

VITA

MICHAEL R. WATERS

**University Distinguished Professor
Regents Professor
Director, Center for the Study of the First Americans
Executive Director, North Star Archaeological Research Program**

DEGREES RECEIVED

Ph.D. 1983 Geosciences, University of Arizona, Tucson
M.S. 1980 Geosciences, University of Arizona, Tucson
B.S. 1977 Geosciences, University of Arizona, Tucson (with Distinction and Honors)

ACADEMIC APPOINTMENTS—*Texas A&M University*

2017–Present University Distinguished Professor, Department of Anthropology
Holder, Chair in First Americans Studies
Director, Center for the Study of the First Americans
Executive Director, North Star Archaeological Research Program

2005–2017 Professor, Departments of Anthropology and Geography
Holder, Chair in First Americans Studies
Director, Center for the Study of the First Americans
Executive Director, North Star Archaeological Research Program

2002–2004 Professor, Departments of Anthropology and Geography
Holder, Professorship in First Americans Studies
Associate Director, Center for the Study of the First Americans
Executive Director, North Star Archaeological Research Program

1998–2002 Professor, Departments of Anthropology and Geography

1991–1998 Associate Professor, Departments of Anthropology and Geography

1986–1991 Assistant Professor, Departments of Anthropology and Geography

RESEARCH EXPERTISE

Geoarchaeology
Peopling of the Americas
Late Quaternary history
Americas and Northeast Asia

AWARDS AND HONORS—National

Fellow

American Association for the Advancement of Science, 2022
Elected to Fellowship in recognition of contributions to geoarchaeology and First Americans archaeology.

Rip Rapp Archaeological Geology Award

Geological Society of America, 2004
Annual award for outstanding contributions to the interdisciplinary field of archaeological geology. Highest award given in the field of Geoarchaeology.

Fellow

Geological Society of America, 2004
Elected to Fellowship in recognition of a sustained record of distinguished contributions to the geosciences.

Kirk Bryan Award

Geological Society of America, 2003
Annual award bestowed upon the author of a published paper of distinction advancing the science of geomorphology or Quaternary geology.

AWARDS AND HONORS—Texas A&M University

Regents Professor

Texas A&M University System, 2023

College of Arts and Sciences Outstanding Career Award

College of Arts and Sciences, 2023

University Distinguished Professor

Texas A&M University, 2017

Distinguished Achievement Award in Research

The Association of Former Students, Texas A&M University, 2012

Newsmaker Image Award

Division of Marketing & Communications Annual Award, Texas A&M University, 2012

Student Led Awards for Teaching Excellence (SLATE)

Texas A&M University System, 2011

Faculty Fellow

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

Distinguished Achievement Award in Teaching

The Association of Former Students, Texas A&M University, 1998

AWARDS AND HONORS—State of Texas

House of Representatives of the State of Texas

House Concurrent Resolution, 82nd Legislature of the State of Texas, (H.C.R. No. 143), May 2011 acknowledging the importance of the Debra L. Friedkin archaeological site to the state of Texas and First Americans research.

MEDIA RECOGNITION

Top 100 Discoveries of 2014, *Discover* magazine ranked the results of the genetic studies of the Anzick Clovis skeleton as number 7 of 100.

Top 100 Scientific Discoveries of 2014, *Time* magazine (special issue) ranked the results of the genetic studies of the Anzick Clovis skeleton as one of the top 100 scientific discoveries of 2014.

Top 10 Hominid Discoveries of 2011, *Smithsonian* magazine ranked the results of my research at the Friedkin and Manis archaeological sites as one of the top ten Hominid discoveries of 2011.

Cover Stories, My research was highlighted in cover stories in *Scientific American* (2011), *Smithsonian Magazine* (2013), and *National Geographic* (2015).

PUBLICATIONS

Citation Indices and Notes

- Google Scholar reports over 8800 lifetime citations of journal articles, book chapters, and books. H-index 43 with i10-index 81. (May 2024)
- Published 9 articles in *Science*, 5 as first author; 5 articles in *Science Advances*, 3 as first author; 2 articles in *Nature*; 2 articles in *PNAS*, 1 as first author.

Refereed Journal Articles

O’Keefe, F. R., Dunn, R. E., Weitzel, E. M., **Waters, M. R.**, Martinez, L. N., Binder, W. J., Southon, J. R., Cohen, J. E., Meachen, J. A., DeSantis, L. R. G., Kirby, M. E., Ghezzeo, E., Coltrain, J. B., Fuller, B. T., Farrell, A. B., Takeuchi, G. T., MacDonald, G., Davis, E. B., and Lindsey, E. L., 2023, Pre-Younger Dryas megafauna extirpation at Rancho La Brea linked to fire-driven state shift. *Science*, 381, eabo3594.

Waters, M. R., Newell, Z. A., Fisher, D. C., McDonald, H. G., Han, J., Moreno, M., and Robbins, A., 2023, Late Pleistocene osseous projectile point from the Manis site, Washington—Mastodon hunting in the Pacific Northwest 13,900 years ago. *Science Advances* v. 9, eade9068.

Smallwood, A. M., Jennings, T. A., Smith, H. L., Pevny, C. D., **Waters, M. R.**, Loebel, T. J., Lambert, J., Ray, J., and Stephens, D., 2022, Using 3D Models to Understand the Changing Role of Fluting in Paleoindian Point Technology from Clovis to Dalton. *American Antiquity*, v. 87, p. 544-566.

Waters, M. R., Keene, J. L., Prewitt, E. R., Everett, M. E., Laughlin, T., and Stafford, T. W., 2021, Late Quaternary Geology, Archaeology, and Geoarchaeology of Hall's Cave, Texas. *Quaternary Science Reviews*, v. 274, 107276, 27 pages.

Waters, M. R., Newell, Z. A., and Smith, M. F., 2021, A Reexamination of the Paleoindian Bison Kill at the Alexon Site, Florida. *PaleoAmerica* v. 7, p. 280-285.

Sun, Nan, Brandon, A. D., Forman, S. L., and **Waters, M. R.**, 2021, Geochemical Evidence of Volcanic Signatures in Sediments of the Younger Dryas Event. *Geochimica et Cosmochimica Acta* v. 312, p. 57-74.

Waters, M. R., Stafford, T. W., and Carlson, D. L., 2020, The Age of Clovis—13,050-12,750 cal yr B.P. *Science Advances* v. 6, eaaz0455.

Sun, N., Brandon, A. D., Forman, S. L., **Waters, M. R.**, and Befus, K. S., 2020, Volcanic Origin for Younger Dryas Geochemical Anomalies ca. 12,900 cal B.P. *Science Advances* v. 6, aax8587.

Seersholm, F.V., Werndly, D.J., Greal, A., Johnson, T., Early, E. M. K., Lundelius, E. L., Winsborough, B., Farr, G. E., Toomey, R., Hansen, A. J., Shapiro, B., **Waters, M. R.**, McDonald, G., Linderholm, A., Stafford, T., and Bunce, M., 2020, Rapid Range Shifts and Megafaunal Extinctions Associated with Late Pleistocene Climate Change. *Nature Communications* **11**, 2770 (2020).

Perrotti, A. G., Winsborough, B., Halligan, J. J., and **Waters, M. R.**, 2020, Reconstructing Terminal Pleistocene-Early Holocene Environmental Change at Page-Ladson, Florida Using Diatom Evidence. *PaleoAmerica*, v. 6, p. 181-193.

Graf, K. E., Gore, A. K., Melton, J. A., Marks, T., DiPietro, L., Goebel, T., **Waters, M. R.**, and Rhode, D., 2020, Recent Excavations at Owl Ridge, Interior Alaska: Site Stratigraphy, Chronology, and Site Formation and Implications for Late Pleistocene Archaeology and Peopling of Eastern Beringia. *Geoarchaeology: An International Journal*, v. 35, p. 3-26.

Braje, T. J., Erlandson, J. M., Rick, T. C., Davis, L., Dillehay, T., Fedje, D. W., Froese, D., Gusick, A., Mackie, Q., McLaren, D., Pitblado, B., Raff, J., Reeder-Myers, L., and **Waters, M. R.**, 2020, Fladmark +40: What Have we Learned About a Potential Pacific Coast Peopling of the Americas? *American Antiquity*, v. 85, p. 1-21.

Waters, M. R., Goebel, T., and Graf, K. E., 2020, The Stemmed Point Tradition of Western North America. *PaleoAmerica*, v. 6, p. 1-3.

Waters, M. R., 2019, Late Pleistocene Exploration and Settlement of the Americas by Modern Humans. *Science*, v. 365, eaat5447.

Swift, J. A., Bunce, M., Dortch, J., Douglass, K., Faith, J. T., Yates, J. A. F., Field, J., Haberle, S., Jacob, E., Johnson, C. N., Lindsey, E., Lorenzen, E. D., Louys, J., Miller, G., Mychajliw, A., Slon, V., Villavicencio, N. **Waters, M. R.**, Welker, F., Wood, R., Petraglia, M., Boivin, N., and Roberts, P., 2019, Micro Methods for Megafauna: Novel Approaches to Late Quaternary Extinctions and Their Contributions to Faunal Conservation in the Anthropocene. *Bioscience*, v. 69, p. 877-887.

Waters, M. R., 2019, Early Exploration and Settlement of North America During the Late Pleistocene. *SAA Archaeological Record*, v. 19, p.34-39.

Waters, M. R., Keene, J. L., Forman, S. L., Prewitt, E. R., Carlson, D. L., and Wiederhold, J. E., 2018, Pre-Clovis Projectile Points at the Debra L. Friedkin site, Texas—Implications for the Late Pleistocene Peopling of the Americas. *Science Advances*, v. 4, aat4505.

Becerra-Valdivia, L., **Waters, M. R.**, Stafford, T. W., Anzick, S. L., Comeskey, D., Devière, T., and Higham, T., 2018, Reassessing the Chronology of the Archaeological Site of Anzick. *Proceedings of the National Academy of Sciences*, v. 115, p. 7000-7003.

Devière, T., Stafford, T. W., **Waters, M. R.**, Wathen, C., Domeskey, D., Becerra-Valdivia, L., and Higham, T., 2018, Increasing Accuracy for the Radiocarbon Dating of Sites Occupied by the First Americans. *Quaternary Science Reviews*, v. 198, p. 171-180.

Tune, J., **Waters, M. R.**, Schmalle, K., DeSantis, L., and Kamernov, G., 2018, Assessing the Proposed Pre-LGM Human Occupation of North America at Coats-Hines-Litchy, Tennessee, and Other Sites. *Quaternary Science Reviews*, v. 186, p. 47-59.

Hollingshead, A., and **Waters, M. R.**, 2018, Geoarchaeological Investigations at the Buffalo Ranch Site (41BU119), Texas. *PaleoAmerica*, v. 4, 64-67.

Halligan, J., **Waters, M. R.***, Perrotti, A., Owens, I. J., Feinberg, J. M., Bourne, M. D., Fenerty, B., Winsborough, B., Carlson, D., Fisher, D. C., Stafford, T. W., and Dunbar, J. S., 2016, Pre-Clovis occupation 14,550 years ago at the Page-Ladson site, Florida, and the peopling of the Americas. *Science Advances*, v. 2, e1600375. (*Note: As noted in the article, both Halligan and Waters contributed equally to the research and paper.)

Forman, S. L., and **Waters, M. R.**, 2016, Optically stimulated luminescence dating and the peopling of the Americas. *PaleoAmerica*, v. 2, p. 6-10.

Bourne, M. D., Feinberg, J. M., Stafford, T. W., **Waters, M. R.**, Lundelius, E., and Forman, S. L., 2016, High-intensity geomagnetic field 'spike' observed at ca. 3000 cal BP in Texas, USA. *Earth and Planetary Science Letters*, v. 442, p. 80-92.

Waters, M. R., Stafford, T. W., Kooyman, B., and Hills, L. V., 2015, Late Pleistocene horse and camel hunting at the southern margin of the Ice-Free corridor: Reassessing the age of Wally's Beach, Canada. *Proceedings of the National Academy of Sciences*, v. 112, p. 4263-4267.

Waters, M. R., Amorosi, T., and Stafford, T. W., 2015, Redating Fell's Cave, Chile and the chronological placement of the Fishtail projectile point complex. *American Antiquity*, v. 80, p. 376-386.

Jennings, T. A., Smallwood, A. M., and **Waters, M. R.**, 2015, Exploring late Paleoindian and early Archaic unfluted lanceolate point classification in the southern Plains. *North American Archaeologist*, v. 36, p. 243-265.

Raghavan, M., et al., **Waters, M. R.**, and Willerslev, E., 2015, Genomic evidence for the Pleistocene and recent population history of Native Americans. *Science*, v. 349, aab3884.

Waters, M. R., and Stafford, T. W., 2014, Redating the Mill Iron site, Montana: a reexamination of the Goshen complex chronology. *American Antiquity*, v. 79, p. 541-548.

Rasmussen, M., Anzick, S. L., **Waters, M. R.**, Skoglund, P., DeGiorgio, M., Stafford, T. W., Rasmussen, S., Moltke, I., Albrechtsen, A., Doyle, S. M., Poznik, G. D., Gudmundsdottir, V., Yadav, R., Malaspinas, A., White, S. S., Allentoft, M. E., Cornejo, O. E., Tambets, K., Eriksson, A., Heintzman, P. D., Karmin, M., Korneliusson, T. S., Meltzer, D. J., Pierre, T. L., Stenderup, J., Saag, L., Warmuth, V., Lopes, M. C., Malhi, R. S., Brunak, S., Sicheritz-Ponten, S., Barnes, I., Collins, M., Orlando, L., Balloux, F., Manica, A., Gupta, R., Metspalu, M., Bustamante, C. D., Jakobsson, M., Nielsen, R., and Willerslev, E., 2014, The genome of a late Pleistocene human from a Clovis burial site in western Montana. *Nature*, v. 506, p. 225-229.

Jennings, T. A., and **Waters, M. R.**, 2014, Pre-Clovis lithic technology at the Debra L. Friedkin site, Texas: comparisons to Clovis through site-level behavior, technological trait-list, and cladistics analysis. *American Antiquity*, v. 79, p. 25-44.

Driese, S. G., Nordt, L. C., **Waters, M. R.**, and Keene, J. L., 2013, Analysis of site formation history and potential disturbance of stratigraphic context in Vertisols at the Debra L. Friedkin archaeological site in central Texas, USA. *Geoarchaeology: An International Journal*, v. 28, p. 221-248.

Goebel, T., Smith, H. L., DiPietro, L., **Waters, M. R.**, Hockett, B., Graft, K. E., Gal, R., Slobodin, S. B., Speakman, R. J., Driese, S. G., and Rhode, D., 2013, Serpentine Hot Springs, Alaska: results of excavations and implications for the age and significance of northern fluted points. *Journal of Archaeological Science*, v. 40, p. 4222-4233.

Wright, D. K., **Waters, M. R.**, Loendorf, C., Woodson, M. K., Miles, W. D., and Darling, J. A., 2013, Late Archaic wells on the Gila River Indian Community, Arizona. *Journal of Archaeological Science*, v. 40, p. 45-57.

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 Bonnicksen, 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.

Lindquist, A. K., Feinberg, J. M., and **Waters, M. R.**, 2011, Rock magnetic properties of a soil developed on an alluvial deposit at Buttermilk Creek, Texas, USA. *Geochemistry, Geophysics, Geosystems*, v. 12, doi:10.1029/2011GC003848.

Goebel, T., Slobodin, Sergei B., **Waters, M. 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 ¹⁴C 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

Waters, M. R., 2023, The Late Pleistocene Peopling of the Americas: Important Developments and Discoveries, in, Potter, B. A., and Honda, S., eds., *Human Dispersals from North Asia via Beringia into North America: Fairbanks, Alaska, Anthropological Papers of the University of Alaska, New Series, vol. 7 (1-2)*, p. 86-95.

Smith, M. F., Joy, S. A., **Waters, M. R.**, Halligan, J. J., Faught, M. K., Thulman, D. K., Perrotti, A., Fenerty, B., Duggins, R., and Burke, A. M., 2022, Contributions of Submerged Archaeological Record to the Late Pleistocene and Holocene Record of the Southeast, in, Miller, D. S., Smallwood, A. M., and Tune, J. W., eds., *The American Southeast at the End of the Ice Age*, University of Alabama Press, 213-229.

Waters, M. R., and Stafford, T. W., Jr., 2014, The First Americans: a review of the evidence for the Late-Pleistocene peopling of the Americas, in Graf, K. E., Ketron, C. V., and Waters, M. R., eds., *Paleoamerican Odyssey*: College Station, Texas A&M University Press, p. 541-560.

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 39th 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 Books

Waters, M. R., and Jennings, T. A., 2015, *The Hogeye Clovis Cache, Texas*. College Station, Texas A&M University Press, 151 p.

Waters, M. R., 2012, *Principles of Geoarchaeology*. Tokyo, Asakura Press, Japan, 326 p.

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, 226 p.

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.

Refereed Monographs

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

Graf, K. E., Ketron, C. V., and **Waters, M. R.** (eds.), 2014, *Paleoamerican Odyssey*. College Station, Texas A&M University Press, 573 p.

Graf, K. E., Ketron, C. V., and **Waters, M. R.** (eds.), 2013, *Paleoamerican Odyssey*. College Station, Center for the Study of the First Americans, Texas A&M University, 573 p.

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.

Edited Special Journal Issues

Waters, M. R., Goebel, T., Graf, K. (eds.), 2019, The Peopling of the America at the End of the Pleistocene. Special issue of *SAA Archaeological Record*, v. 19, no. 3, p.11-50.

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.

Other Publications

- Book Reviews (n=8)
- Replies and Comments (n=5)
- Contracts and Technical Reports (n=48)

PRESENTATIONS

Keynote Presentations (Invited International and National)

- 2019 26th East Texas Archeological Conference, Tyler, Texas
- 2018 Ancient Explorers: Little Salt Spring and the Peopling of the Americas, University of Miami, Florida
- 2017 82nd Annual meeting of the Colorado Archaeological Society, Denver, Colorado
- 2015 First Floridians II: First Americans Conference, Monticello, Florida
- 2014 Oregon Archaeological Society, Portland Oregon
- 2014 New England Antiquities Research Association 50th annual meeting, Nashua, New Hampshire
- 2012 First Floridians: First Americans Conference, Monticello, Florida
- 2012 Louisiana Archaeological Society, annual meeting, Baton Rouge, Louisiana
- 2012 Baylor College of Arts & Sciences and the Office of the Vice Provost for Research, Baylor University, Texas
- 2011 Texas Archaeological Society annual meeting, Fort Worth, Texas
- 2010 Evolution of the High-Latitude Northern Hemisphere Conference, University of Maine, Orono
- 2009 Geoarchaeology: From Landscape to Laboratory and Back Again, University of Sheffield, England

- 2008 H. Marie Wormington Lecture, Museum of Nature and Science, Denver, Colorado
- 2000 Distinguished International Visiting Scholar, The alluvial archaeology of north-west Europe and the Mediterranean, University of Leeds, England

Plenary Presentations (Invited National and International Special Conferences)

- 2022 The Clovis and Pre-Clovis Archaeological Record South of the North American Ice Sheets, International Symposium of “Out of Eurasia” Project—Human Dispersal from North Eurasia via Beringia into North America, Kyoto, Japan.
- 2019 Old Stories and New Discoveries, First Floridians Series, Aucilla Research Institute, Monticello, Florida
- 2018 The Stemmed Point Tradition of North America, Center for the Study of the First Americans, Victoria, Canada
- 2017 Megafauna and Methods Workshop and Meeting, Department of Anthropology, Max Planck Institute for the Science of Human History, Jena, Germany
- 2014 Symposium on Human Origins II, Santa Barbara Museum of Natural History, Santa Barbara, California
- 2014 Early Colonization and Peopling of the New World Symposium, University of Missouri
- 2013 Paleoamerican Odyssey Conference, Santa Fe, New Mexico
- 2012 Pre-Clovis Conference, National Museum of Natural History, Smithsonian Institution, Washington, D.C.
- 2008 Annual Binghamton Geomorphology Symposium on Fluvial Deposits and Environmental Change, Austin, Texas
- 2007 International Science Conference: Defining Parameters of Scientific Inquiry and Cultural Affiliation, Houston, Texas
- 2005 Clovis in the Southeast Conference, Columbia, South Carolina
- 2002 Early Man in America and their implications on the Peopling of the Basin of Mexico, National Museum of Anthropology, Mexico City
- 2002 Ice Age Man in South Carolina: the Allendale-Topper Site Conference, University of South Carolina, Columbia
- 1999 Clovis and Beyond Conference, Santa Fe, New Mexico
- 1994 Russian Arctic Land-Shelf Systems Conference, Byrd Polar Research Center, Ohio State University, Columbus, Ohio
- 1990 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.
- 1986 Penrose Conference on Archaeological Geology, Geological Society of America

Invited University Presentations—International

- 2016 University of Calgary, Canada
- 2013 Natural History Museum, University of Copenhagen, Denmark

- 2013 Tokyo Metropolitan University, Japan
- 2012 Seoul National University, Korea
- 2010 University of Leicester, United Kingdom
- 2009 Institute for the History of Material Culture, Russian Academy of Sciences, St. Petersburg, Russia
- 2000 University of Leeds, England

Invited University and Institute Presentations—United States

- 2022 University of Oklahoma, Norman
- 2021 Yukon Beringia Interpretive Center, Canada
- 2021 Augustana University, South Dakota
- 2021 MD Anderson Cancer Center, Texas
- 2018 University of Wisconsin, Madison
- 2017 Metropolitan State University of Denver, Colorado
- 2016 University of Minnesota, Minneapolis
- 2016 Baylor University, Waco, Texas
- 2015 Vanderbilt University, Nashville, Tennessee
- 2013 Princeton University, New Jersey
- 2012 Sam Houston State University, Huntsville, Texas
- 2010 University of Maine, Orono
- 2007 University of Texas, Dallas
- 2005 Southern Methodist University, Dallas, Texas
- 2002 Washington University, St. Louis, Missouri
- 2001 Arizona State University, Tempe
- 1999 University of Arizona, Tucson
- 1999 University of Illinois, Chicago
- 1998 Baylor University, Waco, Texas

Prestigious Invited University Lectures—Texas A&M University

- 2008 Annual Professor Emeritus Lecture, Department of Geography
- 2006 First Dr. George Carter, Sr., Geography Lecture, Department of Geography
- 2006 Annual Fallon-Marshall Lecture, Clayton Williams Alumni Center, College of Liberal Arts
- 2005 George Bush President Library Issues Forum Speaker Series

Conference Presentations (Annual National and International Meetings, n=109)

Society for American Archaeology 2023-1981 (n=79); Geological Society of America (n=14); American Geophysical Union (n=9); Paleoamerican Odyssey (n=5); Southeastern Archaeological Conference (n=1); European Association of Geochemistry and the Geochemical Society (n=1); International Quaternary Association (n=1); International Radiocarbon Conference (n=1); International Union of Prehistoric and Protohistoric Sciences (n=1); Society

for Historical Archaeology (n=2); Society of Vertebrate Paleontology (n=1); Soil Science Society of America (n=1)

Conference Presentations (Annual Regional Conferences, n=19)

East Texas Historical Association; Alaska Anthropological Association; Texas Archaeological Society; Northwest Anthropological Conference; Society for California Archaeology; Council of Texas Archaeologists; Arizona Archaeological Council; Southwestern Association of American Geographers

SPECIAL CONFERENCE, WORKSHOP, AND FIELD TRIP ORGANIZATION

- 2025 Chair of organizing committee. Paleoamerican Odyssey II, Santa Fe, New Mexico. Planning is under way for the delayed second Paleoamerican Odyssey Conference.
- 2018 Lead organizer of the first Wilson Workshop sponsored by the Center for the Study of the First Americans in cooperation with the Hakai Institute, Canada. The 18 international participants discussed the stemmed projectile point tradition of North America for 3 days and participated in a 2-day field trip.
- 2013 Chair of organizing committee. Paleoamerican Odyssey Conference, Santa Fe, New Mexico. Three-day conference with 1200 attendees; banquet with 500 in attendance; 36 plenary presentations; 1 banquet presentation; 15 evening presentations; 193 poster presentations; 3 workshops; and 52 artifact exhibits. Sponsored by the Center for the Study of the First Americans.
- 2008 Co-organized 3-day Paleoamerican Origins Workshop, sponsored by the Center for the Study of the First Americans, the Smithsonian Institution, Southeastern Paleoindian Survey, and the Texas Archaeological Research Laboratories. Austin, Texas.
- 2007 Co-chair and organizer of an official field trip to the Gault site, Texas. Created a guidebook: "Excursion Guidebook: Gault Site" by M. Collins, M. Waters, R. Barnes, C. Hemmings, J. Lohse, E. Prewitt, M. Shoberg, and D. Wernecke. 72nd Annual Meeting of the Society for American Archaeology, Texas.
- 2005 Co-organized and co-sponsored the 3-day Clovis in the Southeast Conference, Columbia, South Carolina.
- 1987 Organized official field trip to the San Pedro Valley and Whitewater Draw, Arizona. 100th Annual Meeting of the Geological Society of America, Arizona.

EXTERNAL RESEARCH FUNDING

Private Foundation Grants \$650,000

- Geological Society of America
- Great Basin Foundation, CA
- Wenner Gren Foundation for Anthropological Research
- National Geographic Society
- Elfrieda Frank Foundation
- Felburn Foundation

State Agency Grants \$194,000

- Texas Higher Education Coordinating Board
- Texas Historical Commission

Federal Agency Grants \$380,000

- National Park Service
- National Science Foundation

Research Contracts \$750,000

- Arizona Department of Transportation
- Florida Heritage Grant
- 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

TEXAS A&M UNIVERSITY INTERNAL FUNDING

- 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
- College of Liberal Arts, Strategic Development Fund, 2011, 2012, 2014
- Faculty Development Leave, 1992, 1997, 2003, 2008, 2014, 2020
- Glasscock Center for Humanities Research, Humanitarians Informatics, 2011
- Grant Program, Paleoamerican Artifact Digital Archive, 2004
- Interdisciplinary Research Initiatives Program, 1995, 1996, 1997, 1999
- International Enhancement Grant, 1989
- Mini-Grant Program, 1991, 1993, 1995, 2001

PERMANENT ENDOWMENT DEVELOPMENT

Endowments raised for the Center for the Study of the First Americans \$13.2 million
Since becoming the Director of the Center for the Study of the First Americans in 2005, Waters has worked to build the Center’s endowments and has secured ten new endowments totaling \$13.2 million for Center research, student support, and outreach.

ONE-TIME PRIVATE DONATIONS TO THE CENTER

- On-time Gifts to Support Center Activities (2005-2023) \$870,000

TEACHING

Courses Taught

- Anth 202 Introduction to Archaeology
- Anth 330 Field Research in Anthropology (Archaeological Field School)
- Anth 401 Ice Age Humans in North America
- Anth401W Ice Age Humans in North America—special writing intensive class
- Anth 489 Paleoindian Archaeology
- Anth 489 Historic Archaeological Site Analysis
- Anth 489 Prehistoric Archaeological Site Analysis
- Anth 630 Field Research in Anthropology (Archaeological Field School)
- Anth 624 Geoarchaeology
- Anth 652 First Americans Archaeology
- Anth 689 Historic Archaeological Site Analysis
- Anth 689 Prehistoric Archaeological Site Analysis
- 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

Students Supervised

More than 400 undergraduate and graduate students have assisted me with field and laboratory research. They have conducted archaeological survey, excavated archaeological sites, and analyzed artifacts and other materials in the lab.

Undergraduate Research Scholars Thesis (Chair)

University Honors Program, LAUNCH Program for Undergraduate Success

- 2024 Willow Grote
- 2024 Jordyn Sauser
- 2024 Patrick Brannen
- 2020 Zachary Newell
- 2017 Analise Hollingshead
- 2017 Daniel Welch

Ph.D. Graduate Students Advised (Chair)

Lauren Jones	2022-present	
Nicholas Bentley	2019-present	
Tyler Laughlin	2016-present	
Adam Burke	2015-present	
Morgan Smith	Graduated 2019	Associate Professor, University of Tennessee
Angelina Perrotti	Graduated 2018	Assistant Professor, Arkansas Tech University
Jesse Tune	Graduated 2015	Associate Professor, Mississippi State University
Jessi Halligan	Graduated 2012	Associate Professor, Texas A&M University
Tom Jennings	Graduated 2012	Assistant Professor, University of Louisville
Charlotte Pevny	Graduated 2009	Project Director, Search Inc. (CRM)
Victor Galan	Graduated 2007	Retired
Heidi Luchsinger	Graduated 2006	Associate Professor, Eastern Carolina University
William Dickens	Graduated 2005	Deceased
Stanley Davis	Graduated 1996	Deceased
David D. Kuehn	Graduated 1995	Deceased

M.A. Graduate Students Advised (Chair)

Sydney O'Brien	Graduated 2023	Undergraduate Programs, Texas A&M University
Lauren Cook	Graduated 2016	Archaeologist, CRM
Kayla Schmalle	Graduated 2013	USDA, Natural Resources Conservation Service
Joshua Keene	Graduated 2009	Archaeologist, CRM
Juan Urista	Graduated 2009	Archaeologist, CRM
Dawn Alexander	Graduated 2008	Archaeologist, CRM
Scott Minchak	Graduated 2007	Archaeologist, CRM
Michael Aiuvalasit	Graduated 2006	Archaeologist, Illinois Archaeological Survey
Ashley Smallwood	Graduated 2006	Assistant Professor, University of Louisville
Heidi Luchsinger	Graduated 2002	Associate Professor, Eastern Carolina University
Ian Buvit	Graduated 2000	Archaeologist, Oregon State University
Brandy Gibson	Graduated 1997	Archaeologist, CRM
Frederick B. Pearl	Graduated 1997	Associate Professor, TAMU, Galveston

Floyd Largent

Graduated 1987

Professional writer

PROFESSIONAL SERVICE

Editorships

- Editor, *The Mammoth Trumpet*, 2003–present
- Editor, Center for the Study of the First Americans Book Series, 2003–present, 12 books published
- Editorial board member of the Anthropology Book Series, Texas A&M University Press, 1996–present
- Member, Texas A&M University Press Faculty Advisory Committee, 2002–2015
- General Editor, *Current Research in the Pleistocene*, 2003–2011
- Editor, Geoarchaeology section, *Bulletin of the Society for Archaeological Sciences*, 1997–2000

Reviewing Services

Journals

Advances in Archaeological Method and Theory; American Antiquity; Antiquity; Arctic Anthropology; Boreas; Bulletin of the Texas Archaeological Society; Bulletins et Mémoires de la Société d'Anthropologie de Paris; 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; Nature Communications; PaleoAmerica; PLOS ONE; Proceedings of the National Academy of Sciences; Proceedings of the Royal Society B; Science; Science Advances; Quaternary International; Quaternary Research; Quaternary Science Reviews; Radiocarbon.

Proposals

Earthwatch; National Endowment for the Humanities; National Geographic Society; National Science Foundation; U.S. Army Corps of Engineers, Waterways Experiment Station; European Research Council, ERC Advanced Grant

External Tenure and Promotion Cases

- University of Texas, San Antonio, reviewer for tenure and promotion to associate professor, 2021
- Baylor University, reviewer for tenure and promotion to associate professor, 2020
- Idaho State University, Boise, reviewer for tenure and promotion to associate professor, 2019
- Texas State University, San Marcos, reviewer for promotion to full professor, 2019
- University of New Mexico, Albuquerque, reviewer for promotion to full professor, 2017
- Oregon State University, Oregon, reviewer for promotion to full professor, 2016

- University of Louisville, Kentucky, reviewer for promotion to full professor, 2015
- University of Cincinnati, Ohio, reviewer for promotion to full professor, 2012
- 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 $n=8$

- University of Oklahoma Press; University of Utah Press; University of Arizona Press; Geological Society of America Press; Texas A&M University Press

Service to Organizations

- 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.

PUBLIC SERVICE

Public Lectures $n=18$

Southwest Seminars, Santa Fe, New Mexico; Texas Federal Tax Institute, San Antonio, Texas; The Science Café, Bryan, Texas; Loveland Stone Age Fair, Loveland, Colorado; Houston Geological Society; Brazos Valley Museum of Natural History, Bryan, Texas; George Bush President Library Issues Forum Speaker Series, College Station, Texas; Exploring History Lunch Lecture Series, City of College Station, Texas; Houston Archaeological Society, Houston, Texas; Texas Historical Commission; Osher Lifelong Learning Institute at Indiana State University; Torrance County Archaeological Society, New Mexico; Research Grand Rounds, MD Anderson Hospitals, Houston, Texas.

Popular Articles $n=9$

Mammoth Trumpet; Spirit, Texas A&M Foundation; Archaeological Legacy at Peaceable Kingdom Retreat for Children, Bell County, Texas; Scientific American Discovering Archaeology; Archaeology Southwest.

Conference Organization

In 2013, I was the lead organizer of the Paleoamerican Odyssey Conference, Santa Fe, New Mexico. This was a three-day conference with 1200 attendees that include many avocational archaeologists and members of the public. Planning is underway for Paleoamerican Odyssey II in 2024.

Museum Development and Management—Camp Hearne, Texas

In 2010, the Camp Hearne Museum in Hearne, Texas opened. Camp Hearne is a Prisoner of War Camp that housed captured German soldiers during World War II. The museum chronicles the story of World War II, the German POWs who were brought to Texas, and the Texas home front during the war (www.camphearne.com). This museum is visited by the public, historians, and students from public schools and universities. The museum is the direct result of research undertaken by Waters in 1990s and the book he published, *Lone Star Stalag*, in 2004. The museum displays the artifacts recovered from the site, photographs, and other items. This museum and its various annual activities are an asset to the City of Hearne, which now enthusiastically supports the museum. Funding to build the museum came primarily from a U.S. Congressional Appropriation in 2008, negotiated with Congressman Chet Edwards. The museum received our first operating endowment in 2014. Waters is a founding member of the *Roll Call, Friends of Camp Hearne*, a non-profit organization dedicated to the preservation of Camp Hearne (2002-present). Waters serves as a founding member of the Board of Directors of the Camp Hearne Museum.

Activities that took place before the creation of the museum:

- Organized the Camp Hearne Museum Exhibit, Hearne Chamber of Commerce, Hearne, Texas, 2006.
- 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, 1999-2002.
- Advisor, the Hearne Heritage League on the preservation of Camp Hearne and the preparation of a POW museum, 1999-2000.
- Coordinated reunion of former POWs and 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, 2002-2004

North Star Archaeological Research Program

- Executive Director, 2002-present

Texas A&M University Press

- Faculty Advisory Committee, Member, 2005-2015

College of Liberal Arts, Texas A&M University, College Station, Texas

- Dean's Advisory Committee on Tenure and Promotion, Member, 2009-2010, 2020-2022
- Center and Institute Director's Committee, 2016-2022
- Liberal Arts Council, Member, 2013-2015
- 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

- Archaeology Program, Head, 2006-2008, 2011-2013, 2016-2017, 2021-present
- Executive Committee, Chair, 1987-1988, 1991-1993, 2022-present
- Executive Committee, Member, 1996-1998, 2005-present
- Director, Undergraduate Studies, 1990-1993
- Director, Graduate Studies, 1999-2003
- Associate Department Head, 1989-1991
- Acting Department Head (short periods) 1987, 2008, 2009, 2010, 2011, 2015, 2022, 2023
- Curriculum Committee, Member, 1989-1991, 1994-1997
- Curation Committee, Member, 2008-2010
- COOP Advisor, 1999-2016
- Ad hoc Committee to assess space needs, chair, 1986, 1994
- Faculty Mentor, seven faculty members 2007-2010, 2007-2016, 2007-2010, 2011-2014, 2022-present
- Search Committee for the Associate Director, Center for the Study of the First Americans and Associate Professor, Chair, 2005
- Faculty Search Committee, Chair, 2013, 2023
- Chair, Search Committee for transformational hiring program (two archaeologists for the CSFA were hired), 2022
- Faculty Search Committee, Member, (six searches) 1989, 2002, 2015, 2017, 2021, 2023
- Tenure and Promotion Committee, Chair, Promotion of faculty member from Assistant Professor to Associate Professor with tenure, 2016
- Tenure and Promotion Committee, Chair, Promotion of faculty member from Associate Professor to Professor, 4 cases, 2009, 2011, 2015, 2016
- Tenure and Promotion Committee, Member, 1991-present

Department of Geography, Texas A&M University

- Search Committee Department Head, Member, 1996
- Search Committee for Deputy Dean, College of Geosciences and Maritime Studies, Member, 2002
- Faculty Search Committee, Chair, 2006
- Faculty Search Committee, Member, 1988, 1989, 2005, 2006
- Tenure and Promotion Committee, Member, 1992-2016
- Tenure and Promotion Committee, Chair, Promotion of three faculty members from Associate Professor to Professor, 2000, 2009, 2015
- Tenure and Promotion Committee, Chair, Promotion of three faculty members from Assistant Professor to Associate Professor with Tenure, 2002, 2011

Texas A&M University

- Association of Former Students Distinguished Achievement Awards Selection Committee, member, 2015
- University Strategic Planning Committee, member, representing Anthropology, 2015