EDUCATION

University of California, Riverside B.A.1970 University of California, Riverside Ph.D. 1975

PROFESSIONAL POSITIONS

Assistant Professor. Department of Anthropology, New York University, 1974-1979.

Associate Professor. Department of Anthropology, New York University, 1979. Advanced to Tenure 1980.

Assistant Professor. Department of Anthropology, University of California, Davis, 1980-1982.

Associate Professor. Department of Anthropology, University of California, Davis, 1982-1988.

Professor. Department of Anthropology, University of California, Davis, 1988-2015. Distinguished Professor. Department of Anthropology, University of California, Davis, 2015-present

RESEARCH AND TECHNICAL APPOINTMENTS

Archaeological Research Assistant. Department of Anthropology, University of California, Riverside, 1968-1969.

Reader in Anthropology. Department of Anthropology, University of California, Riverside, 1968-1970.

Field Director. University of California, Riverside, Field Course in Archaeology, 1970. Teaching Assistant. Department of Anthropology, University of California, Riverside, 1971.

Assistant Director. Reese River, Ecological Project, Nevada; University of California, Davis, Field School, 1971.

Assistant Director. Gatecliff Expedition, Nevada: American Museum of Natural History, 1973.

Ogden Mills Fellow, American Museum of Natural History, 1973-1974.

Research Associate. Museum of the American Indian (Heye Foundation), 1978-1982.

Research Associate. Division of Anthropology, American Museum of Natural History, 1980-present.

Assistant Research Scientist. University of California White Mountain Research Station, 1981-1985.

Researcher. Ningxia Institute of Archaeology, Ningxia Hui Autonomous Region, PRC, 1995-present.

Commissioner. California State Repatriation Oversight Commission, 2003-present. Editorial Board, Intersecciones en Antropología (journal) 2009-

Editor-In-Chief. Archaeological Research in Asia: An Elsevier Journal.

RESEARCH INTERESTS

Archaeology, prehistory, cultural ecology, hunter-gatherers, early food-producing societies, adaptation in arid lands, quantitative methods.

SCIENTIFIC SOCIETIES

Society for American Archaeology

Executive Board 1988-1992, 1995-1997

Board of Directors 1997-1998

Executive Committee (Officers) 1995-1998

Treasurer-Elect 1995-1996

Treasurer 1996-1998

Great Basin Anthropological Conference

Chairman, 1980-1982

Executive Committee, 1982-1992

Society for California Archaeology

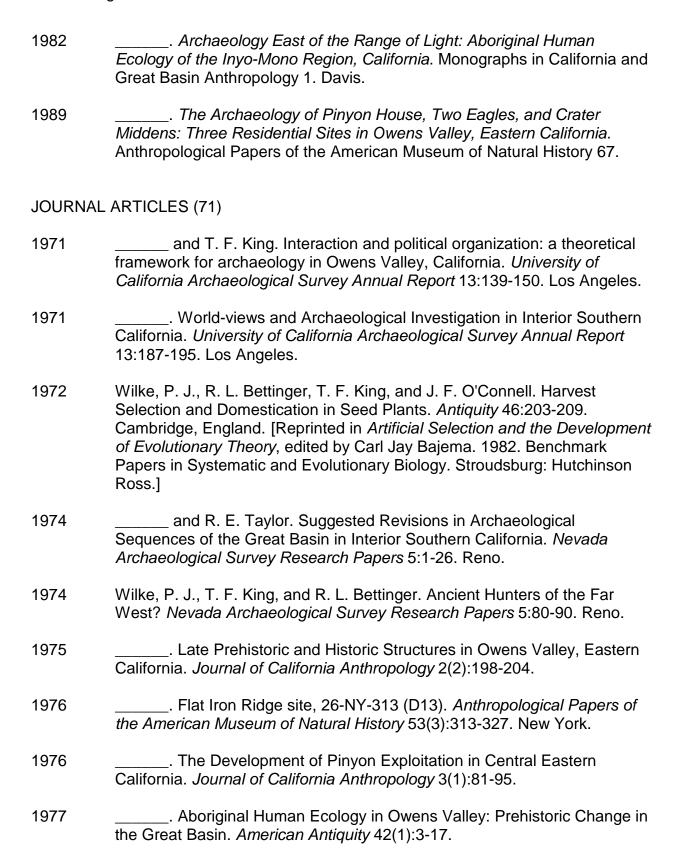
FELLOWSHIP, SCHOLARSHIPS, AND AWARDS

- 1966 California Scholarship Federation
- 1966 California State Scholarship Finalist
- 1970 Phi Beta Kappa
- 1970 Undergraduate Degree Summa Cum Laude, University of California-Riverside
- 1970-1973 National Science Foundation Traineeship
- 1973-1974 Ogden Mills Fellowship, American Museum of Natural History
- 1987 Special Recognition by the President and Regents of the University of California
- 1992 *Distinguished UC Faculty Award*, University of California Founders' Day, University of California-Riverside
- 1994 40th Anniversary Distinguished Alumni Award, University of California, Riverside
- 2002 Presidential Commendation, Society for California Archaeology
- 2007 Society for American Archaeology Award for Excellence in Archaeological Analysis. This award recognizes the excellence of an archaeologist whose innovative and enduring research has made a significant impact on the discipline. Nominees are evaluated on their demonstrated ability to successfully create an interpretive bridge between good ideas, empirical evidence, research, and analysis.

- 2007 Society for California Archaeology M. A. Baumhoff Special Achievement Award. The Martin A. Baumhoff Award is given for a distinct, noteworthy effort, or for cumulative efforts on special topics such as specialized analyses or publication.
- 2015 Awarded rank of Distinguished Professor.
- 2016 Society for American Archaeology Book Award for, "Orderly Anarchy: Sociopolitical Evolution in Aboriginal California."

PUBLICATIONS

BOOKS (4)		
1991	Hunter-gatherers: Archaeological and Evolutionary Theory, pp. 257. New York: Plenum Press. ISBN 0-306-43650-7.	
2009	<i>Hunter-Gatherer Foraging: Five Simple Models</i> . Eliot Werner Publications, Clinton Corners, NY. ISBN: 9780979773136.	
2015	Orderly Anarchy: Sociopolitical Evolution in Aboriginal California. University of California Press. Recipient of 2016 Society for American Archaeology Book Award.	
2015	, Raven Garvey, and Shannon Tushingham. <i>Hunter-gatherers: Archaeological and Evolutionary Theory,</i> Second Edition, pp. 302. New York: Springer. ISBN 978-1-4899-7580-5 ISBN 978-1-4899-7581-2 (eBook).	
EDITED BOOKS (1)		
2012	Gepts, Paul, Thomas R. Famula, Robert L. Bettinger, Stephen B. Brush, Ardeshir B. Damania, Patrick E. McGuire, and Calvin O. Qualset (eds.). <i>Biodiversity in Agriculture: Domestication, Evolution, and Sustainability.</i> Cambridge University Press, Cambridge, UK.	
MONOGRAPHS (4)		
1976	Thomas, D. H., and R. L. Bettinger. <i>Prehistoric Piñon Ecotone Settlements of the Upper Reese River Valley, Central Nevada</i> . Anthropological Papers of the American Museum of Natural History 53(3). New York.	
1977	The Surface Archaeology of the Long Valley Caldera, Mono County, California. University of California Archaeological Research Unit Monographs 1. Riverside, California.	



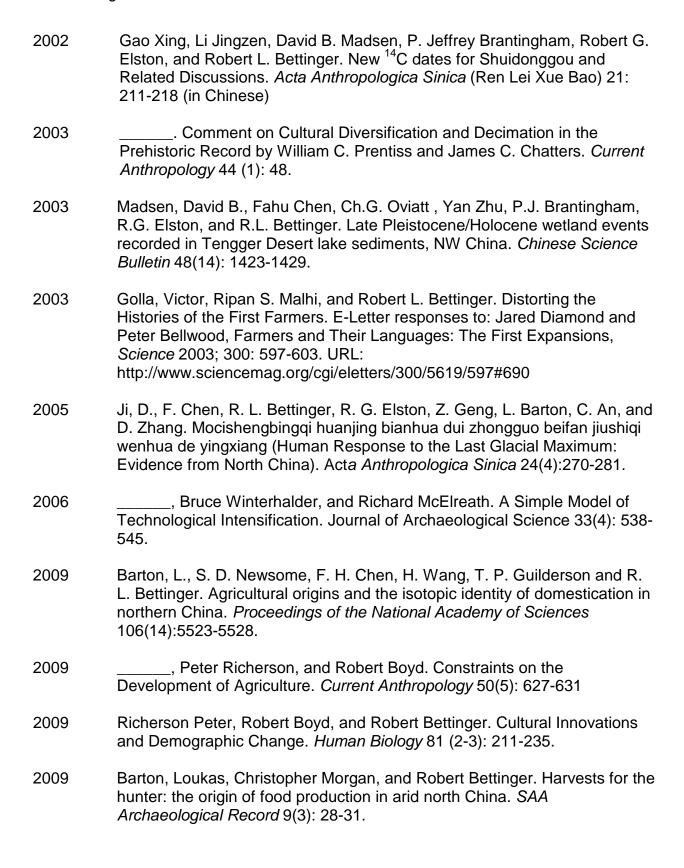
1977	Reply to McGuire and Garfinkel. <i>Journal of California Anthropology</i> 4(1):130-132.
1978	Alternative Adaptive Strategies in the Prehistoric Great Basin. Journal of Anthropological Research 34(1):27-46.
1978	Humboldt Basal-notched Bifaces as Time Marker in the Western Great Basin. <i>Tebiwa</i> 10:1-7.
1978	Alternative Adaptive Strategies: Reply to Lyneis. <i>Journal of California Anthropology</i> 5(2):292-296.
1979	Curation, Statistics, and Settlement Studies: a Reply to Munday and Lincoln. <i>American Antiquity</i> 44(2):352-359.
1979	Multivariate Statistical Analysis of a Regional Subsistence-Settlement Model for Owens Valley. <i>American Antiquity</i> 44(3):455-470.
1980	Obsidian Hydration Dates for Owens Valley Settlement Categories. Journal of California and Great Basin Anthropology 2(2):286-292.
1981	Settlement Data and Subsistence Systems. <i>American Antiquity</i> 46(3):641-643.
1981	Sampling and Statistical Inference in Owens Valley. <i>American Antiquity</i> 46(3):657-660.
1982	and M. A. Baumhoff. The Numic Spread: Great Basin Cultures in Competition. <i>American Antiquity</i> 47(3):485-503.
1982	Comment on "Events in the Archaeological Context and Archaeological Explanation," by R. L. Brooks. <i>Current Anthropology</i> 23(1):69.
1983	and M. A. Baumhoff. Return Rates and Intensity of Resource Use in Numic and Prenumic Adaptive Strategies. <i>American Antiquity</i> 48(4):830-834.
1983	Comment on, "Anthropological Applications of Optimal Foraging Theory: a Critical Review," by Eric A. Smith. <i>Current Anthropology</i> 24(5):640-641.
1985	, and R. Oglesby. Lichen Dating of Alpine Villages in the White Mountains. <i>Journal of California and Great Basin Anthropology</i> 7(2):202-224.

1987	Archaeological Approaches to Hunter-gatherers. <i>Annual Review of Anthropology</i> 16:121-142.
1990	Aboriginal Life Above the Treeline: Alpine Villages in the White Mountains of California. <i>Newsletter of the Society for California Archaeology</i> 24(6): 1,4-6.
1990	, R. G. Elston, D. B. Madsen, Z. Li, and Y. You. Transitional Paleolithic-Neolithic Settlement and Subsistence in Alashan League, Western Inner Mongolia, People's Republic of China. <i>Current Research in the Pleistocene</i> 7: 1-3.
1991	, J. F. O'Connell, and D. H. Thomas. Projectile Points as Time Markers in the Great Basin. <i>American Anthropologist</i> 93(1): 166-172.
1991	Aboriginal Occupation at High-Altitude: Alpine Villages in the White Mountains of Eastern California. <i>American Anthropologist</i> 93(3): 656-679.
1992	Young, D.A., and R. L. Bettinger. The Numic Spread: a Computer Simulation. <i>American Antiquity</i> 57(1): 85-99.
1993	Doing Great Basin Archaeology Recently: Coping with Variability. Journal of Archaeological Research 1: 43-66. New York: Plenum.
1994	, David B. Madsen, and Robert G. Elston. Prehistoric Settlement Categories and Settlement Systems in the Alashan Desert of Inner Mongolia, PRC. <i>Journal of Anthropological Archaeology</i> 13:74-101.
1995	Young, D. A., and R. L. Bettinger. Simulating the global human expansion in the late Pleistocene. <i>Journal of Archaeological Science</i> 22:89-92.
1996	Madsen, D. B., R. G. Elston, R. L. Bettinger, C. Xu, K. Zhong. Settlement Patterns Reflected in Assemblages from the Pleistocene/Holocene Transition in North Central China. <i>Journal of Archaeological Science</i> 23(2): 217-231. [translated into Chinese: Madsen, D. B., R. G. Elston, R. L. Bettinger. Late Paleolithic-Early Neolithic Settlement Assemblage Changes in North Central China. 1995. <i>Kaogu</i> 7: 1013-1027.]
1997	, R. Malhi, and H. McCarthy. Central Place Models of Acorn and Mussel Processing. <i>Journal of Archaeological Science</i> 24:887-899.
1997	Elston, R. G., C. Xu, D. B. Madsen, K. Zhong, R. L. Bettinger, J. Li, P. J. Brantingham, H. Wang, and J. Yu. New Dates for the North China Mesolithic. <i>Antiquity</i> 71(274): 985-993



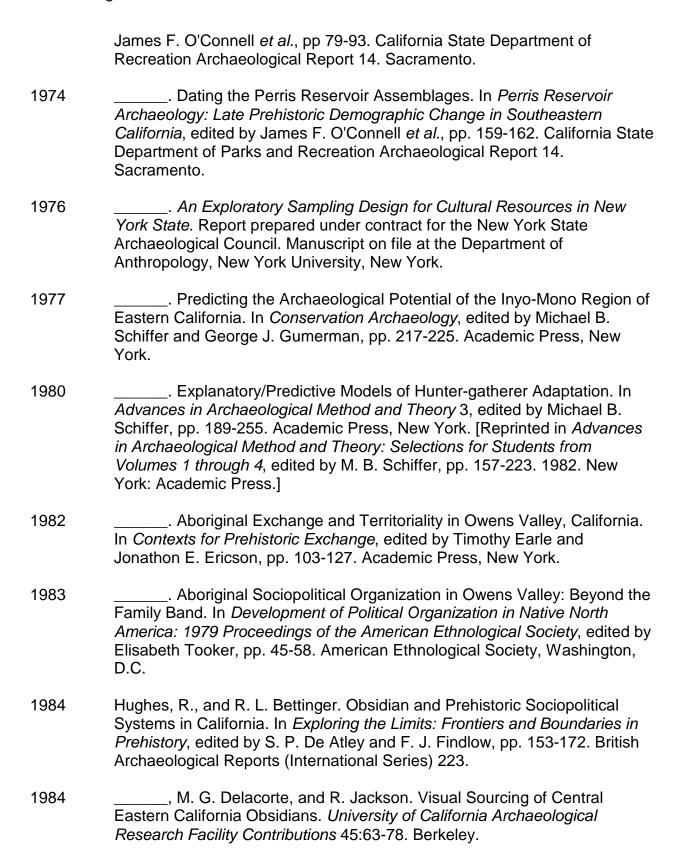
Bettinger. Dating Shuidonggou and the Upper Paleolithic blade industry in

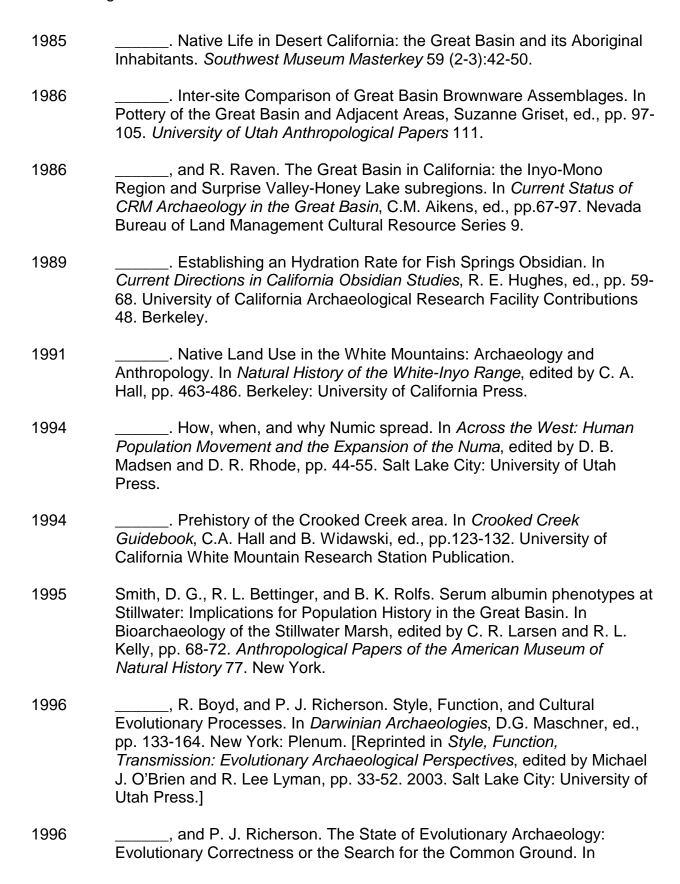
North China. Antiquity 75(290):706-716.



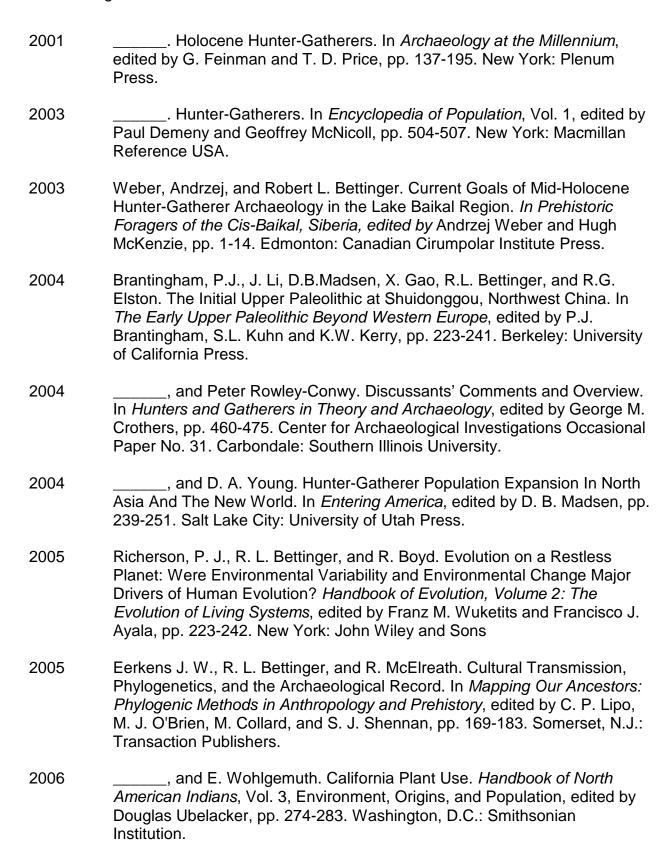
2010	, Loukas Barton, and Christopher Morgan. The Origins of Food Production in North China: A Different Kind of Agricultural Revolution. <i>Evolutionary Anthropology</i> 19:9-21.
2010	Zhang DongJu, FaHu Chen, R. L. Bettinger, L. Barton, DuXue Ji, C. Morgan, Hui Wang, XiaoZhong Cheng, GuangHui Dong, T. P. Guilderson, Hui Zhao. Archaeological records of Dadiwan in the past 60 ka and the origin of millet agriculture. <i>Chinese Science Bulletin</i> 55 (16): 1636-1642.
2010	Winterhalder, Bruce, and Robert L. Bettinger. Nutritional and Social Benefits of Foraging in Ancient California. <i>California Archaeology</i> 2(1):93-110.
2010	, Loukas Barton, Christopher Morgan, Fahu Chen, Hui Wang, Thomas P. Guilderson, Duxue Ji, Dongju Zhang. The Transition to Agriculture at Dadiwan, People's Republic of China. <i>Current Anthropology</i> 51, No. 5: 703-714.
2010	Weber, Andrzej, and Robert L. Bettinger. Middle Holocene Hunter-Gatherers of Cis-Baikal, Siberia: An Overview for the New Century. <i>Journal of Anthropological Archaeology</i> 29 (2010): 491-506.
2011	Morgan, Christopher, Loukas Barton, Robert Bettinger, Fahu Chen, and Zhang Dongju. Glacial Cycles and Palaeolithic Adaptive Variability on China's Western Loess Plateau. <i>Antiquity</i> 85(328): 365-379.
2011	Schoeninger, Margaret J., Jeffrey L. Bada, Patricia M. Masters, Robert L. Bettinger, Tim D. White. Unexamined bodies of evidence. <i>Letters to Science</i> 332: 916.
2012	Morgan, Christopher and Robert L. Bettinger. Great Basin Foraging Strategies. In <i>Oxford Handbook of North American Archaeology</i> , edited by Timothy R. Pauketat, pp. 185-198. Oxford University Press, Oxford, UK
2013	Yi, Mingjie, L. Barton, C. Morgan, D. Liu, F. Chen, Y. Zhang, S. Pei, Y. Guan, H. Wang, X. Gao, R. L. Bettinger. Microblade Technology and the Rise of Serial Specialists in North-Central China. <i>Journal of Anthropological Archaeology</i> 32: 212-223.
2013	Effects of the Bow on Social Organization in Western North America. <i>Evolutionary Anthropology</i> 22: 118-123.
2013	Tushingham, Shannon, and Robert L. Bettinger. Why foragers choose acorns before salmon: Storage, mobility, and risk in aboriginal California. <i>Journal of Anthropological Archaeology</i> 32 (4): 527–537.

2013 Yi, Mingjie, Xing Gao, and Robert L. Bettinger. Hunter-Gatherer Foraging Models: Review and Prospect in Paleolithic Archaeology. Acta Anthropologica Sinica 32(2): 156-168 2014 Christopher Morgan, Loukas Barton, Mingjie Yi, Xing Gao, Robert L. Bettinger, and Peng Fei. Re-Dating Shuidonggou Locality 1 and Implications for the Initial Upper Paleolithic in East Asia. *Radiocarbon* 56(1): 165-179. 2014 David B. Madsen, Yan Zhu, P. Jeffery Brantingham, Robert G. Elston, GuangLiang Hou, & Robert L. Bettinger. The Early Appearance of Shuidonggou Core-and-Blade Technology in North China: Implications for the Spread of Anatomically Modern Humans in Northeast Asia? Quaternary International 347: 21-28. 2014 Yi, Mingjie, Robert L. Bettinger, Fuyou Chen, Shuwen Pei, and Xing Gao. The Significance of Shuidonggou Locality 12 to Studies of Hunter-Gatherer Adaptive Strategies in North China During the Late Pleistocene. Quaternary International 347: 97-104. . Prehistoric hunter-gatherer population growth rates rival those of 2016a agriculturalists. Proceedings of the National Academy of Sciences 113 (4): 812-814. 2016b , and Mark Grote. Marginal value theorem, patch choice, and human forager response to varying environments. Journal of Anthropological Archaeology 42: 79-87. BOOK / MONOGRAPH CHAPTERS (52) 1973 Williams, L., D. H. Thomas, and R. L. Bettinger. Notions to Numbers: Great Basin Settlements as Polythetic Sets. In Research and Theory in Current Archaeology, edited by Charles Redman, pp. 215-237. John Wiley and Sons, New York. [Reprinted in For Concordance in Archaeological Analysis, edited by C. Carr. 1985. New York: Academic Press.] 1974 ____. Environment and Ethnography at Perris Reservoir. In *Perris* Reservoir Archaeology: Late Prehistoric Demographic Change in Southeastern California, edited by James F. O'Connell et al., pp. 10-19. California State Department of Parks and Recreation Archaeological Report 14. Sacramento. 1974 __. The Dead Dog Site (4-Riv-202). In Perris Reservoir Archaeology: Late Prehistoric Demographic Change in Southeastern California, edited by

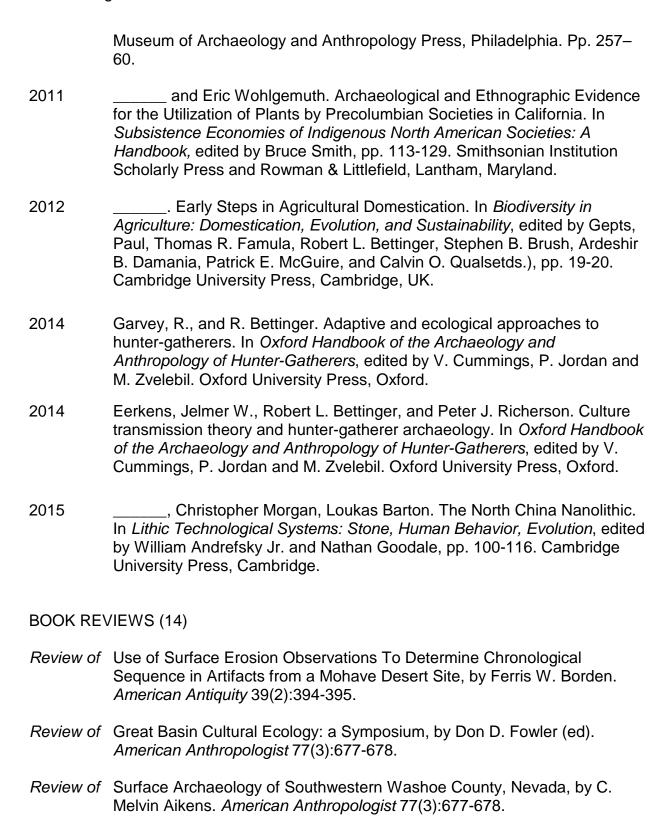












Review of Models and Great Basin prehistory: a Symposium, by Don D. Fowler (ed).

Journal of California Anthropology 5(1):129-130.

- Review of The Shoshoni Indians of Inyo County, California: the Kerr manuscript, by Charles N. Irwin (ed). Journal of California and Great Basin Anthropology 2(2):305-307.
- Review of Strategies for Survival, Michael Jochim. American Anthropologist 85(3):720-721.
- Review of Prehistory of Utah and the Eastern Great Basin, by Jesse D. Jennings. Kiva 48(4):330-332.
- Review of Man and Environment in the Great Basin, edited by David B. Madsen and James F. O'Connell. Quaternary Research 25(1).
- Review of Great Basin: Handbook of North American Indians, Vol. 11, W. D'Azevedo, ed. *American Antiquity* 53:205-206
- Review of Archaeology of the Coney Creek Valley by James B. Benedict. Arctic and Alpine Research 23(1):120-121.
- Review of Distributional Archaeology by James I. Ebert. American Anthropologist. 95(3):749-750.
- Review Echoes from the Dreamtime: Analysing Hunter-Gatherer Societies, Past, Present, and Might-have been. Nature 413:567-568. (Review of: Constructing Frames of Reference: An Analytical Method for Archaeological Theory Building Using Ethnographic and Environmental Data Sets by Lewis R. Binford.)
- Review Looking Back at Culture. Nature 422:20-21. (Review of: Genes, Memes, and Human History by Stephen Shennan.)
- Review A Magical History Tour. Nature 425:453. (Review of: After the Ice: A Global Human History 20,000 5000 BC by Steven Mithen)

WORKS IN REFERENCE VOLUMES (6)

Amargosa Industry; Casa Diablo Quarry; Cottonwood Creek (Iny-2); Desert Culture; Owens Valley Locality; Pinto/Gypsum Complex; Playa Industry; Rose Spring Site (Iny-372); San Dieguito Complex; Surprise Valley. In *Historical Dictionary of North American Archaeology*, E. B. Jelks and J. C. Jelks, eds., pp. 11, 73, 118, 135, 353, 374-5, 379-80, 419, 431, 472-473. New York: Greenwood Press. (and Regional Editor for Great Basin)

- High Altitude Occupations in the American West. In *Oxford Companion to Archaeology*, B. M. Fagan, ed., pp. 275-276. Oxford University Press. New York.
- Hunter-Gatherers, North American Archaic. In *Oxford Companion to Archaeology*, B. M. Fagan, ed., pp. 335-337. Oxford University Press. New York.
- 1998a Numic Expansion. In *Archaeology of Prehistoric Native America: An Encyclopedia*, G. Gibbon, ed., pp. 592-594. Garland Press. New York and London.
- 1998b Great Basin High-Altitude Adaptations. In *Archaeology of Prehistoric Native America: An Encyclopedia*, G. Gibbon, ed., pp. 330-332. Garland Press. New York and London.
- 1998d Neofunctionalism. In *Encyclopedia of Cultural Anthropology*, Vol. 3, D. Levinson and M. Ember, eds., pp. 851-853. Lakeville, CT: American Reference Publishing Company, New York.

LIMITED DISTRIBUTION

- Bettinger, R. L., M. G. Delacorte and K. McGuire.

 Archaeological investigations at the Partridge Ranch Site (Ca-Iny-2146),
 Inyo County, California. California Department of Transportation.
- Economics of Subsistence among the Hunting and Gathering Peoples of California and the Great Basin. *Proceedings of the 1988 Mexican American Engineering Society National Symposium on Engineering and Science*. Los Angeles.

INVITED PRESENTATIONS

- Explaining Hunter-Gatherer Intensification in Western North America.

 Howard D. Winters Memorial Lecture. Sponsored by New York University
 Department of Anthropology and the Office of the Dean of the Graduate
 School of Arts and Science and Social Sciences. 2 Feb 1995.
- The Transition to Agriculture in Northern China. UCLA Institute of Archaeology. 13 June 1996.
- 1999 Prehistoric Hunter-Gatherer Intensification in Western North America.
 Prehistoric North China on the Eve of Agriculture. Perspectives on Evolution in Hunter-Gatherer Research. Richard Frucht Memorial Lecture Series.

	University of Alberta Department of Anthropology and Graduate Student's Association. 10 – 12 March, 1999.
2000	Holocene Hunter-Gatherers. Plenary Session, 65 th Annual Meeting of Society for American Archaeology, April 5, 2000, Philadelphia.
2000	The Archaeology of Hunter-gatherers: Theory, Method, and Practice. Postgraduate Seminar, University of La Plata, Argentina, 10-14 July 2000.
2001	Conference Discussant. <i>Hunter-Gatherers in Theory and Archaeology</i> . Eighteenth Annual Visiting Scholar Conference, 22-24 March 2001. Southern Illinois University, Carbondale.
2001	Climate Change and The Origins of Agriculture in China. Plenary Paper presented at the International Symposium on Abrupt Holocene Environmental Changes in Arid Asia - History and Mechanisms (RACHAD 2001). Lanzhou, China. 26-28 September 2001
2001	Ceramics and Adaptive Change in North China at the End of the Pleistocene. Exploring the Contexts for the Oldest Pottery in the World. Fitzwilliam Museum, Cambridge University. 25-28 October 2001.
2001	Foraging Theory and Resources of Renown. Department of Anthropology, University of Tennessee Fall 2001 Visiting Lecture Program. 28-29 November 2001.
2003	Why Corn Never Came to California. Workshop on the Co-evolution of Behaviors and Institutions, Santa Fe Institute, 10-13 January 2003.
2004	Culture Transmission, Evolution, and the Practice of Archaeology. 2004 SAA President's Invited Forum. Annual Meeting of the Society for American Archaeology, Montreal. 1 April 2004.
2004	The Highest Native Settlements in North America. Department of Anthropology. Social Sciences Department. California Polytechnic University, San Luis Obispo. 20 May 2004.
2005	Why Holocene Hunter-Gatherers May Not Be Good Models for Pleistocene Social Organization. School of American Research Small Seminar: Hunting and Gathering Subsistence Patterns and Climate Change in the Late Pleistocene. School of American Research, Santa Fe. 2-5 November 2005.
2006	Transition to Agriculture in Northern China. Department of Anthropology. Social Sciences Department. California Polytechnic University, San Luis Obispo. 17 May 2006.

2006	The Origins of Agriculture in North China. Invited Paper presented at the 2006 RACHAD (Rapid Climatic Changes in the Central-Asia's Drylands) Workshop (INQUA Project 0502): Holocene Climate Changes in Central Asia. Lanzhou University, Lanzhou, P.R.C. 25-27 July 2006.
2007	Hunter-Gatherers. Department of History, Mills College, Oakland. 5 Sept 2007.
2007	Agriculture, Climate, and Hunter-Gatherers. SUNY Conversations in the Disciplines: Early Agriculture. 4 – 6 Sept 2007.
2008	The Evolution of Millet Agriculture in North China. Stanford University. 2 May 2008.
2008	Orderly Anarchy: Socio-Political Evolution in Aboriginal California. IGERT Program in Evolutionary Modeling Seminar Series. Washington State University, 24 September 2008.
2008	The Evolution of Anarchy in Aboriginal Western North America. Keynote Address, Baikal Archaeology Project Workshop: Hunter-Gatherer Archaeology of the Northern Pacific Rim. University of Alberta, 31 October 2008.
2009	Discussant: Residues of Human Decisions: Archaeological Applications of Behavioral Ecology. Theoretical Archaeology Group, May 1-3, 2009 Stanford, CA.
2010	Hunter-Gatherer Foraging Theory. IVPP Seminar, Beijing China.
2010	Alternative Evolutionary Trajectories Among the Holocene Hunter- Gatherers of Western North America. 8 Nov 2010 University of British Columbia.
2010	Alternative Evolutionary Trajectories Among the Holocene Hunter-Gatherers of Western North America. 9 Nov 2010 Simon Fraser University.
2011	Climate Change and the Origins of Agriculture. Keynote Address, Chapman Conference Climates, Past Landscapes and Civilizations, 21 – 25 March, 2011. Santa Fe, New Mexico, USA.