

# CHARLES DAVID FREDERICK

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PERSONAL Born 25 April 1961 in Houston, Texas. Citizenship: USA.

## EDUCATION

1995 Ph.D., Geography, The University of Texas at Austin. Dissertation title: *Fluvial response to late Quaternary climate change and land use in central Mexico*. Dr. Karl Butzer, advisor  
1987 M. A. Geography, The University of Texas at Austin Thesis title: *A Paleoenvironmental Interpretation of the Austin Mastodon Site*. Dr. Karl Butzer, advisor  
1984 B. S. Geology, The University of Texas at Austin

PROFESSIONAL CREDENTIALS Licensed Professional Geologist, State of Texas, License No. 4708  
Licensed Professional Geoscience Firm, State of Texas, License No. 50166  
USDA-APHIS-PPQ Soil Import Permit Holder, Permit No. S-76608

## PROFESSIONAL WORK EXPERIENCE

### *Contract projects and other employment*

2003-present Self-employed geoarchaeologist, **and**, Research Fellow,  
Department of Geography and the Environment, The University of Texas at Austin.  
1996-2003 Lecturer (Associate Professor equivalent), Department of Archaeology and Prehistory, and Research  
Associate, Sheffield Centre for International Drylands Research, The University of Sheffield,  
England.  
1994-1996 Research Associate, Texas Archaeological Research Lab.  
1993-1994 Research Associate, University of Houston, Clear Lake, Environmental Institute.  
1991-1994 Geomorphologist-geoarchaeologist, Mariah Associates, Inc.  
1986-1991 Self employed consulting geomorphologist-geoarchaeologist.  
1987-1988 Teaching Assistant, Department of Geography, The University of Texas at Austin  
1984-1987 Research Assistant, Department of Geography, The University of Texas at Austin  
1983-1985 Geologist, Sandstones, Inc., (Dr. Earle F. McBride, Dept. of Geology, University of Texas).

## HONORS AND AWARDS

1995 *Archeologist of the Year*, an award of excellence in archeology presented by the Texas  
Historical Commission for a study on Edwards Chert (Frederick and Ringstaff 1994).  
1995 *Dissertation Award*, the Graduate School, The University of Texas at Austin, an award in  
recognition of a distinguished contribution to scholarship. Presented for the best dissertation in the  
College of Liberal Arts 1995.  
1992 *Professional Development Award*, Office of Graduate Studies, The University of Texas.  
1991 *Professional Development Award*, Office of Graduate Studies, The University of Texas.  
1990 *Professional Development Award*, Office of Graduate Studies, The University of Texas.  
1988 *Viola S. Hoffman Award*, Department of Geography, The University of Texas.

## RESEARCH GRANTS

Project: *The Origin and Evolution of Chinampa Agriculture, Basin of Mexico*  
Co-directed by C. Frederick, L. Morett (Univ. Autonoma de Chapingo-Mexico), V. Popper  
(UCLA-Institute of Archaeology), and F. Sanchez (Instituto Nacional de Antropologia e  
Historia – Mexico).  
2002 \$20,000, National Geographic Society (Grant No. 7195-02)  
2001 \$24,928, UC MEXUS-CONACYT  
Project: *Scientific Analysis of Bronze Age earthen (mudbrick) construction materials from Crete*  
C. Frederick and Eleni Nodarou PI's  
2001 \$21,025, Institute for Aegean Prehistory  
Project: *Origins of canal irrigation in the Yautepec River valley, Morelos, Mexico*  
2000 \$20,000, National Geographic Society (Grant No. 6692-00)  
National Environmental Research Council Radiocarbon-AMS Grants  
1998 £2100, for PhD student Adrian Lane, *Holocene Environmental Change In Southern  
Albania: evidence from Lake Butrint near Butrint*

- 1997 £2,450, for PhD student Athanansia Krahtopoulou, *Holocene Alluviation in Northern Pieria, central Macedonia, Greece*
- Project: Completion of the Edwards Group Chert Trace Element Database
- 1995 \$500, *University Research Institute Research Grant*, The University of Texas (in association with Dr. Thomas Hester)
- Equipment Grant
- 1996 £11,000, University Research Fund, University of Sheffield
- Project: Doctoral Dissertation
- 1990 \$9,123, National Science Foundation (No. SES-9001275)
- 1991 \$3,500, *E. D. Farmer International Fellowship*, Institute of Latin American Studies, The University of Texas at Austin
- 1990 \$3,500, *E. D. Farmer International Fellowship*, Institute of Latin American Studies, The University of Texas at Austin
- 1990 \$1,000, Sigma Xi, The Scientific Research Society Grant-in-Aid of Research
- 1990 \$1,000 Geological Society of America Research Grant
- 1988 \$3,500, *E. D. Farmer International Fellowship*, Institute of Latin American Studies, The University of Texas at Austin
- 1988 *Graduate Student Research Grant*, Office of Graduate Studies, The University of Texas at Austin.

REGIONAL FOCUS Southwest U.S., southern Great Plains, México, southern Europe- Mediterranean

RESEARCH INTERESTS: Geoarchaeology, human-environment interactions, paleoenvironmental reconstruction, ancient agriculture and horticulture, soils-geomorphology, archaeometry, Quaternary geology, and geomorphology.

## PUBLICATIONS

### Books

Kibler, K. W. and **C. D. Frederick**

2010 *Recognizing and Evaluating the Archeological Potential of the Landscape: An Introduction to Geoarchaeology*. Handbook for the Geoarchaeology Academy, Texas Archeological Society.

Johnson, D. L., R. D. Mandel and **C.D. Frederick** (coordinators)

2008 *The origin of the sandy mantle and mima mounds of the east Texas coastal plain: geomorphological, pedological and geoarchaeological perspectives*. Field Trip Guidebook, Geological Society of America Annual Meeting, Houston, Texas.

Bateman, M.D., P. C. Buckland, **C. D. Frederick**, and N. J. Whitehouse, (editors)

2001 *The Quaternary of East Yorkshire and North Lincolnshire*. Field Guide. Quaternary Research Association, London.

Halstead, P. and **C. D. Frederick** (editors)

2000 *Landscape and Land Use in Post-glacial Greece*. Sheffield, UK, Sheffield Academic Press.

### Journal Articles and Chapters in Edited Books

Boulter, C, M.D. Bateman, and **C. D. Frederick**

2010 Understanding geomorphic responses to environmental change: a 19,000 year case study from semi arid Central Texas, USA. *Journal of Quaternary Science*. DOI: 10.1002/jqs.1365

Borejsza, A., and **C. D. Frederick**

2010 Fluvial response to Holocene climate change in low-order streams of central Mexico. *Journal of Quaternary Science* DOI: 10.1002/jqs.1353

Borejsza, A., **C. D. Frederick**, and Richard G. Lesure

In press Swidden agriculture in the *tierra fría*? Evidence from sedimentary records in Tlaxcala. *Ancient Mesoamerica*.

Krahtopoulou, A., and **C. D. Frederick**

2008 The stratigraphic implications of long-term terrace agriculture in dynamic landscapes: polycyclic terracing from Kythera Island, Greece. *Geoarchaeology: An International Journal* 23:550-585.

Nodarou, Eleni, **C. D. Frederick** and A. Hein

2008 Another (mud)brick in the wall: scientific analysis of Bronze Age earthen construction materials from East Crete, *Journal of Archaeological Science* 35: 2997-3015.

Borejsza, A., **C. D. Frederick**, and M. D. Bateman

2008 Agricultural Slope Management and Soil Erosion at La Laguna, Tlaxcala, Mexico. *Journal of Archaeological Science* 35:1854-1866.

- Butzer, K. W., J. T. Abbott, **C. D. Frederick**, and P. Lehman  
2008 Soil-Geomorphology and Identification of “Wet” Cycles in the Holocene Record of North-Central Mexico. *Geomorphology* 101: 27-277.
- Wilder, M., **Frederick, C. D.**, Bateman, M. D., and Peter, D. E.,  
2007 Geoarchaeological Investigations in the Flats of the Osceola Plain, Highlands and Polk Counties, Florida. *Florida Anthropologist* 60(3):97-116.
- Bateman, M. D., Boulter, C. H., Carr, A. S., **Frederick, C. D.**, Peter, D., and Wilder, M.  
2007 Detecting post-depositional sediment disturbance in sandy deposits using optical luminescence. *Quaternary Geochronology* 2:57-64.
- C. Boulter, M. D., Bateman, and **C. D. Frederick**  
2007 Developing a protocol for selecting and dating sandy sites in East Central Texas: Preliminary results. *Quaternary Geochronology* 2:45-50.
- Frederick, C. D.**  
2007 *Chinampa* Cultivation in the Basin of Mexico. Observations on the evolution of form and function In *Seeking A Richer Harvest: The Archaeology of Subsistence Intensification, Innovation and Change* Tina L. Thurston and Christopher T. Fisher (eds) pp. 107-124. Human Ecology and Adaptation Book Series. Springer Scientific Publishing, New York.
- Bateman, M. D., Boulter, C. H., Carr, A. S., **Frederick, C. D.**, Peter, D., and Wilder, M.  
2007 Preserving the palaeoenvironmental record in Drylands: Bioturbation and its significance for luminescence-derived chronologies. *Sedimentary Geology* 195(1-2):5-19.
- Lesure, R. G., Borejsza, A., Carballo, J., **Frederick, C. D.**, Popper, V., and Wake, T. A.  
2006 Chronology, subsistence and the transition to the Formative in central Tlaxcala. *Latin American Antiquity* 17:474-493.
- Buckland, P. C. J. R. A. Greig, **C. Frederick**, P. Wagner and C. J. Beal  
2006 The Iron Age and Roman Landscape. In: *Iron Age and Roman Burials in Champagne*, edited by I.M. Stead, J-L Flouest and Valery Rigby, pp. 134-156. Oxbow Books, Oxford, UK
- Nichols, D. L., **C. D. Frederick**, L. Morett, and F. Sanchez  
2006 Water Management and Political Economy in Formative Period Central Mexico. In *Precolumbian Water Management: Ideology, Ritual and Power*, edited by L. Lucero and B. Fash, pp.51-66. The University of Arizona Press, Tucson.
- Boulter, C. H., Bateman, M. D., **Frederick, C. D.**, and Carr, A. S.,  
2006 Assessment of archaeological site integrity in sandy substrates using luminescence dating. *Bulletin of the Society for Archaeological Science* 29(2): 8-12.
- Frederick, C. D.**, B. Winsborough, and V. S. Popper  
2006 Geoarchaeological Investigations in the Northern Basin of Mexico. In *Production and Power at Postclassic Xaltocan*, edited by Elizabeth Brumfiel, pp. 71-115. Serie Arqueología de México, University of Pittsburgh.
- Bevan, A., **C. Frederick** and A. Krahtopoulou  
2003 A Digital Mediterranean Countryside: GIS approaches to the spatial structure of the post-medieval landscape on Kythera (Greece). *Archeologia e Calcolatori* 14:217-236.
- Bateman, M. D. **Frederick, C. D.** Jaiswal, M. K. and Singhvi, A. K.,  
2003 Getting to grips with bioturbation using luminescence. *Quaternary Science Reviews* 22: 1169-1176.
- Frederick, C. D.**, M.D. Bateman, and R. Rogers  
2002 Evidence for eolian deposition in the sandy uplands of East Texas and the implications for archaeological site integrity. *Geoarchaeology: An International Journal* 17(2) 191-217.
- Frederick, C. D.**, and M. D. Bateman  
2001 OSL Dating and Sandy Mantle Sites in East Texas: A reply. *Current Archaeology in Texas* 3(2):14-18.
- Bateman, M.D., P.C. Buckland, R. Carpenter, S. Davies, **C. D. Frederick**, B. R. Geary, and N. J. Whitehouse  
2001 Cove Farm Quarry. In *The Quaternary of East Yorkshire and North Lincolnshire*, Bateman, M.d., Buckland, P. C., Frederick, C. D., and Whitehouse, N. J. (editors). Field Guide. Quaternary Research Association, London.
- Frederick, C.D.**, P.C. Buckland, M. D. Bateman, and B. Owen.  
2001 South Ferriby cliff and Eastfield farm. In *The Quaternary of East Yorkshire and North Lincolnshire*, Bateman, M.d., Buckland, P. C., Frederick, C. D., and Whitehouse, N. J. (editors). Field Guide. Quaternary Research Association, London.
- Morett Alatore, Luis, Sánchez Martínez, Fernando, **Frederick, Charles**, and Alvarado, Jose Luis  
2001 Proyecto Arqueobotánico Ticumán. *Arqueología Mexicana* 8:17-19.
- Frederick, C. D.**  
2001 Evaluating causality of landscape change: Examples from alluviation. In *Earth Sciences and Archaeology*, edited by Paul Goldberg, Vance Holliday, and Reid Ferring, pp. 55-76. New York, Kluwer Academic/Plenum Publishers.
- Frederick, C. D.**, and A. Krahtopoulou

- 2000 Deconstructing agricultural terraces: Examining the influence of construction method on stratigraphy, dating and archaeological visibility. In *Landscape and Landuse in Post-glacial Greece*, edited by P. Halstead and C. Frederick, pp. 79-94. Sheffield, UK, Sheffield Academic Press.
- Fisher, C., H. Pollard, and **C. Frederick**  
 1999 Intensive agriculture and socio-political development in the Lake Pátzcuaro Basin, Michoacán, Mexico. *Antiquity* 73:642-649.
- Frederick, C. D.**, and M. D. Bateman  
 1998 The Potential Application of Optical Dating to the Sandy Uplands of East Texas and Northwestern Louisiana. *Journal of Northeast Texas Archeology* 11: 133-147.
- Hodge, M. G., C. E. Córdova F. de A., and **C.D. Frederick**  
 1998 Los Asentamientos Prehispanicos y el Medio Cambiante del Sureste de la Cuenca de México. *Medio Ambiente Agricultura e Industria en la Cuenca de México: Varios Siglos de Transformaciones*, edited by Alejandro Tortolero Villaseñor, Siglo XXI, Mexico, D.F..
- Frederick, C. D.**  
 1998 Late Quaternary Clay Dune Sedimentation on the Llano Estacado, Texas. *Plains Anthropologist* 43:137-155.
- Ellis, L. W., G. L. Ellis, and **C. D. Frederick**  
 1996 Implications of Environmental Diversity in the central Texas Archaeological Region. *Bulletin of the Texas Archeological Society* 66: 401-426.
- Nichols, D. N. and **C. D. Frederick**  
 1993 Irrigation Canals and Chinampas: Recent Research in the Northern Basin of Mexico. *Research in Economic Anthropology, Supplement 7*, Barry Isaacs and Vernon Scarborough, editors, pp. 123-150.
- Frederick, C. D.** and J. M. Quigg  
 1992 Late Quaternary Sedimentation and Geoarchaeology of Palo Duro Creek. *Current Research in the Pleistocene* 9: 119-121.
- Brumfiel, E. and **C. D. Frederick**  
 1992 Xaltocan: Centro Regional de la Cuenca de Mexico. *Consejo de Arqueologia Boletin 1991* , pp. 24-30, Mexico, D.F.: Instituto Nacional de Antropologia e Historia..
- Frederick, C. D.** and J. T. Abbott  
 1992 Magnetic Prospection of Prehistoric Sites in an Alluvial Environment: Examples From Northwest and West-Central Texas. *The Journal of Field Archaeology* 19(2):139-153.
- Doolittle, W. E., and **C. D. Frederick**  
 1991 Phytoliths as indicators of prehistoric maize (*Zea mays* subsp. *mays*, Poaceae) cultivation. *Plant Systematics and Evolution* 177: 175-184.
- Abbott, J. T. and **C. D. Frederick**  
 1990 Proton Magnetometer Investigations of Burned Rock Middens in West-Central Texas: Clues to Formation Processes. *Journal of Archaeological Science* 17: 535-545.
- Frederick, C. D.**  
 1988 Paleoenvironments of Colorado River Terrace Deposits, 301 Congress Avenue (Austin Mastodon Site), in *Congress Avenue, Austin, Texas—Lessons in Economic Geology, Architecture and History*, Woodruff, C. M., Jr., Coordinator. Austin Geological Society, Guidebook 12, Austin, Texas, pp. 20-28.
- Book Reviews*
- 2004 A Review of *Before the Volcano Erupted: The Ancient Cerén Village* in Central America. *The Holocene* 14(3):475.
- 2002 A review of *Environmental Archaeology: Principles and Practice* by Dena F. Dincauze, *Environmental Archaeology* 4.
- 2001 A review of *Geoarchaeology: exploration, environments, resources*, edited by A. M. Pollard, *Geotimes*.
- 2001 Comment on the Houston Area Geoarchaeology by James Abbott. In *Houston Area Geoarchaeology: A Framework for Archaeological Investigation, Interpretation, and Cultural Resource Management in the Houston Area Highway District*, by James T. Abbott, Appendix V. Texas Department of Transportation, Environmental Affairs Division. Austin, Texas.
- 1996 A review of *Formation Processes in Archaeological Context*, edited by Paul Goldberg, David T. Nash, and Michael D. Petraglia, *Geoarchaeology*. 11 (5):426-428.
- 1994 A review of *Principles of Geoarchaeology, A North American Perspective*, by Michael Waters. *American Scientist* 82: 489-490.
- Contract and Project Reports*
- Frederick, C.D.  
 2010 Geoarcheological Investigations. Chapter 9 in *Archaeological Data Recovery on Three Sites Along the San Antonio River, Bexar County, Texas*, by A.P. Padilla and D.L. Nickels, with contributions by R. Feit, W.N. Trierweiler, C.D. Frederick, P. Dering, L. Schneibs. T.K. Perttula, J.L. Thompson, and C.A. Jones (draft

- 2010). Prepared for the United States Army Corps of Engineers, Fort Worth District. Texas Antiquities permit 5023. Ecological Communications Corporation, Austin, Texas.
- Frederick, C.D.  
 2010 *Archaeological Investigations for the Wheeler Branch Pipeline and Water Treatment Plant in Central Somervell County, Texas. Volume II Geoarchaeological Survey.* Contract Report Number 221, Brazos Valley Research Associates, Bryan, Texas.
- Turpin, Jeff, Billy Turner, R. Jason Smart, and Charles Frederick  
 2009 *Intensive Survey of Eagle Pass Mine, Kincaid Ranch Extension, Maverick County, Texas.* RCT Permit 42A. TAS, Inc. Cultural Resources Report 28. Canyon Lake, Texas.
- Frederick, C. D.  
 2009 Geoarchaeological Investigations at LA85774. In *Archaeological Investigations at Columbus Pueblo (LA 85774), a Southern Mimbres Site in Luna County, New Mexico*, compiled by Nancy Kenmotsu. Geo-Marine Inc., El Paso, Texas.
- Frederick, Charles D. and Brittany Gregory  
 2010 Geoarchaeological Reconnaissance of the XS Ranch, Bastrop County Texas. Appendix B in Thornton, Meg, T. Miller, and M. Doty Freeman, *Phase I Archeological Investigations of Portions of the XS Ranch Property, Bastrop County, Texas*, USACE No: 2008-280. ACI consulting, Austin Texas.
- Frederick, C. D.  
 2009 *Geoarchaeological Reconnaissance of the XS Ranch, Bastrop County, Texas.* Manuscript submitted to ACI Consulting, Austin, Texas.
- Frederick, C. D.  
 2009 Evaluating the Paleoclimatic Potential of Coastal Clay Dunes at the Cayo del Oso Site. In *The Cayo del Oso Site (41NU2). Volume II. Results of Archeological Monitoring of Spur 3, Corpus Christi, Nueces County, Texas, 2000-2007*, by Barbara M. Meissner, Steve A. Tomka, Jennifer Thompson, and Raymond P. Mauldin, pp. 303-321. Archeological Studies Program Report No. 114, Environmental Affairs Division, Texas Department of Transportation, and Archaeological Report No. 390, Center for Archaeological Research, The University of Texas at San Antonio.
- Frederick, C. D.  
 2009 Alluvial Stratigraphy and Geoarchaeology of an Unnamed Tributary of Elm Creek, Eagle Pass Mine. In *Archaeological Data Recovery Investigations of Six Prehistoric Sites (41MV135, 41MV136, 41MV137, 41MV138, 41MV160 and 41MV164), Maverick County, Texas*, edited by Michael A. Nash.. PBS&J Project Number 044185100, PBS&J, Inc., Austin, Texas.
- Moore, W. E. and C. D. Frederick  
 2009 *An Archaeological Survey for the City of Sonora Water Improvements Project in Sutton County, Texas.* Brazos Valley Research Associates Contract Report Number 217, Bryan, Texas.
- Frederick, C. D.  
 2009 *Searching for trace evidence of human habitation at the Siren Site.* Manuscript submitted to SWCA Environmental, March 2009.
- Frederick, C. D.  
 2009 *The Siren Site in Context: An examination of the role of alluviation in providing archaeologically advantageous opportunities.* Manuscript submitted to SWCA Environmental, March 2009.
- Seebach, John and C. D. Frederick  
 2009 *Backhoe Trenching and Quaternary Alluvial Geomorphology in the Vicinity of Alpine Creek, Brewster County.* Center for Big Bend Studies, Sul Ross State University, Alpine, Texas.
- Dayton, C., C. D. Frederick and C. Tinsley  
 2008 *Draft Interim Report for National Register Evaluation of Site 41DL203, President George Bush Turnpike Eastern Extension from SH78 to IH30, Dallas County (CSJ 2964-06-009).* Miscellaneous Reports of Investigations 433, Geo-Marine Inc., Plano, Texas.
- Frederick, C. D.  
 2008 Regional Interpretations. *A Multicomponent, Stratified Campsite in the Canyonlands of Edwards County, Texas* by J. M. Quigg, J. D. Owens, P. M. Matchen, R. A. Ricklis, G. D. Smith, C. D. Frederick, and M. C. Cody, pp. 186-192. TRC Technical Report 35319 and Texas Department of Transportation, Environmental Affairs Division, Archeological Studies Program Report No. 110.
- Smith, G. and C. Frederick  
 2008 Geoarcheology. In *The Varga Site: A Multicomponent, Stratified Campsite in the Canyonlands of Edwards County, Texas* by J. M. Quigg, J. D. Owens, P. M. Matchen, R. A. Ricklis, G. D. Smith, C. D. Frederick, and M. C. Cody, pp. 173-192. TRC Technical Report 35319 and Texas Department of Transportation, Environmental Affairs Division, Archeological Studies Program Report No. 110.
- Stinchcomb, Erin K., James W. Karbula, Carole Leezer, Damon Stone and Charles Frederick  
 2008 *Archaeological Investigations of the USIBWC Rio Grande Canalization Project, El Paso County, Texas and Dona Ana County, New Mexico, Draft Report.* Report Prepared for the United States Section, International Boundary and Water Commission (USIBWC) Under Contract IBM04D0005, Task Order

- IBM08T025. ARPA Permit Application No. 17. Report prepared by William Self Associates, Inc., Austin, Texas. WSA Technical Report No. 2008-33.
- Quigg, J. Michael, C. D. Frederick, and Kendra G. Luedecke  
 2008 *Final interim report for Phase I of the Data Recovery at Three Prehistoric Sites (41PT185, 41PT186 and 41PT245) Located within the Landis Property in Potter County, Texas.* Report No, 150832, TRC Environmental Corporation, Austin, Texas.
- Cindy Tennis, Charles Frederick and Michelle Wurtz  
 2008 *Systematic Cultural Resources Investigations of The Donna-to-Brownsville Protective Levee System Rehabilitation Project within the Lower Rio Grande Flood Control Project (LRGFCEP).* Geo-Marine Inc., Plano, Texas.
- Aiuvalasit, M., and C. D. Frederick  
 2008 Georcheological Investigations. In *Phase IA Investigations of the Proposed Site for Victoria County Station, Units 1 and 2, Victoria County, Texas: Preliminary Analysis of Historic Property and Impact Potential*, edited by D. E. Peter and M. Prior. Miscellaneous Reports of Investigations Number 417. Geo-Marine, Inc., Plano, Texas. Tetra Tech NUS, Inc.
- Frederick, C. D.  
 2008 Georcheological Assessment of the Webberville Tract. In *Intensive Archeological Survey of the City of Austin 2,856 Acre Webberville Tract, Travis County, Texas*, by Bradford M. Jones, Matthew Stotts, and John Campbell (with contributions from Charles Frederick). Hicks & Company Archeology Series No.208. Hicks & Company, Austin.
- Frederick, C. D.  
 2008 *Analysis of a Core from the San Antonio River Mission Reach.* Letter report to Geo-Marine, Inc., July 2008.
- Frederick, C. D.  
 2008 Palaeoenvironment and Site Formation Processes. In *The Gatlin Site (41KR621): Investigating Archaic Lifeways on the Southern Edwards Plateau of Central Texas*, edited by Brett A. Houk, Kevin A. Miller and Eric R. Oksanen. pp. 6-1 to 6-19. Report No. 108, Archeological Studies Program, Environmental Affairs Division, Texas Department of Transportation, and SWCA Cultural Resources Report No. 2008-149, SWCA Inc., Austin, Texas.
- Frederick, C. D.  
 2008 Matrix-supported floodplain gravels: Implications for floodplain formation processes. In *The Gatlin Site (41KR621): Investigating Archaic Lifeways on the Southern Edwards Plateau of Central Texas*, edited by Brett A. Houk, Kevin A. Miller and Eric R. Oksanen, Appendix A. Report No. 108, Archeological Studies Program, Environmental Affairs Division, Texas Department of Transportation, and SWCA Cultural Resources Report No. 2008-149, SWCA Inc., Austin, Texas.
- Frederick, C. D.  
 2008 Evaluating the Paleoclimatic Potential of Coastal Clay Dunes at the Cayo del Oso Site. Draft Report. Archeological Survey Report, Center for Archaeological Research, University of Texas at San Antonio.
- Frederick, C.D, J.L. Thompson, and K.J. Cordova  
 2008 *A Geo-archeological Survey of the Proposed Plainview Hike and Bike Trail, Hale County, Texas:* Draft Report. Archeological Survey Report, Center for Archaeological Research, University of Texas at San Antonio.
- Bonine, M. L., M. R. Chavez, and C. D. Frederick  
 2008 *Significance Testing of Site 41SS164, San Saba County, Texas.* SWCA Cultural Resources Report No. 2007-537, and Texas Department of Transportation Environmental Affairs Division Archeology Studies Program Report 105, SWCA Environmental Consultants, Austin.
- Frederick, C. D., and C. M. Tinsley  
 2008 *Cultural Resources Inventory for the Arkansas River Navigation Project, Fort Smith, Arkansas, to Port of Catoosa, Tulsa, Oklahoma.* Miscellaneous Reports of Investigations Number 411. Geo-Marine, Inc., Plano, Texas.
- Frederick, C. D.  
 2007 Georcheological Investigations. In *Phase II Archeological Investigations at Sites 41BX254, 41BX256, 41BX1628 and 41BX1621 Within the Historical Mission Reach Project Area, San Antonio, Bexar County, Texas.* Volume I. by T. L. Osburn, C. Frederick, and C. G. Ward, pp. 53-57. Miscellaneous Reports of Investigations Number 373. Geo-Marine, Inc., Plano, Texas
- Osburn, T. L., C. Frederick, and C. G. Ward  
 2007 *Phase II Archeological Investigations at Sites 41BX254, 41BX256, 41BX1628 and 41BX1621 Within the Historical Mission Reach Project Area, San Antonio, Bexar County, Texas.* Volume I. . Miscellaneous Reports of Investigations Number 373. Geo-Marine, Inc., Plano, Texas
- Brownlow, R. K. and C. D. Frederick  
 2007 *Cultural Resources Investigations on the Proposed 1060-acre Vizcaya Development, Spicewood, Travis County, Texas (Volume 2: NRHP Eligibility Testing Investigations).* Horizon Environmental Services, Austin, Texas.

- Frederick, C. D.  
 2007 *Geoarchaeological Evaluation of Portions of the San Jacinto Battlefield, Harris County, Texas*. Prewitt and Associates, Inc., Austin, Texas.
- Frederick, C. D.,  
 2007 Geomorphology. In *Interim Report: Data Recovery Investigations at the Little Paint Site (41KM226), Kimble County, Texas*, by Steve Carpenter, Michael R. Chavez, Kevin Miller and Charles Frederick, pp. 5-1-5-6. SWCA Environmental Consultants, Austin, Texas.
- Frederick, C. D.  
 2007 Stratigraphic Reconnaissance of the South Llano River. In *Interim Report: Data Recovery Investigations at the Little Paint Site (41KM226), Kimble County, Texas*, by Steve Carpenter, Michael R. Chavez, Kevin Miller and Charles Frederick, Appendix B. SWCA Environmental Consultants, Austin, Texas.
- Turpin, Jeff, Charles Frederick, Solveig A. Turpin, R. Jason Smart, and Billy Turner  
 2007 *Cultural Resource Survey and Assessment of Uranium Energy Corporation's Weesatche Project, Goliad County, Texas*. Cultural Resources Report 21, TAS Inc.
- Turpin, Jeff, Billy Turner, and Charles Frederick  
 2007 *Intensive Survey of Area C, San Miguel Mine, Atascosa County, Texas*. Cultural Resources Report 20, TAS Inc.
- King, Brian and Frederick, Charles D.  
 2007 *Archeological Survey of the Proposed Hidalgo Protective Levee System in Hidalgo County, Texas*. Archeology Series No. 177, Hicks & Company, Austin, Texas
- Frederick, C. D.  
 2006 Geomorphology and Geoarchaeology. In *The McKinney Roughts Site 41BP627: A Stratified Late Archaic II Site on the Colorado River Terraces, Bastrop County, Texas*, by Steve Carpenter, Michael Chavez, Kevin Miller, and Ken Lawrence and with contributions by Charles Frederick, Corey Crawford, Vaughn M. Bryant, Robert Howells, and Andrew Malof, pp. 51-64. Cultural Resources Report No. 02-313. SWCA Environmental Consultants, Austin, Texas.
- Wilder, M. and Frederick C. D.  
 2006 *Archaeological and Geomorphological Investigations on the Avon Park Air Force Range, Highlands and Polk Counties, Florida*. Geo-Marine Inc., Plano Texas.
- Frederick, C. D., Bateman, M. D. and Carr, A.  
 2006 Evaluating the formation processes of sandy sites in flat landscapes at Avon Park Air Force Range. In *Archaeological and Geomorphological Investigations on the Avon Park Air Force Range, Highlands and Polk Counties, Florida*, by Wilder, Michael and Charles D. Frederick, pp. 262-294. Geo-Marine Inc., Plano Texas.
- Frederick, C. D.,  
 2006 Geomorphology and Quaternary Geology of APAFR. In *Archaeological and Geomorphological Investigations on the Avon Park Air Force Range, Highlands and Polk Counties, Florida*, by Wilder, Michael and Charles D. Frederick, pp. 295-314. Geo-Marine Inc., Plano Texas.
- Frederick, Charles  
 2006 Results of Geomorphic Field Reconnaissance: Proposed Lake Columbia Area of Potential Effect. *Phase Ia Cultural Resource Inventory Survey, Lake Columbia Water Supply Project, Cherokee and Smith Counties, Texas, Interim Report*. Horizon Environmental Services, Inc., Austin.
- Frederick, C. D., Trask, Lance K., and Skinner, S. A.,  
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#### SHORT COURSES AND OTHER PRESENTATIONS

- 2010 *Geoarchaeology Academy*, to be co-taught with Karl Kibler, March 18-21, 2010. Texas Archeological Society, Killeen, Texas.
- 2005 *Evaluating Significance*, presentation given to University of Texas Anthropology Class ANT-365, Cultural Resource Management (November 2005).
- 2005 *Fundamentals of Geoarchaeology*. A two day short course for archeological staff at Geo-Marine Inc., Plano, Texas.

#### PAPERS AND POSTERS

- 2010 *Late Holocene Environmental Change along West Amarillo Creek, Potter County, Texas*. Paper to be presented at the Southwest Federation of Archeological Societies meeting, Hobbs, New Mexico, April 9-11, 2010.
- 2009 *The "Good" Site: Exploring how sedimentation conditions the archeological record and provides archeologically advantageous opportunities*. Paper presented at the Texas Archeological Society Annual meeting, Del Rio, Texas
- 2009 *Dynamic sedimentation or biomantle: A close look at an archaeological site adjacent to Boriak Bog, Lee County, Texas* (with Claire Boulter, Mark Bateman and Elton R. Prewitt). East Texas Archeological Conference, Tyler Texas.
- 2008 *Not all natural glass is obsidian: A newly discovered source of natural glass from the Willis Formation near Cuero, Texas* (with John Arnn, M. Steven Shackley, and William Foster). Paper presented at the Texas Archeological Society Annual meeting, Lubbock, Texas.
- 2008 *Evolution of an irrigation canal in the Yautepic Valley of Morelos* (Frederick, C. D., L. Morett, Sanchez, F., and A. Borejsza). Paper presented at the Society for American Archaeology Meeting.
- 2007 *Cut-Fill-Drape: Unravelling the Holocene Alluvial Deposits of Onion Creek, Austin Texas*. Paper presented at the Geological Society of America Meeting, Denver, Colorado.
- 2007 *Exploring the Palimpsest: Origins and Implications for Texas Archeology*. Paper presented at the Spring meeting of the Council of Texas Archeologists, Austin, Texas.

- 2007 *Dynamic Agricultural Landforms in a Changing Landscape: Chinampa Agriculture in the Southern Basin of Mexico* (with Ginny Popper, Luis Morett, and Fernando Sanchez). Paper presented at the Society for American Archaeology Meeting, Austin, Texas.
- 2007 *Anatomy of a Biomantle: OSL Dating Results from Sandy Sites in Central Florida* (with Michael Wilder, Duane Peter, and Mark Bateman). Poster presented at the Society for American Archaeology Meeting, Austin, Texas.
- 2007 *After the flood: The intensity and long-term impact of Formative Agriculture in Mesoamerica*, Alex Borejsza (UCLA) with Charles Frederick and Luis Morett Alatorre, Paper presented at the Society for American Archaeology Meeting, Austin, Texas.
- 2007 *Exploring the Hidden Structure of the Sandy Mantle: Some Results of Recent Research Using Optically Stimulated Luminescence Dating* (with Mark Bateman and Claire Boulter). Paper presented at the East Texas Archeological Conference, Tyler, Texas.
- 2005 *Anatomy of a biomantle: OSL dating results of sandy sites in central Florida* (with Mark D. Bateman, Andy Carr, Duane E. Peter and Michael Wilder). Paper presented at the Geological Society of America Meeting, Salt Lake City, Utah.
- 2005 *Plateau Landscapes and Depositional Patterns: Implications for Advancing Prehistory* (with Karl Kleinbach and Sunny Wood). Paper presented at the 76<sup>th</sup> Annual Meeting of the Texas Archeological Society, Austin, Texas.
- 2004 *Prospecting for deeply stratified sites in cut and fill alluvial environments: Some counter-intuitive clues* (with James T. Abbott). Paper presented at the 75<sup>th</sup> Annual Meeting of the Texas Archeological Society, College Station, Texas.
- 2003 *Prospecting for deeply stratified sites in cut and fill alluvial environments: Some counter-intuitive clues* (with James T. Abbott). Paper presented at the Chacmool Conference, University of Calgary, Canada, November 2003.
- 2003 *Another (mud)brick on the wall: scientific analysis of Bronze Age earthen construction materials from Mochlos (East Crete)* [with Eleni Nodarou]. Poster presented at the 4th Symposium on Archaeometry, Hellenic Society for Archaeometry, Athens Greece, May 28-31, 2003.
- 2002 *Polycyclic Terracing: The view from Kythera* (with Athanasia Krahtopoulou and Maria Kousoulakou). Poster presented at METRON: Measuring the Aegean Bronze Age, April, 2002, Yale University, New Haven Connecticut.
- 2001 *Political Economy, Agricultural Change, and Formative Period Irrigation in Central Mexico* (with Deborah L. Nichols) . Paper presented in a symposium, "Precolumbian Water Management: Ideology, Ritual, and Power," organized by Lisa Lucero and Barbara Fash at the 66<sup>th</sup> Annual Meeting of the Society for American Archaeology, New Orleans, April 2001.
- 2000 *Where do we go from here? The future of geoarchaeology in Texas*. Invited paper presented at a special session of the Texas Archaeological Society Annual Meeting titled: *Geoarchaeology in Texas: Yesterday, Today and Tomorrow*.
- 2000 Co-organized (with Mark Bateman) a special session titled: *Recent Results of Optical Luminescence Dating in East Texas*, for the Texas Archaeological Society Annual Meeting in Houston, Texas, October 2000.
- 2000 *Luminescence dating and its application to geoarchaeological problems* (with Mark Bateman). Paper presented at a special session of the Texas Archaeological Society Annual Meeting titled: *Recent Results of Optical Luminescence Dating in East Texas*.
- 2000 *Eolian deposit or in situ weathering? Using luminescence dating to explore the age and origin of summit sand deposits* (with Mark Bateman, M. D., and Robert Rogers). Paper presented at a special session of the Texas Archaeological Society Annual Meeting titled: *Recent Results of Optical Luminescence Dating in East Texas*.
- 2000 *Exploring the Effects of Rodent Bioturbation on Luminescence ages* (with Mark Bateman, and Martin Lawson). Paper presented at a special session of the Texas Archaeological Society Annual Meeting titled: *Recent Results of Optical Luminescence Dating in East Texas*.
- 2000 *Summary of OSL Results in East Texas. Thoughts on future research*. Paper presented at a special session of the Texas Archaeological Society Annual Meeting titled: *Recent Results of Optical Luminescence Dating in East Texas*.
- 2000 *Unravelling the Geomorphic Processes responsible for the Upland sand mantles of Eastern Texas* (with Mark Bateman, Robert Rogers, Robert Ricklis, and Martin Lawson). Paper presented at the 40th Anniversary Meeting of the British Geomorphological Research Group, Sheffield.
- 2000 *Multi-disciplinary study of an Early Aztec Chinampa in the Southeast Basin of Mexico* (with Carlos Cordova, Emily McClung de Tapia, Barbara Winsborough, Mary Hodge and Jaime Urrutia-Fucugauchi) paper presented at the 65th Meeting of the Society for American Archaeology, Philadelphia, Pennsylvania.
- 2000 *Late Holocene Landscape Response to Human Settlement in the Basin of Mexico*. Poster presented at the INQUA Commission of the Holocene meeting: Environmental changes in Holocene sequences - Methods, processes and correlations, Seville Spain, 27-31 March 2000.

- 1999 *Multi-disciplinary study of an Early Aztec Chinampa in the Southeast Basin of Mexico* (with Carlos Cordova, Emily McClung de Tapia, Barbara Winsborough, Mary Hodge and Jaime Urrutia-Fucugauchi). Research Forum 1999, Centre for Human Palaeoecology, University of York, Tempest Anderson Hall, York, November 1999.
- 1999 *Chinampa cultivation in the Basin of Mexico: Observations on the evolution of form and function*, paper presented at the 64th Meeting of the Society for American Archaeology, Chicago, Illinois.
- 1999 Co-organized (with Paul Halstead and Kieth Brannigan) a Round Table Meeting on Postglacial Environmental Change in Greece, Sheffield, January 1999.
- 1999 *Evaluating causality of landscape change: Examples from alluviation*. Paper presented at the Round Table Meeting on Environmental and Geoarchaeological Research in Aegean Archaeology, Sheffield, January 1999.
- 1998 Co-organized (with Karl Butzer) a special session at the Association of American Geographers meeting in Boston, Massachusetts, titled *Water, Environment and Settlement in Late Prehistoric and Colonial Northern Mexico*.
- 1998 *Aridification of Late Holocene Riparian Environments, Saltillo, Mexico* (with Paul Lehman and Bruce Albert) Paper presented at the 93rd Annual Meeting of the Association of American Geographers, Boston, Massachusetts.
- 1998 *Late Holocene Eolian and Lacustrine Sedimentation in Laguna Mayran, Mexico*. (with Mark Bateman and Barbara Winsborough) Paper presented at the 93rd Annual Meeting of the Association of American Geographers, Boston, Massachusetts.
- 1997 Co-organized (with Karl Butzer) a double special session at the Association of American Geographers meeting in Fort Worth, Texas, titled *Environmental History of Northern Mexico*.
- 1997 *A Ponded Holocene Floodplain of Pre-Colonial Age at Saltillo, Mexico* (with J. T. Abbott). Paper presented at the 93rd Annual Meeting of the Association of American Geographers, Fort Worth, Texas.
- 1997 *A Holocene Alluvial Record from Uppermost Rio Nazas, Durango, Mexico*. (with J. T. Abbott). Paper presented at the 93rd Annual Meeting of the Association of American Geographers, Fort Worth, Texas.
- 1995 *The myth and the reality of Edwards Chert*. Paper presented at the 53rd Plains Anthropological Conference, Laramie Wyoming.
- 1995 *Cultural landscape disturbance in central Mexico: A review of the precolumbian and post-conquest evidence*. Paper presented at the 91st Annual Meeting of the Association of American Geographers, Chicago, Il.
- 1994 *Late Holocene aeolian sedimentation and climatic change on the Llano Estacado, Texas*. 52nd Plains Anthropological Conference, Lubbock, Texas.
- 1994 *Paluxy sites: An example of geologic selectivity in prehistoric site location from Fort Hood, Coryell County, Texas* (with James T. Abbott, and G. Lain Ellis). 52nd Plains Anthropological Conference, Lubbock, Texas.
- 1994 *Amino acid racemization of land snails: Stratigraphic correlation and evaluation of integrity of archeological deposits* (with G. Lain Ellis, Glenn A. Goodfriend, and James T. Abbott). 52nd Plains Anthropological Conference, Lubbock, Texas.
- 1994 *Geoarchaeological investigations in the northern Basin of Mexico*. Society for American Archaeology 59th Annual Meeting, Anaheim, California.
- 1993 *Fluvial response to late Quaternary climate change and anthropic disturbance in the state of Guanajuato, Mexico* (with S. Valastro, Jr.). First International Conference on Climatic Change in Mexico, Taxco, Mexico.
- 1992 *Late Quaternary sedimentation by the Rio Laja, Guanajuato, Mexico*. Paper presented at the 88th Annual Meeting of the Association of American Geographers, San Diego, California.
- 1992 *Environmental modification in an urban environment: The significance of urban archaeological deposits*. Paper presented at the annual meeting of the Society of Historical Archaeologists, Kingston, Jamaica.
- 1991 *Alluvial stratigraphy of Palo Duro Creek, Hansford County, Texas*. Paper presented at the 49th Annual Plains Anthropological Conference, Sioux City, Iowa.
- 1991 *Mima-like mounds of the Gulf Coast: a regional perspective*. Presented at the 87th Annual Meeting of the Association of American Geographers, Miami, Florida.
- 1991 *Late Quaternary alluvial stratigraphy of Palo Duro Creek, Panhandle High Plains, Hansford County, Texas* (with J. M. Quigg). Poster presented at the Geological Society of America Annual Meeting, 21-24 October 1991.
- 1990 *Post-Colonial landscape modification in the northern Bajio (Guanajuato), Mexico*. Presented at the 86th Annual Meeting of the Association of American Geographers, Toronto, Canada.
- 1990 *Mima-like mounds of the Texas and Louisiana Gulf Coastal Plain: an overview of their morphology, composition, structure and hypothesized origins*. Presented at the Southwest Association of American Geographer's Meeting, Austin, Texas.

- 1990 *Proton magnetometer investigations of burned rock middens in west-central Texas: Clues to formation processes* (with J. T. Abbott). Presented at the 48th Annual Plains Anthropological Conference, Oklahoma City, Oklahoma.
- 1989 *Magnetic prospection of prehistoric sites in an alluvial environment: Examples from northwest and west-central Texas* (with J. T. Abbott). Presented at the 47th Annual Plains Anthropological Conference, Sioux Falls, South Dakota.
- 1987 *Paleoenvironmental analysis of the Austin Mastodon Site, Austin, Texas*. Presented at Southwest Association of American Geographer's Meeting, Galveston, TX.

#### PROFESSIONAL AFFILIATIONS

Society for American Archaeology  
 American Quaternary Association  
 Geological Society of America  
 Texas Archeological Society  
 Council of Texas Archeologists  
 German-Texan Heritage Society

#### SHORT COURSES AND CONTINUING EDUCATION

- 2010 *Geoarchaeology Academy*, co-taught with Karl Kibler. Texas Archaeological Society short course held at Fort Hood, Texas, 19-21 March 2010.
- 1995 *Rock Magnetism*, Workshop organized by Rinita Dalan and Chris Hunt, Institute for Rock Magnetism, University of Minnesota, in association with the 60th annual Meeting of the Society for American Archaeology.

#### SERVICE

- 2008-2011 Board of Directors, German-Texas Heritage Society
- 2006-2008 Member, Texas Historical Commission, Antiquities Advisory Board
- 2006-2008 President, Council of Texas Archeologists
- 1999-2003 Sheffield Studies in Aegean Archaeology editorial advisory panel
- 1996-2003 Supervisory Board, Sheffield Centre for International Drylands Research.
- 2001-2003 Departmental Examinations Officer
- 2001-2003 Undergraduate Teaching Committee
- 2000-2003 Staff Review and Development Reviewer
- 2000-2003 Foreign Student Liason Officer
- 1996-2002 Department Safety Officer, Department of Archaeology and Prehistory, University of Sheffield.
- 1997 First Year Tutor (Autumn Semester), Department of Archaeology and Prehistory, University of Sheffield.
- 1995-1996 Archeological Standards Committee, Council of Texas Archeologists
- 1985-1987 President, Graduate Association of Geography Students, Department of Geography, The University of Texas at Austin.

#### PEER REVIEWER FOR:

*Geoarchaeology: An International Journal*  
*Quaternary Science Reviews*  
*Environmental Archaeology*  
*Boletin del Instituto de Geografia (Universidad Nacional Autonoma de México)*  
*Journal of Archaeological Science*  
*Geomorphology*  
*Journal of Arid Environments*  
*Routledge*  
*Arnold*  
*National Environmental Research Council (UK)*  
*Israel Science Foundation*  
*Committee for Research and Exploration, National Geographic Society*

#### TEACHING

##### Courses Taught

<u>Level</u>	<u>Course</u>
Undergraduate	<i>Natural Landscapes in Archaeology</i>
	<i>Palaeoecology of Archaeological Environments</i>
	<i>Environmental Change</i>
	<i>Archaeology in the Field</i>
	<i>World Civilizations</i>
	<i>Study skills (statistics)</i>

Graduate                      *Theory and Practice in Geoarchaeology (Master of Science, Environmental Archaeology and Palaeoeconomy)*  
    *Soils in Landscape Archaeology (Master of Arts, Landscape Archaeology)*  
    *Seminar in Environmental Archaeology*  
    *Field course (Master of Science, Environmental Archaeology and Palaeoeconomy)*

VIVA VOCE (PHD) EXAMINATIONS (UNITED KINGDOM)

Internal                      Katheryn Groves (2001), John Tweddle (2000), Tessa Roper (2000), Evan Peacock (1999)  
 External                      Pat Killpack (University College London, 2002)

MASTER STUDENT COMMITTEES (USA)

David Yelacic                      Texas State University, Department of Geography, expected completion 2011

DISSERTATIONS SUPERVISED

MSc Students

Carpenter, Richard, 2000. *The Late Devensian sediments of Cove Farm Quarry, Westwoodside, –Processes of deposition and their regional significance.* Thesis (M.Sc.) - University of Sheffield, Department of Archaeology and Prehistory.  
 Chrysopoulou, Eleni, 2000. *Identification of activity areas by physical and chemical characterization of sediments from modern and archaeological domestic floors.* Thesis (M.Sc.) - University of Sheffield, Department of Archaeology and Prehistory.  
 Galli, Eirini, 2000. *Earth structure deterioration process and patterns of deposition: A case study from Macedonia, Greece on natural formation processes.* Thesis (M.Sc.) Thesis (M.Sc.) - University of Sheffield, Department of Archaeology and Prehistory.  
 Alcock, Jennifer, 1998. *Garden soils: the Medieval and 17th century horticultural beds of Wood Hall moated manor.* Thesis (M.Sc.) - University of Sheffield, Department of Archaeology and Prehistory, ISBN M0013158SH.  
 Bacon, Denise A., 1998. *An investigation into crop mark disappearance at Swarkestone Quarry, Barrow-upon-Trent, Derbyshire using stratigraphical soil and sediment analysis.* Thesis (M.Sc.) - University of Sheffield, Department of Archaeology and Prehistory, ISBN M0013155SH.  
 Fabb, Helen M., 1998. *Evaluation of the use of fluorescence in determining the temperature at which archaeological bone was burnt at using modern samples.* Thesis (M.Sc.) - University of Sheffield, Department of Archaeology and Prehistory, ISBN M0013152SH.  
 Koulidou, Sophia, 1998. *Depositional patterns in abandoned modern mud brick structures.* Thesis (M.Sc.) - University of Sheffield, Department of Archaeology and Prehistory, ISBN M0013162SH.  
 Nodarou, Eleni, 1998. *Soils and sediments from the habitation site at Chrysokamino, East Crete :a geoarchaeological study.* Thesis (M.Sc.) - University of Sheffield, Department of Archaeology and Prehistory, ISBN M0013165SH.

Doctoral Students

Krahtopoulou, Athanasia, 2001. *Human settlement in the evolving landscape of Northern Pieria, Macedonia, Greece.* Thesis (Ph. D.) - University of Sheffield, Department of Archaeology and Prehistory.  
 Heath, Anne-Marie, 2003. *Prehistoric land use and landscape change on the Eastern Moors, Peak District, Derbyshire, UK.* Thesis (Ph. D.) - University of Sheffield, Department of Archaeology and Prehistory.  
 Borejsza, Aleksander , 2007. *Soil erosion and prehistoric agriculture in Formative Tlaxcala (approximate title).* Co-supervisor with Dr. Richard Lesure, Cotsen Institute of Archaeology, University of California at Los Angeles..  
 Claire Boulter, 2007, *Reconstructing palaeoenvironmental dynamics of East Central Texas since the Last Glacial Maximum.* Co-supervisor with Dr. Mark Bateman, University of Sheffield, Geography Department.

REFERENCES

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