Trip (Saturday, 12 October 1991): 2. San Antonio Acequias and Missions. Co-authored with I. Wayne Cox and Rosalind Rock. In The San Antonio River Valley: Notes for the Participants of the Gran Quivira Conference XX, Adán Benavides, Jr., ed. (San Antonio: Casa Editorial Benavides):16-25.
- 1992 Field Trip Guide: "Mission Espiritu Santo and Presidio La Bahia" (Seguin, TX: Texas Lutheran College, Krost Symposium).
- News items and book and article reviews. In *SMRC-Newsletter* vols. 26-35, *SMRC Revista* vols. 36-.
- 1992-'94 Letters from the Chair. CLAG Communication vols. 75-81:1-2.
- 1993 1994 CLAG Meeting Field Trip to the Sierra Madre. *CLAG Communication* 78:4,6.
- Figure 7 (photograph). In *North American Cattle-Ranching Frontiers: Origins, Diffusion, and Differentiation*, Terry G. Jordan (Albuquerque: University of New Mexico Press), 27.
- The Ciudad Juarez Meeting. *CLAG Communication* 79:2-4.
- Angel Bassols Batalla: Preston E. James Eminent Latin Americanist Career Award. *Yearbook, Conference of Latin Americanist Geographers* 19:113-114. Co-authored with Carlos Córdova F. de A.
- The Forest for the Trees. *Newsletter of the Latin American Specialty Group* Winter:2-3.
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1995 SWAAG Newsletter. Edited vol. 4, no. 1. 1996 Texas. The World Book Encyclopedia. Co-reviewed with Clifford L. Egan. (Chicago: World Book Publishing) T:184-210. 1996 Closer Than You Think. SWAAG Newsletter 5.1:1. 1996 Figures 3.4, 3.6, and 3.7 (photographs). In *The Aztecs*, Michael E. Smith (Oxford: Blackwell), 72, 75, 76. 1998 Karl W. Butzer: The 1997 Carl O. Sauer Distinguished Scholar Award. Yearbook, Conference of Latin Americanist Geographers 24:131-132. Coauthored with Joseph L. Scarpaci 2000 Field Trip Guide to Northern Mexico. (Austin: Conference of Latin Americanist Geographers). Co-authored with Elisabeth K. Butzer, Karl W. Butzer, and Maria F. Wade. San Antonio Field Trip Guide. (Austin: Conference of Latin Americanist 2000 Geographers). 2000 Karl W. Butzer: 1999 Robert McC. Netting Award. Cultural Ecology Specialty *Group of the Association of American Geographers* http://www/stetson.edu/artsci/cape/honors/butzer.php) 2002 Guerrero Viejo: Field Trip Guide to a City Found and Lost. (Laredo: Southwest Division, Association of American Geographers). Co-authored with Oscar I. Maldonado. 2003 Figures 3.4, 3.5 (photographs). In *The Aztecs*, second edition, Michael E. Smith (Oxford: Blackwell), 67, 69. 2003 In the Footsteps of Sauer, Brand, Hewes, and West: Field Trip Guide to Rio Sonora Valley. (Tucson: Conference of Latin Americanist Geographers) Cocompiled with Eric P. Perramond. 2003 Opata Speakers in Mexico, 1990; Opata Tribes Research Project, (http://www.geocities.com/quitoyou/opatamain.html). Recollections of Charlie. SMRC Revista 37 (137), 19-20. 2003 2004 Andrew Sluyter: 2004 Blaut Award. Cultural and Political Ecology Specialty *Group of the Association of American Geographers* (http://www.stetson.edu/artsci/cape/honors/sluyter.php) 2004 Figures 3.1 and 4.3 (photographs). In Gardens of New Spain: How Mediterranean Plants and Foods Changed America, William W. Dunmire (Austin: University of Texas Press), 60, 100. Bernard Lee Fontana. SMRC Revista 39 (143-144), 19. 2005 2005 Figures 23.6 and 23.7 (photographs). In *Rivers of North America*, Arthur C. Benke and Colbert E. Cushing, editors (Amsterdam: Elsevier), 1054, 1059. Figures 6.9 and 6.10 (photographs). In Latin America: Regions and People, 2006 Robert B. Kent (New York and London: The Guilford Press), 109, 111. 2006 Dry-farming and the Rock-bordered Grid Fields of the Safford Basin. Archaeology Southwest 20.2:4-5 Co-authored with James A. Neely. 2007 Michael J. Watts: 2007 Robert McC. Netting Award. Cultural and Political Ecology Specialty Group of the Association of American Geographers, co-authored with Simon Batterbury. (http://www.stetson.edu/artsci/cape/Honors/Watts.htm) 2008 Cover photograph. A Prayer for Juan Garza: Drug Culture in the Lower Rio

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1989 If the Southwest Isn't God's Country, Why Does He Vacation There?, 1989 Annual Meeting Program and Abstracts, Kevin Fitzpatrick, Kevin Klug, Sally Meyers, and Maria Smith, comps., Baltimore, 46. 1989 Indigenous Contributions to Aqueduct Technology in Northern New Spain Program and Abstracts, 1989 Conference of Latin Americanist Geographers, Jennifer K. Cohen, assembler, Queretaro, Mexico, 47. 1990 Latitudes and Attitudes: The Southern Limits of North America, AAG Annual Meeting, Program and Abstracts, Tom Chorlton, et al., comps., Toronto, 57. 1990 Reconstructing Spanish Irrigation Systems in the Southwest: San Saba, Janos, and Fronteras, Program and Abstracts, 1990 Southwest Division Association of American Geographers, 30. 1991 Spatial Differences in Aboriginal Agricultural Practices along the Atlantic Coast (co-authored with Michael D. Myers), Abstracts, The Association of American Geographers, 1991 Annual Meeting, Miami, 51. 1992 Native North American Cultivation Practices, 1492: Myths and Misunderstandings, Abstracts, The Association of American Geographers 1992 Annual Meeting, San Diego, 58. 1993 Distinguishing Prehistoric from Recent Water and Soil Control Features (coauthored with James A. Neely and Michael D. Pool), Abstracts, Association of American Geographers, 1993 Annual Meeting, Atlanta, 59. 1994 Las Aguas: When it Rains, it Pours in Sonora, Abstracts, Association of American Geographers 90th Annual Meeting, San Francisco, 88. 1995 Prehistoric Lithic-Bordered Grids in The Gila Valley, Arizona (co-authored with James A. Neely), Abstracts, Association of American Geographers 91st Annual Meeting, Chicago, 71. 1995 Finding the Lost Spanish Missions. Seventh Annual Texas Geography and Technology Conference. St. Monica School, Dallas, TX, 9. 1995 Domesticated Landscapes: Environmental Factors and Human Agency in Aboriginal North American Agriculture, Abstracts of the 60th Annual Meeting, Society for American Archaeology, Minneapolis, 67. 1995 The Native Imprint on "Spanish" Cities in Northern Mexico, Southwest Association of American Geographers, Annual Meeting (Program and Abstracts), Las Cruces, NM. The San Antonio River Valley and its Spanish Colonial Legacy: Canals, Cattle, 1995 Missions, and Military, National Council for Geographic Education, 80th Annual Meeting Final Program, San Antonio, 39. 1996 Sunset Crater and the Origins of Mulching in the American Southwest, *Abstracts*, The Association of American Geographers 92nd Annual Meeting, Charlotte, NC, 72. 1996 The Goat Hill Irrigation System, Southeastern Arizona (co-authored with James A. Neely), Abstracts of the 61st Annual Meeting, Society for American Archaeology, New Orleans, LA, 199. Lithic-Bordered Grids in the Gila Valley, Arizona, 1998 Abstract Volume. The 1998 Association of American Geographers 94th Annual Meeting, Boston, MA 1999 Soil Investigations at a Gridded Agricultural Field Complex in the Gila Valley, Southeast Arizona (co-authored with Jeffrey A. Homburg, Jonathan A. Sandor, and James A. Neely), Abstracts of the 64th Annual Meeting, Society of American Archaeology, Chicago, IL, 145.

1999 Reconstructing Prehistorically Cultivated Alluvial Land, 1999 Abstract Volume. The Association of American Geographers 95th Annual Meeting, Honolulu, HI. 1999 Too Much Water in the Desert: The Adaptive Paradox of Sonora, 1999 Fall Conference Program. Southwestern Division, Association of American Geographers, San Marcos, TX, 12. 2000 Technology Transfers: Aqueducts in Medieval Spain and Viceregal Mexico, 2000 Abstract Volume. The Association of American Geographers 96th Meeting, Pittsburgh, PA. 2001 Observing the Actions of Individuals in the (Not-so) Obviously Changing World. 2001 Abstract Volume. The Association of American Geographers 97th Annual Meeting, New York, NY. 2001 Negative Aspects of Living Fencerows in Eastern Sonora, Mexico, *Proceedings of* the International Symposium on Land Degradation and Desertification, Institute of Geography, Institute of Ecology, Institute of Anthropology, National Autonomous University of Mexico, Mexico City and Patzcuaro, 26. 2001 Rock-Bordered Grids in the Safford Valley, Arizona, Pre-Actes, XIVe Congres de l'Union International des Sciences Prehistoriques et Protohistoriques, Liege, Belgique, 380. 2002 Agro-Environmental Research in Sonora and Chihuahua, Mexico. 2002 Abstract Volume. The Association of American Geographers 98th Annual Meeting, Los Angeles, CA. 2002 The Tehuacan Valley "Fossilized" Canal Mapping and Contextual Sampling Project (co-authored with James Neely, S. Christopher Caran, Richard Anderson, and Michael Aiuvalasit). Abstracts of the 67th Annual Meeting, Society for American Archaeology, Denver, CO, 216. 2003 Gardens 'R Us. Abstracts. The Association of American Geographers 99th Annual Meeting, New Orleans, LA, 101. 2003 Improvement and Degradation: Floodplain Changes and Agriculture. Abstracts, Regional Geomorphology Conference Mexico 2003, Geomorphic Hazards: Towards the Prevention of Disaster, International Association of Geomorphologists, Mexico City, 56. 2003 Dynamism and Irrigation Landscapes. Flowing Through Time: Exploring Archaeology Through Humans and Their Aquatic Environment, Chacmool 2003, Department of Archaeology, University of Calgary. 2004 From the Tropics to the Desert: The Role of Water Control in the Spread of Maize Cultivation to Southwestern North America. Abstracts, Society for American Archaeology, 69th Annual Meeting, Montreal, Quebec, 215. Canal Irrigation Systems, Landscapes, and Change. Abstracts, International 2005 Water History Association, 4th Conference, Paris, France, 40. 2006 Impacts of Prehistoric Agricultural Landscapes on Changes in Stream Channels In Mexico and the Southwest. Abstracts, 2006 International Annual Meetings, American Society of Agronomy, Crop Science Society of America, Soil Science Society of America, Indianapolis, IN, 290-9. Diversity Among Spanish Era Aqueducts in Mexico. Abstracts, The Association 2007 of American Geographers 103rd Annual Meeting, San Francisco. 2008 Aqueducts of Morelos. Abstracts, The Association of American Geographers

104th Annual Meeting, Boston.

- 2008 Expanding the European Landscape: Spanish Aqueducts in Mexico. Book of Abstracts, Landscapes, Identities and Development, The Permanent European Conference for the Study of Rural Landscapes, 23rd Session, Lisbon and Óbidos.
- 2009 Northern Mists Visited. CLAG NICA 2009, Conferencia de Geógrafos Latinoamericanists, Granada, Nicaragua.
- 2009 Cartographic Chronology of Aqueduct Construction in Viceregal México. Abstract Volume, The Association of American Geographers, 2009 Annual Meeting, Las Vegas.

INPURLISHED COLLOCIUA PAPERS and INVITED I ECTIDES

UNPUBLISHED COLLOQUIA PAPERS and INVITED LECTURES			
(not listed	(not listed in Abstracts):		
1981	Huépac Revisited: The Modernization of a North Mexican Village. Southwest		
	Division of the Association of American Geographers, Austin, Texas,		
	16 October.		
1984	Agriculture and the Population of Eastern Sonora at Contact. Gran Quivira		
	Conference XIII, Salinas National Monument, New Mexico, 4 October.		
1986	Eastern Sonora, México: So Close, Yet So Far Away. Austin Chapter,		
	International Good Neighbor Council, 17 October.		
1987	Early Indians in México and Central America. Summer Geographic Institute,		
	National Geographic Society and Southwest Texas State University, 27 July.		
1987	Prehistoric and Traditional Farmers as Geomorphic Agents. Department of		
	Geography, Arizona State University, 23 October.		
1987	The Diffusion of Cattle Ranching to the Hispanic New World. The Evans Library		
	and the Department of Geography, Texas A&M University, 9 November.		
1989	Cultura, ecologia, adaptación y supervivencia. Departamento de Idiomas,		
	Universidad Autónoma de Querétaro, 4 April.		
1989	Indigenous Contribution to Aqueduct Technology, Cultural Adaptation at the		
	Edge of the Spanish Empire: A Northern View (Symposium), Benson Latin		
	American Collection, University of Texas at Austin, 14 April.		
1989	Third World Irrigators as Geomorphic Agents: Implications for the Hohokam and		
	Other Civilizations. Reconstruction of Past Landscapes, Scholar-in-Residence		
	Program, Miami University, Oxford, Ohio, 12 October.		
1989	Techniques Employed in the Reconstruction of Southwestern U.S. Landscapes.		
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- Reconstruction of Past Landscapes, Scholar-in-Residence Program, Miami University, Oxford, Ohio, 13 October.
- 1989 Traditional Agriculture, Geography, and Development in the Third World. Department of Social Sciences, University of Texas at Tyler, 9 November.
- 1990 The Route of Cabeza de Vaca West of the Río Grande. The Center for the Studyof the Southwest, Southwest Texas State University, San Marcos, 7 August.
- 1990 Prehistoric Water Control and Urbanization in the Basin of México. Department of History, University of Texas at Austin, 16 October.
- 1992 A Brief Geography of the Relationship Between the Sierra Madre Occidental and Mexico's Northwest Coast. Treasures of the Sierra Madre: A Two-Day Symposium on Ethnicity, Ecology, and Development in the Sierra Madre Occidental Chihuahua and Durango, México. Southwest Center, University of Arizona, Tucson, 25 January.

1992 Between Mexico and the United States: Land and Life in Texas. New Faculty Seminar, University of Texas at Austin, 19 August. 1992 Indigenous North American Agriculture as Seen Through Early European Eyes. The Encounter: A Quincentennial Commemoration, Student Enrichment Series Tyler Junior College, 6 October. 1992 Water Control in the Basin of México ca. 1520. Department of History. The University of Texas at Austin, 7 October. 1992 Understanding Early European Accounts of Native North American Agriculture. Department of Geography and Anthropology, Louisiana State University, 30 October. 1992 Comments on the Cultural Landscape of the Americas. After the Encounter: A Continuing Process (Symposium), National Park Service and Los Compadres de San Antonio Missions National Historical Park, San Antonio, 13 November. 1993 Late Prehistoric and Early Colonial Water Control in Central México. Department of Anthropology, University of Arizona, 7 October. 1994 Farmers, Development, and Landscape Change: A Discussion of Methodologies. Institute of Latin American Studies. The University of Texas at Austin, 14 October. 1994 The Borderlands: A Region with Either Too Many or Too Few Boundaries. National Council for Geographic Education, Lexington, KY, 4 November. 1994 Aboriginal and Spanish Irrigation in México: Technology and its Transfer. Department of Geography and Planning, Southwest Texas State University, San Marcos, TX, 18 November. 1995 The Evolution and Spread of Canal Irrigation Technology from Ancient México to the Historic Southwest, GTU/AAG Visiting Geographical Scientist Program, University of Akron, Youngstown State University, Kent State University, John Carroll University, 17-19 April. Across Time and Space: Transferring Water-Control Technology from Prehistoric 1995 México to the Historic Southwest. Department of Geography, University of Minnesota, 4 May. 1996 Irrigation Technology from Prehistoric Mesoamerica to the Historic Southwest. University of Texas Archaeological Society, 22 February. 1996 You and Me: The Southwest, Texas, and UT. Keynote address for the 40 Acres Celebration, part of the Students Helping Admissions' Recruitment Effort, The University of Texas at Austin, 30 March. 1996 Texas, the Southwest, and México: Perceptions and Understanding of Places. Workshop presentation, Texas Essential Knowledge and Skills Curriculum Development and Implementation Project (TEKSIP), Department of Geography, Texas A&M University, 11 June. 1996 Native American Agricultural Field Systems. Texas Archaeological Research Laboratory, 1 November. 1997 Merging Old and New World Aqueduct Technologies. John Carter Brown Library, Brown University, 29 January. Developing Water Control Technology: From Prehispanic Mexico to the Historic 1997 Southwest. Graduate School of Geography, Clark University, 4 February. Transferring "Spanish" Water Control Technology to Mexico: The Case of 1997 Aqueducts in Colonial Times. GTU/AAG Visiting Geographical Scientist Program, University of Kansas, Kansas State University, and Fort Hays State University, 15-19 September.

1999	Agriculture and Rural Land Use. Workshop presentation, AP Human Geography Train the Trainers Institute, Department of Geography, Texas A&M
1999	University, 21 June. Comments on Hydraulic Technologies and Agricultural Strategies. Chaco Synthesis: Ecology and Economy Conference, National Park Service, USGS Desert Laboratory, University of Arizona, Tucson, 28-30 October.
2000	Regions and Ecologies of Mexico, Central and Caribbean America. World 2000 Conference, Austin, TX, 11-12 February.
2000	Permanent vs. Shifting Cultivation in the Eastern Woodlands of North America. Symposium of Native American Cultural Ecologies: Past, Present, and Future, 50th International Congress of Americanists, Warsaw, Poland, 10-14 July.
2001	Oversimplification in Cultural Geography: The Case of Unsung Heros in Technology Transfers. Department of Geography, Oklahoma State University, 29 January.
2001	Discovering that Farmers Don't Operate According to the Academic Literature: Arroyo Irrigation in Sonora, Mexico. International Institute, Global Studies Program, Environment and Development Advanced Research Circle, University of Wisconsin at Madison, 2 February.
2001	"Invisible" Individuals as Agents of Landscape Change: Mallorcans in the Colonial New World. Department of Geography, Institute for Environmental Studies, and Latin American, Caribbean and Iberian Studies Program, University of Wisconsin, Madison, 2 February.
2001	The Mysterious Rock Grids of the Gila Valley. Environmental Sciences Institute Outreach Program, University of Texas, Austin, 20 April.
20032003	Prehistoric Water Harvesting and Irrigation in the American Southwest. Texas Archaeological Research Laboratory, University of Texas, Austin, 16 April. Spanish Cattle in Mexico and Texas. The Texas Exes Alumni College, University
2003	of Texas, Austin, 18 June.
2003	Farming in the Forest? A Reassessment of Documentary Data on Native Agriculture in Eastern North America. Department of Geography/Anthropology, University of Southern Maine, 3 October.
2004	Modeling the Early Agricultural Frontier in the Desert Borderlands (co-authored with Jonathan B. Mabry), Southwest Symposium, Chihuahua, 9 January.
2004	Short-Term Good, Long-Term Evil? A Question about Traditional Resource Management from Observations Made of Mexican Riverbanks, LLILAS Fellows, University of Texas, Austin, 6 February.
2004	Finding the Lost Spanish Missions of Central Texas. People and Place: Human Geographic Relations (a teachers' workshop), Hemispheres: The International Area Studies Consortium, University of Texas, 8 June.
2004	You Can Observe a Lot by Just Watching. Department of Geography, University of Southern Mississippi, 11 October.
2004	Traditional Farmers, Environmental Stewards? A Question from Mexican Riverbanks, GTU/AAG Visiting Geographical Scientist Program, University of Southern Mississippi, William Carey College, 11 October.
2005	Understanding Landscape Dynamics: An Exercise with Maps. The Texas State Historical Association, 109 th Annual Meeting, Fort Worth, 4 March.
2006	Deconstructing Myth, Reconstructing Reality. Tucson's Mission and Garden: Reconstructing Daily Life and Agriculture in the O'odham/Spanish Borderlands, Conference, Tucson, 23-25 March.

2006	On Fieldwork. 21 st Street Co-op, Austin, 28 March.
2006	Landscape Dynamics and Canal Irrigation. UT Anthropological Society, Austin, 17 April.
2006	Mooooving into Texas: The Origins of Open-Range Herding. Daughters of the American Revolution, Austin, 19 October.
2007	Comments on the History of the Engaruka Irrigation System in Tanzania: Interdisciplinary Approaches. African Environmental History: An International Workshop on Future Research Cooperation. Kungl. Vitterhets Historie och Antikvitets Academien, Stockholm, Sweden, 25 April.
2007	Savages, Swidden, and Scandinavians. Kulturgeografiska Institutionen, Stockholms Universitet, 27 April.
2007	Upslope and Downstream: Life in the Sierras of Northern Mexico. Department of Geography, Texas A&M University, 9 November.
2008	Trails to Texas: The Antecedents of Ranching. Department of Social Sciences, Tarleton State University, 11 April.
2008	Unseen Processes of Landscape Dynamics, Brown Day Lecture, Department of Geography, University of Minnesota, 25 April.
2008	Pyramid Builders Had to Eat. Fulbright Orientation Seminar "In the Footsteps of Maya and the Inca Peoples: The Indigenous Inheritance of Mexico and Peru," Teresa Lozano Long Institute of Latin American Studies, University of Texas, Austin, 30 June.

DOCTORAL DISSERTATIONS SUPERVISED:

DOCTOR	AL DISSERTATIONS SOI ERVISED.
1992	Dean Paul Lambert, "Changes in a Tropical Dry Forest Shifting Cultivation
	System, Guerrero, Mexico." (Associate Professor, San Antonio College)
1995	Andrew Sluyter, "Changes in the Landscape: Natives, Spaniards, and the
	Ecological Restructuration of Central Veracruz, Mexico During the Sixteenth
	Century." (Assistant Professor, Louisiana State University)
1995	Emily Harriet Young, "Elusive Edens: Linking Local Needs to Nature Protection
	in the Coastal Lagoons of Baja California Sur, Mexico." (Environmental
	Program Analyst, San Diego Foundation).
1996	Norman Denny Johns, "Brazil's Chocolate Forest: Environmental and Economic
	Roles of Conservation in Bahia's Cocoa Agroecosystem." (Water Resources
	Scientist, National Wildlife Federation, Austin)
1998	Michael David Myers, "Cultivation Ridges in Theory and Practice: Cultural
	Ecological Insights from Ireland." (Independent Scholar)
1999	Eric Philippe Perramond, "Desert Meadows: The Cultural, Political, and
	Ecological Dynamics of Private Cattle Ranching in Sonora, Mexico."
	(Assistant Professor, Colorado College)
1999	Philip Lawrence Crossley, "Sub-irrigation and Temperature Amelioration in
	Chinampa Agriculture." (Associate Professor, Western State College of
	Colorado)
2000	Claudia Lea Oakes, "History and Consequence of Keystone Mammal Eradication
	in the Desert Grasslands: The Arizona Black-tailed Prairie Dog (Cynomys
	ludovicianus arizonensis)", co-supervised with Robin W. Doughty. (Ecologist,
	SWCA, Albuquerque).
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2002	Michael David Pool, "Prehistoric Mogollon Agriculture in the Mimbres River
	Valley, Southwestern New Mexico: A Crop Simulation and GIS Approach,"
	Anthropology, co-supervised with James A. Neely (Lecturer, Austin
	Community College)
2002	Bella Bychkova Jordan, "A Geographical Perspective on Ethnogenesis: The Case
	of the Sakha Republic (Yakutia)," co-supervised with Robert K. Holz
	(Lecturer, University of Texas).
2003	Jerry Owen Bass Jr., "More Trees in the Tropics: Repeat Photography and
	Landscape Change in Honduras, 1957-2001," (Assistant Professor, University
	of Southern Mississippi)
2003	Maria Grace Fadiman, "Fibers from the Forest: Mestizo, Afro-Ecuadorian, and
	Chachi Ethnobotany of Piquiqua (Heteropsis ecuadorensis, Araceae) and
	Mocora (Astrocaryum stanleyanum, Arecaceae) in Northwestern Ecuador,"
	co-supervised with Francisco L. Perez (Assistant Professor, Florida Atlantic
	University).
2005	William Stuart Kirkham, "Valuing Invasives: Understanding the Merremia
	Peltata Invasion in Post-Colonial Samoa," co-supervised with Gregory W.
	Knapp (Visiting Assistant Professor, California State University-Stanislaus).
2008	Matthew Joseph Fry, "Construction Materials and Landscape Change: Blocks,
	Pits, and Aggregates in Central Veracruz, Mexico," (Post-Doc, Department of
	Anthropology, Washington University in St. Louis).

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