

## VITA

### MICHAEL R. WATERS

**Professor of Anthropology and Geography**  
**Holder of the Endowed Chair in First Americans Studies**  
**Director, Center for the Study of the First Americans**  
**Executive Director, North Star Archaeological Research Program**

#### CONTACT INFORMATION

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#### DEGREES RECEIVED

- Ph.D. 1983 Geosciences, University of Arizona, Tucson  
Dissertation: *The Late Quaternary Geology and Archaeology of Whitewater Draw, Southeastern Arizona*
- M.S. 1980 Geosciences, University of Arizona, Tucson  
Thesis: *Lake Cahuilla: Late Quaternary Lacustrine History of the Salton Trough, California*
- B.S. 1977 Geosciences, University of Arizona, Tucson (with Distinction and Honors)  
Thesis: *The Lowland Patayan Ceramic Tradition: The Diagnostics and Distribution of Lower Colorado Buff Ware*

#### ACADEMIC APPOINTMENTS

- 2005 – Present      **Professor of Anthropology and Geography**  
                         **Holder of the Endowed Chair in First Americans Studies**  
                         **Director, Center for the Study of the First Americans**  
                         **Executive Director, North Star Archaeological Research Program Texas**  
                         **A&M University**

- 2002 – 2004      **Professor of Anthropology and Geography**  
**Holder of the Endowed Professorship in First Americans Studies**  
**Associate Director**, Center for the Study of the First Americans  
**Executive Director**, North Star Archaeological Research Program Texas  
A&M University
- 1998 – 2002      **Professor**, Departments of Anthropology and Geography, Texas A&M  
University
- 1991 – 1998      **Associate Professor**, Departments of Anthropology and Geography,  
Texas A&M University
- 1986 – 1991      **Assistant Professor**, Departments of Anthropology and Geography,  
Texas A&M University
- 1978 – 1985      **Geologist (GS-9)**, U.S. Geological Survey, Denver, Colorado (part-time)

## **RESEARCH AND TEACHING INTERESTS**

Peopling of the Americas, Late Quaternary history, Geoarchaeology, North America, Northeast Asia

## **INTERNATIONAL AWARDS AND HONORS**

**Rip Rapp Archaeological Geology Award**, Geological Society of America, 2004

**Fellow**, Geological Society of America, 2004

**Kirk Bryan Award**, Geological Society of America, 2003

**Eagle Scout**, Boy Scouts of America, Troop 874, San Diego County, California, 1970

## **UNIVERSITY AWARDS AND HONORS**

**Faculty Fellow**, College of Liberal Arts, Texas A&M University, 2001 – 2003

**Association of Former Students, Teaching Award**, Texas A&M University, 1998

**Evans B. Mayo Award**, outstanding performance in field geology, University of Arizona,  
Department of Geosciences, 1977

## PUBLICATIONS

### Refereed Journal Articles

- Waters, M. R.**, Stafford, T. W., McDonald, H. G., Gustafson, C., Rasmussen, M., Cappellini, E., Olsen, J. V., Szklarczyk, D., Jensen, L. J., Gilbert, M. T. P., and Willerslev, E., 2011, Pre-Clovis mastodon hunting 13,800 years ago at the Manis site, Washington. *Science*, v. 334, p. 351-353.
- Waters, M. R.**, Forman, S. L., Jennings, T. A., Nordt, L. C., Driese, S. G., Feinberg, J. M., Keene, J. L., Halligan, J., Lindquist, A., Pierson, J., Hallmark, C. T., Collins, M. B., and Wiederhold, J. B., 2011, The Buttermilk Creek Complex and the Origins of Clovis at the Debra L. Friedkin Site, Texas. *Science*, v. 331, p. 1599-1603.
- Waters, M. R.**, Daniel, S., Urista, J., and Bonnichsen, R., 2011, An Archaic wooden bowl from the Gulf Coastal Plain of Texas. *Bulletin of the Texas Archeological Society*, v. 82, p. 175-179.
- Wright, D. K., Forman, S. L., **Waters, M. R.**, and Ravesloot, J. C., 2011, Holocene eolian activation as a proxy for board-scale landscape change on the Gila River Indian Community, Arizona. *Quaternary Research*, v. 76, p. 10-21.
- Goebel, Ted, Slobodin, Sergei B., **Waters, Michael R.**, 2010, New dates from Ushhki-1, Kamchatka, confirm 13,000cal BP age for earliest Paleolithic occupation: *Journal of Archaeological Science*, v. 37, p. 2640-2649.
- Waters, M. R.**, Forman, S. L., Stafford, T. W., and Foss, J., 2009, Geoarchaeological investigations at the Topper and Big Pine Tree sites, South Carolina: *Journal of Archaeological Science*, v. 36, p. 1300-1311.
- Waters, M. R.**, Stafford, T. W., Jr., Redmond, B. G., and Tankersley, K. B., 2009, The age of the Paleoindian assemblage at Sheriden Cave, Ohio: *American Antiquity*, v. 74, no. 1, p. 107-111.
- Tankersley, K. B., **Waters, M. R.**, and Stafford, T. W., 2009, Clovis and the American Mastodon at Big Bone Lick, Kentucky: *American Antiquity*, v. 74(3), p. 558-567.
- Feinberg, J. M., Renne, P. R., **Waters, M. R.**, Arroyo-Cabrales, J., Ochoa-Castillo, P., and Perez-Campa, M., 2009, Age Constraints on Alleged 'Footprints' Preserved in the Xalnene Tuff near Puebla, Mexico: *Geology*, v. 37, p. 267-270.
- Waters, M. R.**, 2008, Alluvial chronologies and archaeology of the Gila River drainage basin, Arizona: *Geomorphology*, v. 101, p. 332-341.

- Waters**, M. R., Wiersema, J., and Stafford, T. W., 2008, A geoarchaeological evaluation of an early human burial from Brazoria County, Texas: *Journal of Archaeological Science*, v. 35, p. 2425-2433.
- Collins, M. B., **Waters**, M. R., Goodyear, A. C., Stanford, D. J., Pertierra, T., and Goebel, T., 2008, Paleoamerican origins workshop: a brief report: *Current Research in the Pleistocene*, v. 25, p. 195-197.
- Goebel, T., **Waters**, M. R., and O'Rourke, D. H., 2008, The Late Pleistocene Dispersal of Modern Humans in the Americas: *Science*, v. 319, p. 1497-1502.
- Waters**, M. R., and Stafford, T. W., 2007, Redefining the age of Clovis: Implications for the peopling of the Americas: *Science*, v. 315, p. 1122-1126.
- Gingerich, J. A. M., and **Waters**, M. R., 2007, New dates from the Shawnee-Minisink site, Pennsylvania: *Current Research in the Pleistocene*, v. 24, p. 90-92.
- Hildebrand, J. A., Wiggins, S. M., Driver, J. L., and **Waters**, M. R., 2007, Rapid seismic reflection imaging at the Clovis period Gault site in central Texas: *Archaeological Prospection*, v. 14, p. 245-260.
- Renne, P. R., Feinberg, J. M., **Waters**, M. R., Arroyo-Cabrales, J., Ochoa-Castillo, P., Perez-Campa, M., and Knight, K. B., 2005, Age of Mexican ash with alleged "footprints": *Nature*, v. 438, p. 7-8.
- Ravesloot, J. C., and **Waters**, M. R., 2004, A Geoarchaeological approach to interpreting archaeological site patterning along the middle Gila River Valley, Arizona: *Journal of Field Archaeology*, v. 29, p. 203-214.
- Darling, J. A., Ravesloot, J. C., and **Waters**, M. R., 2004, Village drift and riverine settlement: modeling Akimel O'Odham land use: *American Anthropologist*, v. 106, p. 282-295.
- Waters**, M. R. and Ravesloot, J. R., 2003, Disaster or catastrophe: human adaptation to high- and low-frequency landscape processes—a reply to Ensor, Ensor, and Devries: *American Antiquity*, v. 68, p. 400-405.
- Buvit, I., **Waters**, M. R., Konstantinov, M. V., and Konstantinov, A. V., 2003, Geoarchaeological investigations at Studenoe, an Upper Paleolithic site in the Transbaikal region, Russia: *Geoarchaeology: An International Journal*, v. 18, p. 649-673.
- Goebel, T., **Waters**, M. R., and Dikova, M., 2003, The archaeology of Ushki Lake, Kamchatka, and the Pleistocene peopling of the Americas: *Science*, v. 301, p. 501-505.

- Waters, M. R., and Haynes, C. V., 2001, Late Quaternary arroyo formation in the American Southwest: *Geology*, v. 29, p. 399-402.**
- Waters, M. R., and Ravesloot, J. C., 2001, Landscape change and the cultural evolution of the Hohokam along the middle Gila River and other river valleys in south-central Arizona: *American Antiquity*, v. 66, p. 285-299.**
- Waters, M. R., 2000, Alluvial stratigraphy and geoarchaeology in the American Southwest: *Geoarchaeology: An International Journal*, v. 15, p. 537-557.**
- Waters, M. R., and Ravesloot, J. C., 2000, Late Quaternary geology of the middle Gila River, Gila River Indian Reservation, Arizona: *Quaternary Research*, v. 54, p. 49-57.**
- Goebel, T., and **Waters, M. R., 2000, New AMS <sup>14</sup>C ages for the Tolbaga Upper Paleolithic site, Transbaikal, Siberia: *Current Research in the Pleistocene*, v. 17, p. 32-34.**
- Goebel, T., **Waters, M. R., Buvit, I., Konstantinov, M. V., and Konstantinov, A. V., 2000, Studenoe-2 and the origins of microblade technologies in the Transbaikal, Siberia: *Antiquity*, v. 74, p. 567-575.**
- Goebel, T., **Waters, M. R., and Meshcherin, M. N., 2000, Masterov Kliuch—An early Upper Paleolithic site in the Transbaikal, Siberia: *Asian Perspectives*, v. 39, p. 47-71.**
- Waters, M. R., Byrd, B., and Reddy, S., 1999, Geoarchaeological investigations of San Mateo and Las Flores Creeks, California: Implications for coastal settlement models: *Geoarchaeology: An International Journal*, v. 14, p. 289-306.**
- Waters, M. R., Forman, S., and Pierson, J., 1999, Late Quaternary geology and geochronology of Diring Yuriakh: An Early Paleolithic site in central Siberia: *Quaternary Research*, v. 51, p. 195-211.**
- Pearl, F. B., and **Waters, M. R., 1999, A geoarchaeological assessment of alluvial valleys at Camp Pendleton with an overview of the important natural site formation processes: *Pacific Coast Archaeological Quarterly*, v. 35, p. 19-32.**
- Waters, M. R., 1998, The effect of landscape and hydrologic variables on the prehistoric Salado: Geoarchaeological investigations of the Tonto Basin, Arizona: *Geoarchaeology: An International Journal*, v. 13, p. 105-160.**
- Waters, M. R., 1998, The Sulphur Spring stage of the Cochise Culture and its place in Southwestern prehistory: *The Kiva*, v. 64, p. 115-135.**

- Waters**, M. R., Forman, S., and Pierson, J., 1997, Diring Yuriakh: A Lower Paleolithic site in central Siberia: *Science*, v. 275, p. 1281-1284.
- Waters**, M. R., Forman, S., and Pierson, J., 1997, Evaluation of the stratigraphy and age of Diring Yuriakh: a Lower Paleolithic site in central Siberia: *Current Research in the Pleistocene*, v. 14, p. 87-89.
- Waters**, M. R., and Kuehn, D. D., 1996, The geoarchaeology of place: The effect of geological processes on the preservation and interpretation of the archaeological record: *American Antiquity*, v. 61, p. 483-497.
- Waters**, M. R., and Nordt, L., 1995, Late Quaternary floodplain history of the Brazos River, in Texas: *Quaternary Research*, v. 43, issue 3, p. 311-319.
- Nordt, L. C., Boutton, T. W., Hallmark, C. T., **Waters**, M. R., 1994, Late Quaternary vegetation and climate changes in central Texas based on stable carbon isotopes: *Quaternary Research*, v. 41, p. 109-120.
- Waters**, M. R., Giardino, J. R., Ryter, D., and Parrent, J. M., 1993, Geoarchaeological investigations of St. Ann's Bay, Jamaica: The search for the Columbus Caravels and an assessment of 1000 years of human land use: *Geoarchaeology: An International Journal*, v. 8, p. 259-279.
- Waters**, M. R., 1991, The geoarchaeology of gullies and arroyos in southern Arizona: *Journal of Field Archaeology*, v. 18, p. 141-159.
- Ellis, G. L., and **Waters**, M. R., 1991, Cultural and landscape influences on Tucson Basin Hohokam settlement: *American Anthropologist*, v. 93, p. 125-137.
- Largent, F. B., Jr., **Waters**, M. R., and Carlson, D. L., 1991, The spatiotemporal distribution and characteristics of Folsom projectile points in Texas: *Plains Anthropologist*, v. 36, p. 323-341.
- Waters**, M. R., and Woosley, A. I., 1990, The geoarchaeology and Archaic prehistory of the Willcox Basin, southeastern Arizona: *Journal of Field Archaeology*, v. 17, p. 163-175.
- Largent, F. B., Jr., and **Waters**, M. R., 1990, The distribution of Folsom points in Texas: *Current Research in the Pleistocene*, v. 7, p. 27-28.
- Woosley, A. I., and **Waters**, M. R., 1990, Reevaluation of early Cochise artifact associations with Pleistocene Lake Cochise, southeastern Arizona: *American Antiquity*, v. 55, p. 360-366.

- Waters, M. R.**, 1989, Late Pleistocene and Holocene lacustrine history and paleoclimatic significance of pluvial Lake Cochise, southern Arizona: *Quaternary Research*, v. 32, p. 1-11.
- Waters, M. R.**, 1989, Late Quaternary pluvial episodes of Lake Cochise Arizona: *Current Research in the Pleistocene*, v. 6, p. 93-95.
- Waters, M. R.**, 1988, Holocene alluvial geology and geoarchaeology of the San Xavier reach of the Santa Cruz River, Arizona: *Geological Society of America Bulletin*, v. 100, p. 479-491.
- Waters, M. R.**, 1988, Impact of fluvial adjustments on archaeological sites and settlement patterns along the San Xavier Reach of the Santa Cruz River, Arizona: *Geoarchaeology: An International Journal*, v. 3, p. 205-219.
- Waters, M. R.**, 1988, Implications of the alluvial record of the Santa Cruz River to the discovery of Paleo-Indian and early Archaic sites in the Tucson Basin, Arizona: *Current Research in the Pleistocene*, v. 5, p. 98-99.
- Waters, M. R.**, 1986, The Sulphur Spring phase and its place in New World prehistory: *Quaternary Research*, v. 25, p. 251-256.
- Waters, M. R.**, 1986, Sulphur Springs Woman: An early human skeleton from southeastern Arizona: *American Antiquity*, v. 51, p. 361-365.
- Waters, M. R.**, and Field, J. J., 1986, Geomorphic analysis of Hohokam settlement patterns on alluvial fans along the western flank of the Tortolita Mountains, Arizona: *Geoarchaeology: An International Journal*, v. 1, p. 329-345.
- Waters, M. R.**, 1985, Late Quaternary alluvial stratigraphy of Whitewater Draw, Arizona: Implications for regional correlation of fluvial deposits in the American Southwest: *Geology*, v. 13, p. 705-708.
- Waters, M. R.**, 1985, Early Holocene occupation along Whitewater Draw, southeastern Arizona: The Sulphur Spring stage: *Current Research in the Pleistocene*, v. 2, p. 31-33.
- Waters, M. R.**, 1983, Late Holocene lacustrine chronology and archaeology of ancient Lake Cahuilla, California: *Quaternary Research*, v. 19, no. 3, p. 373-387.
- Waters, M. R.**, 1983, Man and Pleistocene Lake Cahuilla, California: *Journal of New World Archaeology*, v. 5, no. 3, p. 1-3.

## **Refereed Book Chapters**

- Ravesloot, J. C., Darling, J. A., and **Waters**, M. R., 2009, Hohokam and Pima-Maricopa irrigation agriculturalists: Maladaptive or resilient societies, in Fisher, C., Hill, J. B., and Feinman, G., eds., *The Archaeology of Environmental Change: Socionatural Legacies of Degradation and Resilience*: Tucson, University of Arizona Press, p. 232-245.
- Waters**, M. R., 2009, Archaeological Excavations of the Center Hill Site (SDM W-179), San Diego County, California, in Kaldenberg, R. L., ed., *Something Resembling an Anthropologist: Papers in Memory of Paul Ezell*: Redlands, California, San Bernardino County Museum Association, Quarterly, Volume 54, No. 4, p. 53-73.
- Waters**, M. R., 2008, Alluvial chronologies and archaeology of the Gila River Drainage Basin, Arizona, *Fluvial Deposits and Environmental History: Geoarchaeology, Paleohydrology, and Adjustment to Environmental Change*, in Hudson, P. F., Butzer, K. W., and Beach, T., eds., *Proceedings of the 39<sup>th</sup> Annual Binghamton Geomorphology Symposium*: Amsterdam, Elsevier, p. 332-341.
- Waters**, M. R., 2006, Prehistoric human response to landscape changes in the American Southwest, in Doyel, D. E., and Dean, J. S., eds., *Environmental Change and Human Adaptation in the Ancient American Southwest*: Albuquerque, University of New Mexico Press, p. 26-45.
- Waters**, M. R., 2004, The role of geoarchaeology in the search for the first Americans, in Lepper, B. T., and Bonnicksen, R., eds., *New Perspectives on the First Americans*: College Station, Center for the Study of the First Americans, Texas A&M University, p. 187-192.
- Waters**, M. R., 2003, Dating late Quaternary alluvial stratigraphic sequences, in Howard, A. J., Macklin, M. G., and Passmore, D. G., eds., *Alluvial Archaeology in Europe*: Lisse, The Netherlands, Swets & Zeitlinger B.V., p. 305-312.
- Waters**, M. R., 1990, Late Quaternary alluvial stratigraphy and early Holocene archaeology of Whitewater Draw, Arizona, in Donahue, J. D., and Lasca, N. P., eds., *Archaeological Geology of North America*: Boulder, Colorado, Geological Society of America Centennial Special Volume 4, p. 315-322.
- Waters**, M. R., 1990, The Sulphur Spring - Clovis Controversy, in Derevyenko, A. P., ed., *Chronostratigraphy of the Paleolithic in North, Central, East Asia and America*: Novosibirsk, U.S.S.R., U.S.S.R. Academy of Sciences, p. 249-254.

- Waters, M. R., and Haynes, C. V., 1987, Archaeological geology of Paleo-Indian sites in southeastern Arizona, in Davis, G. H., and Vanden Dolen, E. M., eds., *Geologic Diversity of Arizona and its Margins: Arizona Bureau of Geology and Mineral Technology Special Paper 5*: Tucson, Arizona, p. 212-220.**
- Waters, M. R., 1985, Early man in the New World: An evaluation of the radiocarbon dated pre-Clovis sites in the Americas, in Mead, J. I., and Meltzer, D., eds., *Environments and Extinctions: Man in Late Glacial North America*: Orono, Center for the Study of Early Man, University of Maine, p. 125-143.**
- Waters, M. R., 1982, Ceramic data from Lowland Patayan sites, in McGuire, R. H., and Schiffer, M. B., eds., *Hohokam and Patayan: Prehistory of Southwestern Arizona*: New York, Academic Press, p. 571-580.**
- Waters, M. R., 1982, The Lowland Patayan ceramic tradition, in McGuire, R. H., and Schiffer, M. B., eds., *Hohokam and Patayan: Prehistory of Southwestern Arizona*: New York, Academic Press, p. 275-298.**
- Waters, M. R., 1982, The Lowland Patayan ceramic typology, in McGuire, R. H., and Schiffer, M. B., eds., *Hohokam and Patayan: Prehistory of Southwestern Arizona*: New York, Academic Press, p. 537-570.**
- Waters, M. R., 1982, Trail shrines at site SDM C-1, in McGuire, R. H., and Schiffer, M. B., eds., *Hohokam and Patayan: Prehistory of Southwestern Arizona*: New York, Academic Press, p. 533-536.**

### **Refereed Monographs and Books**

- Waters, M. R., Pevny, C. D., and Carlson, D. L., 2011, *Clovis Lithic Technology: Investigation of a Stratified Workshop at the Gault Site, Texas*: College Station, Texas A&M University Press.**
- Waters, M. R., 2011, *Principles of Geoarchaeology: A North American Perspective*, Japanese Language Edition: Tokyo, Japan (in press).**
- Waters, M. R., 2004, *Lone Star Stalag: German Prisoners of War at Camp Hearne*: College Station, Texas A&M University Press, 268 p.**
- Waters, M. R., 1992, *Principles of Geoarchaeology: A North American Perspective*: Tucson, University of Arizona Press, 398 p.**

Wallace, C. A., Lidke, D. J., **Waters**, M. R., and Obradovich, J. D., 1989, Rocks and structure of the southern Sapphire Mountains, Granite and Ravalli Counties, western Montana: *U.S. Geological Survey Bulletin 1824*, 29 p., 1 color geologic map.

**Waters**, M. R., 1986, The Geoarchaeology of Whitewater Draw, Arizona: *University of Arizona Anthropological Papers no. 45*: Tucson, University of Arizona Press, 81 p.

### **Refereed Edited Volumes**

Bonnichsen, R., Lepper, B. T., Stanford, D., and **Waters**, M. R. (eds.), 2005, *Paleoamerican Origins: Beyond Clovis*: College Station, Center for the Study of the First Americans, Texas A&M University, 367 p.

### **Refereed Geologic Maps**

Loen, J. S., and **Waters**, M. R., 1988, Geologic map of the Pioneer District, Powell County, Montana: *U. S. Geological Survey Open-File Report 87-0346*, 1 map.

Wallace, C. A., Schmidt, R. G., Lidke, D. J. **Waters**, M. R., and others, 1987, Preliminary Geologic Map of the Butte 1° x 2° Quadrangle, western Montana: *U.S. Geological Survey Open File Report OF-86-292*, 14 p., 1 map.

Elliot, J. E., **Waters**, M. R., Campbell, W. L., and Avery, D. W., 1984, Mineral resource potential and geologic map of the Dolus Lakes roadless area, Powell and Granite Counties, Montana: *U.S. Geological Survey Miscellaneous Field Studies Map, MF-1640-A*, 16 p., 1 map.

Wallace, C. A., Schmidt, R. G., **Waters**, M. R., Lidke, D. J., and French, A. B., 1981, Preliminary geologic map of parts of the Butte 1 X 2 degree quadrangle, Montana: *U. S. Geological Survey Open-File Report 81-1030*, 3 sheets.

### **Book Reviews**

**Waters**, M. R., 1999, Review of Herz, N., and Garrison, E. G., *Geological Methods for Archaeology*, 1998. *Geoarchaeology: An International Journal*, vol. 14, p. 365-369.

**Waters**, M. R., 1999, Review of Rapp, G., Jr., and Hill, C. L., *Geoarchaeology: The Earth-Science Approach to Archaeological Interpretation*, 1998. *Geoarchaeology: An International Journal*, vol. 14, p. 365-369.

**Waters, M. R.**, 1996, Review of Bettis, E. A. (ed.), *Archaeological Geology of the Archaic Period in North America*, 1995. *Geoarchaeology: An International Journal*, vol. 11, p. 512-513.

**Waters, M. R.**, 1995, Review of Beck, C., *Dating in Exposed and Surface Contexts*, 1994. *American Antiquity*, vol. 60, p. 768-769.

**Waters, M. R.**, 1993, Review of Taylor, R. E., Long, A., and Kra, R. S. (eds.), *Radiocarbon After Four Decades: An Interdisciplinary Perspective*, 1992. *Geoarchaeology: An International Journal*, vol. 8, p. 251-252.

**Waters, M. R.**, 1988, Review of Mahaney, W. C., *Quaternary Dating Methods*, 1984. *Geoarchaeology: An International Journal*, vol. 3, no. 4, p. 305-306.

**Waters, M. R.**, 1988, Review of Rutter, N., *Dating Methods of Pleistocene Deposits and Their Problems*, 1985. *Geoarchaeology: An International Journal*, vol. 3, no. 4, p. 305-306.

**Waters, M. R.**, 1987, Review of Rosen, A. M., *Cities of Clay: The Geoarchaeology of Tells*, 1986. *The American Association of Stratigraphic Palynologists Newsletter*.

### **Replies and Comments**

**Waters, M. R.**, 2010, Comment on "The 12.9-ka ET impact hypothesis and North American Paleoindians:" *Current Anthropology*, v. 51, p. 597-598

**Waters, M. R.**, and Stafford, T. W., 2007, Response to Comment on "Redefining the age of Clovis: Implications for the Peopling of the Americas": *Science*, v. 317, p. 320.

**Waters, M. R.**, Forman, S. L., and Pierson, J. M., 1999, More about Diring Yuriakh: Unsolved geoarchaeological problems at a 'Lower' Paleolithic site in central Siberia: Comment: *Geoarchaeology: An International Journal*, v. 14, p. 361-364.

**Waters, M. R.**, Forman, S. L., and Pierson, J. M., 1997, The age of the Diring Yuriakh archaeological site: Reply to Huntley and Richards: *Ancient TL*, v. 15, p. 50-51.

**Waters, M. R.**, 1986, Comment on "Late Quaternary alluvial stratigraphy of Whitewater Draw, Arizona: Implications for regional correlation of fluvial deposits in the American Southwest": Reply: *Geology*, v. 14, p. 627.

## **Contracts and Technical Reports**

Wright, David K. and **Waters, Michael R.**, 2011, *Results of Geomorphic Test Excavations Along the Middle Gila River Within the Gila River Indian Community, Arizona*. Gila River Indian Community, P-MIP Report No. 11.

Wright, D., **Waters, M. R.**, and Loendorf, C., 2010, *Geoarchaeological Testing of McClellan Wash and Archaic Wells, Gila River Indian Community, Arizona*: P-MIP Technical Report 2008-04. Gila River Indian Community, Cultural Resources Program, Sacaton, Arizona.

**Waters, M. R.**, 2009, Geoarchaeological Investigations, in Czarzasty, John L., Peterson, Kathleen, Rice, Glen E., and Darling J. Andrew, eds., *Trails, Rock Features and Homesteading in the Gila Bend Area: A Report on the State Route 85 Gila Bend to Buckeye Archaeological Project*: Gila River Indian Community Anthropological Research Papers Number 4, Arizona State University Anthropological Field Studies Number 43. Gila River Indian Community, Cultural Resources Program, Sacaton, Arizona.

Onken, J., **Waters, M. R.**, and Homburg, J. A., 2004, *Geoarchaeological Assessment for the Tres Rios Project, Maricopa County, Arizona*: Technical Report 03-68. Statistical Research, Inc., Redlands, California

Ravesloot, J. C., and **Waters, M. R.**, 2002, A geoarchaeological approach to interpreting site patterning on the middle Gila River Valley, Arizona, in Ravesloot, J. C., ed., *Visible Archaeology on the Gila River Indian Reservation*: P-MIP Report no. 21. Gila River Indian Community, Cultural Resources Program, Sacaton, Arizona.

**Waters, M. R.**, 2001, *Geoarchaeological Studies, Gila River Indian Community, Arizona*: P-MIP Technical Report no. 2001-12. Gila River Indian Community, Cultural Resources Program, Sacaton, Arizona.

**Waters, M. R.**, 2000, A brief geoarchaeological reconnaissance of Camp Barkeley, in Thoms, A., ed., *Tool-Stone Procurement Areas on Callahan Divide: A Survey of Camp Barkeley, Taylor County, Texas*: Center for Ecological Archaeology, Texas A&M University, Technical Report No. 2, p. 35-39.

**Waters, M. R.**, 1998, Geoarchaeological investigations in the Tonto Basin, Arizona, in Spielmann, K. A., ed., *Environment and Subsistence in the Classic Period Tonto Basin: The Roosevelt Archaeology Studies, 1989-1998*: Tempe, Arizona State University Anthropological Field Studies number 39, p. 7-47.

- Pearl, F. B., and **Waters**, M. R., 1998, *Geoarchaeological Assessment of the Potential for Buried Archaeological Sites Within Sixteen Drainages on the Camp Pendleton Marine Corps Base, California*: Technical report, ASM Affiliates, San Diego, California.
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**Waters**, M. R., 1983, Geology and paleoenvironmental reconstruction, in Rice, G. E., ed., *The Picacho Reservoir Archaic Complex: A Research Design*: Tempe, Arizona State University Anthropological Field Studies Number 5, p. 27-32.

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### **Popular Articles**

**Waters**, M. R., 2009, Who got here first? *Spirit, Texas A&M Foundation*, v. 10, no. 2, p. 22-25.

Shafer, H. J., and **Waters**, M. R., 2000, *Archaeological Legacy at Peaceable Kingdom Retreat for Children, Bell County, Texas*. Peaceable Kingdom Retreat for Children, Temple, Texas.

**Waters**, M. R., 2000, Proving Pre-Clovis: Criteria for confirming human antiquity in the New World: *Scientific American Discovering Archaeology*, v. 2, no. 1, p. 47-49.

**Waters**, M. R., 2000, The role of geology in the search for the first Americans: *Archaeology Southwest*, v. 14, p. 4-5.

### **RESEARCH GRANTS**

Geological Society of America, 1979

Great Basin Foundation, San Diego, California, 1979

Hearne Heritage League, Texas, 1997

International Research and Exchange Board, Travel Grant, 1989

National Geographic Society Research Grant, *Geoarchaeological Investigations of the Lower Paleolithic Diring Yuriak Site, Siberia*, 1993

National Park Foundation, Shared Beringia Heritage Program, *Early Humans on the Bering Land Bridge: A Proposal to Test the Fluted Point Locality near Serpentine Hot Springs, Seward Peninsula, Alaska*, (with Goebel, T.), 2008

National Science Foundation

*Early Humans on the Bering Land Bridge: A Proposal to Investigate the Fluted-Point Site at Serpentine Hot Springs, Alaska* (with Goebel, T. and Graf, K.), 2011

*Geoarchaeological Investigations into Paleoindian Adaptations at the Aucilla River, Northwest Florida*, (Dissertation support for J. Halligan), 2010.

*What is the Nenana Complex? New Excavations at the Late-Pleistocene Owl Ridge Site, Central Alaska* (with Graf, K. and Goebel, T.), 2009

*Geoarchaeology and dating climatic events in the middle Rio Negro Valley, Argentina* (Dissertation support for H. Luchsinger), 2004

*Ushki-1 and the Pleistocene Peopling of America* (with Goebel, T.), 2000

Sigma Xi, Grants-in-Aid of Research, 1982

Texas A&M University

Center for Teaching Excellence Incentive Grant, 1996 – 1998

College of Liberal Arts Summer Research Award, 1987 – 1989

College of Liberal Arts Faculty Fellowship, 2001 – 2003

Faculty Development Leave, 1992, 1997, 2003, 2008

Glasscock Center for Humanities Research, Humanitarians Informatics Grant Program, PaleoAmerican Artifact Digital Archive, 2004

Interdisciplinary Research Initiatives Program, 1995, 1997, 1999

Interdisciplinary Research Initiatives Program, Paleoindians of Texas: The Search for the Earliest Americans, 1996

International Enhancement Grant, 1989

Mini-Grant, 1991, 1993, 1995, 2001

Texas Higher Education Coordinating Board Grant

Advanced Research Program, *Earliest Migration of Homo erectus into Asia during the Lower Pleistocene* (with Norm Whalen), 1989

Advanced Research Program, *Geoarchaeological Investigations of the Paleolithic Sites Along the Lena and Aldan Rivers, Central Siberia*, 1993 (Waters PI)

Advanced Research Program, *The Gault Site: Art and Archaeology of the Earliest Texans*, 1999 (Waters PI)

Texas Historical Commission, Texas Preservation Trust Fund Grant, *Archaeological Investigations of the Gault site, Texas*, 1999

Wenner-Gren Foundation for Anthropological Research, *Geoarchaeological Investigations of the Whitewater Draw, Arizona*, 1982

## **RESEARCH CONTRACTS**

Research contracts have been awarded from the following agencies and organizations:

Arizona Department of Transportation  
Gila River Indian Reservation, Arizona  
Texas Department of Transportation  
U.S. Army Corps of Engineers  
U.S. Bureau of Land Management  
U.S. Bureau of Reclamation  
U.S. Department of Defense  
U.S. Geological Survey

## **ENDOWMENT DEVELOPMENT**

Negotiated the move of the Center for the Study of the First Americans from Oregon State University and the establishment of the Center at Texas A&M University, 2002. \$1.9 million endowment held at Texas A&M University Foundation.

North Star Archaeological Research Program, Texas A&M University, College Station, Texas  
Negotiated the establishment of the North Star Archaeological Research Program at Texas A&M University, College Station, Texas, 2002. \$1.0 million endowment held at Texas A&M University Foundation (\$2.5 million bequest will increase this endowment to \$3.5 million).

Center for the Study of the First Americans Research Endowment  
Negotiated the establishment of a general research endowment for the Center, 2008. \$1.0 million (bequest).

Roy J. Shlemon Student Field Geoarchaeology Fund  
Negotiated the establishment of a scholarship fund for students working with the Center, 2006. \$120,000 endowment held by the Texas A&M Foundation (this endowment is being added to annually).

Total Endowments Raised: \$7.2 million

I also have raised over \$250,000 in one-time gifts to support Center students and research.

## LECTURES

### **Prestigious Invited International Lectures**

**Waters, M. R., 2009, *A geoarchaeological approach to the peopling of the Americas: site context and formation at the Gault and Buttermilk Creek sites, Texas, U.S.A.*** Keynote address presented at “Geoarchaeology: From Landscape to Laboratory and Back Again,” University of Sheffield, England.

**Waters, M. R., 2000, *Alluvial stratigraphy and geoarchaeology in the Southwestern United States.*** Keynote address presented as the Distinguished International Visiting Scholar at “The alluvial archaeology of north-west Europe and the Mediterranean,” University of Leeds, England.

**Waters, M. R., 2000, *Geoarchaeological Investigations at the Gault Clovis site, Texas, U.S.A.*** Special lecture presented at the School of Geography, University of Leeds, England.

### **Prestigious Invited National Lectures**

**Waters, M. R., 2008, *The First Americans: A View from the Gault and Buttermilk Creek Sites, Texas.*** Lecture presented at the annual H. Marie Wormington Lecture, Museum of Nature and Science, Denver, Colorado.

### **Prestigious Invited Texas A&M University Lectures**

**Waters, M. R., 2008, *The Earliest Texans: Geoarchaeological and Archaeological Investigations of the Gault and Buttermilk Creek Sites.*** Lecture presented at the Annual Professor Emeritus Lecture in Geography, Texas A&M University, College Station, Texas.

**Waters, M. R., 2006, *Geoarchaeology. The Application of Geological Concepts and Methods to Interpret the Past.*** Lecture presented at the annual Dr. George Carter, Sr. Geography Seminar, Texas A&M University, College Station, Texas.

**Waters, M. R., 2006, *Lone Star Stalag: German Prisoners of War at Camp Hearne, Texas.*** Lecture presented at the Fallon-Marshall Lecture, Clayton Williams Alumni Center, Texas A&M University, College Station, Texas.

### **Invited University Lectures**

**Waters**, M. R., 2010, *The First Americans: A View from the Gault and Buttermilk Creek Sites, Texas*. Keynote address presented at the *Environmental Change and Human Settlement of High Latitudes Session* of the Evolution of the High-Latitude Northern Hemisphere special conference, November 3, 2010, University of Maine, Orono.

**Waters**, M. R., 2010, *Pre-Clovis Sites in the Americas: Manis Mastodon Site, Washington and Hueyatenco Site, Mexico*. Lecture presented at the University of Maine, Orono.

**Waters**, M. R., 2007, *Geoarchaeology: The Application of Geological Concepts and Methods to Interpret the Past*. Lecture presented at the University of Texas, Dallas, Texas.

**Waters**, M. R., 2002, *Geoarchaeological and archaeological investigations at the Gault site, Texas*. Lecture presented at Washington University, St. Louis, Missouri.

**Waters**, M. R., 2002, *Geoarchaeological investigations of alluvial environments in southern Arizona*. Lecture presented at Washington University, St. Louis, Missouri.

**Waters**, M. R., 2001, *Alluvial Geoarchaeology in the American Southwest*. Lecture presented at Arizona State University, Tempe, Arizona.

**Waters**, M. R., 1999, *Alluvial stratigraphic studies in the American Southwest: An example from the middle Gila River, Arizona*. Lecture presented at University of Arizona, Tucson, Arizona.

**Waters**, M. R., 1999, *Geoarchaeological studies at Diring Yuriakh, Siberia*. Lecture presented at the University of Illinois, Chicago.

**Waters**, M. R., 1998, *Geoarchaeological studies at Diring Yuriakh*. Lecture presented at Baylor University, Waco, Texas.

### **Invited International Lecture**

**Waters**, M. R., 2010, *The First Americans: A View from the Gault and Buttermilk Creek Sites, Texas*. Invited paper presented at the University of Leicester, December 8, 2010, Leicester, United Kingdom.

**Waters**, M. R., 2009, *The First Americans: Clovis Dating and a Pre-Clovis Discovery at the Buttermilk Creek Site, Texas*. Lecture presented at the Institute for the History of Material Culture, Russian Academy of Sciences, St. Petersburg, Russia.

## PRESENTATIONS

### Prestigious Invited National and International Conferences

- Waters, M. R.**, 2008, *Alluvial Chronologies and Geoarchaeology in the American Southwest*. Paper presented at the Annual Binghamton Geomorphology Symposium, “Fluvial Deposits and Environmental Change,” Austin, Texas.
- Waters, M. R.**, Forman, S. L., Stafford, T. W., and Foss, J. E., 2005, *Geoarchaeological Investigations at the Topper and Big Pine Sites, South Carolina*. Paper presented at the Clovis in the Southeast Conference, Columbia, South Carolina.
- Waters, M. R.**, 2002, *Geoarchaeological investigations at the Gault Clovis site, Texas*. Paper presented at Early Man in America and their implications on the Peopling of the Basin of Mexico, National Museum of Anthropology, Mexico City.
- Waters, M. R.**, 1999, *A Geoarchaeological approach to the study of early archaeological sites in the western United States*. Paper presented at The Clovis and Beyond Conference, Santa Fe, New Mexico.
- Waters, M. R.**, 1990, *The Sulphur Spring - Clovis controversy*. Paper presented at Chronostratigraphy of the Paleolithic in Asia and America at the Institute of History, Philology, and Philosophy, U.S.S.R. Academy of Sciences, Novosibirsk, U.S.S.R.
- Waters, M. R.**, 1986, *Geoarchaeology of arid fluvial systems in the American Southwest*. Paper presented at the Geological Society of America Penrose Conference on Archaeological Geology.
- Waters, M. R.**, 1986, *Holocene alluvial geology and geoarchaeology of the San Xavier reach of the Santa Cruz River, Arizona*. Paper presented at the Geological Society of America Penrose Conference on Archaeological Geology.

### Invited Special Conferences

- Waters, M. R.**, 2007, *New Radiocarbon Dates for Clovis – Implications for the Peopling of the Americas*. Paper presented at the International Science Conference: Defining Parameters of Scientific Inquiry and Cultural Affiliation, Houston, Texas.
- Waters, M. R.**, 2007, *The Lone Star Stalag: The German POW Camp at Hearne, Texas*. Paper presented at the 8<sup>th</sup> Annual Historic Preservation Symposium, Center of Heritage Conservation, College of Architecture, Texas A&M University, College Station, Texas.

**Waters, M. R.**, 2002, *Camp Hearne: The story of the World War II German prisoner of war camp at Hearne, Texas*. Paper presented at the First World War II-Era POW Conference, Muscatine, Iowa.

**Waters, M. R.**, 2002, *Geoarchaeological investigations at the Topper site, South Carolina*. Paper presented at the Ice Age Man in South Carolina: the Allendale-Topper Site Conference, University of South Carolina, Columbia.

**Waters, M. R.**, 1994, *Geoarchaeological investigations at the Diring site, Siberia*. Paper presented at the Russian Arctic Land-Shelf Systems Conference, Byrd Polar Research Center, Ohio State University, Columbus, Ohio.

**Waters, M. R.**, 1989, *Discussion of the early Archaic prehistory of Southeastern Arizona*. Paper presented at the Southwestern Archaic Conference, Lajitas, Texas.

**Waters, M. R.**, Howard, J., and Greenwald, D., 1988, *Radiometric dating of prehistoric irrigation features: progress and problems*. Paper presented at Arizona Archaeological Council meetings, Phoenix, Arizona, in symposium entitled: "Prehistoric Irrigation in Arizona."

**Waters, M. R.**, 1987, *An Introduction to geoarchaeology and the impacts of site burial*. Paper presented at U.S. Army Corp of Engineers interdisciplinary workshop on the physical-chemical-biological processes affecting archaeological sites, College Station, Texas.

### **Annual National and International Conferences**

**Waters, M. R.**, 2010, *Geomorphic and Human Response to the Younger Dryas at the Buttermilk Creek Site and other localities in Central Texas*. Paper presented at the 75<sup>th</sup> Annual Meeting of the Society for American Archaeology, St. Louis, Missouri.

Keene, J. L. and **Waters, M. R.**, 2010, *Geoarchaeological Site Formation Processes of a Weakly Developed Vertisol at the Buttermilk Creek Site, Texas*. Paper presented at the 75<sup>th</sup> Annual Meeting of the Society for American Archaeology, St. Louis, Missouri.

Lindquist, A. K., Feinberg, J. M., and **Waters, M. R.**, 2009, *Environmental magnetic analysis of a Texas vertisol reveals a record of the Younger Dryas*. Paper presented at the Annual Meeting of the American Geophysical Union, San Francisco, California.

Jennings, T., and **Waters, M. R.**, 2009, *The Paleoindian Sequence at the Buttermilk Creek Site*. Paper presented at the 74<sup>th</sup> Annual Meeting of the Society for American Archaeology, Atlanta, Georgia.

- Goebel, T., Wiederhold, J., and **Waters**, M. R., 2009, *The Fenn Clovis Cache: New Analyses of Artifact Form and Function*. Paper presented at the 74<sup>th</sup> Annual Meeting of the Society for American Archaeology, Atlanta, Georgia.
- Waters**, M. R., 2008, *The Archaeology, Stratigraphy, and Geochronology of the Hueyatenco Site, Mexico*. Paper presented at the 120<sup>th</sup> Annual Meeting of the Geological Society of America, Houston, Texas.
- Waters**, M. R., Arroyo-Cabrales, J., Ochoa-Castillo, P., and Renne, P., 2008, *Geoarchaeological Investigations of the Hueyatenco Site, Valsequillo Reservoir, Mexico*. Symposium presentation at the 73<sup>rd</sup> Annual Meeting of the Society of American Archaeology, Vancouver, Canada.
- Keene, J., and **Waters**, M. R., 2008, *Site Formation Processes at the Buttermilk Creek Site (41BL1239), Bell County, Texas*. Paper presented at the 73<sup>rd</sup> Annual Meeting of the Society of American Archaeology, Vancouver, Canada.
- Waters**, M. R., 2007, *Geoarchaeological Investigations at the Gault site, Texas*. Symposium presentation at the 72<sup>nd</sup> Annual Meeting of the Society for American Archaeology, Austin, Texas.
- Waters**, M. R., Shafer, H., and Carlson, D., 2007, *The Archaeology and Geoarchaeology of the Gault Site, Texas: Texas A&M University Excavations*. Paper presented at the 72<sup>nd</sup> Annual Meeting of the Society for American Archaeology, Austin, Texas.
- Feinberg, J., Renne, P., **Waters**, M. R., Arroyo-Cabrales, J., Ochoa-Castillo, P., Perez-Campo, M., 2007, *Age of the Xalnene Ash, Central Mexico: A Rock Magnetic Perspective*. Paper presented at the American Geophysical Union Annual Meeting, Acapulco, Mexico.
- Renne, P. R., Feinberg, J. M., **Waters**, M. R., Arroyo-Cabrales, J., Castillo, P. O., Campa, M. P., and Knight, K. B., 2005, *Age of the Xalnene Ash, Central Mexico and Archeological Implications*. Paper presented at the Annual Meeting of the American Geophysical Union, San Francisco, California.
- Waters**, M. R., and Shafer, H. J., 2004, *Physiographic setting and geoarchaeological investigations at the Gault site*. Paper presented at the 69<sup>th</sup> Annual Meeting of the Society for American Archaeology, Montreal, Canada.
- Forman, S., Collins, M., and **Waters**, M., 2004, *Optically stimulated luminescence (OSL) dating of Clovis-artifact bearing sediments from southern Texas*. Paper presented at the 69<sup>th</sup> Annual Meeting of the Society for American Archaeology, Montreal, Canada.
- Driver, J. L., Wiggins, S. M., Hildebrand, J. A., and **Waters**, M. R., 2004, *Shallow seismic reflection for paleotopography at the Clovis period Gault site in central Texas*. Paper

presented at the 69<sup>th</sup> Annual Meeting of the Society for American Archaeology, Montreal, Canada.

Onken, J., Ciolek-Torrello, R., Homburg, J. A., and **Waters**, M. R., 2004, *Geoarchaeological investigations in the Phoenix Basin: Implications for explaining Hohokam irrigation systems*. Paper presented at the 69<sup>th</sup> Annual Meeting of the Society for American Archaeology, Montreal, Canada.

Ravesloot, J. C., Darling, J. A., and **Waters**, M. R., 2004, *The prehistoric and historic landscapes of the Gila River: Lessons learned from a decade of survey and geoarchaeological research*. Paper presented at the 69<sup>th</sup> Annual Meeting of the Society for American Archaeology, Montreal, Canada.

**Waters**, M. R., 2003, *Late Quaternary Geology and Geoarchaeology of Alluvial Environments in Southern Arizona*. Paper presented at the 115<sup>th</sup> Annual Meeting of the Geological Society of America, Seattle, Washington.

Ciolek-Torrello, R., Homburg, J., **Waters**, M. R., and Onken, J., 2003, *Canals, Soils, Streamflow, and Settlement in the Western Phoenix Basin*. Paper presented at the 68<sup>th</sup> Annual Meeting of the Society for American Archaeology, Milwaukee, Wisconsin.

Ravesloot, J. C., Leondorf, C., **Waters**, M. R., and Adams, K. R., 2003, *Water Catchment Facilities in the Sonoran Desert*. Paper presented at the 68<sup>th</sup> Annual Meeting of the Society for American Archaeology, Milwaukee, Wisconsin.

**Waters**, M. R., and Ravesloot, J. C., 2002, *Landscape change and its effect on prehistoric irrigation agriculturalists*. Paper presented at the 67<sup>th</sup> Annual Meeting of the Society for American Archaeology, Denver, Colorado.

Goebel, T., **Waters**, M. R., and Dikova, M., 2002, *The Ushki sites, Kamchatka, and the Pleistocene peopling of the Americas*. Paper presented at the 67<sup>th</sup> Annual Meeting of the Society for American Archaeology, Denver, Colorado.

Ravesloot, J. C., and **Waters**, M. R., 2002, *A geoarchaeological approach to interpreting site patterning on the middle Gila River Valley, Arizona*. Paper presented at the 67<sup>th</sup> Annual Meeting of the Society for American Archaeology, Denver, Colorado.

Darling, J. A., Ravesloot, J. C., and **Waters**, M. R., 2002, *Village drift, riverine settlement, and the cause for Hohokam-Piman continuity*. Paper presented at the 67<sup>th</sup> Annual Meeting of the Society for American Archaeology, Denver, Colorado.

**Waters**, M. R., and Shafer, H. J., 2001, *Geoarchaeological investigations at the Gault Clovis Site, Texas*. Paper presented at the 66<sup>th</sup> Annual Meeting of the Society for American Archaeology, New Orleans, Louisiana.

- Shafer, H. J., and **Waters**, M. R., 2001, *Clovis archaeology at the Gault Site, Texas*. Paper presented at the 66<sup>th</sup> Annual Meeting of the Society for American Archaeology, New Orleans, Louisiana.
- Waters**, M. R., and Ravesloot, J. C., 1999, *Geoarchaeological investigations of the middle Gila River, Gila River Indian Reservation, Arizona*. Paper presented at the 64<sup>th</sup> Annual Meeting of the Society for American Archaeology, Chicago, Illinois.
- Waters**, M. R., 1998, *The first Siberians: Geoarchaeological studies at Diring Yuriakh*. Paper presented at the 63<sup>rd</sup> Annual Meeting of the Society for American Archaeology, Seattle, Washington.
- Kuehn, D. D., and **Waters**, M. R., 1998, *Dynamic landscape change as a significant agent in archaeological site formation: physical and interpretive examples from the Great Plains and Southwest*. Paper presented at the 63<sup>rd</sup> Annual Meeting of the Society for American Archaeology, Seattle, Washington.
- Neily, R. B., **Waters**, M. R., Ravesloot, J. C., and Archer G., 1998, *Geoarchaeological studies on the Gila River Indian Community, Arizona*. Paper presented at the 63<sup>rd</sup> Annual Meeting of the Society for American Archaeology, Seattle, Washington.
- Presley, L., and **Waters**, M. R., 1998, *A Preliminary Assessment of Information Gathered from Camp Hearne, A World War II Prisoner of War Camp*. Paper presented at the Annual Meetings of the Society for Historical Archaeology, Atlanta, Georgia.
- Waters**, M. R., 1997, *Geoarchaeological studies at Diring Yuriakh: A Lower Paleolithic site in western Beringia*. Paper presented at the 62<sup>nd</sup> Annual Meeting of the Society for American Archaeology, Nashville, Tennessee.
- Waters**, M. R., 1996, *The use of geoarchaeological methods to resolve the Sulphur Spring-Clovis relationship*. Paper presented at the 61<sup>st</sup> Annual Meeting of the Society for American Archaeology, New Orleans, Louisiana.
- Waters**, M. R., and Rice, G., 1996, *Contributions of geoarchaeological studies to cultural resource management*. Paper presented at the 61<sup>st</sup> Annual Meeting of the Society for American Archaeology, New Orleans, Louisiana.
- Brodbeck, M., James, S. R., Ravesloot, J. C., and **Waters**, M. R., 1996, *Hohokam settlement patterning and land use along the middle Gila River, Arizona*. Paper presented at the 61<sup>st</sup> Annual Meeting of the Society for American Archaeology, New Orleans, Louisiana.
- Waters**, M. R., Forman, S., and Pierson, J., 1995, *Diring Yuriakh: A Lower Paleolithic site in Central Siberia and its implications to the Pleistocene peopling of the Americas*. Paper

presented at the 60<sup>th</sup> Annual Meeting of the Society for American Archaeology, Minneapolis, Minnesota.

**Waters**, M. R., 1994, *Geoarchaeological investigations in the Tonto Basin, Arizona*. Paper presented at the 59<sup>th</sup> Annual Meeting of the Society for American Archaeology, Anaheim, California.

**Waters**, M. R., 1993, *The role of geoarchaeology in archaeological research*. Paper presented at the 58<sup>th</sup> Annual Meeting of the Society for American Archaeology, St. Louis, Missouri.

**Waters**, M. R., Giardino, J. R., and Parrent, J. M., 1993, *Geoarchaeological investigations of St. Ann's Bay, Jamaica: the search for the Columbus caravels and an assessment of 1000 years of human land use*. Paper presented at the 58<sup>th</sup> Annual Meeting of the Society for American Archaeology, St. Louis, Missouri.

**Waters**, M. R., Giardino, J. R., and Parrent, J. M., 1993, *Geoarchaeological investigations of St. Ann's Bay, Jamaica*. Paper presented at the annual meeting of the Society for Historical Archaeology, Kansas City, Kansas.

Nordt, L. C., Boutton, T. W., Hallmark, C. T., and **Waters**, M. R., 1993, *Late Quaternary Vegetation and Climatic Changes in Central Texas Based on the Isotopic Composition of Organic Carbon*. Paper presented at the Annual Meeting of the Soil Science Society of America, Cincinnati, Ohio.

Giardino, J. R., **Waters**, M. R., Ryter, D., and Parrent, J. M., 1992, *Using geomorphology to reconstruct former historic shorelines in St. Ann's Bay, Jamaica: the search for Columbus' Caravels*. Paper presented at the Annual Meeting of the Association of American Geographers, San Diego, California.

**Waters**, M. R., and Haywood, N. A., 1991, *Geomorphic setting of archaeological sites along the central portion of the Brazos River Valley, Texas*. Paper presented at the 56<sup>th</sup> Annual Meeting of the Society for American Archaeology, New Orleans, Louisiana.

**Waters**, M. R., 1991, *The application of geoarchaeology to the Archaic period in the American Southwest*. Paper presented at the 104<sup>th</sup> Annual Meeting of the Geological Society of America, San Diego, California.

Giardino, J. R., **Waters**, M. R., Ryter, D., and Parrent, J. M., 1991, *Late Quaternary geology and geoarchaeology of St. Ann's Bay, Jamaica*. Paper presented at the 104<sup>th</sup> Annual Meeting of the Geological Society of America, San Diego, California.

Whalen, N., Pease, D. W., and **Waters**, M. R., 1991, *Archaeological Survey in southwest Yemen*. Paper presented at the 56<sup>th</sup> Annual Meeting of the Society for American Archaeology, New Orleans, Louisiana.

- Waters, M. R.**, 1990, *The Sulphur Spring and Cazador Stages of the Cochise Culture: A Geoarchaeological Reevaluation*. Paper presented at the 55<sup>th</sup> Annual Meeting of the Society for American Archaeology, Las Vegas, Nevada.
- Haywood, N. A., and **Waters, M. R.**, 1990, *Late Quaternary alluvial history of the Brazos River floodplain, Texas*. Paper presented at the 103<sup>rd</sup> Annual Meeting of the Geological Society of America, Dallas, Texas.
- Waters, M. R.**, and Woosley A. I., 1989, *A Geoarchaeological Reevaluation of Early Cochise Culture Artifact Associations with Pleistocene Lake Cochise, Arizona*. Paper presented at the 54<sup>th</sup> Annual Meeting of the Society for American, Atlanta, Georgia.
- Ellis, G. L., and **Waters, M. R.**, 1989, *The geoarchaeology of place: an example from the Tucson Basin, Arizona* Paper presented at the 54<sup>th</sup> Annual Meeting of the Society for American, Atlanta, Georgia.
- Steele, D. G., and **Waters, M. R.**, 1989, *Osteological analysis of human skeletal remains assigned to the Sulphur Spring Stage of the Cochise Culture (ca. 8,200-10,400 B.P.)*. Paper presented at the 54<sup>th</sup> Annual Meeting of the Society for American, Atlanta, Georgia.
- Waters, M. R.**, 1988, *Geoarchaeological interpretations of landscape change on the Santa Cruz River floodplain, Arizona*. Paper presented at the 53<sup>rd</sup> Annual Meeting of the Society for American Archaeology, Phoenix, Arizona.
- Waters, M. R.**, 1988, *The Impact of late Holocene landscape processes and evolution on Hohokam settlement patterns along the San Xavier reach of the Santa Cruz River, Arizona*. Paper presented at the 101<sup>st</sup> Annual Meeting of the Geological Society of America, Denver, Colorado.
- Waters, M. R.**, 1987, *Late Quaternary lacustrine stratigraphy; geochronology, and geoarchaeology of ancient Lake Cochise, Arizona*. Paper presented at the 100<sup>th</sup> Annual Meeting of the Geological Society of America, Phoenix, Arizona.
- Waters, M. R.**, 1986, *Holocene alluvial geology and geoarchaeology of the San Xavier reach of the Santa Cruz River, Arizona*. Paper presented at the 99<sup>th</sup> Annual Meeting of the Geological Society of America, San Antonio, Texas.
- Waters, M. R.**, 1985, *The Sulphur Spring phase and early New World prehistory*. Paper presented at the 50<sup>th</sup> Annual Meeting of the Society for American Archaeology, Denver, Colorado.

**Waters, M. R.**, 1981, *Chronology and archaeology of Lake Cahuilla*. Paper presented at the 46<sup>th</sup> Annual Meeting of the Society for American Archaeology, San Diego, California.

### **Annual Regional Conferences**

Keene, J., Sakamoto, T., Goebel, T., **Waters, M. R.**, and Gal, B., 2009, *A new buried and datable fluted site in Beringia: New information from Serpentine Hot Springs*. Paper presented at the 17<sup>th</sup> Annual Arctic Conference, Boulder, Colorado.

Smith, H., Goebel, T., Slobodin, S., **Waters, M. R.**, and Gal, B., 2009, *New dates from Ushki-1, Kamchatka, confirm 13,000 cal B.P. age for earliest Paleolithic Occupation*. Paper presented at the 17<sup>th</sup> Annual Arctic Conference, Boulder, Colorado.

Jennings, T., and **Waters, M. R.**, 2007, *Buttermilk Creek Clovis site: Recent Excavations and Future Directions*. Paper presented at the Texas Archaeological Society Annual Meeting, San Antonio, Texas.

Goebel, T., **Waters, M.**, and Dikova, M., 2001, *The Ushki sites and the peopling of the Americas*. Paper presented at the Annual Meeting of the Alaska Anthropological Association, Anchorage, Alaska.

Terry, K., Buvit, I., Goebel, T., **Waters, M.**, and Dikova, M., 2001, *Recent fieldwork at Ushki Lake, a Late Upper Paleolithic site in western Beringia*. Poster presented at the 54<sup>th</sup> Annual Northwest Anthropological Conference, Moscow, Idaho.

**Waters, M. R.**, and Shafer, H. J., 2000, *Geoarchaeological investigations at the Gault Clovis Site, Texas*. Paper presented at the Annual Meeting of the Texas Archaeological Society, Houston, Texas.

Shafer, H. J., and **Waters, M. R.**, 2000, *Clovis archaeology at the Gault Site: Texas A&M University block excavation*. Paper presented at the Annual Meeting of the Texas Archaeological Society, Houston, Texas.

Pearl, F., and **Waters, M. R.**, 1998, *The significance of geoarchaeological research at Camp Pendleton Marine Corps Base*. Paper presented at the Society for California Archaeology Annual Meetings, San Diego, California.

**Waters, M. R.**, 1994, *Principles of Geoarchaeology*. Lecture presented at the annual meeting of the Council of Texas Archaeologists, Austin, Texas.

Giardino, J. R., **Waters, M. R.**, Ryter, D., and Parrent, J. M., 1992, *Using geomorphology to reconstruct former historic shorelines in St. Ann's Bay, Jamaica: the search for*

*Columbus' Caravels*. Paper presented at the Annual Meeting of the National Council for Geographic Education, Santa Domingo.

Jacob, J. S., and **Waters**, M. R., 1988, *Pedo-geomorphic investigations of site 41HR273, Harris County, Texas*. Paper presented at Annual Texas Archaeological Society meetings, Houston, Texas.

**Waters**, M. R., 1987, *Geomorphology and Climatology Session*. Chaired session at the Southwestern Association of American Geographers, Galveston, Texas.

**Waters**, M. R., 1987, *Late Quaternary lacustrine history of pluvial Lake Cochise, Arizona*. Paper presented at the Southwestern Association of American Geographers, Galveston, Texas.

Loen, J. S., and **Waters**, M. R., 1986, *Geology and origin of gold placers in the Pioneer District, Powell County, Montana*. Paper presented at the Rocky Mountain Section Meeting of the Geological Society of America.

## **SYMPOSIUM, FIELD TRIP, AND CONFERENCE ORGANIZATION**

2008, Co-organized Paleoamerican Origins Workshop, sponsored by the Smithsonian Institution, Southeastern Paleoindian Survey, and the Texas Archaeological Research Laboratories. Austin, Texas, February 14-16.

2007, Co-chair and organizer of the symposium "The Gault site, Texas: Results of the Texas A&M University Excavations." 72<sup>nd</sup> Annual Meeting of the Society of American Archaeology, Austin, Texas.

2007, Co-chair and organizer of an official Society of American Archaeology Field Trip to the Gault site, Texas. Created a companion guidebook: "Excursion Guidebook: Gault Site" by M. Collins, M. Waters, R. Barnes, M. Gardner, C. Hemmings, J. Lohse, E. Prewitt, M. Shoberg, C. Timperley, and D. Wernecke. 72<sup>nd</sup> Annual Meeting of the Society for American Archaeology, Austin, Texas.

2006, Co-organized the INQUA/NSF Pleistocene Colonization of Arctic and Subarctic Siberia and Beringia, International Workshop, Texas A&M University, College Station, Texas, November 17-19.

2005, Co-organized and sponsored the Clovis in the Southeast Conference, Columbia, South Carolina, October 26-29.

1987, Organized an official Geological Society of America Field Trip to the San Pedro Valley and Whitewater Draw, Arizona. 100<sup>th</sup> Annual Meeting of the Geological Society of America, Phoenix, Arizona.

## TEACHING

### COURSES TAUGHT

<u>Course No.</u>	<u>Course Title</u>	<u>Sem/Yr</u>	<u>Enrollment</u>
Anth 652	First Americans Archaeology	Spring 10	7
Anth 624	Geoarchaeology	Fall 09	10
Anth 485	Independent Study	Fall 08	3
Anth 202	Introduction to Archaeology	Spring 08	141
Anth 485	Independent Study	Fall 07	2
Anth 624	Geoarchaeology	Spring 07	8
Anth 202	Introduction to Archaeology	Fall 06	184
Anth 485	Independent Study	Fall 06	4
Anth 689	First Americans Archaeology	Spring 06	6

(Note: I was on Faculty Development Leave Fall 2008)

### Courses Taught

Anth 202	Introduction to Archaeology
Anth 330	Field Research in Anthropology (Archaeological Field School)
Anth 401	Ice Age Humans in North America
Anth 489	Paleoindian Archaeology
Anth 489	Historic Archaeological Site Analysis
Anth 489	Prehistoric Site Analysis
Anth 630	Field Research in Anthropology (Archaeological Field School)
Anth 624/Geog 687	Geoarchaeology
Anth 689	Camp Hearne Site Analysis
Anth 689	Gault Site Analysis
Anth 689	First Americans Archaeology
Geog 203	Planet Earth: Introduction to Earth Systems Science (with Lab)
Geog 626	Fluvial Geomorphology
Geog 686	Quaternary Geomorphology
Geog 689	Field Methods in Geoarchaeology
Geog 689	Field Methods in Historical Geography

## STUDENT PROJECTS SUPERVISED

More than 200 undergraduate and graduate students have assisted me with field and laboratory research. They participated as field archaeological surveyors, site excavators, artifact processors, and artifact catalogers.

### Graduate Students Advised

**Jesse Tune**, Ph.D. (2010-present) Chair, Graduate Committee, Dissertation: *Archaeological and Geoarchaeological Investigations of Paleoindian Sites in Tennessee and Kentucky.*

**Jessi Halligan**, Ph.D. (2004 – present) Chair, Graduate Committee, Dissertation: *Geoarchaeological Investigations into Paleoindian Adaptations: Aucilla River, Northwest Florida.*

**Tom Jennings**, Ph.D. (2006 - present) Chair, Graduate Committee, Dissertation: *Late Pleistocene Technological Organization at the Buttermilk Creek Site.*

**Brian Spinney**, M.A. (2009 – present) Chair, Graduate Committee, Thesis: *Geoarchaeological Investigation of the McFadden Beach Paleoindian Site, Texas.*

**Josh Keene**, M.A. (2009) Chair, Graduate Committee, Thesis: *Site Formation Processes at the Buttermilk Creek Site (41BL1239), Bell County, Texas.*

**Charlotte Pevny**, Ph.D (2009) Chair, Graduate Committee, Dissertation: *Clovis Lithic Debitage from Excavation Area 8 at the Gault Site (41BL323) Texas: Form and Function.*

**Juan Urista**, M.A. (2009) Chair, Graduate Committee, Thesis: *Stratigraphy and Geochronology of the Vernor Mammoth Site, Clute, Brazoria County, Texas.*

**Dawn Alexander**, M.A. (2008) Chair, Graduate Committee, Thesis: *Geoarchaeological Investigation of Natural Formation Processes to Evaluate Context of the Clovis Component at the Gault Site (41BL323), Bell County, Texas.*

**Victor Galan**, Ph.D. (2007) Chair, Graduate Committee, Dissertation: *The Hegar Cache (41HR1030).*

**Scott Minchak**, M.A. (2007) Chair, Graduate Committee, Thesis: *A Microwear Study of Clovis Blades from the Gault Site, Bell County, Texas.*

**Michael Aiuvalasit**, M.A. (2006) Chair, Graduate Committee, Thesis: *Geoarchaeological Investigations at the McNeill-Gonzales Site (41VT141), Victoria County, Texas.*

- Heidi Luchsinger**, Ph.D. (2006) Chair, Graduate Committee, Dissertation: *The Late Quaternary Landscape History of the Middle Rio Negro Valley, Northern Patagonia, Argentina: Its Impact on Preservation of the Archaeological Record and Influence on Late Holocene Settlement Patterns.*
- Ashley Smallwood**, M.A. (2006) Chair, Graduate Committee, Thesis: *Use-wear Analysis of the Clovis Biface Collection from the Gault Site in Central Texas.*
- William Dickens**, Ph.D. (2005) Chair, Graduate Committee, Dissertation: *Biface Reduction and Blade Manufacture at the Gault Site (41BL323): A Clovis Occupation in Bell County, Texas.*
- Heidi Luchsinger**, M.A. (2002) Chair, Graduate Committee, Thesis: *Micromorphological Analysis of the Sediments and Soils from the Gault Site, A Clovis Site in Central Texas.*
- Ian Buvit**, M.A. (2000) Chair, Graduate Committee, Thesis: *The Geoarchaeology and Archaeology of Stud'onoye, An Upper Paleolithic Site in Siberia.*
- Brandy Gibson**, M.A. (1997), Chair, Graduate Committee, Thesis: *The Geoarchaeology of Buttermilk Creek, Bell County, Texas.*
- Frederick B. Pearl**, M.A. (1997), Chair, Graduate Committee, Thesis: *Geoarchaeological Investigations of the Upper Lampasas River, Texas.*
- Stanley Davis**, Ph.D. (1996) Chair, Graduate Committee, Dissertation: *The Archaeology of the Yakutat Foreland: A Socioecological View.*
- Lee C. Nordt**, Ph.D. (1996) Co-Chair, Graduate Committee, Dissertation: *Development of a Soil Chronosequence in Late Quaternary Alluvium in Central Texas: A Stable C-Isotope Mass Balance Approach.*
- David D. Kuehn**, Ph.D. (1995) Chair, Graduate Committee, Dissertation: *The Geoarchaeology of the Little Missouri Badlands: The Late Quaternary Stratigraphic and Paleoenvironmental Context of the Archaeological Record.*
- Floyd Largent**, M.A. (1987) Chair, Graduate Committee, Thesis: *The Prehistory of the Little Pin Oak Creek Site (41FY53), Fayette County, Texas.*

## SERVICE

### PROFESSIONAL SERVICE

#### Editorships

General Editor, *The Mammoth Trumpet*, 2003 – present

General Editor, *Current Research in the Pleistocene*, 2003 – present

General Editor, Center for the Study of the First Americans Book Series, 2003 – present

Editor, Geoarchaeology section, *Bulletin of the Society for Archaeological Sciences*, 1997 – 2000

Editorial board member of the Anthropology Book Series, Texas A&M University Press, 1996 – present

Member, Texas A&M University Press Faculty Advisory Committee, 2002 – present

#### Reviewing Services

##### **Journals**

*Advances in Archaeological Method and Theory*

*American Antiquity*

*Antiquity*

*Arctic Anthropology*

*Boreas*

*Bulletin of the Texas Archaeological Society*

*Earth and Planetary Science Letters*

*Geoarchaeology: An International Journal*

*Geological Society of America Bulletin*

*Global and Planetary Change*

*Journal of Archaeological Method and Theory*

*Journal of Archaeological Science*

*Journal of Field Archaeology*

*Journal of Quaternary Science*

*Quaternary Research*

*Radiocarbon*

*Science*

## **Proposals**

Earthwatch  
National Endowment for the Humanities  
National Geographic Society  
National Science Foundation  
U.S. Army Corps of Engineers, Waterways Experiment Station

## **Tenure and Promotion**

University of Texas, Dallas, reviewer for promotion to full professor, 2009.  
Smithsonian Institution, Washington, D.C., reviewer for promotion of Senior Curator of  
Paleoindian Archaeology. 2008  
University of Tennessee, Knoxville, reviewer for promotion to full professor, 2008  
University of North Dakota, Grand Forks, reviewer for tenure and promotion to Associate  
Professor, 2006

## **Books and Edited Volumes**

*Archaeology: A Brief Introduction* by Brian Fagan, reviewed book, 2001  
*Geoarchaeological Perspectives on the Plains*, University of Oklahoma Press, 1994  
Geological Society of America Centennial Special Volume Archaeological Geology of North  
America

## **Other Service**

Scientific advisor, Keystone Archaeological Research Program, Oregon State University, 2008 –  
present.  
Awards Committee, Archaeological Geology Division, the Geological Society of America,  
member 1994 – 1995, chair, 1996.  
Nominating Committee, Archaeological Geology Division, the Geological Society of America,  
member 1987 – 1989, chair 1990.

Fryxell Award Committee, Society for American Archaeology, member 1999 – 2001, chair 2002.

Chaired sessions at the Annual Meetings of the Society for American Archaeology and the Geological Society of America, 1987, 1990, 2004.

## **PUBLIC SERVICE**

### **Public Lectures**

**Waters**, M. R., 2009, *The First Americans: A View from the Gault and Buttermilk Creek sites, Texas*. Lecture presented at the Loveland Stone Age Fair, Loveland, Colorado.

**Waters**, M. R., 2009, *In Search of the First Americans: Recent Discoveries and the Role of Geology in the Pursuit of the Past*. Lecture presented at the Houston Geological Society Guest Night 2009, Houston, Texas.

**Waters**, M. R., 2005, *Camp Hearne: German POWs in Texas*. Lecture presented for the opening of the Camp Hearne Exhibition at the Brazos Valley Museum of Natural History, Bryan, Texas.

**Waters**, M. R., 2005, *Camp Hearne: The Story of German POWs in Texas During World War II*. Lecture presented at the George Bush President Library Issues Forum Speaker Series, College Station, Texas.

**Waters**, M. R., 2004, *Camp Hearne: The Story of German POWs in Texas During World War II*. Lecture presented at the Exploring History Lunch Lecture Series, City of College Station, College Station, Texas.

**Waters**, M. R., 2002, *Camp Hearne: German POW's in Texas*. Lecture presented at the Houston Archaeological Society, Houston, Texas.

**Waters**, M. R., 1997, *Geoarchaeological studies at Diring Yuriakh*. Lecture presented at the Houston Archaeological Society, Houston, Texas.

**Waters**, M. R., 1994, *Diring Yuriakh: an Early Palolithic site in Siberia*. Lecture presented at the Houston Archaeological Society, Houston, Texas.

**Waters**, M. R., 1988, *Geoarchaeology in southern Arizona*. Lecture presented at the Houston Archaeological Society, Houston, Texas.

## **Other Public Service**

Member, Board of Directors of the Roll Call, a non-profit organization dedicated to the preservation of Camp Hearne, Hearne, Texas, 2002-present.

Research Associate, Brazos Valley Natural History Museum, Bryan, Texas, 2005-2009.

Co-organized the Camp Hearne Museum Exhibit, Hearne Chamber of Commerce, Hearne, Texas, 2006.

Co-organized the Camp Hearne Exhibit at the Brazos Valley Natural History Museum, November 2005 – May 2006, Bryan, Texas.

Participant, George Bush Library's Celebration of the End of World War II, 2005.

Advisor, the City of Hearne, Texas on the preservation of Camp Hearne and the preparation of a POW museum, 1999-2001.

Advisor, the Hearne Heritage League on the preservation of Camp Hearne and the preparation of a POW museum, 1999-2000.

Coordinated reunion of former POW's and former guards of Camp Hearne, 1999.

## **TEXAS A&M UNIVERSITY SERVICE**

Center for the Study of the First Americans, Texas A&M University, College Station, Texas  
Director, 2005 – present  
Associate Director, 2003 – 2004

North Star Archaeological Research Program  
Executive Director, 2002 – present

College of Liberal Arts, Texas A&M University, College Station, Texas  
Dean's Advisory Committee, Member, 2009-2010  
Department of Anthropology Reorganization Committee, Member, 2010-2011  
Academic Resources Committee, Member, 1986 – 1988  
Academic Standards Committee, Member, 1991 – 1995  
Graduation Ceremony Marshal, 1987, 2008, 2009

Department of Anthropology, Texas A&M University, College Station, Texas  
Acting Department Head, 1987, 2008, 2009, 2010, 2011  
Archaeology Program, Head, 2006 – 2008  
COOP Advisor, 1999 – 2011

Curation Committee, Member, 2008 – 2010  
Curriculum Committee, Member, 1989 – 1991, 1994 – 1997  
Executive Committee, Member, 2007  
Executive Council, Chair, 1987 – 1988, 1991 – 1993, 1996 – 1998  
Executive Council, Member, 1996 – 1998  
Faculty Mentor to D. Carlson, 2007 – present  
Faculty Mentor to T. Goebel, 2007 – present  
Graduate Advisor, 1999 – 2003  
Search Committee for Cultural Anthropologist, Member, 1988 – 1989  
Search Committee for Physical Anthropologist, Member, 2002  
Search Committee for the Associate Director, Center for the Study of the First Americans  
and Associate Professor, Chair, 2005  
Southwest Archaic Symposium, Member Organizing Committee, 1988 – 1989  
Special Space Committee, Member, 1994  
Special Space Committee, Chair, 1986  
Tenure and Promotion Committee, Member, 1991 – present  
Tenure and Promotion Committee, Chair, 2009 for Ted Goebel (promotion to Professor)  
Undergraduate Advisor, 1990 – 1993  
United Way Drive, Chair, 1986

Department of Geography, Texas A&M University, College Station, Texas

Promotion Committee, Chair, 2000  
Search Committee Department Head, Member, 1996  
Search Committee for Deputy Dean, College of Geosciences and Maritime Studies,  
Member, 2002  
Search Committee for Joint IODP – Geography member, Chair, 2006  
Search Committee for Physical Geographer, Member, 1988 – 1989  
Search Committee for Surficial Processes Position, Member, 2006  
Search Committee for Watershed Processes Position, Member, 2006  
Tenure and Promotion Committee, Member, 1992 – present  
Tenure and Promotion Committee, Chair, 2000, Vatche Tchakerian (promotion to  
Professor)  
Tenure and Promotion Committee, Chair, 2002, for David Cairns (promotion to  
Associate Professor)  
Tenure and Promotion Committee, Chair, 2009, for David Cairns (promotion to  
Professor)