

# JOEL D. GUNN, PH.D.

## Curriculum Vitae

### EDUCATION

1974, Ph.D., Anthropology, University of Pittsburgh  
1971, M.A., Anthropology, University of Kansas  
1968, B.A., History, University of Kansas

### ADDRESS

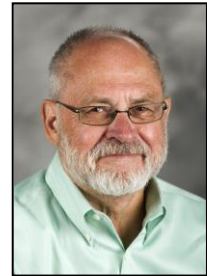
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### AREAS OF SPECIALIZATION and RESEARCH INTERESTS

Global Climate Change Impacts on Local Cultures and Hydrology, Sustainability in Maya Lowlands  
Regional Landscape Studies, Numerical and Lithic Analysis, Complex Systems Theory

### SUMMARY OF EXPERIENCE

Dr. Gunn is a professional anthropologist with 35 years of postgraduate experience in the field. His background includes teaching at major universities, administration, pure research, and applied anthropology/archaeology. His field experience encompasses cultures in the southeastern United States, Mesoamerica, Southern Europe and Cyprus. Dr. Gunn's areas of emphasis include global climate change as it affects local cultures, ecologies, and landscapes. He is especially interested in complex systems modeling of cultural change processes. He has published numerous books, articles, chapters, and reports on cultural change. Dr. Gunn has undertaken the study of modern global climate not only as an adjunct study to support anthropological investigations of local environments. Taking a long term perspective on modern problems, he is applying knowledge of current and past climates to the future of global environmental policy, especially as relates to sustainability issues.



### EMPLOYMENT HISTORY

2005-Present, Lecturer, Department of Anthropology, University of North Carolina, Greensboro  
2004-2005, Adjunct Faculty, Department of Sociology/Anthropology, North Carolina State University, Raleigh, NC  
2001-2004 Senior Archaeologist, New South Associates, Inc., Mebane, NC  
2000-2004, Adjunct Faculty, Randolph Community College, Asheboro, NC  
1992-2000 Adjunct Faculty, University of North Carolina, Department of Anthropology  
1991-1998 Senior Scientist, TRC Environmental, Inc., Chapel Hill, NC  
1989-Present, Associated Researcher, Centro de Investigaciones Historicas y Sociales, Autonomous University of Campeche, Mexico  
1989-1991 Office Manager, Brockington and Associates, Inc., Chapel Hill, NC  
1987-1988 Visiting Professor, Duke University, Department of Anthropology, Durham, NC  
1983-1986 Graduate Advisor of Record, University of Texas-San Antonio Anthropology program  
1975-1989 Associate Professor, University of Texas-San Antonio, Division of Social Sciences  
1975 Visiting Assistant Professor, University of Texas-Austin, Department of Anthropology, Austin, TX  
1974 Instructor, Carnegie-Mellon University, Department of Urban and Political Affairs, Pittsburgh, PA  
1973-1974 Teaching Assistant, University of Pittsburgh, Department of Anthropology, Pittsburgh, PA

## **PROFESSIONAL ORGANIZATIONS and AFFILIATIONS**

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American Anthropological Association (Humans and the Environment Interest Group)  
Sigma Xi  
Society for American Archaeology  
North Carolina Archaeological Society

Society of Professional Archaeologists  
North Carolina Association of Archaeologists  
Plains Anthropological Society

## **INVITED PRESENTATIONS and EDITORSHIPS**

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Factor Analysis as an Avenue to Complex Systems Understanding. (with William J. Folan) Invited Presentation at the IHOPE-Maya Combined Workshop with IHOPE-Southwest, 14-16 January 2010, ASU School of Human Evolution and Social Change, Arizona State University, Tempe, Arizona.

EROI (Energy Return on Investment) review and IHOPE-Maya participation at the NCEAS (Nat'l Cntr Ecol Analysis and Synthesis) meeting in September (with Vern Scarborough). Invited Presentation at the IHOPE-Maya Combined Workshop with IHOPE-Southwest, 14-16 January 2010, ASU School of Human Evolution and Social Change, Arizona State University, Tempe, Arizona.

Explaining Calakmul Sustainability: Inner Links in the Energy System of the Calakmul Regional State (with William J. Folan, Rosario Domínguez-Carasco, and Frank Miller), La Cultural Maya Conference IXX, Autonomous University of Campeche, Mexico, 10 November 2009, invited presentation, keynote lecture with reception of Lifetime Achievement Award for work in Maya Archaeology.

NCEAS 2 - IHOPE, State of Case Studies (with Hegmon and Scarborough), 23-26 September, 2009, NCEAS (Nat'l Cntr Ecol Analysis and Synthesis), Santa Barbara, CA.

Did the Maya of the NW Lowlands Practice Sustainable Agriculture and Water Control? (with William J. Folan) Invited presentation at the Seminar on IHOPE-Maya: Tropical Sustainability from an Ancient Context, School for Advanced Research on the Human Experience, Santa Fe, New Mexico, January 15-17, 2009.

El Maya y El Mar. La Cultural Maya Conference XVIII, Autonomous University of Campeche, Mexico, November, 2008, invited presentation.

A Layered, Regional Approach to the Episodic Urbanism Model. Human Ecology Department, Mérida Campus (Yucatán), Center for Advanced Studies, National Research Center (Centro de Investigación de Estudios Avanzados del I.P.N., CINVESTAV), 7 July 2004, invited presentation.

Newsletter Editor, International Union of Anthropological and Ethnological Sciences, Commission on the Human Dimensions of Global Change, Fall 1998.

A Hydrological Response Surface for the Southwestern Maya Lowlands. Campechano Conference, Autonomous University of Campeche, Mexico, 1995 invited presentation.

Woodlands Workshop on Global Climate in Prehistory and History, US Forest Service and Rice University Center for Cultural Studies, 1995, Houston.

Global Climate—Human Life: The Physical Contexts of Historical Ecology, Special Editor, March 1994 issue of *Human Ecology*.

International Assoc. of Ethnological and Archaeological Sciences, Global Climate and Episodic Urbanization, Maya Lowlands, 1993, Mexico City, invited presentation.

School of American Research Fellow, Historical Ecology and Global Change Seminar, November 1991, Santa Fe.

Global Change Impacts on Watersheds in Burgundy, France, The Netherlands Ministry of the Environment, Conference on Landscape Impacts of Global Climate Change, December 1989, Eutrecht, invited presentation.

Global Climate Change and Burgundian Hydrology. Lecture to the US Environmental Protection Agency, Corvallis Labs, 1987.

Global Climate Change and Culture Change. Invited symposium organized for the 1986 American Anthropological Association Conference, Washington, D.C.

## **PROFESSIONAL REGISTRATIONS, SPECIALIZED TRAINING and GRANTS**

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See REPORTS section for several million dollars worth of sponsored research from 1976-Present  
2009 Lilly Conference attendance grant, UNCG

1997 Section 106 Seminar, President's Council on Historic Preservation  
1993 Member, Society of Professional Archaeologists  
1987 Faculty Research Grants at UTSA on Global Climate Problems  
1986 Fort Bergwin Tree Ring Seminar, Taos, New Mexico, Sponsored by SMU  
1977 Paker Foundation Grant to study Climate Change in Central Texas  
1972 Don Crabtree Flint Knapping Field School, NSF Fellow

## **PUBLICATIONS IN PRESS AND PREPARATION (Selected)**

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- Folan, William J., Abel Morales L., Raymundo González H., Ma. del Rosario Domínguez C., Armando Anaya H., Joel D. Gunn, J. Kathryn Josserrand 2006 El Estado Regional de Calakmul, Campeche, México: Descubrimientos recientes. Sevilla, España. In press, in a volume edited by A. Benavides C. del INAH and Ernesto Vargas P. de UNAM.
- Folan, William J., Joel D. Gunn 2006 Herman Konrad: Maya Paleoclimatologist. Ms. Submitted to the Caribe Revista, University of Quintana Roo, México.
- 2012 María del Rosario Domínguez, William J. Folan, Gary Gates, Raymundo González Heredia, Joel D. Gunn, Abel Morales López y Beniamino Volta 2012 Oxpemul, su Altiplanicie Kárstica Ondulada-Calakmul y su Cuenca: El Preclásico. Guatemala, in press.

## **PUBLICATIONS**

(Keyword codes in parenthesis after citations: 1 cultural anthropology, 2 archaeology, 3 history, 4 physical anthropology, 5 ecology, 6 climate, 7 hydrology, 8 education. If linked, click to bring up .pdf file of article.)

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- 2013 (with William J. Folan, Ma. del Rosario Domínguez C., Abel Morales L., Raymundo González H., Gerardo Villanueva García, Nuría Torrescano Valle. 2012 Calakmul: Power, Persistence and Persistence (Calakmul Poder, Perseverancia Y Persistencia) In *Afinidades Biológicas Y Dinámicas Poblacionales Entre Los Antiguos Mayas. Una Visión Multidisciplinaria*, edited by Andrea Cucina, Universidad Autónoma de Yucatán, Mérida, Yucatán, México, pp187-212.. [\(2\)](#)
- 2013 (with William J. Folan, Joseph M. Herbert) Dangerous Regions: A Source of Cascading Cultural Changes. In *Comparative Archaeology and Paleoclimatology: Socio-cultural responses to a changing world*, edited by Maximilian O. Baldia, Timothy K. Pertulla, Douglas S. Frink, BAR International Series 2456, Archaeopress, Oxford. [\(6\)](#)
- 2012 (Nuria Torrescano Valle, William J. Folan) Historia Climática Y Ambiental Del Rio Candelaria, Laguna Panlao: 4,000 Anos Antes de Cristo. In *Arqueología de la costa de Campeche: La Epoca Prehispanica*, edited by Rafael Cobos, Ediciones de la Universidad Autónoma de Yucatan, Merida, Yucatan, Mexico, pp 49-63. [\(6\)](#)
- 2012 (with William J. Folan, John W. Day, Jr., and Betty B. Faust) Laguna de Terminos/Rio Candelaria Delta Core: Conditions of Sustainable Urban Occupation in the Interior of the Yucatan Peninsula. *Estudios de Cultura Maya XXXIX:67-97*, ISSN 0185-2574, Universidad Nacional Autónoma de México (UNAM). [\(5,7\)](#)
- 2012 (with John W. Day, Jr., William J. Folan, Alejandro Yáñez-Arancibia and Benjamin P. Horton) The Influence of Enhanced Post-Glacial Coastal Margin Productivity on the Emergence of Complex Societies. *Journal of Island and Coastal Archaeology* 7:23-52. [\(2, 5\)](#)
- 2011 (with Lisa J. Lucero and Vernon L. Scarborough) Climate Change and Classic Maya Water Management. Special Issue, "Managing Water Resources and Development in a Changing Climate" *Water* 3(2):479-494; doi:10.3390/w3020479 - published online 1 April 2011. [\(7\)](#)
- 2011 (with William J. Folan, María del Rosario Domínguez Carrasco, y W. Frank Miller) Explicando la Sustentabilidad de Calakmul, Campeche: Eslabones Interiores en el Sistema de Energía del Estado Regional de Calakmul, Campeche. In *Los Investigadores de la Cultura Maya*, pp. 13-41. vol. XVIII. 2 vols. Universidad Autónoma de Campeche, Campeche. [\(6\)](#)
- 2010 (with Folan, William, Ma. del Rosario Domínguez C., Raymundo González H., Abel Morales L., José Paredes Gomez, Irene Pastrana Pleitos, Ciriaco Requina Sandoval, Hubert Robichaux, Lynda Florey Folan, Nuria Torrescano Valle, Gerardo Claderon Magallon) Oxpemul, Campeche; México: De ciudad tributaria a ciudad/estado en el peten campechano con la salida de las kanes (chanes) y la subida de la dinastía del trono

- de piedra. Encuentro Internacional, Los Investigadores de La Cultura Maya, Vol IXX, Tomo II, Memorias UAC, Campeche.
- 2008 (with William J. Folan, Laraine A. Fletcher, Jacinto May Hau, Abel Morales L., Ma. del Rosario Domínguez C., Raymundo González H., Vera Tiesler B). Calakmul, Campeche, México: Patterns Representative of its Urban Capital and Regional State. In *Urbanism in MesoAmerica*. Edited by Alba Mastache, Robert Cobean, Angel Garcia Cook, and Kenneth Hirth. Volume 2, Department of Anthropology, Pennsylvania State University, University Park and Instituto Nacional de Antropología e Historia, Mexico City.
- 2008 (with William J. Folan, John W Day, Jr., and Betty B. Faust) Las Condiciones de Ocupacion Urbana Sustentable en el Interior de La Peninsula de Yucatan. In *Los Investigadores de la Cultura Maya*, pp. 291-301. vol. XVI. II vols. Universidad Autonoma de Campeche, Campeche. [\(6\)](#)
- 2008 (with William J. Folan, John W Day, Jr., and Betty B. Faust) Las Condiciones de Ocupacion Urbana Sustentable en el Interior de La Peninsula de Yucatan. *Gaceta de la UAC*, XVIII, 101, pp. 40-47, Junio del 2008, Universidad Autonoma de Campeche, Campeche. [\(6\)](#)
- 2008 (with William J. Folan, Ma. del Rosario Domínguez C., Armando Anaya H.) Calakmul, Campeche, Mexico: Development and Decline in the Northern Peten: 1000 B.C. to A.D. 1600. In *Hierarchy and Power in the History of Civilizations* edited by L. E. Grinin, D. D. Beliaev, and A. V. Korotayev, pp. 163-188. Russian Academy of Sciences, Russian State University, Volgograd Center for Social Research, Moscow. [\(2\)](#)
- 2007 (with William J. Folan, Abel Morales Lopez, Raymundo Gonzalez Heredia, Jose Antonio Hernandez Trujeque, Lynda Florey Folan, David Bolles, Ma. del Rosario Dominguez Carrasco) The Port City of Champoton (Chakan Putun), Campeche, Mexico: A Major Middle Preclassic-To-Late Postclassic Central Place on the West Coast of the Yucatan Peninsula. In *El Patrimonio Arqueologico Maya en Campeche: Novedades, Afectaciones y Soluciones*, Centro de Estudios Mayas, Cuaderno 35, edited by Ernesto Vargas and Antonio Benavides, Universidad Nacional Autonoma de Mexico, Mexico. [\(2\)](#)
- 2007 (with William J. Folan) What was the Weather Like Back Then? The Grijalva River Drainage of Highland Chiapas and Adjacent Regions. In *Archaeology, Art, and Ethnogenesis in Mesoamerican Prehistory: Papers in Honor of Gareth W. Lowe*, edited by L. S. Lowe and M. E. Pye, pp. 13-22. vol. Number Sixty-Eight, New World Archaeological Foundation, Brigham Young University, Provo, Utah. [\(7.2\)](#)
- 2007 (with John W. Day, Jr., William J. Folan, Alejandro Yáñez-Arancibia and Benjamin P. Horton) Emergence of Complex Societies After Sea Level Stabilized. *EOS Transaction, American Geophysical Union* 88(15):169-170. [\(2\)](#)
- 2005 (with William J. Folan, Iván Sprajc, Raymundo González Heredia, Hubert R. Robichaux, María del Rosario Domínguez Carrasco, Abel Morales López, Candace Prueett) Las Ruinas de Oxpemul, Campeche, México: Una Corte Real fortificada en la Frontera Norte entre el Estado Regional de Calakmul y el Río Bec. *Los Investigadores de la Cultura Maya* 13, Tomo II: 475-486. Campeche. La Universidad Autónoma de Campeche [\(2\)](#)
- 2005 (with Vilma Fialko and William J. Folan) Investigations in the Intersite Area Between Yaxha, Nakum and Tikal. *Los Investigadores de la Cultura Maya* 13, Tomo II: . 487-500. Campeche. La Universidad Autónoma de Campeche. [\(2\)](#)
- 2004 (with Carole L. Crumley, Elizabeth Jones, and Bailey K. Young) A Landscape Analysis of Western Europe during the Early Middle Ages. In *The Archaeology of Global Change: The Impact of Humans on their Environment*, edited by Charles L. Redman, Steven R. James, Paul R. Fish, and J. Daniel Rogers, pp. 165-185, Smithsonian Books Washington DC. [\(3,6\)](#)
- 2004 (with Geoffrey E. Braswell, María del Rosario Domínguez Carrasco, William J. Folan, Laraine A. Fletcher, Abel Morales López, and Michael D. Glascock) Defining the Terminal Classic at Calakmul, Campeche. In *The Terminal Classic in the Maya Lowlands: Collapse, Transition, and Transformation*, edited by A. Demarest, P. Rice and D. Rice, pp. 162-194, University Press of Colorado, Boulder. (2,7)
- 2003 (with Folan, W. J., Ma. Del R. Domínguez C., A. Morales, L., R. González H., A. Hernández T., L. Florey Folan, M. Coyoc R). Calakmul, Campeche: La Ciudad Prehispánica Y Estado Regional, La Reserva De La Biosfera, El Municipio Ecológico Y La Declaratoria Como Patrimonio Cultural De La Humanidad: Veintidós Años De Trabajo Científico De La Universidad Autónoma De Campeche Y Su Centro De Investigaciones Históricas Y Sociales. En *Calakmul Antología* pp. 111-126. Conaculta, Inah-Campeche, Icc.

- 2003 (with William J. Folan) Tres Ríos: Una Superficie De Impacto Climático Global Interregional Para Las Tierras Bajas De Los Mayas Del Suroeste (La Cuenca De Los Ríos Candelaria, Usumacinta Y Champotón) pp. 127-148. En *Calakmul Antología* pp. 111-126. Conaculta, Inah-Campeche, ICC.
- 2003 (with Folan, William J., Ma. del Rosario Domínguez Carrasco) Templos Triádicos, Plazas Centrales y Palacio Dinásticos: Un Análisis Diacrónico del Complejo de la Corte Real de Calakmul, Campeche, México. Vol. 16, Colección Pablo García, pp. 377-451. *Enciclopedia Histórica Campechana*. Gobierno del Estado. [\(2\)](#)
- 2003 (with William J. Folan and Hubert R. Robichaux) Urbanismo Episódico en las Tierras Bajas de los Mayas: un Modelo de Sistema Complejo para la Agricultura Modern y el Clima Antiguo. In *Naturaleza y Sociedad en el Área Maya: Pasado, Present y Futuro*, edited by Patria Colunga-GarcíaMarín y Alfonso Larqué Saavedro, Academia Mexican de Ciencia and Centro de Investigación Científica de Yucatán, pp.119-130, CICY, Merida. [\(1,2\)](#)
- 2003 (with Irwin Rovner) Horses Grazing: Point Function and Shape. *North Carolina Archaeology* 52:53-100. [\(2\)](#)
- 2002 (with Ma. del Rosario Domínguez Carrasco, William J. Folan, Abel Morales López, Raymundo González Heredia, Haejoo Chung Seu, and Lynda Florey Folan) The State of Calakmul, Campeche: It's Regional Concept. Memoria de la Tercera Mesa Redonda de Palenque, pp. 279-304. [La organización social entre los mayas prehispánicos, coloniales y modernos](#). Vera Tiesler Blos, Rafael Cobos y Merle Greene Robertson, Coordinadores Conaculta INAH, Universidad Autónoma de Yucatán.
- 2002 (with William J. Folan, Abel Morales, Rosario Domínguez, Roberto Ruíz, Lynda Florey Folan, M. Barredo, J. Hernández, D. Bolles, and R. González) La ciudad y puerto de Champotón, Campeche: Una encrucijada del Golfo de México y su corredor eco-arqueológico. *Los Investigadores de la Cultura Maya* 10, pp. 8-27. Universidad Autónoma de Campeche, SECUD.
- 2002 (with William J. Folan) Mesoamerica Prehispanica: Una nueva perspectiva global. *Los Investigadores de la Cultura Maya* 10, pp. 28-37. Universidad Autónoma de Campeche, SECUD.
- 2002 (with Ray T. Matheny and William J. Folan) Climate-Change Studies in Mesoamerica: A Diachronic Analysis. *Ancient Mesoamerica* 13:79-84. (2)
- 2002 (with John E. Foss, William J. Folan, Ma. del Rosario Domínguez Carrasco, and Betty B. Faust) Bajos Sediments and the Hydraulic System of Calakmul, Campeche, Mexico. *Ancient Mesoamerica* 13:297-315. [\(1,2\)](#)
- 2002 Steep Shore, Deadly Environment: A Case for a Cultural Anvil Along the Unembayed Atlantic Coast. *North Carolina Archaeology* 51:1-33. (2,5)
- 2001 (with William J. Folan and Ma. del Rosario Domínguez Carrasco) Triadic Temples, Central Plazas and Dynastic Palaces: A Diachronic Analysis of the Royal Court Complex, Calakmul, Campeche, Mexico. In *Royal Courts of the Ancient Maya: Volume II, Data and Case Studies*, edited by Takeshi Inomata and Stephen Houston, pp223-265, Westview Press, Boulder, Colorado. [\(1,2,3\)](#)
- 2001 (with Ma. del Rosario Domínguez Carrasco, Manuel E. Espinosa Pesqueira, Ventura Rodriguez Lugo, Demetrio Mendoza Anaya, Heajoo Chung, William J. Folan) Estudios sobre la producción cerámica en el Estado Regional de Calakmul, Campeche, México: Análisis micro estructural y cultural. [XIV Simposio de Investigaciones Arqueológicas en Guatemala](#):787-806 Guatemala. Museo Nacional de Arqueología y Etnología. Ministerio de Cultura y Deportes. Instituto de Antropología e Historia, Asociación Tikal.
- 2001 (with Ma. del Rosario Domínguez Carrasco, and William J. Folan) Lítica. En [Las Ruinas de Calakmul, Campeche, México: Un Lugar Central y su Paisaje Cultural](#): 69-74. W. J. Folan, Laraine A. Fletcher, Jacinto May Hau y Lynda Florey Folan Coordinadores y colaboradores. Campeche, Universidad Autónoma de Campeche, CIHS, SEP, FAMSI y FOMES.
- 2000 (with William J. Folan H. and Ma. del Rosario Domínguez Carrasco) “Templos triádicos, Plaza Central y Palacios dinásticos: Un análisis diacrónico del Complejo de Corte Real, Calakmul, Campeche, México”. [Los Investigadores de la Cultura Maya](#). Vol. 7, Tomo II: 234-268. Campeche. Universidad Autónoma de Campeche.
- 2000 (with William J. Folan, Betty Faust, and Wolfgang Lutz) Social and Environmental Factors in the Classic Maya Rise and Collapse. In *Population, Development, and Environment on the Yucatan Peninsula : From Ancient Maya to 2030* edited by Wolfgang Lutz, Lionel Prieto y Warren Sanderson. American Association for the Advancement of Science at IIASA, Austria, pp. 2-32, International Institute for Applied Systems Analysis, Luxenburg. [\(1,2,5,6\) \(whole volume\)](#)

- 2000 (with Lugo Ventura Rodríguez, Demetrio Mendoza Anaya, Manuel Espinosa Pesqueira, Heajoo Chung, Ma. del Rosario Domínguez Carrasco, William J. Folan) El Estado Regional de Calakmul, Campeche, México: Su evidencia material y cultural. Los Investigadores de la Cultura Maya :no. 8. Tomo II :324-336. Campeche. Universidad Autónoma de Campeche.
- 2000 *Tracing A.D. 536 and Its Aftermath: The Years Without Summer*. British Archaeological Reports 872, Oxford. (2,1)
- 2000 (with William J. Folan) Three Rivers: Subregional Variations in Earth System Impacts in the Southwestern Maya Lowlands (Candelaria, Usumacinta, and Champoton Watersheds). In *The Way the Wind Blows: Climate, History, and Human Action*, edited by R. McIntosh, J. Tainter, and S. McIntosh, pp. 263-270, Columbia University Press, New York. (2,1)
- 1999 (with Ma. del Rosario Domínguez Carrasco, William J. Folan, Abel Morales López, Roberto Ruiz Guzmán) “Hilado, Confección y Lapidación: Los quehaceres cotidianos de los artesanos de Calakmul, Campeche, México”. Memorias del XII Simposio de Arqueología Guatemalteca: 711-729. Guatemala, C.A., Ministerio de Cultura y Deportes, Instituto de Antropología e Historia.
- 1999 (with William J. Folan) Clima Actual. En: Naturaleza y Cultura en Calakmul, Campeche: 19-31. Coordinadores W. J. Folan, M. C. Sánchez González y J. M. García Ortega. Campeche. Universidad Autónoma de Campeche, Centro de Invest. Históricas y Sociales, S.E.P., PROADU.
- 1998 Gaia’s Body: Toward a Physiology of Earth, by Tyler Volk. Review, *Quarterly Review of Biology* 73:285. (5)
- 1998 (with Ma. del Rosario Domínguez Carrasco and William J. Folan) Calakmul, Campeche: Sus áreas de actividades ceremoniales, cívicas y domésticas observadas de un análisis de sus artefactos de piedra.” Los Investigadores de la Cultura Maya. Universidad Autónoma de Campeche, no. 5, tomo II:526-540.
- 1998 (with Ma. del Rosario Domínguez Carrasco and William J. Folan) La cerámica y lítica de Calakmul, Campeche, México. Un análisis contextual de las Estructuras I, II, III y VII. Memorias del XI Simposio de Arqueología Guatemalteca :605-622. Ministerio de Cultura y Deportes, Instituto de Antropología e Historia, Guatemala, C.A.
- 1997 (with Ma. del Rosario Domínguez Carrasco and William J. Folan) Interpretación de actividades líticas en la Estructura II de Calakmul y su relación con los edificios III y VII de la Plaza Central. Memorias del X Simposio de Arqueología Guatemalteca :615-632. Ministerio de Cultura y Deportes, Instituto de Antropología e Historia, Proyecto Nacional Tikal, Guatemala, C.A.
- 1997 A Framework for the Middle-Late Holocene Transition: Astronomical and Geophysical Conditions. *Southeastern Archaeology*,16:135-151. (6)
- 1997 (with María del Rosario Domínguez Carrasco and William J. Folan) La Cerámica y Lítica de Calakmul, Campeche, Mexico: Un Análisis Contextual de las Estructuras I, II, III y VII. In *XI Simposio de Investigaciones Arqueológicas en Guatemala*, edited by J. Laporte and H. Excobedo, Ministerio de Cultura y Deportes, Instituto de Antropología e Historia, Asociación Tikal, pp. 605-622, Guatemala. (2)
- 1997 (with John E. Foss) Variable Artifact Displacement and Replacement in a Holocene Eolian Feature. In *Proceedings of the Second International Conference on Pedo-Archaeology*, edited by A. Goodyear, J. Foss, and K. Sassaman, Anthropological Studies 10, Occasional Papers of the South Carolina Institute of Archaeology and Anthropology, University of South Carolina, Columbia. (2)
- 1996 (with Ma. del Rosario Domínguez Carrasco and William J. Folan) Calakmul, Campeche: Sus áreas de Actividades Ceremoniales, Cívicas y Domésticas Derivadas de sus Materiales Líticos y Cerámicos. Los Investigadores de la Cultural Maya. No. 4:80-106. Universidad Autónoma de Campeche.
- 1996 (with William J. Folan) Tres Ríos: Una Superficie de Impacto Climatológico Global Interregional para las Tierras Bajas de los Mayas del Suroeste. Los Investigadores de la Cultura Maya No. 4: 57-105. U.A.C Campeche, Campeche.
- 1996 A Framework for the Paleoindian-Early Archaic Transition. In *The Paleoindian and Early Archaic Southeast*, edited by D. Anderson, and K. Sassaman, University of Alabama Press, pp. 415-420, Tuscaloosa.
- 1995 (with William J. Folan and Hubert R. Robichaux) A Landscape Analysis of the Candelaria Watershed in Mexico: Insights into Paleoclimates Affecting Upland Horticulture in the Southern Yucatan Peninsula Semi-Karst. *Geoarchaeology* 22:3-42. (2,1,7)
- 1994 (with William J. Folan and Hubert R. Robichaux) Un análisis informativo sobre la carga del sistema del Río Candelaria en Campeche, México: Reflexiones acerca de los Paleoclimas que afectaron los antiguos sistemas Mayas. Campeche Maya Colonial, W. J. Folan coordinador: 174-197.

- 1994 Introduction: A Perspective from the Humanities—Science Boundary. *Human Ecology* 22:1-22. [\(2,5,6\)](#)
- 1994 (with Jerzy Grzymala Busse) Global Temperature Stability by Rule Induction: An Interdisciplinary Bridge. *Human Ecology* 22:59-83. (2,6,7)
- 1994 Global Climate and Regional Biocultural Diversity. In *Historical Ecology: Cultural Knowledge and Changing Landscapes*, edited by C. Crumley, School of American Research Advanced Seminar Series, pp. 67-98, School of American Research Press, Santa Fe. [\(1,2,5,6\)](#)
- 1992 (with William J. Folan) Apéndices, Datos Climáticos. Programa de Manejo de la Reserva de la Biosfera de Calakmul. 4 vols., CIHS, UAC, SEDESOL, Campeche, Campeche.
- 1992 (with William J. Folan) Clima: Programa de Manejo de la Reserva de la Biosfera de Calakmul. 4 vols., CIHS, UAC, SEDESOL, Campeche, Campeche.
- 1992 Regional Climatic Mechanisms of the Clovis Phase on the Southern Great Plains. In *Proboscidean and Paleoindian Interactions*, J. Fox, C. Smith, K. Wilkins, editors, Baylor University Press, Waco. (2)
- 1992 A Framework for the Paleoindian-Early Archaic Transition. In *Paleoindian and Early Archaic Period Research in the Lower Southeast: A South Carolina Perspective*, D. Anderson, K. Sassaman, and C. Judge, editors, Council of South Carolina Professional Archaeologists and the Savannah River Archaeological Research Program, Columbia. (2,6)
- 1992 (John E. Foss) Copperhead Hollow (38CT58): Middle Holocene Upland Conditions on the Piedmont-Coastal Plain Margin. *South Carolina Antiquity* 24:1-17. [\(2\)](#)
- 1991 Influences of Various Forcing Variables on Global Energy Balance During the Period of Intensive Instrumental Observation (1953-1987) and Their Implications for Paleoclimate. *Climatic Change* 19:393-420. [\(6\)](#)
- 1991 (with C. Crumley) Global Energy Balance and Regional Hydrology: A Burgundian Case Study. Landscape Ecological Impacts of Global Climatic Change. *Earth Surface Processes and Landforms* 16(7):579-592. [\(6,7,2,1\)](#)
- 1988 (with R. Tringham, A. McPherron and G. Odell) The Flaked Stone Industry from Divostin and Banja. In *Divostin and the Neolithic of Central Serbia*, edited by A. McPherron, pp. 203-253. The University of Pittsburgh Ethnology Monographs 10. (2)
- 1988 (with A. McPherron) Quantitative Analysis of Excavated Materials at Divostin. In *Divostin and the Neolithic of Central Serbia*, edited by A. McPherron, pp. 359-377, The University of Pittsburgh Ethnology Monographs 10. (2)
- 1987 The Scientific Interaction Model as a Metaphor for Classroom Teaching. In *Teaching Effectively*, edited by H. Aristar-Dry, G. Cook and M. Martinello. The University of Texas-San Antonio. [\(8\)](#)
- 1987 The Redford Diaries. Distributed by J. Gunn. (3)
- 1987 (with C. Crumley) *Prospections dans le Haute-Morvan: Rapport Annuel de l'Equipe Americaine*. Submitted to the Base Archaeologic de Mont Beuvray en Glux, France. (2)
- 1986 Fort Burgwin Tree-Ring Seminar. The University of Texas- San Antonio Center for Archaeological Research *Friends of Archaeology Newsletter* 3. (6)
- 1986 An Experimental Tree-Ring Dating of a Possible Spanish Colonial Building in the Proposed Applewhite Reservoir Area. In *Chipped Stone and Adobe: A Cultural Resources Assessment of the Proposed Applewhite Reservoir, Southwest Bexar County, Texas*, edited by A. McGraw and K. Hindes. The University of Texas-San Antonio Center for Archaeological Research Archaeological Survey Report 163. (2)
- 1986 (with J. Adovasio) The Antelope House Basketry Industry. In *Archaeological Investigations at Antelope House*, edited by D. Morris. U.S. Department of Interior, National Park Service, Washington, D.C. (2)
- 1983 The San Antonio Missions Landscape Study in Retrospect. Annual Semana de las Misiones Research Seminar Report. San Antonio Missions National Historical Park, San Antonio, Texas. (3)
- 1983 (with W. Folan, J. Eaton and R. Patch) La Prehistoria e Historia de los Mayas, desde el Punto de Vista de Su Paleoclimatologica, Politica y Organizacion Soioeconomica. *Revista Mexicana de Estudios Antropologicos* XXXIX:a. [\(2,3\)](#)
- 1983 (with J. Guy) *Settlement Pattern Hypothesis for West Central Louisiana*. Center For Archaeological Research, The University of Texas at San Antonio. [\(2\)](#)
- 1983 (with J. Adovasio, J. Donahue, Cushman, R. Carlisle, R. Stuckenrath and Johnson) Evidence from Meadowcroft Rockshelter. In *Early Man in the New World*, edited by R. Shutler Jr., pp. 163-190, Sage Publications. (2)

- 1983 (with W. Folan, J. Eaton and R. Patch) Paleoclimatological Patterning in Southern Mesoamerica. *Journal of Field Archaeology* 10. (2,3)
- 1982 Paleogeographical and Related Research on the San Antonio Missions Landscape. In *The San Antonio Missions National Historical Park: A Commitment to Research*, edited by G. Cruz. San Antonio Mission National Historical Park, San Antonio, Texas. [\(3\)](#)
- 1981 *Seasonal Dynamics Model of Climate Change for the Northern Gulf Coast*. Environmental and Cultural Services, Inc., San Antonio, Texas. (6)
- 1981 (with R.E.W. Adams) Climate Change, Culture, and Civilization in North America. *World Archaeology* 13(1). (2)
- 1980 (with J. Adovasio, J. Donahue, R. Stuckenrath, J. Guilday and K. Lord) Meadowcroft Rockshelter-Retrospective 1977: Part II. *North American Archaeologist* 1(2). (2)
- 1979 Occupational Frequency Simulation on a Broad Ecotone. In *Transformations: A Mathematical Approach to Culture Change*, edited by C. Renfrew and K. Cooke. Academic Press, New York. [\(2,6\)](#)
- 1979 (with J. Adovasio, J. Donahue, R. Stuckenrath, J. Guilday and K. Lord) Meadowcroft Rockshelter-Retrospective 1977: Part I. *North American Archaeologist* 1(1). (2)
- 1979 (edited with R. Mahula) Impact: The Effect of Climatic Change on Modern and Prehistoric Cultures in Texas. University of Texas- San Antonio Center for Archaeological Research Special Publication. (2,6)
- 1979 (assembler) Impact of Climatic Change, Working Papers. University of Texas--San Antonio Center for Archaeological Research. (6)
- 1978 Troubled Times: Cultures Astride Shifting Climates and Sliding Resources. In *Papers in Applied Anthropology*, edited by J. Gunn, Center for Archaeological Research, The University of Texas-San Antonio. (1)
- 1978 (with L. Scruggs and N. Hitzfelder) The Hitzfelder Bone Collection. *La Tierra* 5(2)//. (4)
- 1978 (with J. Adovasio, J. Donahue, R. Stuckenrath, J. Guilday and K. Lord) Excavations at Meadowcroft Rockshelter: 1973-1977. In *Early Man in the New World*, edited by R. Humphrey. Anthropological Society of Washington. (2)
- 1978 (with J. Adovasio, J. Donahue, R. Stuckenrath, J. Guilday and K. Lord) Meadowcroft Rockshelter. In *Early Man in the new World from a CircumPacific Perspective*, edited by A. Bryan, pp. 140-180. University of Alberta Department of Anthropology, Edmonton. (2)
- 1978 (with J. Adovasio, J. Donahue, R. Stuckenrath, and P. Storck) *A Guidebook for the 1978 Geological Society of America Field Trip*. Geological Society of America. (2)
- 1978 (with J. Adovasio, J. Donahue and R. Stuckenrath) Meadowcroft Rockshelter 1977: An Overview. *American Antiquity* 43(4). (2)
- 1978 (editor) *Papers in Applied Anthropology*. The University of Texas- San Antonio Center for Archaeological Research Non-Serial Publications 4. (1)
- 1977 Idiosyncratic Chipping Style as a Demographic Indicator: A Proposed Application to the South Hills Region of Southeastern Idaho and Northern Utah. In *The Individual in Prehistory*, edited by J. Hill and J. Gunn. Academic Press, New York. (2,1)
- 1977 (with R. Carlisle) Idiosyncratic Behavior in the Manufacture of Hand Wrought Nails. In *Research Strategies in Historical Archaeology*, edited by Stanley South. Academic Press, New York. (2,1)
- 1977 (with J. Adovasio, J. Donahue and R. Stuckenrath) Meadowcroft Rockshelter: A 16,000 Year Chronicle. In *Amerinds and Their Paleoenvironments in Northeastern North America*, edited by W. Newmand and B. Salwen. *Annals of the New York Academy of Science* 288:137-159. (2)
- 1977 (with J. Adovasio, J. Donahue and R. Stuckenrath) Meadowcroft Rockshelter: Retrospect 1976. *Pennsylvania Archaeologist* 47(2-3). (2)
- 1977 (with J. Adovasio) Style, Basketry and Basketmakers. In *The Individual in Prehistory*, edited by J. Hill and J. Gunn, Academic Press, New York. (2)
- 1977 (edited with J. Hill) *The Individual in Prehistory*. Academic Press, New York. (2,1)
- 1976 The Sollberger Distribution: Analysis and Application of a Tool Reduction Sequence. *La Tierra* 3(4). (2,1)
- 1976 (with J. Adovasio, G. Fry and R. Maslowski) *Prehistoric and Historic Settlement Patterns of Western Cyprus*. Reports of the Cyprus Museum. (2)
- 1976 (with F. Weir) Tool Kit Hypotheses: A Case of Numerical Induction. *Lithic Technology* V(3). (2)
- 1975 *The Hogup System: A Causal Analysis of Prehistoric Envirotechnical Interaction in the Desert West*. Ph.D. dissertation, Department of Anthropology, University of Pittsburgh. [\(2,5\)](#)



- 1975 Idiosyncratic Behavior in Chipping Style: Some Hypotheses and Preliminary Analysis. In *Lithic Technology: Making and Using Stone Tools*, edited by Earl Swanson. Mouton, London. (2,1)
- 1975 Dynamic Typology: A Model for Functional Classification of Prehistoric Stone Tools with an Application to French Paleolithic Burins. *Newsletter of Lithic Technology* IV(3). (2)
- 1975 An Envirotechnological System for Hogup Cave. *American Antiquity* 40(1). (2,6)
- 1975 (with J. Adovasio, J. Donahue and R. Stuckenrath) Excavations at Meadowcroft Rock Shelter, 1973-1974: A Progress Report. *Pennsylvania Archaeologist* 45(3)://. (2)
- 1975 (with J. Adovasio, G. Fry and R. Maslowski) Prehistoric and Historic Settlement Patterns of Western Cyprus with a Discussion of Cypriote Neolithic Stone Tool Technology. *National Geographic Society Research Reports*. (2)
- 1975 (with J. Adovasio, G. Fry and R. Maslowski) Prehistoric and Historic Settlement Patterns of Western Cyprus with a Discussion of Cypriote Neolithic Stone Tool Technology. *World Archaeology* 16(3). (2)
- 1975 (with J. Adovasio) Basketry and Basketmakers at Antelope House. *Kiva* 41(1). (2)
- 1975 (with Elton R. Prewitt) Automatic Classification: West Texas Projectile Points. *Plains Anthropologist* 20-68. (2)
- 1975 (with D. White, M. Burton and L. Brudner) *Implicational Structures in the Sexual Division of Labor*. University of California-Irvine School of Social Sciences Social Sciences Working Paper 83. (1)
- 1974 (with James M. Adovasio) Prehistoric North American Basketry. *Nevada State Museum Anthropological Papers*. (2)
- 1971 *Research in Theory and Method of Functional Classification for Paleolithic Burins*. M.A. Thesis, Department of Anthropology, University of Kansas, Lawrence. (2)
- 1970 Use of Computers in Mapping Archaeological Data. *Plains Anthropologist* 15-49:219-228. (2)

## COMPUTER SKILLS

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Operating Systems: PC, Macintosh  
 Programs: Microsoft Word, Excel, PowerPoint, FrontPage, Corel Draw/Paint, Photoshop, Surfer, Appleworks, Lotus 1-2-3, SPSS, SYSTAT  
 Programming: PERL, BASIC, Pascal, FORTRAN  
 Statistical Analysis and Modeling

## REPORTS

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- 2003 (with Erica E. Sanborn and Lawrence E. Abbott) *Deposition and Distribution at Horses Grazing: Phase III Data Recovery at 31MR205, Moore County, North Carolina*. Prepared by New South Associates, Inc., Stone Mountain Georgia. Report submitted to North Carolina Department of Transportation, Archaeology Section, Raleigh.
- 2003 (with Erica Sanborn, Jennifer Langdale, Sean Norris) *Phase I Survey of 1,344 Acres at Military Ocean Terminal Sunny Point, Brunswick, North Carolina*. Report submitted to: U.S Army Corps of Engineers, Savannah District • 100 West Oglethorpe Avenue • Savannah, Georgia 31402. Report prepared by New South Associates, 6150 East Ponce de Leon Avenue, Stone Mountain, Georgia 30083.
- 2002 (with Erica Sanborn) *Dimensions of Fall Line Site Function: Survey and Testing the West Fayetteville, North Carolina Outer Loop*. New South Associates, Inc., Mebane, North Carolina, submitted to the North Carolina Department of Transportation, Raleigh.
- 1999 (with David S. Leigh, Irwin Rovner, Bruce Idol, Tracy Millis, John Byrd, and Linda Kennedy) *Red Hawk Run: Archaeological Excavation of Three Early Woodland Sites at Wakefield Plantation and School Site, Wake County, North Carolina*, TRC, Inc., Chapel Hill, North Carolina, submitted to Wakefield Plantation Developers and Wake County School Board, Raleigh. (2)
- 1998 (with W. Stanyard) *Neuse Levee: Excavation of an Archaic and Woodland Site in the Neuse Fall Line Region, Wake County, North Carolina*. TRC, Inc., Chapel Hill, North Carolina, submitted to the North Carolina Department of Transportation, Raleigh.
- 1998 (Jeffrey L. Holland) Landscape Modeling of Archaeological Settlement Patterns to Evaluate Potential Site Locations: Phase I Survey of Eight Areas along the U.S. 301 Corridor in Prince Georges and Charles

- Counties, Maryland. TRC Garrow Associates, Inc., Raleigh, submitted to Maryland State Highway Administration, Baltimore.
- 1998 (with William Stanyard, Jeffrey L. Holland, Heather Millis, Paul Webb, Bruce Idol and Molly Kerr) *Phase II Archaeological Investigations at Twelve Sites along the US 113 Corridor, Worcester County Maryland*. TRC, Inc., Chapel Hill, North Carolina, submitted to Maryland State Highway Administration, Baltimore.
- 1997 (with Bruce Idol and Thomas G. Lilly, Jr.) *Archaeological Survey and Testing of the Wakefield Plantation School Site, Wake County, North Carolina*. TRC Garrow Associates, Inc., Chapel Hill, submitted Wake County School Building Program, Raleigh.
- 1997 (with Thomas G. Lilly, Jr.) *Archaeological Survey and Testing of 21 Impact Areas at Wakefield Plantation, Wake County, North Carolina*. TRC Garrow Associates, Inc., Chapel Hill, submitted to Wakefield Development Limited Liability Corporation, Landover, Maryland.
- 1996 (with Peter Betz) *Phase I Archaeological Investigations of the Wayne County Lined Landfill, North Carolina*. Garrow & Associates, Inc., Raleigh, submitted to Municipal Engineering Services Company, Inc., Garner, NC.
- 1996 (with Jeffrey L. Holland) *Site-Soils Modeling of Archaeological Settlement Patterns to Evaluate Potential Site Locations: Phase I Survey of Eight Areas along the U.S. 301 Corridor in Prince Georges and Charles Counties, Maryland*. Garrow & Associates, Inc., Raleigh, submitted to Maryland State Highway Administration, Baltimore.
- 1996 (with Heather Millis) *Phase II Testing of Seven Sites in the Proposed Dauphin Meadows Sanitary Landfill, Western Expansion, Upper Paxton Township, Dauphin County, Pennsylvania*. Garrow & Associates, Inc., Raleigh. Submitted to the Chambers Development Co., Inc., Pittsburgh, Pennsylvania.
- 1995 *Phase IB Identification Survey, Hopkins Wetland Mitigation, Prince Georges County, Maryland*. Garrow & Associates, Inc., Raleigh, submitted to Maryland State Highway Administration, Baltimore.
- 1995 *Phase Ib Identification Survey, District 3 Maintenance Facility at Fairland, Montgomery County Maryland*. Garrow & Associates, Inc., Raleigh, submitted to Maryland State Highway Administration, Baltimore.
- 1995 *Phase I Cultural Resources Survey of a Proposed Surry County Landfill, North Carolina*. Garrow & Associates, Inc., Raleigh, submitted to Municipal Engineering Services Company, Inc., Garner, NC. (2)
- 1995 *Archaeological Phase I Survey of the Charles City County Landfill Railroad Spur, Charles City County, Virginia*. Garrow & Associates, Inc., Raleigh, submitted to Chambers Development of Virginia, Inc., Charles City.
- 1995 (with T.G. Lilly, C. Clausen, and J. Byrd, A. Shea) *Archaeological Data Recovery Investigations at Osprey Marsh (Site 38BU921) on the Cross Island Expressway, Hilton Head Island, Beaufort County, South Carolina*. Submitted to South Carolina Department of Transportation. (2)
- 1995 (with Jeffrey L. Holland, Kathy J. Wilson, and Anna Dyer Quinn) *Phase I/II Archaeology, Site W - U.S. Naval Surface Warfare Center, Prince Georges County, Maryland*. Garrow & Associates, Inc., Raleigh, submitted to Baltimore District U.S. Corps of Engineers, Baltimore.
- 1994 Phase I Archaeological Investigations of the Avery County C&D Landfill, Avery County, North Carolina. Garrow & Associates, Inc., Raleigh, submitted to Municipal Engineering Services, Inc., Garner, NC.
- 1994 (with Anna Dyer) Phase I Cultural Resources Survey of the Proposed Meadowmont Development, Orange and Durham Counties, North Carolina. Garrow & Associates, Inc., Raleigh, submitted to East West Partners Management Company, Inc., Chapel Hill, NC.
- 1994 *Historical Character of the Lower Shenandoah Valley: Clarke County Archaeological Assessment*. Garrow & Associates, Inc., Raleigh. Submitted to Clarke County Historic Preservation Commission, Berryville VA 22611. (2, 3)
- 1993 (with Patrick H. Garrow) *Two Winds—Two Arrows: The Significance of Archaeological Findings on the Jefferson Bypass*. Submitted to South Carolina Department of Highways and Public Transportation.
- 1993 (with K. J. Wilson) *Archaeological Data Recovery Investigations at Sites 38CT54 and 38CT58 Along the S.C. 151 Jefferson Bypass, Chesterfield County, South Carolina*. Submitted to South Carolina Department of Highways and Public Transportation.
- 1993 (with Daniel F. Cassidy, Paul A. Webb, M. Ruth Little, Kathy J. Wilson, and Thomas G. Lilly) *Randleman Reservoir Cultural Resources Inventory Plan*. Garrow & Associates, Inc., Raleigh. Submitted to Piedmont Triad Regional Water Authority, Greensboro.

- 1992 *Phase II Archaeological Investigations of the Sellers Site (31CY42), Chatuge Dam Infusion Weir, Clay County, North Carolina*. Submitted to the Tennessee Valley Authority, Cultural Resources Program, Norris, Tennessee.
- 1992 (with K. J. Wilson) *Phase I Archaeological Reconnaissance of the James Island K-Mart, Charleston County, South Carolina*. Submitted to G. Robert George & Associates, Inc., Charleston, South Carolina.
- 1992 (with K. J. Wilson) *Phase I Archaeological Investigations of the Anson County Regional Landfill, Anson County, North Carolina*. Submitted to Chambers of North Carolina, Inc., Smyrna, Georgia. (2)
- 1992 (with K. J. Wilson) *An Archaeological Reconnaissance Survey of the Sampson County Landfill Expansion, Sampson County, North Carolina: The Northern Properties*. Submitted to S&ME, Inc., Charlotte, North Carolina.
- 1991 *Phase II Archaeological Investigations of Site 38DR74 in the Proposed Drain Field of the Oakridge Landfill, Dorchester County, South Carolina*. Submitted to Chambers of South Carolina, Inc., Columbia, South Carolina.
- 1991 *Phase II Archaeological Investigations of Site 38DR73 at the Oakridge Landfill, Dorchester County, South Carolina*. Submitted to Chambers Oakridge Landfill, Smyrna, Georgia.
- 1991 (with M. D. Robert, B. Lucas, C. J. Poplin, and E. C. Poplin) *Historical and Archaeological Survey and Historical Properties Management Plan for W. Kerr Scott Reservoir, Wilkes County, North Carolina*. Submitted to the U.S. Army Corps of Engineers, Wilmington District.
- 1991 (with L. Abbott and J. Hendrickson) *The Richard Henderson Home: Archaeological Data Recovery at Satterwhite Point (31VN102), Vance County, North Carolina*. Brockington and Associates, Chapel Hill, NC, prepared for the U.S. Army Corps of Engineers Wilmington District. (2)
- 1991 (with J. Holland) *Phase I Archaeological Reconnaissance of the Henry County Landfill, Henry County, Virginia*. Submitted to Chambers Development Company, Inc., Smyrna, Georgia.
- 1990 *The Effect of Global Climatic Change on the Middle Pecos Region of New Mexico and Texas*. Brockington and Associates, Inc., Global Impact Report No. 1, prepared for Paul and Susana Katz, PRIAM, Kampsville IL 62053.
- 1990 (with C. Espenshade) *Site Specific Survey of Twelve Sites, Camp Lejeune, North Carolina*. Brockington and Associates, Inc., prepared for the Wilmington District, Corps of Engineers.
- 1990 *Archaeological Survey: Town of Ellerbe CDBG Wastewater Line, Richmond County, North Carolina*. Brockington and Associates, Chapel Hill, North Carolina.
- 1990 (with E. Poplin) *Archaeological Sample Survey of the US 421 Improvements (TIP R-2120A), Yadkin County, North Carolina*. Brockington and Associates, Inc., prepared for NCDOT. (1)
- 1987 *Sediment and Surface Analysis of a Locality in the Cottonwood Creek Watershed*. In *Archaeological Mitigation at Soil Conservation Service Site Number 8, Cottonwood-Walnut Watershed, Chaves and Eddy Counties, New Mexico*, edited by S. Katz, PRIAM, Kampsville, Illinois.
- 1987 *Research Hypotheses*. In *Archaeological Mitigation at 41BX300, Salado Creek Watershed, South-Central Texas*, edited by P. Katz. The University of Texas- San Antonio Center for Archaeological Research Archaeological Survey Report 130.
- 1986 (with A. Kerr) *The Flake Width Chronology Study*. In *Cultural Resource Investigations in the Proposed Multi-Purpose Range Complex, Fort Polk, Vernon Parish, Louisiana*, edited by C. Campbell and C. Weed. New World Research, Inc. Report of Investigations 85-6.
- 1986 (edited with A. Kerr) *Occupation and Settlement in the Lower Fredericksburg Basin of the Edwards Plateau*. The University of Texas- San Antonio Center for Archaeological Research Special Report 15.
- 1984 (edited with A. Kerr) *Occupation and Settlement in the Uplands of Western Louisiana*. The University of Texas- San Antonio Center for Archaeological Research Special Report 17.
- 1982 *Form and Environment: Historical and Cultural Landscape Study of San Antonio Missions*. Environmental and Cultural Services, Inc., San Antonio, Texas. (3)
- 1982 (with T. Hester, R. Jones, R. Robinson and R. Mahula) *Climate Change in Southern Texas*. Appendix VII of *Archaeological Investigations at Choke Canyon Reservoir, South Texas: the Phase I Findings*, edited by G. Hall, S. Black, and C. Graves. The University of Texas- San Antonio Center for Archaeological Research Choke Canyon Series 5.

- 1982 (with J. Adovasio, J. Donahue and R. Stuckenrath) The Meadowcroft Rockshelter/Cross Creek Archaeological Project: Retrospect 1982. In *Collected Papers on the Archaeology of Meadowcroft Rockshelter and the Cross Creek Drainage*, edited by R. Carlisle and J. Adovasio. Department of Anthropology, University of Pittsburgh, Pennsylvania.
- 1982 (with E. Frkuska and R. Mahula) Computer Documentation: A Guide to the Collection, Storage, and Retrieval of the Phase I Data. Appendix IV of *Archaeological Investigations at Choke Canyon Reservoir, South Texas: the Phase I Findings*, edited by G. Hall, S. Black, and C. Graves. The University of Texas- San Antonio Center for Archaeological Research Choke Canyon Series 5.
- 1982 (with D. Brown) *Eagle Hill: A Late Quaternary Upland Site in Western Louisiana*. The University of Texas- San Antonio Center for Archaeological Research Special Publication 12.
- 1982 (with J. M. Adovasio, J. Donahue, and R. Stuckenrath) The Meadowcroft Rockshelter/Cross Creek Archaeology Project: Retrospect 1982. In *Meadowcroft: Collected Papers on the Archaeology Meadowcroft Rockshelter and the Cross Creek Drainage*, edited by J. M. Adovasio and R. C. Carlisle, pp. 257-270, Department of Anthropology, University of Pittsburgh.
- 1981 (with K. Jolly) *Terrain Analysis and Settlement Pattern Survey: Upper Bayou Zourie, Fort Polk, Louisiana*. Survey Report 1. Environmental and Cultural Services, Inc., San Antonio, Texas.
- 1981 (edited with G. Muto) *A Study of Late Quaternary Environments and Early Man along the Tombigbee River, Alabama and Mississippi. Southeast Region*. Submitted to National Park Service, Atlanta.
- 1977 (with T. Hester and J. Ivey) Predictive Models. In *An Archaeological Survey of the Radium Springs Area, Southern New Mexico*, edited by T. Hester. University of Texas- San Antonio, Center for Archaeological Research, Archaeological Survey Report 26. (2)
- 1977 *Hop Hill: Culture and Climatic Change in Central Texas*. University of Texas- San Antonio Center for Archaeological Research Special Report 5.
- 1974 (with J. Adovasio, G. Fry, and J. Zakucia) The Boarts Site: A Lithic Workshop in Lawrence County, Pennsylvania. *Memoir of the Pennsylvania Archaeologist*.