

**UNIVERSITY OF NEW MEXICO - COLLEGE OF ARTS AND SCIENCES**

**CURRICULUM VITAE**

**W.H. Wills**

December 31, 2009

Professor  
Department of Anthropology  
University of New Mexico  
Albuquerque, NM 87131  
ph. (505) 277-4524  
fax (505) 277-0874  
email: wwills@unm.edu

**EDUCATIONAL HISTORY**

University of Michigan, Ph.D., Anthropology, 1985  
Dissertation Title: Early Agriculture in the Mogollon Highlands of New Mexico  
Dissertation Chair: R.I. Ford  
University of Michigan, M.A., Anthropology, 1980  
University of New Mexico, B.A., Anthropology, 1977  
Virginia Polytechnic Institute and State University, 1973-1975

**PRINCIPAL PROFESSIONAL POSITIONS**

2001 to present University of New Mexico, Professor of Anthropology  
1993 to 2001: University of New Mexico, Associate Professor of Anthropology  
1986 to 1993: University of New Mexico, Assistant Professor of Anthropology  
1976 to 1978: Staff archaeologist: National Park Service, Chaco Center, Albuquerque

**TEMPORARY PROFESSIONAL POSITIONS**

2010 to present: National Geographic Society Committee for Research and Exploration  
2002 to 2011: Research Associate, Smithsonian Institution  
2000 to 2001: University of Virginia, Visiting Associate Professor of Anthropology  
1978 to 1984: University of Michigan, Research Assistant, Teaching Assistant, Adjunct Lecturer  
1982: Staff Archaeologist, Center for Archaeological Investigations, Southern Illinois University

## **FELLOWSHIPS, AWARDS AND POST-DOCTORAL RESEARCH**

Phi Beta Kappa  
Sigma Xi  
Phi Alpha Theta

Snead-Wertheim Lectureship, University of New Mexico, Departments of History and Anthropology, 2002-2003  
United States Department of the Interior Excellence of Service Award, March, 2001  
Smithsonian Institution Short-Term Visitor Award, 2000  
College of Arts and Sciences Research Semester Award, 1998  
Regents Lectureship, University of New Mexico, 1992-1994  
Visiting Scholar, Department of Archaeology, Cambridge University, March-May, 1989  
Presidential Recognition Award, University of New Mexico, 1988  
Smithsonian Institution Post-doctoral Fellowship, 1985-1986  
Weatherhead Fellowship, School of American Research, 1984-1985  
Loundsberry Fellowship, American Museum of Natural History, 1982  
James B. Griffin Award, University of Michigan, 1982  
National Science Foundation Fellowship Honorable Mention 1978  
Departmental Honors, University of New Mexico, 1977  
University Academic Scholarship, University of New Mexico, 1977

## **PROFESSIONAL MEMBERSHIPS**

Society for American Archaeology  
American Anthropological Association  
Sigma Xi  
Arizona Archaeological and Historical Society

## **RESEARCH, TEACHING AND SERVICE INTERESTS**

I am an archaeologist and my research concerns the emergence of new socioeconomic organization in the past, especially with respect to agriculture and food production. Since coming to the University of New Mexico, my field work has been in the American Southwest, primarily in New Mexico. This field research has been fundamental to my work in four major problem areas; 1) the origins of agriculture during the Late Archaic period (ca. 4000 to 3000 B.C.), 2) the emergence of village communities during the Early Ceramic period (ca. A.D. 200 to 500), 3) the development of hierarchically complex corporate groups after A.D. 1000 in the Colorado Plateau, and 4) the formation of Hispanic irrigation communities during the 18<sup>th</sup> century in the northern Rio Grande Valley. Although these research problems represent widely different time periods, my approach to each has been based on a common theoretical perspective in which broad patterns of economic change are explained as the product of interaction among relatively small social groups. My early research involving the transition from foraging to food production focused heavily on the application of models derived from behavioral ecology, but as my interests have grown to include more complicated social formations, I have been drawn increasingly into theoretical areas involving complex systems. My work has been supported by the National Science Foundation, the National Geographic Society, the Wenner-Gren Foundation, the Smithsonian Institution, Sandia National Laboratories, the Western National Parks Association and the American Philosophical Society.

## SCHOLARLY ACHIEVEMENTS

### MUSEUM EXHIBITS

Guest Curator: 1988-1993  
"People of the Southwest" permanent gallery, Maxwell Museum of Anthropology  
National Endowment for the Humanities grant.

### PUBLICATIONS:

#### Books authored:

1988  
**Early Prehistoric Agriculture in the American Southwest**  
School of American Research Press

#### Books edited or co-edited:

1994  
(W.H. Wills and Robert D. Leonard, eds.)  
**The Ancient Southwestern Community: Models and Methods for the Study of Prehistoric Social Organization**  
University of New Mexico Press (out-of-print)

1980 (reprinted in 1992)  
(F.E. Smiley, C.M. Sinopoli, H.E. Jackson, W.H. Wills and S.A. Gregg, eds.)  
**The Archaeological Correlates of Hunter-Gatherer Societies: Studies from the Ethnographic Record**  
Michigan Discussions in Anthropology, Vol. 4. Ann Arbor.

#### Articles in refereed journals:

2009  
The Construction of Archaeological Histories: A Example from Chaco Canyon  
*Journal of Archaeological Method and Theory* 16:283-319

2006  
Review Article  
**The Late Archaic Across the Borderlands: From Foraging to Farming**, ed. by B. Vierra.  
*Kiva* 73:121-129.

2003  
(Patricia L. Crown and W. H. Wills)  
Modifying Pottery and Kivas at Chaco: Pentimento, Restoration, or Renewal?  
*American Antiquity* 68:511-532.

2001  
Pithouse Architecture and the Economics of Household Formation in the Prehistoric Southwest  
*Human Ecology* 29:477-500

- 2001  
Ritual and Mound Formation during the Bonito Phase in Chaco Canyon  
*American Antiquity* 66:433-452.
- 1996  
The Preceramic to Ceramic Transition in the Mogollon Highlands of Western  
New Mexico  
*Journal of Field Archaeology* 23:335-359.
- 1995  
(Patricia L. Crown and W.H. Wills)  
The Origins of Ceramic Containers: Women's Time Allocation and Economic  
Intensification  
*Journal of Anthropological Research* 51(2):173-186.
- 1994  
Recent Evidence for the Introduction of Maize to the American Southwest  
from Mesoamerica  
*Revista de Arqueologia Americana* 7:87-97.
- 1989  
(W.H. Wills and Thomas C. Windes)  
Evidence for Population Aggregation and Dispersal during the Basketmaker III  
Period in Chaco Canyon, New Mexico  
*American Antiquity* 54(2):347-369.
- 1989  
Patterns of Prehistoric Agricultural Development in Western New Mexico  
*Journal of Anthropological Research* 45(1):139-157.
- 1988  
Early Agriculture and Sedentism in the American Southwest: Evidence and  
Interpretations  
*Journal of World Prehistory* 2(3):445-488.

Articles Appearing as chapters in edited volumes:

- 2007 The Structural Role of Pithouses: Architectural Variation in the Mogollon  
Highlands, A.D. 1000 to 1300. In **Exploring Variability in Mogollon Pithouses**, edited  
by B. Roth and R. Stokes, pp. 93-107. Arizona State University Anthropological  
Research Papers No. 58, Tempe.
- 2005  
Economic Competition and Agricultural Involution in the Precontact American  
Southwest.  
In **Catalyst for Ideas: Anthropological Archaeology and the Legacy of Douglas W.  
Schwartz**. School of American Research Press, Santa Fe.
- 2005 (George Milner and W. H. Wills)  
Complex Societies of North America.  
In **The Human Past: World Prehistory and the Development of Human Societies**.  
Edited by Chris Scarre, pp. 678-714. Thames and Hudson.

2004 (W. H. Wills and Patricia L. Crown)  
Commensal Politics in the Prehispanic Southwest: An Introductory Review.  
In **Identity, Feasting and the Archaeology of the Greater Southwest**,  
Edited by B. J. Mills, pp. 152-171. University Press of Colorado, Boulder.

2000  
Political Leadership at Chaco Canyon, New Mexico, AD 1020 - 1140. In  
**Alternative Leadership Strategies in the American Southwest**, edited by  
Barbara J. Mills, pp. 19-44. University of Arizona Press, Tucson.

1997  
A Preliminary Analysis of Hammerstones from Chaco Canyon, New Mexico  
In **Ceramics, Lithics and Ornaments of Chaco Canyon, Analyses of Artifacts  
from the Chaco Project, 1971-1978**, ed. by J. Mathien, pp. 947-976.  
Publications in Archaeology 18G, National Park Service, Santa Fe.

1995  
Archaic Foraging and the Beginning of Food Production in the American  
Southwest  
In **Last Hunter-First Farmers: New Perspectives on the Prehistoric Transition to  
Agriculture**, edited by T.D. Price and A. Gebauer, pp. 215-242. School of American  
Research Press, Santa Fe.

1995  
(Patricia L. Crown and W.H. Wills)  
Economic Intensification and the Origins of Southwestern Pottery.  
In **The Emergence of Pottery**, ed. by W. Barnett and J. Hoopes, pp. 241-256.  
Smithsonian Institution Press.

1994  
Evolutionary and Ecological Modeling in Southwestern Archaeology  
In **Understanding Complexity in the Prehistoric Southwest**, ed. by G. Gumerman,  
pp. 287-296. Addison-Wesley. (out-of-print)

1994  
(W.H. Wills, Patricia L. Crown, Jeffery S. Dean, and C. Langton)  
Complex Adaptive Systems and Southwestern Prehistory  
In **Understanding Complexity in the Prehistoric Southwest**, ed. by G. Gumerman,  
pp. 297-340. Addison-Wesley. (out-of-print)

1994  
(W.H. Wills and Bruce B. Huckell)  
Economic Implications of Changing Land-Use Patterns in the Late Archaic  
In **Themes in Southwestern Prehistory**, ed. by G. Gumerman and Linda Cordell,  
pp. 33-52. School of American Research Press, Santa Fe.

1994  
(W.H. Wills and Robert D. Leonard)  
Preface  
In **The Ancient Southwestern Community: Models and Methods for the Study  
of Prehistoric Social Organization**, ed. by W.H. Wills and R. D. Leonard,  
pp. xiii-xvi. University of New Mexico Press.

1992

Plant Cultivation and the Evolution of Risk-Prone Economies in the Prehistoric American Southwest.

In **Transitions to Agriculture**, ed. by T.D. Price and A. Gebauer, pp. 153-176. Monographs in World Prehistory, No. 4. Prehistory Press, Madison, WI.

1991

Organizational Strategies and the Emergence of Villages in the American Southwest

In **Between Bands and States**, ed. by S. Gregg, pp. 161-180. Southern Illinois University Press.

1990

Cultivating Ideas: Changing Intellectual Perspectives on the Introduction of Agriculture to the American Southwest.

In **Perspectives on Southwestern Prehistory**, ed. by Paul E. Minnis and C.L. Redman, pp. 319-332. Westview Press, Boulder.

1990

(W.H. Wills, T. Baker and L. Baker)

Aerial Perspectives on Prehistoric Agricultural Fields of the Middle Rio Grande Valley, New Mexico

In **Collected Papers in Honor of William Sundt**, ed. by David Kirkpatrick, pp. 315-332.

Archaeological Society of New Mexico, Paper No. 16. Albuquerque.

1981

A Remote Sensing Assessment of Ninety-Six National Historic Site, South Carolina

In **Remote Sensing Studies in Cultural Resource Management**, ed. by T. Lyons and J. Mathien, pp. 229-292. National Park Service, Washington, D.C.

1980

Ethnographic Observation and Archaeological Interpretation: The Wikmunkan of Cape York Peninsula, Australia

In **The Archaeological Correlates of Hunter-Gatherer Societies**, ed. by F.E. Smiley, C. Sinopoli, H.E. Jackson, W.H. Wills and S. Gregg, pp. 78-99. Michigan Discussions in Anthropology, Vol. 4. Ann Arbor.

#### Other Writings:

1999 Bat Cave. *Southwest Archaeology*, Vol. 13, No. 2.

1990 An Archaeological Prospectus for the James Young Ranch, On file with the Vice-President for Business and Finance, University of New Mexico

#### Encyclopedia Contributions:

2001 Middle Desert Archaic. **Encyclopedia of Prehistory, Vol. 6: North America**. Edited by Peter N. Peregrine, pp. 306-317.

1996 Bat Cave. **Archaeology of Prehistoric North America**. Garland Publishing. Edited by Guy Gibbon, pp. 53-55.

1996 Tularosa Cave. **Archaeology of Prehistoric North America**. Garland Publishing. Edited by Guy Gibbon, pp. 848-850.

1995 Bat Cave. **Oxford Companion to Archaeology**. Oxford University Press

1995 Cochise Culture. **Oxford Companion to Archaeology**. Oxford University Press.

Reviews:

2009 **Chaco's Northern Prodigies: Salmon, Aztec, and the Ascendancy of the Middle San Juan Region after AD 1100**, ed. By Paul F. Reed. *New Mexico Historical Review* 85:84-85.

1999

**Anasazi Architecture and American Design**, ed. by B. Morrow and V. B. Price  
*New Mexico Historical Review* April:233-234.

1996

**Of Marshes and Maize: Preceramic Settlements in the Cienega Valley, Southeastern Arizona**, by Bruce B. Huckell  
*The Kiva* 62(2):207-210.

1989

**People of the Mesa**, by Shirley Powell and George Gumerman  
*American Anthropologist* 91:262-263

1988

**The Star Lake Archaeological Project: Anthropology of a Chaco Headwaters**, edited by Walter Wait and Ben Nelson. *The North American Anthropologist* 9:158-164.

Technical Reports:

2007-08 various, National Park Service, National Geographic Society

2006 Archaeological Investigations at Pueblo Bonito. National Park Service, Washington, D.C.

2005 Archaeological Investigations at Pueblo Bonito. National Park Service, Washington, D.C.

2004 Archaeological Investigations at Pueblo Bonito. National Park Service, Washington, D.C.

1997

Archaeological Survey in the Rio Chiquito Drainage: An Ongoing Class III Inventory of the James Young Ranch, Sandoval County, New Mexico.  
Submitted to the Historic Preservation Division, State of New Mexico.

1995

Appendix 7: Catchment Study Proposal. In Second Progress Report: Phase I Archaeological Testing at Fernandez Pueblo (LA 781). Office of Contract Archaeology, University of New Mexico, Albuquerque.

1990

Final Report to the National Geographic Society, for The Emergence of Agricultural Communities in the American Southwest.

1990

Final Report of the University of New Mexico Investigations at the SU Site, Catron County, New Mexico. US Forest Service, Silver City, New Mexico.

1988

Preliminary Report of the University of New Mexico Investigations at the SU Site, Catron County, New Mexico. US Forest Service, Silver City, New Mexico.

1984

Arizona d:11:2126: An Early Basketmaker Settlement. **In Excavations on Black Mesa: 1982: A Descriptive Report.** D. Nichols and F. Smiley (eds.) Center for Archaeological Investigations Research Paper No. 39, Southern Illinois University, Carbondale.

1984

Arizona D:11:3131: Multiple Reoccupations of a Basketmaker II Settlement. In **Excavations on Black Mesa: 1982: A Descriptive Report.** D. Nichols and F. Smiley (eds.) Center for Archaeological Investigations Research Paper No. 39, Southern Illinois University, Carbondale.

1983

Preliminary Report of the Bat Cave Project. National Geographic Society.

1982

Preliminary Report of the Bat Cave Project. Bureau of Land Management, Socorro, New Mexico.

1980

(T.R. Lyons, R. Hitchcock and W.H. Wills, compilers)

**Remote Sensing: Aerial Perspectives.** National Park Service, Washington, D.C.

1977

An Alternative Perspective on Core-Veneer Masonry. Chaco Center, National Park Service, University of New Mexico, Albuquerque.

1977

Faunal Analysis of Pithouses A and D, 29SJ628, Chaco Canyon, New Mexico. Chaco Center, National Park Service, University of New Mexico, Albuquerque.

Works in press or progress:

Property Rights and Household Organization in the Prehispanic Southwest. Chapter to appear in **Foundations for Southwest Communities: Variation in First Millenium A.D. Pithouse Sites**, edited by Lisa Young and Sara Herr. University of Arizona Press.

The SU Site and the Early Mogollon Pithouse Period. In *Archaeology in American*, Edited by Frank McManamon, Greenwood Press. *In press*.

Shabik'eschee Village. In *Archaeology in America*, edited by Frank McManamon, Greenwood Press. *In press*.

Bat Cave. In *Archaeology in America*, edited by Frank MacManamon, Greenwood Press.  
*In press*.

Economic Intensification and Household Formation: The Implications of Pithouse Variability in the American Southwest. Contribution to volume edited by Patricia Gilman, under review by University of Arizona Press.

#### ORGANIZER; CONFERENCES AND SYMPOSIA:

2010 NSF Team Seminar, School of Advanced Research, Santa Fe. Co-chair

2010 Pueblo Bonito Mounds Research: Formation Processes and Artifacts.  
Annual Meeting of the Society for American Archaeology, St. Louis. Organizer

2009 "The Chaco Stratigraphy Project: Ongoing Research and Preliminary Results,"  
Annual Meeting of the Society for American Archaeology, Vancouver. Organizer

2008 "Preliminary Results from Reopening of Trenches at Pueblo Bonito"  
Annual Meeting of the Society for American Archaeology. Organizer

2002 "Commensal Politics in the Prehispanic Southwest," Session for the Southwest  
Symposium, University of Arizona. P.L. Crown and W.H. Wills, co-chairs.

1996 "Archaic Prehistory in the American Southwest." New Mexico Archaeological  
Council and University of New Mexico. Bruce Huckell and W.H. Wills, Co-organizers.

1991 "Northern Rio Grande Prehistory." School of American Research Advanced  
Seminar (Explorations). W.H. Wills, Chair.

1990 "Northern Rio Grande Prehistory." School of American Research Advanced  
Seminar (Explorations). W.H. Wills, Chair.

1990 "Prehistoric Community Dynamics." Southwest Symposium, Albuquerque.  
R.D. Leonard and W.H. Wills, Co-organizers.

#### INVITED PROFESSIONAL LECTURES/PRESENTATIONS:

2009 National Geographic Society Sponsored Research at Chaco Canyon. Committee  
on Research and Exploration, National Geographic Society, Washington, D.C.

2009 Discussant. Aztec, Salmon and the Northern San Juan. New Mexico  
Archaeological Council Annual Meeting,

- 2009 Overview of the Chaco Stratigraphy Project. Annual Meeting of the Society for American Archaeology, Vancouver, B.C.
- 2008 The Chaco Stratigraphy Project: Reopening Archaeological Trenches at Pueblo Bonito. Southwest Seminars, Santa Fe, NM. (February)
- 2008 National Geographic Society and Chaco Canyon. NSG Research Committee, Santa Fe, NM. (April)
- 2007 Field Research in Chaco Canyon. National Park Service Research Forum, University of New Mexico (October)
- 2007 Property Rights and Household Organization. Amerind Foundation Advanced Seminar, Dragoon, AZ.
- 2006 Field Research in Chaco: Current and Future Directions. Annual Meeting of the Society for American Archaeology, Austin (April)
- 2005 High Resolution Terrain, Stratigraphy and Hydrology Modeling at Chaco Canyon: Simulating Prehistoric Landscapes with New Technologies. Wetherbee Dorshow, W. H. Wills, and Tim Wawrzyniec. GIS Conference,
- 2005 Chaco as An Hydraulic Society. Annual Meeting of the Society for American Archaeology, Salt Lake City (April).
- 2003 The Canada de Cochiti Land Grant: 18<sup>th</sup> Century Agricultural Sustainability. Snead-Wertheim Lecture, University of New Mexico.
- 2003 Chaco as Icon: Ritual Landscapes and Economics. Washington University, St. Louis.
- 2002 Current Research Directions. Chaco Digital Initiative, School of American Research, Advanced Seminar (June).
- 2002 The Historical Archaeology of the Cañada de Cochiti Land Grant. School of American Research (April).
- 2002 Organizational Properties in the Emergence of Agricultural Economies. Annual Meeting of the Society for American Archaeology, Denver (March).
- 2002 Feasting in the Prehispanic Southwest (with P. L. Crown). Southwest Symposium, Tucson (January).
- 2001 Mound Building at Chaco Canyon. Albuquerque Archaeological Society.
- 2000 Construction Processes and Ritual Development, University of Virginia. (March)
- 2000 (1) Ritual and Chacoan Great Houses, and (2) Mound Building in Chaco Canyon. University of Arizona, Tucson. (April)
- 1999 "Origins of Southwestern Agriculture", Pueblo Cultural Center, Albuquerque (May)
- 1998 "Leadership Strategies at Chaco Canyon, A.D. 1020 - 1150"

- Society for American Archaeology Annual Meeting, Seattle. (April)
- 1998 "Economic Intensification and Pithouse Variability", Society for American Archaeology Annual Meeting, Seattle. (April)
- 1997 "Pithouses in the Reserve Phase: Implications for Changes in Social Organization, Society for American Archaeology Annual Meeting, Nashville (April)
- 1996 "Innovation and the Origins of Agriculture", Plenary Session, Chacmool Conference, University of Calgary, Alberta, Canada (November)
- 1995 Panelist, "Culture Change and Chronology Symposium", Durango Conference on Southwest Archaeology, Durango, Colorado (October)
- 1995 "Thermodynamics and Chacoan Great Houses". Ft. Burgwin Research Center, Taos, New Mexico (June)
- 1994 "Prehistoric Overview of the Borderlands". Southwest Institute Conference, "The Borderlands: Past and Present" (June)
- 1992 "Prehistoric Farming in the Rio Grande Valley: New Data, New Interpretations", AABGA Intermountain Conference, Albuquerque (September)
- 1991 "Man Enters the New World: History to 400 A.D.", IEEE Nuclear Science Symposium, Santa Fe.
- 1991 "The Transition to Household Organization in the Northern Southwest" Arizona State University (March)
- 1991 "Economic Organization in the Late Archaic". University of Arizona, Tucson (April)
- 1991 "The Emergence of Villages in West-Central New Mexico" and "The La Bajada Mesa Agricultural Ecology Project", University of Arizona, Tucson (March)
- 1990 "Prehistoric Agriculture and Potential Interpretive Efforts", Rio Grande Botanical Garden Workshop, Albuquerque (February)
- 1988 "Organizational Strategies and the Emergence of Prehistoric Villages in the American Southwest". Visiting Scholar's Conference, Southern Illinois University. (April)
- 1988 "Cultivating Ideas: Changing Perspectives on the Introduction of Agriculture to the Southwest". Southwest Symposium, Arizona State University (January)
- 1987 "Site Use and Early Agriculture in the American Southwest". American Association for the Advancement of Science, Annual Meeting, Chicago. (January)
- 1986 "Explaining the Adoption of Agriculture by Hunter-Gatherers". University of Virginia. (March).
- 1986 "Agricultural Origins in the American Southwest". Smithsonian Institution. (January).

1983 "Ongoing Research at Bat Cave, New Mexico". New Mexico School of Mines and Technology. (July).

**CONTRIBUTED PRESENTATIONS:**

1985 The Chronology and Stratigraphy of Early Maize at Bat Cave, New Mexico. Society for American Archaeology, Annual Meeting, Denver. (April)

1983 Changing Site Use at Bat Cave New Mexico, Michigan Academy of Sciences, Ypsilanti (March)

1982 Bat Cave Re-investigated. (W.H. Wills, Richard I. Ford, and John D. Speth) Society for American Archaeology, Annual Meeting, Minneapolis (April)

1980 Remote Sensing Experiments in Chaco Canyon, New Mexico and Their Significance for Anthropological Research. Michigan Academy of Sciences, Detroit.

1979 Cultural Change and Continuity in the Australian Desert (W.K. MacDonald and W.H. Wills). Michigan Academy of Sciences, East Lansing.

**RESEARCH FUNDING:**

External Grants: Simulating Dynamic Hydrological Processes in Archaeological Contexts: A Proposal for Airborne Laser Swath Mapping (ALSM) at Chaco Canyon.

P.I.s Wetherbee Dorshow and W. H. Wills  
NSF National Center for Airbone Mapping  
\$40,000.00  
February 2010 to December 2010

Archaeological Site Assessment in Chaco Culture National Historic Park.  
P.I.s W. H. Wills and Patricia L. Crown  
Task Agreement with National Park Service, Colorado Plateau Studies Group.  
\$ 44,000.00  
June 1, 2009 – December 30, 2010

P.I. W. H. Wills (Doctoral Improvement grant for Edward Jolie)  
National Science Foundation

Remote Sensing for Research and Resource Management at Pueblo Bonito, Chaco Culture National Historic Park.

P.I. W. H. Wills  
Western National Parks Association (Award # 08-04)  
\$7,215.00  
Jan. 1 – Dec. 31, 2008

Continuing Excavation at Chaco Canyon, New Mexico.

PI: W. H. Wills  
National Geographic Society (Award #  
\$25,000.00

May, 2006

Reinvestigation of Archaeological Trenches Excavated by the National Geographic Society in Chaco Canyon, New Mexico

PI: W. H. Wills

National Geographic Society (Award # 7653-04)

\$25,000.00

May, 2004

REU Supplemental Award

P.I. W. H. Wills

National Science Foundation

Archaeological Investigations at Chaco Canyon, New Mexico

PI: W. H. Wills

National Science Foundation

\$220,000.00 (two years, beginning May, 2005)

Chaco Culture Collections Database Development

PI: W. H. Wills

Western National Parks Association

January, 2003 \$7200.00 (three year renewable)

The Role of Cerros de Trincheras

PI: W. H. Wills (doctoral dissertation, G. Raymond)

National Science Foundation

October, 2000. \$12,000.00

Analysis of the Hough Collection from Tularosa Cave

PI: W.H. Wills

Smithsonian Institution

June, 2000. \$2000.00

Agricultural Ecology of a Colonial Land Grant

PI: W.H. Wills

National Geographic Society

2000 - 2001. \$11,242.00

An Analysis of Archaeological Collections from the SU Site, Western New Mexico.

PI: W.H. Wills

American Philosophical Society

July, 1989. \$ 1,300.00

The Emergence of Agricultural Communities in the American Southwest.

PI: W.H. Wills

National Geographic Society

1988. \$5,000.00

Socioeconomic Organization of Early Agricultural Communities in Prehistoric New Mexico.

PI: W.H. Wills

Wenner-Gren Foundation for Anthropological Research, Inc.

1988 \$3,450.00

Southwest Gallery (Maxwell Museum of Anthropology)  
PI: M.L. Salvador (W.H. Wills, Guest Curator)  
National Endowment for the Humanities  
1988-1990 \$337,744.00

A Formal Analysis of Architectural Space in the Historic Zuni Settlement System  
PI: W.H. Wills (Doctoral Improvement Grant for T.J. Ferguson)  
National Science Foundation  
1987 \$10,000.00

1982 American Philosophical Society  
1982 National Science Foundation Doctoral Improvement Grant (W.H. Wills)  
1982 National Geographic Society (with Richard I. Ford and John D. Speth)  
1982 Sigma Xi Research Grant  
1981 Sigma Xi Research Grant

External Contracts:

Hazardous Waste Analog Study  
PI: R. C. Chapman and W. H. Wills  
Sandia National Laboratories  
1993-95. \$76,947.00

Internal Grants:

2006 UNM Research Allocation Committee Grant  
2004 UNM Research Allocation Committee Grant  
2002 UNM Research Allocation Committee Grant  
1995 Dean's Special Research Fund  
1996 UNM Research Allocation Committee Large Grant  
1990 UNM Research Allocation Committee Large Grant  
1987 UNM Research Allocation Committee Grant  
1982 University of Michigan Block Grant  
1981 University of Michigan Travel Grant

FIELD RESEARCH:

2008 Chaco Stratigraphy Project, Chaco Canyon, New Mexico  
2007 Chaco Stratigraphy Project, Chaco Canyon, New Mexico  
2006 Chaco Stratigraphy Project, Chaco Canyon, New Mexico  
2005 Chaco Stratigraphy Project, Chaco Canyon, New Mexico  
2004 Chaco Stratigraphy Project, Pueblo Bonito, Chaco Canyon, New Mexico  
2003 excavation, Canada de Cochiti Project, New Mexico  
survey, El Malpais National Monument, New Mexico  
2001 excavation and survey, Canada de Cochiti Project, New Mexico  
1998 survey, Canada de Cochiti Project, New Mexico  
1997 excavation and survey, Canada de Cochiti Project, New Mexico  
1996 excavation and survey, Canada de Cochiti Project, New Mexico  
1993-95 Fernandez Ruin midden study, Chupadero, New Mexico  
1990-91 La Bajada Mesa survey, Canada de Cochiti survey, New Mexico  
1987-89 excavation at the SU and Brown sites, Reserve, New Mexico  
1986 testing program, northern Arkansas  
1984 survey and testing, central Michigan  
1983 excavation, Bat Cave, New Mexico  
1982 excavation, Black Mesa Archaeological Project, Arizona

- 1981 excavation, Bat Cave, New Mexico
- 1981 excavation, Henderson Site, Roswell, New Mexico
- 1980 excavation, Fuller Road historical site, Ann Arbor, Michigan
- 1980 survey, Ohio River Valley, Ohio
- 1980 excavation, Henderson Site, Roswell, New Mexico
- 1979 testing program, Tierra Blanca site, Hereford, Texas
- 1979 excavation, Paleolithic rockshelters, Dordogne, France
- 1979 excavation, Moundville, Alabama
- 1979 survey and testing, Midland, Michigan
- 1978 Chaco Project, Chaco Canyon, New Mexico
- 1978 survey, Hubble Trading Post, Ganado, Arizona
- 1977 Chaco Project, Chaco Canyon, New Mexico
- 1976 Chaco Project, Chaco Canyon, New Mexico
- 1975 excavation, Comanche Springs site, New Mexico
- 1970 excavation, Smithfield Plantation, Blacksburg, Virginia
- 1967-70 excavations, Archaeological Society of Virginia projects
- 1967 excavation, Island Field site, Lewes, Delaware

## **TEACHING**

### Doctoral Advisement:

Nicholas Chapin, 2005  
 Hunter-Gatherer Technological Organization: The Archaic Period in Northern New Mexico

Stephen Dominquez, 2000  
 (co-chair with Richard C. Chapman)  
 Assessing the Hydrologic Functions of Prehistoric Grid Gardens in North Central New Mexico

Robert Dello-Russo, 1999  
 Climatic Stress in the Middle Rio Grande Valley of New Mexico: An Evaluation of Changes in Foraging Behaviors During the Late Archaic/Basketmaker II Period

Susan Stratton, 1999  
 Reconstructing the Role of Faunal Resource Use During the Occupational History of Grass Mesa Village, Southwestern Colorado

Wendy J. Bustard, 1996  
 Space as Place: Small and Great House Spatial Organization in Chaco Canyon, New Mexico, A.D. 1000-1150

Carrillo, Charles M., 1996  
 (co-chair with Lewis R. Binford)  
 Hispanic Pottery as Evidence of Craft Specialization in Late Colonial New Mexico, 1790-1890  
 (published as

Lycett, Mark T., 1995  
 (co-chair with Lewis R. Binford)  
 Archaeological Implications of European Contact: Demography, Settlement and Land Use in the Middle Rio Grande Valley, New Mexico

Thomas J. Ferguson, 1993  
Historic Zuni Architecture and Society: A Structural Analysis  
(published as **Historic Zuni Architecture and Society: An Archaeological Application of Space Syntax**, 1996, Anthropological Paper 60, University of Arizona).

Stephen H. Lekson, 1988  
Sociopolitical Complexity at Chaco Canyon, New Mexico

Current Dissertation Advisement:

Wetherbee Dorshow (ABD)  
Hannah Fretwell (ABD)  
Edward A. Jolie (ABD)  
Adam Okun

Doctoral Committee Membership:

Kaoru Akoshima, 1990  
Daniel Amick, 1994  
Karl Benedict, 2004  
Steven Byers, 1992  
William Hudspeth, 2000  
Raymond Mauldin, 1995  
Timothy Maxwell, 2000  
Yorgos Marinakis, 1995 (Dept. of Biology, UNM)  
Thomas Morales, 1997  
Marit Munson, 2002  
Marsha Olgivie, 2002  
Alexandra Roberts, 1992  
Rebecca Schwendler, 2004  
Matthew Schmader, 1994  
Lynne Sebastian, 1987  
Gregory Zaro, 2005

Current Dissertation Committee Membership:

Phillip Geib  
James Kilby  
Kari Schmidt  
Yuichi Nakazawa  
Marianne Tyndall  
Scott Worman

Master's Advisement:

Thomas C. Baker, 1991  
Lynne Murphy-Drake, 1988  
Michael Lawsen, 1990 (with distinction)  
Juli Niemann, 1989  
Carrie Smith, 1988

**Bachelor's Honors Advisement:**

Catherine Crosier, 1999

Cynthia Herhhahn, 1991

Mark McCoy, 1997

Dorothy Scholl-Meeker, 1991