

Richard William Redding
505 East Huron #804
Ann Arbor, Michigan 48104
Phone: 734 507 9464
rredding@umich.edu

Education

University of Michigan	1981	Ph.D., Anthropology and Biological Sciences
University of Michigan	1971	B.A., Anthropology and Geology

Professional Employment

Research Scientist	July 2012-	Kelsey Museum, University of Michigan
Chief Research Officer	Jan. 2007-	Ancient Egypt Research Associates, Boston, MA
Associate Curator	Dec 1995-Dec 2011	Museum of Anthropology, University of Michigan
Lecturer	Sept 2011-Dec 2011	Department of Anthropology, University of Michigan
Associate Director	Sept 2008-Nov 2010	Museum of Anthropology, University of Michigan
Lecturer	Sept 2007-Oct 2007	Department of Anthropology, University of Michigan
Lecturer	July 2007	Santa Fe Institute, Summer Complexity Workshop, China
Lecturer	Jan 2007-April 2007	Department of Anthropology, University of Michigan
Lecturer	Sept 2005-Dec 2005	Department of Anthropology, University of Michigan
Adj Assist Research Scientist	Nov 1993-June 2006	Museum of Anthropology, University of Michigan
Curator	July 1986-Aug 1991	Cranbrook Institute of Science
Lecturer	Sept 1986-Aug 1991	Department of Anthropology, Oakland University
Visiting Assistant Professor	July 1985-June 1986	Department of Anthropology, Wellesley College
Assistant Professor	July 1983-Jan 1985	Department of Anthropology, Hamilton College
Adj Lecturer	Sept 1982-Dec 1982	Department of Anthropology, University of Michigan-Dearborn
Lecturer	Jan 1982-April 1982	Biological Sciences, University of Michigan

Grant and Publications Reviews

National Science Foundation
National Geographic
Journal of Anthropological Archaeology
Journal of Archaeological Science
Paleorient
Current Anthropology
Weiner Laboratory, American School Classical Studies, Athens

Grants

See Research Statement for funds raised as a member of AERA	2004-2012
National Science Foundation Collection Improvement Grant, US\$24,147, NSF9601062 Co-PI for “Upgrade of the Facilities in the Archaeozoology Laboratory at the University of Michigan”	1996
National Science Foundation Research Grant, US\$ 88,423, NSF8718787 Co-PI for “ Prehistoric Egyptian Socioeconomic Structure”	1988
National Science Foundation Research Grant, US\$24,347, NSF8407006 Co-PI for “Old Kingdom Economy and Society in the Egyptian Delta”	1984

Fellowships

American Research Center in Egypt, Fellow	1983
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Service (Last 5 years)

Board Member, Ancient Egypt Research Associates	Jan 2005-Present
Board Member, Wiener Laboratory, American School of Classical Studies in Athens, Greece	Jan 2009-Present
Member of the International Committee, International Council for Archaeozoology	Aug 2004-Aug 2008

Books

R.J Wenke, R.W. Redding and P. Buck. Ready for submission. An Old Kingdom Village in The Nile Delta: Excavations at Kom el-Hisn 1984-1988, Book length monograph.

Peer-Reviewed Articles and Book Chapters

Redding, R.W. 2010. Status and diet at the Workers’ Town, Giza, Egypt. In *Cambr*, edited by D. Campana, P. Crabtree, S. D. deFrance, J Lev-Tov and A. Choyke, pp. 65-75, Cambridge, England.

Redding, R.W. 2005. Breaking the mold: A consideration of variation in the evolution of animal domestication. In *First Steps Towards Animal Domestication*, edited by J.D. Vigne, J. Peters, and D. Helmer. Oxbow Press, London.

Redding, R.W. 2003. The faunal remains from Chogha Bonut. In *Excavations at the Prehistoric Mound of Chogha Bonut, Khuzestan, Iran: seasons 1976/77, 1977/78 and 1996*, edited by A. Alizadeh. University of Chicago, Oriental Institute, Publication
120.

Redding R.W. 2003. Vertebrate Fauna from the Hellenistic and Roman Layers. In Excavations at Coptos (Qift) in Upper Egypt, 1987-1992, S.C. Herbert and A. Berlin. *Journal of Roman Archaeology, Supplementary Series*, 53:205-220

Redding, R. W. 2002. The study of human subsistence behavior using faunal evidence from archaeological sites. In *Archaeology: Original readings in method and practice*, edited by Peter. N. Peregrine, Carol R. Ember and Melvin R. Ember, pp92-110. Prentice Hall, N.Y.

Rosenberg, M., and RW. Redding. 1998. Early pig husbandry in southwestern Asia and its implications for the modeling the origins of food production. In *Ancestors for the Pigs*, edited by S. Nelson. University of Pennsylvania Museum of Archaeology and Anthropology, MASCA Research Papers in Science and Archaeology, 15. 1998

Redding, RW and M. Rosenberg. 1998. Ancestral Pigs: A New (Guinea) model for pig domestication in the Middle East. In *Ancestors for the Pigs*, edited by S. Nelson. University of Pennsylvania Museum of Archaeology and Anthropology, MASCA Research Papers in Science and Archaeology, 15.

Rosenberg, M., Nesbitt, R. M., Redding, R. W., & Peasnell, B. L. 1995. Hallan Çemi, pig husbandry, and post-Pleistocene adaptations along the Taurus-Zagros arc (Turkey). *Paleorient*, 24, 25-41.

Redding, R.W. 1993. Subsistence security as a selective pressure favoring increasing cultural complexity. *Bulletin of Sumerian Agriculture*, 7:77-98.

Redding, R.W. 1992. Old Kingdom patterns of animal use and the value of faunal data in modeling socioeconomic systems. *Paleorient* 18(2).

Redding, R.W. 1992. The vertebrate remains. *Azania* 27:113-117.

Redding, R.W. 1991. The role of the pig in the subsistence system of Ancient Egypt: A parable on the potential of faunal data. In, *Animal Use and Culture Change*, edited by P.J. Crabtree and K. Ryan, pp 20-30. MASCA Research Papers in Science and Archaeology, Supplement to Volume 8

Redding, R.W. 1988. A general model of subsistence change: from hunting and gathering to food production. *Journal of Anthropological Archaeology*, 7:56-97.

Wenke, R.W., et al. 1988. Kom el-Hisn: excavation of an Old Kingdom settlement in the Egyptian Delta. *Journal of the American Research Center in Egypt*, 25:5-34.

Wright, H.T., R.W. Redding and S. Pollack. 1988. Monitoring interannual variability: an example from the period of early state development in southwestern Iran. In, *Bad time economics*, edited by P. Halstead and J. O'Shea, pp106-113. British Archaeological Reports, International Series.

Redding, R.W. 1985. The role of faunal remains in the explanation of the development of complex societies in south-west Iran: potential, problems and the future. *Paleorient*, 11/2:121-124.

Redding, R.W. 1984. Theoretical determinants of a herder's decisions: modeling variation in the sheep/goat ratio. In, *Animals and archaeology: 3. Early herders and their flocks*, edited by J. Clutton-Brock and C. Grigson, pp223-241. British Archaeological Reports, International Series 202.

Redding, R.W. 1984. IV The Faunal Remains. In *Archaeological Investigations at El-Hibeh 1980: Preliminary Report*, R.J. Wenke. American Research Center in Egypt, Reports 9:39-49

Redding, R.W. 1981. The faunal remains from Tappeh Farukhabad. In, *An early town on the Deh Luran Plain: Excavations at Tappeh Farukhabad*, edited by H.T. Wright, pp233-261 and 391-426. University of Michigan, Museum of Anthropology. Memoir 13.

Redding, R.W. 1981. The bone tools. In, *An early town on the Deh Luran Plain: excavations at Tappeh Farukhabad*, edited by H.T. Wright, pp49-50. University of Michigan, Museum of Anthropology. Memoir 13.

Wright, H.T., N. Miller and R.W. Redding. 1980. Time and process in an Uruk rural center. In, *L'archaeologie de L'Iraq perspectives et limites de L'interpretation anthropologique des documents*, edited by C.N.R.S., pp263-280. C.N.R.S. Colloques Internationaux 580.

Redding, R.W., M.A. Zeder and J. McArdle. 1978. Bonesort II: A system for computer processing of identifiable faunal material. In *Approaches to faunal analysis in the Middle East*, edited by R.H. Meadow and M.A. Zeder, pp135-147. Peabody Museum Bulletin 2.

Redding, R.W. 1978. Rodents and the archaeological paleoenvironment: considerations, problems and the future. In, *Approaches to faunal analysis in the Middle East*, edited by R.H. Meadow and M.A. Zeder, pp63-68. Peabody Museum Bulletin 2.

Redding, R.W., and D.M. Lay. 1978. Description of a new species of shrew of the genus *Crocidura* (Mammalia:Insectivora: Soricidae) from southwestern Iran. *Zeitschrift fur Saugtierkunde* 43:306-310.

Redding, R.W., J. Wheeler Pires-Ferreira and M.A. Zeder. 1977. A proposed system for computer analysis of identifiable faunal material from archaeological sites. *Paleorient* 3:191-205.

Other Contributions and Reviews

Redding, R.W. 2011. Why we excavate where we do. In *Giza Plateau Mapping Project Season 2009 Preliminary Report, Giza Occasional Papers 5*, edited by M. Lehner, pp. -105-109, Boston

Redding, R.W. 2011. The OK Corral: Standing Wall Island Mystery Solved. *Aeragram*, Vol 12(1); 2-5.

Redding, R.W. 2007. The faunal remains from the excavations of Main Street. In *Giza Reports: The Giza Plateau Mapping Project, Vol. 1: Project History and Survey, Main Street, Gallery III.4, and Ceramics* edited by M. Lehner

Redding, R.W. 2007. The faunal remains from Gallery III.4 In *Giza Reports: The Giza Plateau Mapping Project, Vol. 1: Project History and Survey, Main Street, Gallery III.4, and Ceramics*, edited by M. Lehner.

Redding, R.W. 2006. Pyramids and Protein: Of cattle, sheep, goats and pigs. http://www.aeraweb.org/spec_zoo.asp

Redding, R.W. 2004. A review of The Mammals of Ancient Egypt, by D.J. Osborn and J. Osbornova. *Journal of Ethnobiology*, 22(2).

Redding, R.W. 2003. The faunal remains from Chogha Bonut. In *Excavations at the Prehistoric Mound of Chogha Bonut, Khuzestan, Iran: seasons 1976/77, 1977/78 and 1996*, edited by A. Alizadeh. University of Chicago, Oriental Institute, Publication 120.

Redding, R.W. 2003. A review of Archaeozoology of the Near East : Proceedings of the Fourth International Symposium on the Archaeology of Southwest Asia and Adjacent Areas. *Paleorient*.

Redding, R.W. 2003. The faunal remains from Chogha Bonut. In *Excavations at the Prehistoric Mound of Chogha Bonut, Khuzestan, Iran: seasons 1976/77, 1977/78 and 1996*, edited by A. Alizadeh. University of Chicago, Oriental Institute, Publication 120.

Wright, H.T., N. Miller, R.W. Redding and J.A. Neely. 2000. A Late Susiana society in Southwestern Iran. In *The Iranian World: Essays on Iranian Art and Archaeology*, edited by A. Alizadeh, Y. Majidzadeh, and S.A. Shahmirzadi: 64-79

Redding, R.W. 1998 The faunal remains from Fatmali Kalecik. In *Karatepe'deki Isik: Studies Presented to Halet Chambel*, edited by g. Arsebuk, M.J. Millink, and W. Schirmer. Ege Yayinlar, Istanbul.

Redding, R.W. 1995. The study of human subsistence behavior using faunal evidence from archaeological sites. *Research Frontiers in Anthropology*. Prentice-Hall, New Jersey.

Redding, R.W. 1994. Chapter 7: The vertebrate fauna. In, *Tel Anafa*, edited by S. Herbert, pp277-322. University of Michigan, Kelsey Museum, Papers in Roman Archaeology.

Wenke, R.J., and R.W. Redding. 1987. Excavations at Kom el-Hisn: 1986. *Newsletter of the American Research Center in Egypt*, 132: 8-18.

Wenke, R.J., and R.W. Redding. 1985. Excavations at Kom el-Hisn: 1984. *Newsletter of the American Research Center in Egypt*, 129:1-11.

Redding, R.W. 1984. The faunal materials. In, *Archaeological investigations at el-Hibeh 1980: preliminary report*, edited by R.J. Wenke, pp39-49. American Research Center in Egypt, Reports 9.

Redding, R.W. 1984. Dembeni phase reptile, bird and mammal remains. *Azania* XIX: 51-54.

Redding, R.W., and H.T. Wright. 1979. The paleolithic periods on the Izeh Plain. In, *Investigations in northeastern Xuzistan*, edited by H.T. Wright, pp33-42. University of Michigan, Museum of Anthropology, Technical Report 10.

Redding, R.W. 1979. The faunal remains from Tappeh Zabrad. In, *Investigations in northeastern Xuzistan*, edited by H.T. Wright, pp90-92. University of Michigan, Museum of Anthropology, Technical Report 10.

Farrand, W.R., R.W. Redding, M. Wolpoff and H.T. Wright. 1976. *An archaeological investigation on the Lobi Plain, Baringo District, Kenya*. University of Michigan, Museum of Anthropology, Technical Report 4.

Manuscripts in Preparation or Under Review

Redding R.W. and N. el-Hadidi. 2012. The 2011 Excavations at Standing Wall Island: An Old Kingdom Animal Processing Complex? In *Giza Occasional Papers 6*, edited by M. Lehner, Boston

Redding, R.W. The faunal remains from Kom el-Hisn. In *An Old Kingdom Village in The Nile Delta: Excavations at Kom el-Hisn 1984-1988*

Redding, R.W. The Pig and the Chicken: the Introduction of the Chicken into the Middle East and its relation to the evolution of the human prohibition on pig consumption. 35 mss

Redding, R.W. A Tale of Two Sites: Old Kingdom Subsistence Economy and The Infrastructure of Pyramid Construction. 42 mss

Conference Presentations and Invited Papers (Last 5 years)

Redding R.W. Nov. 2011. Intergration of Data at the Workers' Town, Giza, Egypt. Paper presented at the American Schools of Oriental Research Annual Meeting, San Francisco

Redding, R.W. Oct 2011. Re-constructing Old Kingdom Economy and Social Structure. Invited Paper at the Mit Rahina Field Program, Saqqara, Egypt

Redding, R.W. Jun 2011. Giza and Kom el-Hisn. Paper presented at the Archaeozoology of Southwest Asia; Working Group of International Council of Archaeozoology, Brussels, Belgium

Redding, R.W. Jan 2011. The AERA Field School Program in Egypt. Paper presented at the American Institute of Archaeology Annual Meeting, San Antonio, Texas

Redding, R.W. Dec 2010. A Tale of Two Sites: Old Kingdom Subsistence Economy and the Infrastructure of Pyramid Construction. Invited lecture at the Coetsen Institute, UCLA, California

Redding R.W. Nov 2008. The Workers' Town at Giza, Egypt. Invited paper at Clinton Valley Chapter of the Michigan Archaeological Society, Ann Arbor

Redding R.W. Sept. 2008. Excavations in the Barracks at the Workers' Town, Giza, Egypt. Paper presented at the International Council of Archaeozoology, International Council Meeting, Budapest, Hungary.

Redding, R.W. June 2004. Complexity and the origins of domestication. Invited lectures at the Santa Fe Institute summer complexity symposium, Chaingtao, China.

Media

Riddle of the Sphinx. 2010 Documentary shown on PBS.

Science, 1994, Vol 264. "Bringing home the bacon", by C. Holen. Covers my research

New York Times, May 31, 1994. "First settlers domesticated pigs before crops" by John Noble Wilford. Covers my research

Science, 1998, Vol 282. "Reading the Signs of Ancient Animal Domestication", by H. Pringle. Quoted extensively

Field Work (Last 20 years)

Chief Research Officer. Giza Excavations, Egypt: 2007, 2008, 2009, 2010, 2011

Director of Archaeological Sciences. Giza Excavations, Egypt: 2006

Participant. Giza Excavations, Egypt: 1991, 1995, 1996, 1998, 2000, 2001, 2002, 2003, 2004, 2005

Faculty Supervisor. Faunal analysis of Shang Dynasty materials from Qingjiao, China, 2004

Participant. Analysis of the Franchthi Cave material, Greece, 1999, 2000, 2002, 2003

Participant. Excavations at Kadesh, Israel: 1999, 2000, 2004, 2007

Participant. Excavations at Xen Ren Dong and Wong Dong, China. 1994, 1995

Participant. Abydos Settlement Site excavations, Egypt: May 1993.

Participant. Excavation at Halan Chemi, Turkey: July 1992, 1994, 1996

Participant. Wellesley College excavations and survey in Georgia and Armenia: July-August 1991 and August 1992

Participant. Giza Plateau survey and excavation, Egypt: May-June 1991

Participant. University of Michigan excavation and survey around ancient Coptos, Egypt: December- January 1991, May-June, 1992 and December, 1993.

Co-Investigator. Excavation of an Old Kingdom village site in the Nile Delta, Egypt: June-August 1988.

Co-Investigator. Excavation of an Old Kingdom village site in the Nile Delta, Egypt: June-August 1986.

Co-Investigator. Excavation of an Old Kingdom village site in the Nile Delta, Egypt: June-August 1984

Co-Investigator. Survey and Excavations in the Western Fayyum, Egypt: 1981

Courses Taught

Introduction to Faunal Identification and Analysis (2011, 2007, 2005, 2003, 2001, 1999, 1996)

Origin and Evolution of Pastoralism (2007)

Introduction to Archaeology (1991, 1990, 1989, 1988, 1987, 1986, 1985, 1983, 1984, 1982)

Egyptian Archaeology (1991, 1990, 1988, 1987, 1986, 1984, 1983)

God(s), Aliens and Myths (1983, 1984)

Evolutionary Biology and Anthropology (1984)

Human Evolution (1983, 1984)

Since 2004 I have worked with 21 undergraduates in the Archaeozoology Laboratory. Two of these went onto graduate work in Archaeology at Chicago and UNLV. I have supervised four honor's theses.

Since 2004 I have worked with 5 graduate students in the Archaeozoology Laboratory. Two of the five, Li Min and Stephen Dueppen have completed dissertations that had an archaeozoology focus. Two of the five, Amy Nicodemis and Matt Kroot, are completing dissertations that have an archaeozoological focus. The fifth, Emily Holt, is working on a dissertation with an archaeozoological focus.

Dissertation Committees (Last 5 years)

Outside Committee Member, Lauren Bigelow, Northwestern University, 2010

External Reviewer, Louise Bertini, Durham University, UK, 2011