

## CURRICULUM VITAE

**NAME:** Geoffrey George Anderson Clark [G. A. Clark]

**ADDRESSES:** 2025 East Woodman Drive  
Tempe, Arizona 85283  
Department of Anthropology  
Arizona State University  
Tempe, Arizona 85287-2402

**TELEPHONE:** [480] 831-8782 (home)  
[480] 965-7596 (office)  
[480] 965-6213 (Dept. Anthropology)  
[480] 965-7671 (fax)

**E-MAIL:** *gaclark@asu.edu* *geoffrey.clark@asu.edu*

**DATE OF BIRTH:** 17 August, 1944  
**PLACE OF BIRTH:** Philadelphia, Pennsylvania

### DEGREES:

B.A., *magna cum laude* with Honors  
University of Arizona  
Anthropology  
1966

Thesis Title: A Preliminary Distribution Study of  
Burial Clusters at the Grasshopper Site,  
East-Central Arizona

M.A.  
University of Arizona  
Anthropology  
1967

Thesis Title: A Preliminary Distribution Study of  
Burials at the Grasshopper Site,  
East-Central Arizona

Ph.D  
University of Chicago  
Anthropology  
1971

Dissertation Title: The Asturian of Cantabria: a  
Re-evaluation

### HONORS, AWARDS, HONORARY SOCIETIES:

Honors and Special Masters Programs (University of Arizona): 1965/67  
Association of the Army History Award (University of Arizona): 1964  
Phi Kappa Phi (University of Arizona): 1965  
Phi Beta Kappa (University of Arizona): 1966  
Sigma Xi (Scientific Research Society of North America) (Arizona State University): 1972  
Graduate College Distinguished Research Professor (Arizona State University): 1988  
Morton H. Fried Prize (awarded annually by the American Anthropological Association for the best  
article in the *American Anthropologist*, with J. Lindly): 1990  
Outstanding Graduate Mentor (awarded annually by the Graduate College and the ASU Foundation,  
Arizona State University): 1992  
Distinguished Undergraduate Teaching Award, Honorable Mention (awarded by the  
Department of Anthropology, Arizona State University): 1993  
Life Member, Clare Hall (University of Cambridge): 1997  
Vice-President for Student Affairs Faculty Recognition Award (Arizona State University): 1999  
Regents' Professor (Arizona Board of Regents): 2002

### MAJOR GEOGRAPHICAL AREAS OF INTEREST:

Old World: western Europe, especially northern Spain and southern France - Middle and Upper Paleolithic,  
Mesolithic; east and south Africa - Early and Middle Stone Age, fossil hominids; Near East and western Asia  
New World: southwestern United States - Pueblo societies; peopling of the Americas

**THEORETICAL & METHODOLOGICAL INTERESTS:**

Epistemology; research designs in archaeology, human paleontology, evolutionary psychology  
 Hominid socioecology; paleoenvironmental reconstruction; hunter-gatherer adaptations; diet models  
 Quantitative methods; computer applications to formulation, testing of models  
 Modern human origins; Upper Pleistocene biological and cultural evolution  
 Some background in parametric, non-parametric, multivariate statistics; finite mathematics

**LANGUAGES:**

Spanish: read, write, speak  
 French: read, write, some spoken fluency  
 Portuguese: read

**ACADEMIC POSITIONS:**

Assistant Professor, Department of Anthropology, Arizona State University, Tempe, Arizona: 1971/76  
 Associate Professor, Department of Anthropology, Arizona State University, Tempe, Arizona: 1976/82  
 Professor, Department of Anthropology, Arizona State University, Tempe, Arizona: 1982/02  
 Regents' Professor, Department of Anthropology, Arizona State University, Tempe, Arizona: 2002 -  
 Visiting Professor, Departamento de Arqueología y Prehistoria, Universidad de Cantabria, Santander, Spain  
 [program supported by the Spanish Ministry of Education and Science]: Summer, 1991  
 Visiting Fellow, Clare Hall, University of Cambridge, Cambridge, England: Summer, 1996

**PROFESSIONAL ACTIVITIES:**

Editor, *Arizona State University Anthropological Research Papers*, Arizona State University, Tempe, Arizona:  
 1974 -  
 Co-ordinator, Southwestern Anthropological Research Group [SARG], 3rd Annual Meeting [31 March-1 April, 1973],  
 Arizona State University, Tempe, Arizona  
 Organizer and Co-Chairman [with G. Hanson, R. Whallon] for the symposium 'Quantitative Analysis of Intrasite  
 Spatial Distributions,' Society for American Archaeology, 40th Annual Meeting [8-10 May, 1975], Dallas, Texas  
 Panelist, National Endowment for the Humanities, Arizona Council for the Humanities and Public Policy  
 [7-9 April, 1977], Casa Grande, Arizona  
 Panelist, National Research Council - National Science Foundation Graduate Fellowship Program, Washington,  
 DC: 1978/80, 1986/89  
 Panelist, National Research Council - National Science Foundation Minority Graduate Fellowship Program,  
 Washington, DC: 1979/80  
 Society of the Sigma Xi, Admissions Committee, Arizona State University Chapter: 1978/79  
 American Association of University Professors, President, Arizona State University Chapter: 1979/80  
 American Association of University Professors, President, Arizona Conference: 1980/81  
 American Association of University Professors, Vice-President, Arizona State University Chapter: 1980/81  
 Phi Kappa Phi Scholarship Evaluation Committee, Arizona State University Chapter: 1981  
 Phi Kappa Phi Executive Board, Arizona State University Chapter: 1981/84 [Secretary], 1984/86 [Vice-President,  
 Treasurer], 1986/87 [President]  
 Society for American Archaeology, Chair, General Session - Old World Archaeology, 46th Annual Meeting  
 [29 April - 2 May, 1981], San Diego, California  
 Chair, Department of Anthropology, Arizona State University, Tempe, Arizona: 1981/82  
 Associate Editor for Archaeology, *Anthropology*, S.U.N.Y. - Stony Brook: 1986/87  
 American Anthropological Association, Executive Committee [Archaeology Division]: 1986/93  
 Society for American Archaeology, Chair, General Session - Old World Archaeology, 53rd Annual Meeting  
 [27 April - 1 May, 1988], Phoenix, Arizona  
 Organizer and Chairman for the symposium 'Paradigmatic Biases in Eastern Mediterranean Hunter-Gatherer  
 Research,' Society for American Archaeology, 53rd Annual Meeting [27 April - 1 May, 1988], Phoenix, Arizona  
 Society for American Archaeology, Annual Meeting Program Committee, 53rd Annual Meeting [27 April - 1 May,  
 1988], Phoenix, Arizona  
 Editor, *Archeological Papers of the American Anthropological Association*, American Anthropological Association,  
 Washington, DC: 1988/93  
 American Association for the Advancement of Science: Workshop - Communicating about Science: 24 March, 1989  
 Society for American Archaeology, Doctoral Dissertation Prize Committee: 1989/91

Society of the Sigma Xi, Arizona State University Chapter: 1991/92, 1996/97 [President-Elect]; 1992/93, 1997/98 [President]  
 Panelist, National Research Council - National Science Foundation REU Program: 1991  
 Editor, Quantitative Archaeology, *Journal of Archaeological Research*, Plenum Publishing Corporation: 1992 -  
 Organizer and Co-Chairman [with C. M. Barton] for the symposium 'Evolutionary Theory in Anglo-American Archaeology,' Society for American Archaeology, 59th Annual Meeting [20-24 April, 1994], Anaheim, California  
 Organizer and Co-Chairman [with M. González Morales] for the international symposium 'El Mesolítico de la Fachada Atlantica', sponsored by the Universidad de Cantabria and the Fundación Botín [6-10 July, 1994], Santander, Spain  
 Society for American Archaeology, Poster Award Committee: 1995  
 American Association for the Advancement of Science, Section H (Anthropology), Electorate Nominating Committee: 1995/98, Chair: 1997/98  
 Society for American Archaeology, Book Award Committee: 1996/99  
 Co-Organizer [with M. M. Overbey] for the public policy forum 'NAGPRA Revisited: Where Do We Go from Here?' American Anthropological Association, 96th Annual Meeting [19-23 November, 1997], Washington, DC  
 Associate Editor, Archeology, *American Anthropologist*, American Anthropological Association: 1997/01  
 American Anthropological Association, Archeology Division, Chair-Elect: 1995/97, Chair: 1997/99  
 Chairman for the symposium 'Beyond the Lithics: Mesolithic People in Europe', Society for American Archaeology, 63rd Annual Meeting [25-29 March, 1998], Seattle, Washington  
 Associate Editor, 'Scientific Archaeology for the Third Millennium', Greenwood Publishing Company: 1998-  
 American Anthropological Association, Executive Board: 1998/99  
 Organizer and Chairman for the symposium 'Pioneers on the Land: How North America Got Its People', Department of Anthropology, Arizona State University [4 December, 1999], Tempe, Arizona  
 American Association for the Advancement of Science, Section H (Anthropology), Chair-Elect: 2000/01, Chair: 2001/02, Retiring Chair: 2002/03  
 Organizer and Chairman for the symposium 'Leslie Gordon Freeman and the Americanist Paradigm in Spanish Paleolithic Archaeology', Society for American Archaeology, 65th Annual Meeting [5-9 April, 2000], Philadelphia, Pennsylvania  
 Society for American Archaeology, Committee for Excellence in Archaeological Analysis: 2000/03  
 American Anthropological Association, Executive Board: 2001/04  
 Organizer and Chairman for the symposium 'The Archaeology of Modern Human Origins,' American Association for the Advancement of Science, 168th Annual Meeting [14-19 February, 2002], Boston, Massachusetts  
 Co-Organizer and Co-Chairman [with J. Riel-Salvatore] for the symposium 'Upper Pleistocene 'Transitional' Industries: New Questions, New Methods', Society for American Archaeology, 67th Annual Meeting [20-24 March, 2002], Denver, Colorado  
 Archaeological Institute of America, Central Arizona Chapter, Executive Board: 2004 -  
 American Anthropological Association, Resource Development Committee: 2004/09

#### **EXTERNAL SERVICE – READER, REFEREE, ASSESSOR:**

I am currently, or have been, a reader, referee, or assessor for the following funding agencies, publishing houses, and journals:

#### **Funding Agencies:**

National Science Foundation (NSF)	Fulbright Scholarship Program
Australian Institute of Aboriginal Studies	National Geographic Society (NGS)
L.S.B. Leakey Foundation	American Philosophical Society
European Science Foundation (ESF)	Social Science Research Council (SSRC)
The Ford Foundation	American Council of Learned Societies (ACLS)
Wenner-Gren Foundation for Anthropological Research, Inc.	Social Sciences & Humanities Research Council of Canada
National Endowment for the Humanities (NEH)	John Simon Guggenheim Memorial Foundation
The Getty Grant Program	Institute for Advanced Study (Princeton)
American Center of Oriental Research (ACOR)	International Research & Exchange Bureau (IREX)
American Schools of Oriental Research (ASOR)	Miller Institute for Basic Research in Science (UC/Berkeley)
Association for Women in Science Educational Foundation	United States Information Agency (USIA)
Trinity College Research Fellowships (University of Cambridge)	Indiana University Minority Faculty Fellowship Program
Katholieke Universiteit Leuven (Belgium)	The American-Scandinavian Foundation
	Natural Environment Research Council (UK)
	Israel Science Foundation (ISF)
	American Association of University Women Educational

Center for Field Research (Yale)  
 School of American Research (SAR)  
 Center for Field Research (Earthwatch Institute)  
 Clare Hall Visiting Fellowships (Cambridge)  
 National Wildlife Fund

Foundation (AAUW)  
 Cotsen Institute of Archaeology (UCLA)  
 National Museum of Natural History (Smithsonian)  
 OAS PRA Fellowship Program (International Council of  
 Canadian Studies)

#### Publishing Houses:

Academic Press, Inc.  
 Prentice-Hall, Inc., Publishers  
 W.H. Freeman and Co., Publishers  
 Harper and Row, Inc., Publishers  
 Mayfield Publishing Company  
 Greenwood Publishing Company  
 Oxford University Press  
 Basic Books, Inc.

Texas Tech University Press  
 University of California Press  
 University of Arizona Press  
 University of Pennsylvania Press  
 California Academy of Sciences Press  
 British Archaeological Reports (BAR)  
 Cambridge University Press  
 Simon Fraser University Press

#### Anthropological Books and Journals:

*Science*  
*American Antiquity*  
*Quaternary Research*  
*Current Anthropology*  
*Journal of Archaeological Science*  
*Advances in Archaeological Method & Theory*  
*American Anthropologist*  
*Journal of Human Evolution*  
*Behavioural & Brain Sciences (UK)*  
*Revista Arqueología (Argentina)*  
*Asian Perspectives*

*Geoarchaeology*  
*Journal of Quantitative Anthropology*  
*International Wildlife Magazine*  
*British Archaeological Reports*  
*Archaeological Method & Theory*  
*Journal of Field Archaeology*  
*National Geographic Research*  
*Journal of Archaeological Method & Theory*  
*Journal of Anthropological Research*  
*Lithic Technology*  
*European Journal of Archaeology*

#### EXTERNAL SERVICE – TENURE & PROMOTION, PROGRAM REVIEWS, GRADUATE COMMITTEES:

University of Winnipeg, Killam Research Fellowship Program (Christopher Meiklejohn) 1983  
 University of Kentucky, Department of Anthropology (Deborah Olszewski) 1986  
 University of Wisconsin, H. I. Rowles Faculty Fellowship (Gary Feinman) 1987  
 Cornell University, Department of Anthropology, P&T (Thomas Volman) 1988  
 University of California, Berkeley, Department of Anthropology, P&T (Margaret Conkey) 1990  
 University of California, Berkeley, NSF Faculty Awards for Women Scientists (Margaret Conkey) 1990  
 University of California, Berkeley, Department of Anthropology, P&T (Kent Lightfoot) 1992  
 University of Toronto, Department of Anthropology, P&T (Ted Banning) 1993  
 University of California, Berkeley, President's Research Fellowship (Kent Lightfoot) 1993  
 University of Nevada, Las Vegas, Department of Anthropology, P&T (Alan Simmons) 1994  
 University of Pennsylvania, Department of Anthropology, P (Harold Dibble) 1994  
 University of Tulsa, Department of Anthropology, MA external examiner (Patricia Thomas) 1994  
 University of Toronto, Department of Anthropology, P (Ted Banning) 1996  
 William Paterson College, Department of Anthropology, P&T (Geoffrey Pope) 1996  
 University of Virginia, Department of Anthropology, P&T (Patricia Wattenmaker) 1996  
 University of Pennsylvania, University Museum (Philip Chase) 1997  
 Ben Gurion University of the Negev (Israel), Department of Anthropology, P (Steven Rosen) 1998  
 University of California, Riverside, Department of Anthropology, P (Philip Wilke) 1998  
 University of California, Santa Barbara, Department of Anthropology, P (Michael Jochim) 1998  
 Cambridge University, Trinity College Research Fellowship (Nellie Phoca-Cosmetatou) 1998  
 Lawrence University, Department of Anthropology, P&T (Peter Peregrine) 1998  
 University of California, Berkeley, Department of Anthropology, P (Margaret Conkey) 1999  
 University of Arizona, Department of Anthropology, P&T (Steven Kuhn) 1999  
 University of Edinburgh (Scotland), evaluation for a personal chair (Clive Bonsall): 2002  
 University of California, Berkeley, Department of Anthropology, P (M. Steven Shackley) 2002  
 Yarmouk University (Jordan), Department of Geosciences, P (Ziad M. K. al'Saad) 2003  
 University of Cambridge, Disney Professorship & Director, McDonald Institute (Geoffrey Bailey) 2003

University of Oxford, Institute of Archaeology, D.Phil. external examiner (Marta Camps i Calbet) 2004  
University of Arizona, Bureau of Applied Research in Anthropology, P&T (María Nieves Zedeño) 2004  
University of Pennsylvania, University Museum, P (Deborah Olszewski) 2004  
Whitman College, Department of Anthropology, P&T (Gary Rollefson) 2005  
University of New Mexico, Distinguished Research Professorship (Lawrence Straus) 2005  
University of Nevada, Las Vegas, Department of Anthropology, external examiner for Ph.D program 2005

**REFERENCES IN THE UNITED STATES, EUROPE & THE NEAR EAST:**

Names and addresses of (1) general references in the United States, (2) European, Levantine and American scholars familiar with my research projects in Spain and Jordan, (3) with the development and management of ASU's *Anthropological Research Papers* (ARP) and the AAA's *Archeological Papers* (AP3A), and (4) former graduate students who have received their degrees under my supervision will be provided upon request.

10/05

**PUBLICATIONS:  
BOOKS & MONOGRAPHS**

**1975**

*Liencreces: Una Estación al Aire Libre de Estilo Asturiense cerca de Santander.*  
Bilbao: Universidad de Deusto, Cuadernos de Arqueología No. 3, 84 pages.

**1976**

*El Asturiense Cantabrico.* Madrid: Consejo Superior de Investigaciones Científicas, Ministerio de Cultura,  
Bibliotheca Praehistorica Hispana No. 13, v + 372 pages.

**1979**

[Editor] *The North Burgos Archaeological Survey: Bronze and Iron Age Archaeology on the Meseta del Norte [Province of Burgos, North-Central Spain].* Tempe: Arizona State University,  
Arizona State University Anthropological Research Paper No. 19, xviii + 307 pages.

**1983**

*The Asturian of Cantabria: Early Holocene Hunter-Gatherers in Northern Spain.* Tucson:  
University of Arizona Press, Anthropological Papers of the University of Arizona No. 41, xii + 171 pages.

**1986**

[Editor, with L. G. Straus] *La Riera Cave: Stone Age Hunter-Gatherer Adaptations in Northern Spain.*  
Tempe: Arizona State University, Arizona State University Anthropological Research Paper No. 36, xvii + 498 pages.

**1991**

[Editor] *Perspectives on the Past: Theoretical Biases in Mediterranean Hunter-Gatherer Research.*  
Philadelphia: University of Pennsylvania Press, xix + 538 pages.

**1997**

[Editor, with C. M. Barton] *Rediscovering Darwin: Evolutionary Theory in Archeological Explanation.*  
Washington, DC: American Anthropological Association,  
Archeological Papers of the American Anthropological Association No. 7, x + 322 pages.

[Editor, with C. M. Willermet] *Conceptual Issues in Modern Human Origins Research.*  
New York: Aldine de Gruyter, xiv + 508 pages.

**2004**

[Editor, with M. R. González Morales] *The Mesolithic of the Atlantic Façade: Proceedings of the Santander Symposium.* Tempe: Arizona State University,  
Arizona State University Anthropological Research Paper No. 55, xii + 260 pages.

[Editor, with C. M. Barton, D. Yesner, G. Pearson] *The Settlement of the American Continents: a Multidisciplinary Approach to Human Biogeography.* Tucson: University of Arizona Press, viii + 284 pages.

\* = La Riera Paleoeological Project [L.R.P.P.] contribution  
° = Wadi Hasa Paleolithic Project [W.H.P.P.] contribution

+ = published in both English and Spanish versions  
\_ = denotes senior author or editor (if other than self)

**PUBLICATIONS:  
JOURNAL ARTICLES & BOOK CHAPTERS**

**1967**

A cache of Papago pottery from Kitt Peak, south-central Arizona. *The Kiva* 32(4): 128-142.

**1969**

A preliminary analysis of burial customs at the Grasshopper Site, east-central Arizona. *The Kiva* 35(2): 57-86.

**1971**

+The Asturian of Cantabria: subsistence base and the evidence for Post-Pleistocene climatic shifts. *American Anthropologist* 73(5): 1244-1257.

**1972**

+El Asturiense de Cantabria: bases sustentadoras y evidencias de los cambios climáticos post-Pleistocenos. *Trabajos de Prehistoria* 29: 17-30.

**1973**

+Excavaciones en la cueva de Coberizas, Asturias [España] [with T. Cartledge]. *Noticiario Arqueológico Hispanico* 2: 10-37.

+Recent excavations at the cave of Coberizas [Province of Asturias, Spain] [with T. Cartledge]. *Quaternaria* 17: 387-411.

**1974**

Excavations in the Late Pleistocene cave site of Balmori, Asturias [Spain]. *Quaternaria* 18: 383-426.

On the analysis of multidimensional contingency table data using log linear models. In *Computer Applications in Archaeology* [J. Wilcock & S. Laflin, eds.], pp. 47-58. Birmingham [England]: University of Birmingham.

La ocupación Asturiense en la cueva de La Riera [Asturias, España]. *Trabajos de Prehistoria* 31: 9-38.

**1975**

El hombre y su ambiente a comienzos del Holoceno en la Región Cantabrica. *Boletín del Instituto de Estudios Asturianos* 85: 363-387.

La cueva de Balmori [Asturias, España]: nuevas aportaciones [with V. Clark]. *Trabajos de Prehistoria* 32: 35-77.

**1976**

More on contingency table analysis, decision making criteria and the use of log linear models. *American Antiquity* 41(3): 259-273.

l'Asturien des Cantabres: état de la recherche actuelle. In *Actes du XX<sup>e</sup> Congrès Préhistorique de France* [M. Escalon de Fonton, ed.], pp. 84-101. Paris: Centre National de la Recherche Scientifique.

**1977**

Quantitative spatial analysis: computer applications of nearest neighbor and related approaches to the analysis of objects distributed across two-dimensional space [with R. Effland, J. Johnstone]. *Computer Applications in Archaeology* [S. Laflin, ed.], pp. 27-44. Birmingham [England]: University of Birmingham.

The Arizona State University nearest neighbor program: documentation and discussion [with R. Effland, J. Johnstone]. *Computer Applications in Archaeology* [S. Laflin, ed.], pp. 45-54. Birmingham [England]: University of Birmingham.

\*Cueva de La Riera: objetivo del 'Proyecto Paleoecológico' e informe preliminar de la campaña de 1976 [with L. Straus]. *Boletín del Instituto de Estudios Asturianos* 91: 489-505. [L.R.P.P., Cont. No. 2].

**1978**

Three-dimensional surface representations of lithic categories at Liencres [with T. Scheitlin]. *Newsletter of Computer Archaeology* 13(3): 1-13.

\*Late and Post-Pleistocene industries and fauna from the cave site of La Riera [Province of Asturias, Spain] [with L. Richards]. In *Views of the Past: Essays in Old World Prehistory and Paleoanthropology* [L. Freeman, ed.], pp. 117-152. The Hague: Mouton Publishers. [L.R.P.P., Cont. No. 14].

\*Prehistoric investigations in Cantabrian Spain [with L. Straus]. *Journal of Field Archaeology* 5(3): 289-317. [L.R.P.P., Cont. No. 11].

\*Cronología de las industrias del Würm Tardío y del Holoceno Temprano en Cantabria: contribuciones del Proyecto Paleocológico de La Riera [with L. Straus, M. González]. In *C-14 y la Prehistoria de la Península Ibérica* [M. Almagro Gorbea et al., eds.], pp. 37-43. Madrid: Fundación Juan March. [L.R.P.P., Cont. No. 12].

#### 1979

Spatial association at Liencres, an early Holocene open site on the Santander coast, north-central Spain. In *Computer Graphics in Archaeology* [S. Upham, ed.]. Arizona State University Anthropological Research Paper No. 15, pp. 121-144. Tempe: Arizona State University.

Introduction [with L. Straus]. In *The North Burgos Archaeological Survey: Bronze and Iron Age Archaeology on the Meseta del Norte [Province of Burgos, North-Central Spain]* [G. Clark, ed.]. Arizona State University Anthropological Research Paper No. 19, pp. 1-17. Tempe: Arizona State University.

The North Burgos Archaeological Survey: an inventory of cultural remains [with L. Straus, S. Burton, V. Jackson-Clark]. *Arizona State University Anthropological Research Paper No. 19*, pp. 18-157. Tempe: Arizona State University.

Toward a model of subsistence and settlement: catchment analysis of Bronze and Iron Age survey data from north Burgos Province, north-central Spain [with J. Francis]. *Arizona State University Anthropological Paper No. 19*, pp. 210-246. Tempe: Arizona State University.

Summary and conclusions: the North Burgos Archaeological Survey in perspective [with L. Straus]. *Arizona State University Anthropological Research Paper No. 19*, pp. 247-260. Tempe: Arizona State University.

+Liencres, an open station of Asturian affinity near Santander, Spain. *Quaternaria* 21: 249-286, 300-304.

#### 1980

+\*Ice-age subsistence in northern Spain [with L. Straus, J. Altuna, J. Ortea]. *Scientific American* 242(6): 142-153. [L.R.P.P., Cont. No. 22] [published in Spanish, French, German, Russian and Chinese editions].

Prehistoric resource utilization in early Holocene Cantabrian Spain [with S. Lerner]. In *Catchment Analysis: Essays in Prehistoric Resource Space* [F. Findlow & J. Ericson, eds.]. *Anthropology UCLA* 10(1-2): 53-96. Los Angeles: University of California.

Bronze and Iron Age economies on the Meseta del Norte, north-central Spain [with J. Francis]. In *Catchment Analysis: Essays in Prehistoric Resource Space* [F. Findlow & J. Ericson, eds.]. *Anthropology UCLA* 10(1-2): 97-136. Los Angeles: University of California.

Multivariate analysis of *Telanthropus capensis*: implications for hominid sympatry in South Africa. *Quaternaria* 22: 39-63.

#### 1981

\*Paleoecology at La Riera [Asturias, Spain] [with L. Straus, others]. *Current Anthropology* 22(6): 655-674, 680-682. [L.R.P.P., Cont. No. 23].

#### 1982

Quantifying archaeological research. In *Advances in Archaeological Method and Theory* [M. Schiffer, ed.], pp. 217-273. New York: Academic Press.

Quantification in American archaeology: an historical perspective [with C. Stafford]. *World Archaeology* 14(1): 98-119.

#### 1983

Observations on the Lower Paleolithic of northeast Asia [with S. Yi]. *Current Anthropology* 24(2): 181-190, 196-202. [see also *1985 Yearbook of Science and the Future*, pp. 248, 249. Chicago: Encyclopedia Britannica].

Niche-width variation in Cantabrian archaeofaunas: a diachronic study [with S. Yi]. In *Animals and Archaeology I: Hunters and their Prey* [J. Clutton-Brock & C. Grigson, eds.], pp. 183-208. Oxford: BAR International Series No. 163.

Boreal phase settlement-subsistence models in Cantabrian Spain. In *Hunter-Gatherer Economy in Prehistory: a European Perspective* [G. Bailey, ed.], pp. 96-110. Cambridge: Cambridge University Press.

\*Late Pleistocene hunter-gatherer adaptations in Cantabrian Spain [with L. Straus]. In *Hunter-Gatherer Economy in Prehistory: a European Perspective* [G. Bailey, ed.], pp. 131-148. Cambridge: Cambridge University Press. [L.R.P.P., Cont. No. 24].

Una perspectiva funcionalista en la prehistoria de la Región Cantábrica. In *Homenaje al Profesor Martín Almagro Basch, Vol. I* [A. Balil et al., eds.], pp. 155-170. Madrid: Ministerio de Cultura.

\*Excavaciones en la Cueva de La Riera [1976-1979]: un estudio inicial [with L. Straus, others]. *Trabajos de Prehistoria* 40: 9-58. [L.R.P.P., Cont. No. 18].

#### 1984

°The Negev model for paleoclimatic change and human adaptation in the Levant and its relevance to the paleolithic of the Wadi el'Hasa [west-central Jordan]. *Annual of the Department of Antiquities of Jordan* 28: 225-248. [W.H.P.P., Cont. No. 1]. [reprinted in *The Archaeology of the Wadi Hasa, Volume 1* [N. Coinman, ed.], pp. 77-98. Tempe: ARP No. 50, 1998].

#### 1985

The 'Dyuktai Culture' and New World origins [with S. Yi]. *Current Anthropology* 26(1): 1-13, 19, 20.

#### 1986

°Prehistoric hunter-gatherer settlement in the Wadi Hasa, west-central Jordan [with N. Coinman, J. Lindly]. In *The End of the Paleolithic in the Old World* [L. Straus, ed.], pp. 129-169. Oxford: BAR International Series No. 284. [W.H.P.P., Cont. No. 3].

\*Introduction: research design, site location and setting, history of earlier excavations and methodology [with L. Straus]. In *La Riera Cave: Stone Age Hunter-Gatherer Adaptations in Northern Spain* [L. Straus & G. Clark, eds.]. Arizona State University Anthropological Research Paper No. 36, pp. 1-18. Tempe: Arizona State University.

\*La Riera archaeological remains - level content and characteristics [with L. Straus]. *Arizona State University Anthropological Research Paper No. 36*, pp. 75-188. Tempe: Arizona State University.

\*Patterns of lithic raw material variation at La Riera [with L. Straus, J. Ordaz, L. Suarez, R. Esbert]. *Arizona State University Anthropological Research Paper No. 36*, pp. 189-208. Tempe: Arizona State University.

\*The ichthyology of La Riera cave [with M. Menéndez, L. Straus]. *Arizona State University Anthropological Research Paper No. 36*, pp. 285-288. Tempe: Arizona State University.

\*Multivariate analysis of La Riera industries and fauna [with D. Young, L. Straus, R. Jewett]. *Arizona State University Anthropological Research Paper No. 36*, pp. 325-350. Tempe: Arizona State University.

\*Synthesis and Conclusions - Part I: Upper Paleolithic and Mesolithic hunter-gatherer subsistence in northern Spain [with L. Straus]. *Arizona State University Anthropological Research Paper No. 36*, pp. 351-366. Tempe: Arizona State University.

\*Synthesis and Conclusions - Part II: The La Riera excavation, chronostratigraphy, paleoenvironments and cultural sequence in perspective [with L. Straus]. *Arizona State University Anthropological Research Paper No. 36*, pp. 367-384. Tempe: Arizona State University.

+El nicho alimenticio humano en el norte de España desde el Paleolítico hasta la Romanización. *Trabajos de Prehistoria* 43: 159-184.

°Paleolithic site placement in the Wadi Hasa, west-central Jordan [with N. Coinman, J. Lindly]. *Archiv für Orientforschung* 33: 288-299, 308. [W.H.P.P., Cont. No. 4].

°Paleolithic site placement in the Wadi Hasa, west-central Jordan [with N. Coinman, J. Lindly]. *Annual of the Department of Antiquities of Jordan* 30: 23-39. [W.H.P.P., Cont. No. 6].

#### 1987

+From the Mousterian to the Metal Ages: long-term change in the human diet of Cantabrian Spain. In *The Pleistocene Old World: Regional Perspectives* [O. Soffer, ed.], pp. 293-316. New York: Plenum Publishing Corporation.

Reynold J. Ruppé and the Department of Anthropology at Arizona State University [1962-1987]. In *Coasts, Plains and Deserts: Essays in Honor of Reynold J. Ruppé* [S. Gaines, ed.]. Arizona State University Anthropological Research Paper No. 38, pp. 1-9. Tempe: Arizona State University.

Observations on estimating local group size at Olduvai Gorge, Tanzania [with R. Jewett]. *Arizona State University Anthropological Research Paper No. 38*, pp. 117-127. Tempe: Arizona State University.

Paradigms and paradoxes in contemporary archaeology. In *Quantitative Research in Archaeology: Progress and Prospects* [M. Aldenderfer, ed.], pp. 30-60. Beverly Hills: Sage Publications.

Social differentiation in European mesolithic burial data [with M. Neeley]. In *Mesolithic Northwest Europe: Recent Trends* [P. Rowley-Conwy, M. Zvelebil & H.P. Blankholm, eds.], pp. 121-127. Sheffield: John R. Collis, Ltd.

°A diachronic study of paleolithic and aceramic neolithic settlement patterns in the Wadi Hasa, west-central Jordan [with N. Coinman, J. Lindly, M. Donaldson]. In *Studies in the History and Archaeology of Jordan, Vol. III* [A. Hadidi, ed.], pp. 215-223. London: Routledge & Kegan Paul, Ltd. [W.H.P.P., Cont. No. 7].

°A preliminary lithic analysis of the Mousterian site of 'Ain Difla (WHS Site 634) in the Wadi Ali, west-central Jordan [with J. Lindly]. *Proceedings of the Prehistoric Society* 53: 279-292. [W.H.P.P., Cont. No. 10]. [reprinted in *The Archaeology of the Wadi Hasa, Volume 2* [N. Coinman, ed.], pp. 95-110. Tempe: ARP No. 52, 2000].

°Paleolithic archaeology in the southern Levant [with others]. *Annual of the Department of Antiquities of Jordan* 31: 19-78, 547. [W.H.P.P., Cont. No. 7]. [reprinted in *The Archaeology of the Wadi Hasa, Volume 2* [N. Coinman, ed.], pp. 17-66. Tempe: ARP No. 52, 2000].

Southern Ghors and northeast 'Arabah archaeological survey 1986, Jordan: a preliminary report [with B. MacDonald, M. Neeley, R. Adams, M. Gregory]. *Annual of the Department of Antiquities of Jordan* 31: 391-413, 416-418, 610, 611.

#### 1988

°Excavations at Middle, Upper and Epipaleolithic sites in the Wadi Hasa, west-central Jordan [with others]. In *The Prehistory of Jordan: the State of Research in 1986* [A. Garrard & H.-G. Gebel, eds.], pp. 209-285. Oxford: BAR International Series No. 396(i). [W.H.P.P., Cont. No. 4].

°A typological and technological study of Upper Paleolithic collections from the Wadi Hasa Survey with observations on adjacent time-stratigraphic units [with D. Majchrowicz, N. Coinman]. In *The Wadi Hasa Archaeological Survey [1979-1983], West-Central Jordan* [B. MacDonald, ed.], pp. 87-127. Waterloo: Wilfrid Laurier University Press. [W.H.P.P., Cont. No. 2]. [reprinted in *The Archaeology of the Wadi Hasa, Volume 1* [N. Coinman, ed.], pp. 125-148. Tempe: ARP No. 50, 1998].

°A diachronic study of paleolithic and early neolithic site placement patterns in the southern tributaries of the Wadi Hasa [with N. Coinman, J. Lindly]. In *The Wadi Hasa Archaeological Survey [1979-1983], West-Central Jordan* [B. MacDonald, ed.], pp. 48-86. Waterloo: Wilfrid Laurier University Press. [W.H.P.P., Cont. No. 5]. [reprinted in *The Archaeology of the Wadi Hasa, Volume 1* [N. Coinman, ed.], pp. 99-124. Tempe: ARP No. 50, 1998].

The Upper Paleolithic of northeast Asia and its relevance to the first Americans: a personal view. In *Current Research in the Pleistocene* [J. Mead, ed.], pp. 3-7. Orono: Institute for Quaternary Studies, Center for the Study of Early Man, University of Maine.

Some thoughts on the Black Skull: an archaeologist's assessment of WT-17000 (*A. boisei*) and systematics in human paleontology. *American Anthropologist* 90(2): 357-371.

The biocultural transition and the origin of modern humans in the Levant and western Asia [with J. Lindly]. *Paléorient* 14(2): 159-167. [reprinted in *Préhistoire du Levant: Processus des Changements Culturels* [O. Aurenche, M.-C. Cauvin & P. Sanlaville, eds.], pp. 159-167. Paris: Editions du C.N.R.S., 1990].

Southern Ghors and northeast Araba Archaeological Survey 1985 and 1986, Jordan: a preliminary report [with B. MacDonald, M.Neeley]. *Bulletin of the American Schools of Oriental Research* 272: 23-46.

### 1989

Alternative models of Pleistocene biocultural evolution: a response to Foley. *Antiquity* 63: 153-162.

\*Romancing the stones: biases, style and lithics at La Riera. In *Alternative Approaches to Lithic Analysis* [D. Henry & G. Odell, eds.], pp. 27-50. Washington: Archeological Papers of the American Anthropological Association No. 1. [L.R.P.P., Cont. No. 30].

°Aspects of structure in an epipaleolithic occupation site in west-central Jordan [with N. Coinman, M. Donaldson]. In *Alternative Approaches to Lithic Analysis* [D. Henry & G. Odell, eds.], pp. 213-236. Washington: Archeological Papers of the American Anthropological Association No. 1. [W.H.P.P., Cont. No. 9]. [reprinted in *The Archaeology of the Wadi Hasa, Volume 2* [N. Coinman, ed.], pp. 345-364. Tempe: ARP No. 52, 2000].

+Site functional complementarity in the Mesolithic of northern Spain. In *The Mesolithic in Europe* [C. Bonsall, ed.], pp. 589-603. Edinburgh: John Donald Publishers, Ltd.

The case for continuity: observations on the biocultural transition in Europe and western Asia [with J. Lindly]. In *The Human Revolution: Behavioural and Biological Perspectives on the Origins of Modern Humans* [P. Mellars & C. Stringer, eds.], pp. 626-676. Edinburgh and Princeton: The University Presses.

Modern human origins in the Levant and western Asia: the fossil and archaeological evidence [with J. Lindly]. *American Anthropologist* 91(4): 962-985.

### 1990

On the emergence of modern humans [with J. Lindly]. *Current Anthropology* 31(1): 59-66.

Symbolism and modern human origins [with J. Lindly]. *Current Anthropology* 31(3): 233-240, 251-261. [reprinted in *The Human Evolution Source Book* [R. Ciochon & J. Fleagle, eds.], pp. 644-669. Englewood Cliffs, NJ: Prentice-Hall, 1992].

Making cultural ecology relevant to Mesolithic research I: a data base of 413 Mesolithic faunal assemblages [with S. Andersen, others]. In *Contributions to the Mesolithic in Europe* [P. Vermeersch & P. Van Peer, eds.], pp. 23-52. Leuven: Leuven University Press.

Measuring social complexity in the European Mesolithic [with M. Neeley]. In *Contributions to the Mesolithic in Europe* [P. Vermeersch & P. Van Peer, eds.], pp. 127-137. Leuven: Leuven University Press.

°WHS 784X (Yutil al-Hasa): a late Ahmarian site in the Wadi Hasa, west-central Jordan [with D. Olszewski, S. Fish]. *Proceedings of the Prehistoric Society* 56: 33-49. [W.H.P.P., Cont. No. 11]. [reprinted in *The Archaeology of the Wadi Hasa, Volume 2* [N. Coinman, ed.], pp. 195-210. Tempe: ARP No. 52, 2000].

### 1991

Introduction. In *Perspectives on the Past* [G. A. Clark, ed.], pp. 3-21. Philadelphia: University of Pennsylvania Press.

A paradigm is like an onion: reflections on my biases. In *Perspectives on the Past* [G. A. Clark, ed.], pp. 79-108. Philadelphia: University of Pennsylvania Press.

Epilogue: paradigms, realism, adaptation and evolution. In *Perspectives on the Past* [G. A. Clark, ed.], pp. 411-439. Philadelphia: University of Pennsylvania Press.

Paradigmatic biases and paleolithic research traditions [with J. Lindly]. *Current Anthropology* 32(5): 577-587.

## 1992

°Wadi al'Hasa palaeolithic settlement patterns: Negeb and South Jordan models compared. In *Studies in the History and Archaeology of Jordan, Vol. IV* [M. Zaghoul et al., eds.], pp. 89-96. Amman: Department of Antiquities of the Hashemite Kingdom of Jordan. [W.H.P.P., Cont. No. 8]. [reprinted in *The Archaeology of the Wadi Hasa, Volume 1* [N. Coinman, ed.], pp. 149-156. Tempe: ARP No. 50, 1998].

Continuity or replacement? Putting modern human origins in an evolutionary context. In *The Middle Paleolithic: Adaptation, Behavior and Variability* [H. Dibble & P. Mellars, eds.], pp. 183-205. Philadelphia: University of Pennsylvania Museum.

La migración como una no-explicación en la arqueología paleolítica. In *Elefantes, Ciervos y Ovicaprinos: Economía y Aprovechamiento del Medio en la Prehistoria de España y Portugal* [A. Moure Romanillo, ed.], pp. 17-36. Santander: Universidad de Cantabria y Fundación Ortega y Gasset.

Symbolism in the early palaeolithic: a conceptual odyssey [with A. Duff, T. Chadderdon]. *Cambridge Archaeological Journal* 2(2): 211-229.

°Wadi al-Hasa Paleolithic Project - 1992: preliminary report [with M. Neeley, B. MacDonald, J. Schuldenrein, K. 'Amr]. *Annual of the Department of Antiquities of Jordan* 36: 13-23. [W.H.P.P., Cont. No. 17]. [reprinted in *The Archaeology of the Wadi Hasa, Volume 1* [N. Coinman, ed.], pp. 157-164. Tempe: ARP No. 50, 1998].

## 1993

+Paradigms in science and archaeology. *Journal of Archaeological Research* 1(3): 203-234.

°The human food niche in the Levant over the past 150,000 years [with M. Neeley]. In *Hunting and Animal Exploitation in the Later Palaeolithic and Mesolithic of Eurasia* [G. Peterkin, H. Bricker & P. Mellars, eds.], pp. 221-240. Washington: Archeological Papers of the American Anthropological Association No. 4. [W.H.P.P., Cont. No. 12].

Cultural and natural formation processes in late Quaternary cave and rockshelter sites of western Europe and the Near East [with C. M. Barton]. In *Formation Processes in Archaeological Context* [P. Goldberg, D. Nash & M. Petraglia, eds.], pp. 33-52. Madison: Prehistory Press.

## 1994

°Landscape and prehistoric chronology of west-central Jordan [with J. Schuldenrein]. *Geoarchaeology* 9(1): 31-55. [W.H.P.P., Cont. No. 21].

Origine de l'homme: le dialogue de sourds. *La Recherche* 25: 316-321.

Ragging the radical critique: archaeology as practically anything other than science. *Arqueología Contemporánea* 5: 17-22 [Arqueología de Cazadores-Recolectores, J.L. Lanata y L.A. Borrero, eds.]. Buenos Aires: PRÉP-CONICET.

+Aspectos epistemológicos de la interpretación del registro arqueológico: el papel del paradigma metafísico. In *Homenaje al Doctor Joaquín González Echegaray* [J. Lasheras, ed.], pp. 1-12. Madrid: Ministerio de Cultura.

Art as information: explaining Upper Paleolithic art in western Europe [with C.M. Barton, A. Cohen]. *World Archaeology* 26(2): 185-207.

°Survey and excavation in Wadi al-Hasa: a preliminary report of the 1993 field season [with D. Olszewski, J. Schuldenrein, N. Rida, J. Eighmey]. *Annual of the Department of Antiquities of Jordan* 38: 41-55. [W.H.P.P., Cont. No. 23]. [reprinted in *The Archaeology of the Wadi Hasa, Volume 1* [N. Coinman, ed.], pp. 165-176. Tempe: ARP No. 50, 1998].

°The 1993 excavations at Yutil al-Hasa (WHS 784), an Upper-Epipaleolithic site in west-central Jordan [with D. Olszewski, others]. *Paléorient* 20(2): 129-141. [W.H.P.P., Cont. No. 24]. [reprinted in *The Archaeology of the Wadi Hasa, Volume 2* [N. Coinman, ed.], pp. 365-380. Tempe: ARP No. 52, 2000].

Reynold J. Ruppé 1917-1993 [with K. Lightfoot]. *Historical Archaeology* 28(3): 1-6.

Migration as an explanatory concept in paleolithic archaeology. *Journal of Archaeological Method and Theory* 1(4): 305-343.

## 1995

°Measuring long-term change in the human food niche: a Levantine example [with M. Neeley]. In *Studies in the History and Archaeology of Jordan, Vol. V* [K. 'Amr et al., eds.], pp. 673-684. Amman: Department of Antiquities of the Hashemite Kingdom of Jordan. [W.H.P.P., Cont. No. 13].

†Complementareidad funcional en el mesolítico del norte de España. In *Los Últimos Cazadores* [V. Villaverde B., ed.], pp. 45-62. Alicante: Diputación de Alicante e Instituto de Cultura 'Juan Gil-Albert.'

The Iberian Mesolithic and the transition to domestication economies: a view from the West. In *The Origin of Ceramics in East Asia and the Russian Far East* [H. Kajiwarra, ed.], pp. 93-101. Sendai: Tohoku Fukushi University Press [in Japanese].

## 1996

Explaining art in the Franco-Cantabrian refugium: an information exchange model [with C.M. Barton, A. Cohen]. In *Debating Complexity: Proceedings of the 26th Annual Chacmool Conference* [D. Meyer, P. Dawson & D. Hanna, eds.], pp. 241-253. Calgary: Archaeological Association of the University of Calgary.

## 1997

°WHS 1065 (Tor at-Tareeq), an epipaleolithic site in its regional context [with M. Neeley, J. Schuldenrein, J. Peterson]. In *Studies in the History and Archaeology of Jordan, Vol. VI* [G. Bishah et al., eds.], pp. 219-226. Amman: Department of Antiquities of the Hashemite Kingdom of Jordan. [W.H.P.P., Cont. No. 26].

The Middle-Upper Paleolithic transition in Europe: an American perspective. *Norwegian Archaeological Review* 30(1): 25-53.

Evolutionary theory in archeological explanation [with C. M. Barton]. In *Rediscovering Darwin: Evolutionary Theory in Archeological Explanation* [C. M. Barton & G. A. Clark, eds.], pp. 3-15. Washington: Archeological Papers of the American Anthropological Association No. 7.

Aspects of early hominid sociality: an evolutionary perspective. In *Rediscovering Darwin: Evolutionary Theory in Archeological Explanation* [C. M. Barton & G. A. Clark, eds.], pp. 209-232. Washington: Archeological Papers of the American Anthropological Association No. 7.

Rediscovering Darwin [with C. M. Barton]. In *Rediscovering Darwin: Evolutionary Theory in Archeological Explanation* [C. M. Barton & G. A. Clark, eds.], pp. 309-319. Washington: Archeological Papers of the American Anthropological Association No. 7.

Introduction [with C. Willermet]. In *Conceptual Issues in Modern Human Origins Research* [G. A. Clark & C. M. Willermet, eds.], pp. 1-8. New York: Aldine de Gruyter.

Through a glass darkly: conceptual issues in modern human origins research. In *Conceptual Issues in Modern Human Origins Research* [G. A. Clark & C. M. Willermet, eds.], pp. 60-76. New York: Aldine de Gruyter.

°Chronostratigraphic contexts of Middle Paleolithic horizons at the Ain Difla rockshelter (WHS 634), west-central Jordan [with others]. In *The Prehistory of Jordan II: Perspectives from 1997* [H. G. Gebel et al., eds.], pp. 77-100. Berlin: Ex Oriente. [W.H.P.P., Cont. No. 30].

°Use-wear analysis of Levallois points from the Ain Difla rockshelter, west-central Jordan [with K. Roler]. In *The Prehistory of Jordan II: Perspectives from 1997* [H. G. Gebel et al., eds.], pp. 101-110. Berlin: Ex Oriente. [W.H.P.P., Cont. No. 28].

°Rock rings: a preliminary report on Chalcolithic and EB I settlement in the Wadi Hasa drainage, west-central Jordan [with C. Papalas, J. Eighmey]. In *The Prehistory of Jordan II: Perspectives from 1997* [H. G. Gebel et al., eds.], pp. 429-440. Berlin: Ex Oriente. [W.H.P.P., Cont. No. 27].

## 1998

°Introduction [with N. R. Coinman]. In *The Archaeology of the Wadi al-Hasa, West-Central Jordan, Volume 1: Surveys, Settlement Patterns and Paleoenvironments* [N. R. Coinman, ed.], pp. 1-12. Tempe: Arizona State University Anthropological Research Papers No. 50. [W.H.P.P., Cont. No. 33].

°Investigations at Tor al-Tareeq: an epipaleolithic site in the Wadi Hasa, west-central Jordan [with M. Neeley, J. Peterson, S. Fish, M. Glass]. *Journal of Field Archaeology* 25(3): 295-317. [W.H.P.P., Cont. No. 25].

Multivariate pattern searches, the logic of inference and European prehistory: a comment on Cavalli-Sforza. *Journal of Anthropological Research* 54(3): 406-411.

### 1999

The Mesolithic of Atlantic coastal Iberia: recent trends. In *l'Europe des Derniers Chasseurs: Peuplement et Paléoenvironnement de l'Épipaléolithique et du Mésolithique* [A. Thévenin, ed.], pp. 53-58. Paris: Éditions du C.T.H.S.

NAGPRA, science, and the demon-haunted world. *Skeptical Inquirer* 23(3): 44-48. [excerpted under the same title in *ACPAC Newsletter*, pg. 10; March, 2000].

Modern human origins - highly visible, curiously intangible. *Science* 283: 2029-2032; 284: 917; [www.sciencemag.org/feature/data/990029.shl](http://www.sciencemag.org/feature/data/990029.shl).

### 2000

Thirty years of Mesolithic research in Atlantic coastal Iberia (1970-2000). *Journal of Anthropological Research* 56(1): 17-37.

°Introduction [with N. R. Coinman]. In *The Archaeology of the Wadi al-Hasa, West-Central Jordan, Volume 2: Excavations at Middle, Upper, and Epipaleolithic Sites* [N. R. Coinman, ed.], pp. 1-16. Tempe: Arizona State University Anthropological Research Papers No. 52. [W.H.P.P., Cont. No. 34].

°The Middle Paleolithic in the Wadi al-Hasa: an overview. In *The Archaeology of the Wadi al-Hasa, West-Central Jordan, Volume 2* [N. R. Coinman, ed.], pp. 67-94. Tempe: Arizona State University Anthropological Research Papers No. 52. [W.H.P.P., Cont. No. 36].

°The Ain Difla rockshelter and Middle Paleolithic systematics in the Levant [with J. Lindly]. In *The Archaeology of the Wadi al-Hasa, West-Central Jordan, Volume 2* [N. R. Coinman, ed.], pp. 111-122. Tempe: Arizona State University Anthropological Research Papers No. 52. [W.H.P.P., Cont. No. 37].

°Core reconstructions and lithic reduction sequences at WHS 623X, an Upper Paleolithic site in the Wadi al-Hasa, west-central Jordan [with J. Lindly, R. Beck]. In *The Archaeology of the Wadi al-Hasa, West-Central Jordan, Volume 2* [N. R. Coinman, ed.], pp. 211-226. Tempe: Arizona State University Anthropological Research Papers No. 52. [W.H.P.P., Cont. No. 35].

°WHS 1065 (Tor al-Tareeq): an Epipaleolithic site in the Wadi al-Hasa, west-central Jordan [with M. Neeley, J. Peterson, S. Fish]. In *The Archaeology of the Wadi al-Hasa, West-Central Jordan, Volume 2* [N. R. Coinman, ed.], pp. 245-280. Tempe: Arizona State University Anthropological Research Papers No. 52. [W.H.P.P., Cont. No. 38].

Intraregional variability in the Mesolithic of Atlantic coastal Iberia. In *Regional Approaches to Adaptation in Late Pleistocene Western Europe* [G. Peterkin & H. Price, eds.], pp. 205-220. Oxford: BAR International Series No. 896.

Darwinian dystopia - the shape of things to come. *Futures* 32(8): 729-738.

### 2001

°The paleolithic of Jordan in the Levantine context [with N. Coinman, M. Neeley]. In *Studies in the History and Archaeology of Jordan, Vol. VII* [M. Zaghoul et al., eds.], pp. 49-68. Amman: Department of Antiquities. [W.H.P.P., Cont. No. 39].

Observations on the epistemology of human origins research. In *Studying Human Origins: Disciplinary History and Epistemology* [R. Corbey & W. Roebroeks, eds.], pp. 139-146. Amsterdam: Amsterdam University Press.

Discussion: The logic of inference in transition research. In *Questioning the Answers: Re-solving Fundamental Problems of the Early Upper Paleolithic* [M. Hays & P. Thacker, eds.], pp. 39-48. Oxford: BAR International Series No. 1005.

°Prehistoric landscapes and settlement geography along the Wadi Hasa, west-central Jordan - Part I: Geoarchaeology, human palaeoecology and ethnographic modelling [with J. Schuldenrein]. *Environmental Archaeology* 6(1): 23-38. [W.H.P.P., Cont. No. 41].

Grave markers: Middle and early Upper Paleolithic burials and the use of chronotypology in contemporary paleolithic research [with J. Riel-Salvatore]. *Current Anthropology* 42(4): 449-460, 470-479.

#### 2002

Observations on paradigmatic bias in French and American paleolithic archaeology. In *The Role of American Archeologists in the Study of the European Upper Paleolithic* [L. Straus, ed.], pp. 19-26. Oxford: BAR International Series No. 1048.

Neandertal archaeology - implications for our origins. *American Anthropologist* 104(1): 50-67.

#### 2003

Liencres revisited - the significance of spatial patterning revealed by unconstrained clustering [with C. Papalas, K. Kintigh]. In *Mesolithic on the Move* [L. Larsson et al., eds.], pp. 253-261. Oxford: Oxbow Books.

°Prehistoric landscapes and settlement geography along the Wadi Hasa, west-central Jordan – Part II: Towards a model of palaeoecological settlement for the Wadi Hasa [with J. Schuldenrein]. *Environmental Archaeology* 8(1): 1-16. [W.H.P.P., Cont. No. 42].

The paleolithic in Syria-Palestine [with N. Coinman]. In *Near Eastern Archaeology: a Reader* [S. Richard, ed.], pp. 233-243. Winona Lake, IN: Eisenbrauns.

American archeology's uncertain future. In *Archeology is Anthropology* [S. Gillespie & D. Nichols, eds.], pp. 51-68. Arlington, VA: Archeological Papers of the American Anthropological Association No. 13.

#### 2004

An interdisciplinary perspective on long term human biogeography and the Pleistocene colonization of the Americas [with C. M. Barton, D. Yesner, G. Pearson]. In *The Settlement of the American Continents: a Multidisciplinary Approach to Human Biogeography* [C. M. Barton et al., eds.], pp. 1-8. Tucson: University of Arizona Press.

Deconstructing the North Atlantic connection. In *The Settlement of the American Continents: a Multidisciplinary Approach to Human Biogeography* [C. M. Barton et al., eds.], pp. 103-112, 217, 218. Tucson: University of Arizona Press.

Peopling of the Americas and continental colonization: a millennial perspective [with D. Yesner, C. M. Barton, G. Pearson]. In *The Settlement of the American Continents: a Multidisciplinary Approach to Human Biogeography* [C. M. Barton et al., eds.], pp. 196-214. Tucson: University of Arizona Press.

Recent paleolithic surveys in Luristan [with K. Roustaei, others]. *Current Anthropology* 45(5): 692-707 + enhancements: [www.journals.uchicago.edu/cgi-bin/resolve?CA045703](http://www.journals.uchicago.edu/cgi-bin/resolve?CA045703) (8 pp. text, 9 figs., 1 table).

Why *not* the Neandertals? [with M. Wolpoff, others]. *World Archaeology* 36(4): 527-546.

The Iberian Mesolithic in the European context. In *The Mesolithic of the Atlantic Façade* [M. R. González Morales & G. Clark, eds.], pp. 205-223. Tempe: Arizona State University Anthropological Research Papers No. 55.

#### 2005

Modern approaches to paleolithic archaeology in Europe: a sampler of research traditions. *American Antiquity* 70(2): 376-384.

Observations on systematics in paleolithic archaeology [with J. Riel-Salvatore]. In *Transitions before the Transition: Evolution and Stability in the Middle Paleolithic and the Middle Stone Age* [E. Hovers & S. Kuhn, eds.], pp. 29-56. New York: Springer.

**PUBLICATIONS:  
NOTES, ADDENDA, BOOK REVIEWS, OBITUARIES & COMMENTS**

**1967**

Addendum to a cache of Papago pottery from Kitt Peak, south-central Arizona. *The Kiva* 33(1): 36.

**1973**

Comment: Archaeoastronomy and Ethnoastronomy So Far [Baity]. *Current Anthropology* 14(4): 432.

Comment: The Astronomical Significance of the Crucuno Stone Rectangle [Thom, Thom, Merritt & Merritt]. *Current Anthropology* 14(4): 452.

Review: *Les Méthodes Mathématiques de l'Archéologie* [Borillo, ed., Centre National de la Recherche Scientifique, Rap. No. 37] [1972]. *Newsletter of Computer Archaeology* 9(2): 11-13.

**1974**

Review: *Early Man: Prehistory and the Civilizations of the Ancient Near East* [Starr]. *Man* 9(1): 145.

Comment: On the Adaptive Radiation of Hominids [Todd & Blumenburg]. *Current Anthropology* 15(4): 402.

Comment: On the Association between *Homo* and *Australopithecus* [Blumenburg & Todd]. *Current Anthropology* 15(4): 402.

**1975**

Review: *Neolithic Cultures of Western Asia* [Singh]. *Man* 10(1): 136,137.

Archaeological survey on the Meseta del Norte [Province of Burgos, north-central Spain] [with L. Straus, C. Fuentes]. *Journal of the Arizona Academy of Science* 10(1): 3-7.

Preliminary site survey on the Meseta del Norte, northern Burgos Province, Spain [with L. Straus, C. Fuentes]. *Current Anthropology* 16(2): 283-286.

+Appendice II: Muestras de pólen de Liencres: niveles 1 y 2 [with J. Menéndez]. *Cuadernos de Arqueología No. 3*, pp. 67-70. Bilbao: Seminario de Arqueología, Universidad de Deusto.

+Appendice III: Liencres: la recogida de la superficie de 1972. *Cuadernos de Arqueología No. 3*, pp. 71-77. Bilbao: Seminario de Arqueología, Universidad de Deusto.

**1976**

The fossil sequence of human evolution. In *Encyclopedia of Anthropology* [D. Hunter & P. Whitten, eds.], pp. 176-179. New York: Harper & Row.

*Australopithecines*. In *Encyclopedia of Anthropology* [D. Hunter & P. Whitten, eds.], pp. 49-52. New York: Harper & Row.

*Homo erectus*. In *Encyclopedia of Anthropology* [D. Hunter & P. Whitten, eds.], pg. 205. New York: Harper & Row.

*Homo sapiens*. In *Encyclopedia of Anthropology* [D. Hunter & P. Whitten, eds.], pp. 205, 206. New York: Harper & Row.

Lithic ages. In *Encyclopedia of Anthropology* [D. Hunter & P. Whitten, eds.], pg. 251. New York: Harper & Row.

Measurement scales. In *Encyclopedia of Anthropology* [D. Hunter & P. Whitten, eds.], pg. 264. New York: Harper & Row.

The Pleistocene. In *Encyclopedia of Anthropology* [D. Hunter & P. Whitten, eds.], pp. 307, 308. New York: Harper & Row.

Contributions: *Encyclopedia of Anthropology* [D. Hunter & P. Whitten, eds.], pp. 3, 48-9, 70-2, 74, 166, 223-4, 263-5, 267, 269, 276, 282, 290, 299, 325, 355, 363, 399-400. New York: Harper & Row.

Olduvai living floors: estimation of local group size during the African Basal Pleistocene [with R. Jewett]. *Résumé de Communications: Section II (Paléolithique Inferieur)*, pp. 137, 138. Nice: IX<sup>e</sup> Congrès International de l'U.I.S.P.P.

Review: *Mathematics and Computers in Archaeology* [Doran & Hodson]. *Computers and the Humanities* 10(6): 369-372.

#### 1977

- \* La Riera Paleoeological Project; preliminary report, 1976 excavations [with L. Straus]. *Current Anthropology* 18(2): 354, 355. [L.R.P.P., Cont. No. 1].
- \* Algunas observaciones sobre 'Revisión Estratigráfica de la Cueva de La Riera' [with L. Straus]. *Boletín del Instituto de Estudios Asturianos* 91: 507, 508. [L.R.P.P., Cont. No. 5].
- \* New radiocarbon dates for the Spanish Solutrean [with L. Straus, F. Bernaldo de Quirós, V. Cabrera]. *Antiquity* 51(203): 243. [L.R.P.P., Cont. No. 4].
- \* 1976 excavations in the La Riera cave [Asturias, Spain] [with L. Straus]. *Old World Archaeology Newsletter* 1(2): 10, 11. [L.R.P.P., Cont. No. 6].
- \* 1977 excavations in the La Riera cave [Asturias, Spain] [with L. Straus]. *Old World Archaeology Newsletter* 1(3): 10, 11. [L.R.P.P., Cont. No. 7].

#### 1978

Review: *Spatial Analysis in Archaeology* [Hodder & Orton]. *American Antiquity* 43(1): 132-135.

Spain [A Perspective on Archaeological Research in Spain]. *Old World Archaeology Newsletter* 2(2): 12-17.

- \* Europe [with L. Straus]. *AMQUA Newsletter* 8(1): 16. [L.R.P.P., Cont. No. 15].

Review: *Man in Prehistory* [Chard]. *American Anthropologist* 80(2): 469, 470.

- \* Spain [with L. Straus]. *Old World Archaeology Newsletter* 2(3): 10-12. [L.R.P.P., Cont. No. 16].

- \* La Riera Paleoeological Project: preliminary report, 1977 excavations [with L. Straus]. *Current Anthropology* 19(2): 455, 456. [L.R.P.P., Cont. No. 9].

- \* Solutrean chronology and lithic variability in Vasco-Cantabrian Spain [with L. Straus, F. Bernaldo de Quirós, V. Cabrera]. *Zephyrus* 28: 109-112. [L.R.P.P., Cont. No. 8].

- \* Four millennia: the Solutrean of Cantabrian Spain [with L. Straus]. *Antiquity* 52: 240, 241. [L.R.P.P., Cont. No. 10].

#### 1979

- \* La Riera Paleoeological Project: preliminary report, 1978 excavations [with L. Straus]. *Current Anthropology* 20(1): 235, 236. [L.R.P.P., Cont. No. 17].

Appendix I: Informe sobre los materiales recogidos en el Reconocimiento Arqueológico de Burgos [with L. Straus, L. Perez, V. Clark, C. Flataker]. *Arizona State University Anthropological Research Paper No. 19*, pp. 261-286. Tempe: Arizona State University.

- \* La Riera Paleoeological Project: 1979 [with L. Straus]. *Old World Archaeology Newsletter* 3(3): 13, 14. [L.R.P.P., Cont. No. 19].

Review: *Computer Applications in Archaeology, 1978* [Laflin, ed.]. *Computers and the Humanities* 13(4): 323, 324.

- + Appendix II: Pollen samples from Liencres: Levels 1 and 2 [with J. Menéndez]. *Quaternaria* 21: 292-295.

- + Appendix III: Liencres: the 1972 surface collection. *Quaternaria* 21: 296-299.

#### 1980

Review: *Manuel de Recherche Préhistorique* [Camps]. *Man* 15(4): 740, 741.

Comment: The identification of prehistoric hunter-gatherer aggregation sites: the case of Altamira [Conkey]. *Current Anthropology* 21(5): 621, 622.

\*Late Pleistocene/Early Holocene man-land relationships in Northern Spain [with L. Straus]. *AMQUA Abstracts* 6: 183, 184. [L.R.P.P., Cont. No. 21].

+\*Subsistencia en el norte de España durante la última glaciación [with L. Straus, J. Altuna, J. Ortea]. *Investigación y Ciencia* 47: 78-87. [NB: Spanish version of *Scientific American* article].

\*Comment se nourrissaient les hommes à l'époque glaciaire [with L. Straus, J. Altuna, J. Ortea]. *Pour la Science* 38: 56-65. [NB: French version of *Scientific American* article].

#### 1981

On preagricultural coastal adaptations. *Current Anthropology* 22(4): 444-446.

Review: *Cambridge Encyclopedia of Archaeology* [A. Sherratt, ed.]. *Man* 16(4): 701, 702.

#### 1983

Reply: On the Lower Paleolithic of northeast Asia [with S. Yi]. *Current Anthropology* 24(3): 404.

Review: *The Cambridge History of Africa, Vol. I: From the Earliest Times to c. 500 B.C.* [J. D. Clark, ed.]. *Man* 18(1): 209-211.

\*Further reflections on adaptive change in Cantabrian prehistory [with L. Straus]. In *Hunter-Gatherer Economy in Prehistory: a European Perspective* [G. Bailey, ed.], pp. 166, 167. Cambridge: Cambridge University Press. [L.R.P.P., Cont. No. 26].

Old World Archaeology. *Science Year 1984: The World Book Science Annual*, pp. 218-220. Chicago: World Book.

#### 1984

Review: *Early European Agriculture: Its Foundation and Development* [Jarman, Bailey & Jarman]. *American Anthropologist* 86(1): 190, 191.

Comment: Specialization and the Middle-Upper Paleolithic transition [Orquera]. *Current Anthropology* 25(1): 87, 88.

Review: *Les Harpons Magdaleniens* [Julien]. *Man* 19(1): 162.

#### 1985

Reply: On the 'Dyuktai Culture and New World Origins' [Yi & Clark]. *Current Anthropology* 26(1): 17, 18.

More on the Dyuktai Culture: a reply to Ikawa-Smith. *Current Anthropology* 26(4): 532.

#### 1986

\*Acknowledgments [with L. Straus]. *Arizona State University Anthropological Research Paper No. 36*, pp. xvi, xvii. Tempe: Arizona State University.

#### 1987

Review: *Hunters in Transition: Mesolithic Societies of Temperate Eurasia and Their Transition to Farming* [Zvelebil, ed.]. *American Anthropologist* 89(4): 1001.

Review: *The Upper Paleolithic of the Central Russian Plain* [Soffer]. *Geoarchaeology* 3(1): 90, 91.

Some thoughts on the southern extent of the Lisan Lake as seen from the Jordan side. *Annual of the Department of Antiquities of Jordan* 31: 414, 415. [see also *Bulletin of the American Schools of Oriental Research* 272: 42, 43 (1988)].

#### 1988

Letter: Modern human origins [with M. Wolpoff, others]. *Science* 241: 772-774.

**1989**

Comment: Grave shortcomings – the evidence for Neandertal burial [Gargett] [with J. Lindly]. *Current Anthropology* 30(2): 178, 179.

Paradigms and paradoxes in paleoanthropology: a response to C. Loring Brace. *American Anthropologist* 91(2): 446-450.

Review: *Prehistory and Paleoenvironments in the Central Negev, Israel: Vols. I-III* [A. Marks, ed.]. *SAS Bulletin* 12(4): 6-8. [reprinted in *Bulletin of the American Schools of Oriental Research* 281: 85-88 (1991)].

**1990**

Review: *The Human Career: Human Biological and Cultural Origins* [Klein]. *International Journal of Primatology* 11(5): 471-474.

Algunas reflexiones sobre la epistemología: una respuesta a Utrilla. *Trabajos de Prehistoria* 47: 369-374.

**1991**

Preface. In *Perspectives on the Past* [G. A. Clark, ed.], pp. xvii-xix. Philadelphia: University of Pennsylvania Press.

Comment: The faunal remains from Grotta Guattari: a taphonomic perspective [Stiner] and The question of ritual cannibalism at Grotta Guattari [White & Toth]. *Current Anthropology* 32(2): 125.

**1992**

Review: *Patterns in Prehistory: Humankind's First Three Million Years* [Wenke]. *American Antiquity* 57(2): 363.

°Evidence for 120,000 year-old humans in Jordan's Wadi Ali. *Hohokam News* 6(2): 2.

°Wadi el-Hasa. *American Journal of Archaeology* 95(3): 254, 255. [W.H.P.P., Cont. No. 15].

°Wadi Hasa Paleolithic Project 1992. *Liber Annuus* 42: 343, 344.

Letter: Paleoanthropological contexts. *Science* 257: 597.

Comment: The excavations at Kebara Cave, Mt. Carmel, Israel [O. Bar-Yosef et al.]. *Current Anthropology* 33(5): 534, 535.

Comment: On Mithen's 'Ecological Interpretation of Palaeolithic Art.' *Proceedings of the Prehistoric Society* 58: 107-109.

**1993**

Review: *History and Evolution* [Nitecki & Nitecki, eds.]. *American Journal of Physical Anthropology* 90(1): 129, 130.

Review: *Iberia Before the Iberians* [Straus]. *Quaternary Research* 39(1): 131, 132.

°Excavations and survey in west-central Jordan: Wadi Hasa Paleolithic Project - 1992. *Old World Archaeology Newsletter* 16(2): 12-17. [W.H.P.P., Cont. No. 20].

Letter: Regional roots. *American Scientist* 81(1): 4, 5.

Mentoring archaeology graduate students. In *Outstanding Graduate Mentor: 1992 Graduate Teaching Award*, pp. 5-10. Tempe: Arizona State University Graduate College & the ASU Foundation.

°Wadi el-Hasa Paleolithic Project - Wadi el-Hasa North Bank Survey. In *ACOR: the First 25 Years* [P. Bikai, ed.], pp. 76-78. Amman: American Center of Oriental Research.

Obituary: Reynold J. Ruppé (1917-1993). *ASU Insight* 14(21): 2, 3; see also *Anthropology News Briefs* 20(2): 1, 4.

°Wadi Hasa Paleolithic Project - 1992. *American Journal of Archaeology* 97(3): 457-460. [W.H.P.P., Cont. No. 16].

On Chazan's review of *Perspectives on the Past*. *American Anthropologist* 95(4): 1007-1009.

°Wadi Hasa Paleolithic Project and North Bank Survey. *ACOR Newsletter* 5(2): 6.

**1994**

Origen del hombre: un diálogo de sordos. *Mundo Científico* 14(146): 462-467. [NB: Spanish version of *La Recherche* article].

°Wadi Hasa Paleolithic Project and North Bank Survey. *American Journal of Archaeology* 98(3): 527-529. [W.H.P.P., Cont. No. 22].

Origine de l'homme: la fin du dialogue de sourds? *La Recherche* 25(266): 681-683.

Obituary: Reynold J. Ruppé (1917-1993). *Anthropology Newsletter* 35(2): 43; see also *The Kiva* 59(4): 475, 476; [with K. G. Lightfoot] *Historical Archaeology* 28(3): 1-6.

Comment: Symboling and the Middle-Upper Paleolithic transition: a theoretical and methodological critique [Byers]. *Current Anthropology* 35(4): 382.

Review: *The Evolution and Dispersal of Modern Humans in Asia* [Akazawa, Aoki & Kimura, eds.]. *American Journal of Physical Anthropology* 94(4): 571-573.

**1995**

*In Search of the Neanderthals: some conceptual issues with special reference to the Levant* [with C.M. Willermet]. *Cambridge Archaeological Journal* 5(1): 153-156.

Comment: Concept-mediated marking in the Lower Paleolithic [Bednarik]. *Current Anthropology* 36(4): 617, 618.

Reynold J. Ruppé (1917-1993) [with K.G.Lightfoot]. *American Antiquity* 60(4): 661-664.

Paradigm crisis in modern human origins research [with C.M. Willermet]. *Journal of Human Evolution* 29(6): 487-490.

**1996**

Plus français que les Français. *Antiquity* 70: 138, 139.

Review: *Honor Among Thieves: a Zooarchaeological Study of Neandertal Ecology* [Stiner]. *American Journal of Physical Anthropology* 99(2): 363, 364, 367.

Review: *Mousterian Lithic Technology: an Ecological Perspective* [Kuhn]. *American Journal of Physical Anthropology* 99(2): 363-367.

Comment: The big-game focus: reinterpreting the archaeological record of Cantabrian Upper Paleolithic economy [Kornfeld]. *Current Anthropology* 37(4): 642, 643.

Letter: NAGPRA and the demon-haunted world. *SAA Bulletin* 14(5): 3; 15(2): 4. [see also *ACPAC Newsletter* 2: 5-7 [1997].

Review: *The Foraging Spectrum: Diversity in Hunter-Gatherer Lifeways* [Kelly] [with J. Lindly]. *American Anthropologist* 98(4): 913, 914.

Review: *Prehistoric Cultural Ecology and Evolution: Insights from Southern Jordan* [Henry] [with M. Neeley]. *Journal of Anthropological Research* 52(4): 528-531.

**1997**

Review: *The Neanderthal Legacy: an Archaeological Perspective from Western Europe* [Mellars]. *The Quarterly Review of Biology* 72(1): 111, 112.

Letter: Neanderthal genetics. *Science* 277: 1024, 1025.

Pernicious vanities. *Anthropology Newsletter* 38(7): 56, 54.

Race from the perspective of western science. *Anthropology Newsletter* 38(7): 54.

Section introductions: II - General Method & Theory in Evolutionary Archeology; III - Material Culture, Behavior & Middle Range Theory; IV - Case Studies & Applications in Paleoanthropology and Archeology. In *Rediscovering Darwin: Evolutionary Theory in Archaeological Explanation* [C. M. Barton & G. A. Clark, eds.], pp. 19, 20, 107, 108, 207, 208. Washington: Archeological Papers of the American Anthropological Association No. 7.

Section introductions: II - The Conceptual Framework; III - Western Perspectives: Latin Europe and the Levant; IV - Western Perspectives: the Anglo-German Research Traditions; V - Asian Perspectives; VI - Molecular Biology and Its Implications; VII - Perspectives from Evolutionary Epistemology. In *Conceptual Issues in Modern Human Origins Research* [G. A. Clark & C. M. Willermet, eds.], pp. 9, 10, 105, 106, 189, 190, 267, 268, 327, 328, 411, 412. New York: Aldine de Gruyter.

#### 1998

Fixin' racism. *Anthropology Newsletter* 39(3): 7.

Restructuring the AAA Executive Board. *Anthropology Newsletter* 39(3): 34, 35.

NAGPRA, religion and science. *Anthropology Newsletter* 39(4): 24, 25.

Review: *Humans at the End of the Ice Age: the Archaeology of the Pleistocene-Holocene Transition* [L. G. Straus et al., eds.]. *American Antiquity* 63(1): 177-179.

American archaeologist - the AD wants you (back)! *SAA Bulletin* 16(4): 28.

Mesolithic research in Atlantic coastal Iberia. In *Papers from the EAA Third Annual Meeting in Ravenna – 1997, Volume I: Pre- and Protohistory* [M. Pearce & M. Tosi, eds.], pp. 22-25. Oxford: BAR International Series No. 717.

NAGPRA, the conflict between science and religion, and the political consequences. *SAA Bulletin* 16(5): 22, 24, 25. [reprinted in *Working Together: Native Americans and Archaeologists* [K. Dongoske, M. Aldenderfer & K. Doehner, eds.], pp. 85-90, 226. Washington: Society for American Archaeology, 2000].

Letter: Human monogamy. *Science* 282: 1047, 1048.

#### 1999

Letter: Paleolithic population growth. *Science* 284: 1467.

Review: *Lithics After the Stone Age: a Handbook of Stone Tools from the Levant* [Rosen]. *Journal of the Royal Anthropological Institute* 5(2): 286, 287.

Letter: Response to Noyes. *Skeptical Inquirer* 23(5): 64, 65.

Foreword. In *Faunal Extinction in an Island Society* [Simmons et al.], pp. ix-xi. New York: Kluwer Academic/Plenum.

Review: *As the World Warmed: Human Adaptations Across the Pleistocene-Holocene Boundary* [B. Eriksen & L. Straus, eds.]. *Journal of Anthropological Research* 55(2): 296, 297.

Review: *Sociocultural Evolution* [Trigger]. *American Antiquity* 64(3): 547, 548.

#### 2000

The Middle-Upper Paleolithic transition in western Eurasia. *AJPA Supplement* 30: 125.

Letter: Spurious species? *Scientific American* 282(5): 12.

\*La grotte de La Riera (Asturies) et la question du Solutrén Cantabrique (et Ibérique) [with L. Straus]. *Bulletin de la Société Préhistorique Française* 97(1): 129-132.

The many anxieties of American archeology. *Teaching Anthropology SACC Notes* 7(1): 17-19.

Comment: Genes, tribes, and African history [MacEachern]. *Current Anthropology* 41(3): 372, 373.

Review: *Archaeological Perspectives on the Origins of Modern Humans: a View from the Levant* [Kaufman]. *Journal of Anthropological Research* 56(2): 241-243.

Deconstructing the North Atlantic connection. *Current Research in the Pleistocene* 17: 11-14.

#### 2001

Letter: Repatriating Kenewick is preposterous. *SAA Archaeological Record* 1(2): 3.

Neandertal archaeology and its implications. *General Anthropology* 7(2): 1, 5, 6.

Comment: Tool standardization in the Middle and Upper Paleolithic: a closer look [Marks et al.]. *Cambridge Archaeological Journal* 11(1): 32-34.

Misrepresented scientists speak out. *Reports of the National Center for Science Education* 21(5-6): 14.

Reply: Grave markers [with J. Riel-Salvatore]. *Current Anthropology* 42(4): 470-474.

On the questionable practice of invoking the metaphysic. *American Anthropologist* 102(4): 851-853.

Remembering who we are (about Fred Plog). *Anthropology ASU* 3: 1, 2.

#### 2002

The past meets the future: 3D visualization technology and lithic analysis at Wadi al'Hasa Locality 623X, Jordan [with J. Riel-Salvatore, others]. *Journal of Human Evolution* 42(3): A39.

Review: *Dorothy Garrod and the Progress of the Palaeolithic* [W. Davies & R. Charles, eds.]. *Bulletin of the American Schools of Oriental Research* 326: 81-83.

Comment: A diffusion wave out of Africa: the mechanism of the modern human revolution? [Eswaran]. *Current Anthropology* 43(5): 764, 765.

#### 2003

Comment: Seafaring in the Pleistocene [Bednarik]. *Cambridge Archaeological Journal* 13(1): 56-58.

Obituary: Robert John Braidwood (1907-2003) and Linda Schreiber Braidwood (1909-2003). *Neo-Lithics* 1/03: 3-7.

#### 2004

Obituary: Robert John Braidwood (1907-2003) and Linda Schreiber Braidwood (1909-2003). *SAA Archaeological Record* 4(3): 40, 41, 59.

Status, context and history in American academic archaeology – a personal assessment. *SAA Archaeological Record* 4(2): 9-12.

Palaeoanthropology for middlebrows [Review: *The Neanderthal's Necklace: In Search of the First Thinkers* by Juan Luís Arsuaga] [with J. Thompson]. *Cambridge Archaeological Journal* 14(1): 141-144.

Section introductions: I - Evidential Frameworks; II - Human Behavioral Ecology; III - Human Biology & Evolution; IV - Language & Cognition; V - Epilogue. In *The Settlement of the American Continents – a Multidisciplinary Approach to Human Biogeography* [C. Barton et al., eds.], pp. 9, 77, 78, 121, 122. Tucson: University of Arizona Press.

Preface [with M. González Morales]. In *The Mesolithic of the Atlantic Façade*, pp. xi, xii. Tempe: Arizona State University Anthropological Research Papers No. 55.

### IN PRESS

- n.d. Investigaciones sobre los orígenes del hombre moderno: ubicando la Península Ibérica en un contexto global. In *The Iberian Peninsula and Human Evolution* [M. Walker, ed.]. Oxford and Murcia: BAR International Series and the University of Murcia Press [2005].
- n.d. Research traditions in paleoanthropology: an archaeological perspective. In *Sylvia Gaines Festschrift* [J. Hantman & R. Most, eds.]. Tempe, AZ: ARP No. 57 [2006].
- n.d. Resultados preliminares de los trabajos en curso en el abrigo de Sopena (Onís, Asturias) [with A. Pinto, A. Miller]. In *En el Centenario de la Cueva de El Castillo: el Ocaso de los Neandertales* [V. Cabrera, ed.]. Madrid: Universidad Nacional de Educación a Distancia [2006].
- n.d. The compositional integrity of the Aurignacian [with J. Riel-Salvatore]. In *Jesús Altuna Festschrift* [K. Mariezkurrena, ed.]. Special number of *Munibe*. San Sebastián, Sociedad de Ciencias Naturales 'Aranzadi' [2005].
- n.d. What's in a name? Observations on the compositional integrity of the Aurignacian [with J. Riel-Salvatore]. In *The Mediterranean from 50-25,000 BP: Turning Points and New Directions* [M. Camps & C. Szmids, eds.]. Oxford: Oxbow Books [2006].
- n.d. Modern human origins research in Iberia: a critique of the Indigenist Model. In *Libro en Homenaje a la Profa. Victoria Cabrera Valdés* [E. Cantera, A. Fernández & J. M. Maíllo, eds.]. Madrid: Prensa Universitaria de la UNED [2006].

### SUBMITTED

The Ain Difla rockshelter (Jordan) and the evolution of Mousterian technology: implications for modern human origins [with M. Mustafa, S. Kuhn]. Submitted to *Eurasian Prehistory* (September, 2004).

The Middle and Upper Paleolithic in northern Iberia: the Sopena rockshelter [with A. Pinto, A. Miller]. Submitted to *Current Anthropology* (June, 2004).

**OP-ED PAGE LETTERS & EDITORIALS (\*)**

U.S. Foreign Policy Backs Exploitation. *The Arizona Republic*, December 3, 1983 (on Nicaragua).

Nicaraguans Deserve to be Left Alone. *The Arizona Republic*, May 18, 1984.

Glendale Plan Doubtful. *The State Press*, March 10, 1985 (on ASU West).

\*Bush Should Work to Avoid Conflict in Middle East. *The East Valley Tribune*, December 27, 1990.

\*Paranoia Driving Irrational Resistance to Gun Control Laws. *The East Valley Tribune*, December 19, 1991.

Keep Abortion Safe, Legal for Arizona, Everywhere. *The Arizona Republic*, September 24, 1992 (won Golden Pen Award).

Abortion Foes Belittle the Status of Women. *The Phoenix Gazette*, September 27, 1992.

Tax Churches. *The Scottsdale Progress*. February 26, 1993.

Reduce the National Debt by Taxing the Churches. *The Arizona Republic*, March 4, 1993.

Without Direction. *The Arizona Republic*, April 2, 1993 (on evolution).

\*ASU Funding is a Legacy of Bias toward UofA, State Opposition to Education. *The State Press*, February 15, 1994.

\*What about Reform? ASU Professors Deserve Better Pay. *The Arizona Republic*, February 18, 1994.

\*ASU Salaries - State Should Share New Wealth. *The Phoenix Gazette*, March 13, 1995.

Low Pay for Professors Devastates State Schools. *The Arizona Republic*, March 29, 1995.

Pernicious Vanities. *The Phoenix Gazette*, March 20, 1996 (on race, ethnicity).

No Anthropological Basis for Race Differentiation. *The State Press*, March 28, 1996.

Race has No Place in Debate. *The Arizona Republic*, April 4, 1996.

Directionless Evolution Idea Belongs to Darwin, not Stephen Jay Gould. *ASU Insight*, April 5, 1996.

Anthropology Professors Wary of Mixing Beliefs with Theories (with C. M. Barton, others). *The State Press*, June 3, 1997 (on Regents' reaction to the IHO/ASU affiliation).

\*Tangled Strands of Time: Reviewing the Results of Neanderthal DNA Tests. *The Arizona Republic*, August 8, 1997.

\*The 'Sunburst' Logo, Our Identity, and the Conditions of Faculty Service. *ASU Insight*, August 29, 1997.

In Defense of Neanderthals. *The Arizona Republic*, October 18, 1997.

\*Race and Racism - Let's Get Over It. *The Arizona Republic*, April 5, 1998.

\*U.S. Must Champion Individuals and Rights, Not Groups. *The Arizona Republic*, May 3, 1998.

\*Clinton True to His Roots (deconstructing Peckergate). *The Arizona Republic*, October 13, 1998.

\*With Creationism Vote, Kansas Puts Its Faith in a Pseudoscience. *The Arizona Republic*, September 27, 1999.

\*In the End, We're Food for Worms. *The Arizona Republic*, February 8, 2000.

Surprise! State Lawmakers Overlooked Education. *The Arizona Republic*, June 18, 2001.

\*Leveling Playing Field Would Lift ASU Status. *The Arizona Republic*, May 10, 2002.

Revamp Regents to Level the Field. *The Arizona Republic*, February 23, 2003.

Merit Scholars Too Costly. *The Arizona Republic*, October 6, 2003.

Regents' Agenda is Smothering Academic Health of ASU. *The Arizona Republic*, November 7, 2003.

Regents Destroying ASU, NAU. *The Arizona Republic*, February 28, 2004.

\*Board of Regents Doesn't Understand Professoriate. *The Arizona Republic*, March 5, 2005.

**PAPERS PRESENTED  
AT PROFESSIONAL MEETINGS, PUBLIC LECTURES**

**1970**

The Asturian of Cantabria: Subsistence Base and the Evidence for Post-Pleistocene Climatic Shifts. American Anthropological Association [18-22 November, 1970]. San Diego, California.

**1972**

The Asturian of Cantabria: a Re-evaluation. Society for American Archaeology [4-6 May, 1972]. Bal Harbour, Florida.

**1973**

Late and Post-Pleistocene Industries and Fauna from the Cave Site of La Riera [with L. Richards]. IXth International Congress of Anthropological and Ethnological Sciences [1-8 September, 1973]. Chicago, Illinois.

**1974**

On the Analysis of Multidimensional Contingency Tables Using Log Linear Models. Computer Applications in Archaeology [5-6 January, 1974]. Birmingham, England.

Preliminary Site Survey in the Cantabrian Mountains, Burgos, Spain [with L. Straus, C. Fuentes]. Society for American Archaeology [2-4 May, 1974]. Washington, DC.

L'Asturien des Cantabres: État de la Recherche Actuelle. Congrès Préhistorique de France [1-7 July, 1974]. Martigues, France.

On the Analysis of Multidimensional Contingency Table Data Using Log Linear Models. Lecture at De Leien Wartena Project, Biologisch-Archaeologisch Instituut, Rijksuniversiteit Gröningen [6 July 1974]. Öostermeer, Netherlands.

**1975**

Spatial Association at Lienres, an Early Holocene Open Site on the Santander Coast, North-Central Spain. Society for American Archaeology [8-10 May, 1975]. Dallas, Texas.

**1976**

Local Group Size Estimation Procedures in Archaeological Contexts: an Example from the African Basal Pleistocene [with R. Jewett]. Society for American Archaeology [6-8 May, 1976]. St. Louis, Missouri.

Olduvai Living Floors: Estimations of Local Group Size During the African Basal Pleistocene [with R. Jewett]. IX<sup>e</sup> Congrès de l'Union International des Sciences Préhistoriques et Protohistoriques [13-18 September, 1976]. Nice, France.

**1977**

Quantitative Spatial Analysis: Computer Applications of Nearest Neighbor and Related Approaches to the Analysis of Objects Distributed Across Two-Dimensional Space [with R. Effland, J. Johnstone]. Computer Applications in Archaeology [8-9 January, 1977]. Birmingham, England.

The Arizona State University Nearest Neighbor Program: Documentation and Discussion [with R. Effland, J. Johnstone]. Computer Applications in Archaeology [8-9 January, 1977]. Birmingham, England.

A Perspective on Archaeological Research in Spain: Problems, Pitfalls and Prognosis for the Future. American Anthropological Association [29 November-4 December, 1977]. Houston, Texas.

**1978**

The La Riera Paleoecological Project [Asturias, Spain]: Aims and Preliminary Results [with L. Straus, J. Altuna, D. Young]. Society for American Archaeology [4-6 May, 1978]. Tucson, Arizona.

Prehistoric Resource Utilization in Early Holocene Cantabrian Spain: a Catchment Analysis of Asturian Sites [with S. Lerner]. American Anthropological Association [14-18 November, 1978]. Los Angeles, California.

Prehistoric Land Use During the Bronze and Iron Ages in Northern Burgos, Spain [with J. Francis]. American Anthropological Association [14-18 November, 1978]. Los Angeles, California.

**1979**

*Ramapithecus* – the Earliest Hominid? Lecture at Eisenhower College [21 February, 1979]. Seneca Falls, New York.

Paleoecology at La Riera Cave, Asturias, Spain [with L. Straus]. Society for American Archaeology [23-25 April, 1979]. Vancouver, British Columbia.

**1981**

Functionalism in Cantabrian Prehistory: Genesis of a New Paradigm. Society for American Archaeology [30 April-2 May, 1981]. San Diego, California.

The La Riera Paleoecological Project: Multidisciplinary International Research [with L. Straus]. Society for American Archaeology [30 April-2 May, 1981]. San Diego, California.

**1982**

Niche-width Variation in Late Pleistocene/Early Holocene Archaeofaunas from Cantabrian Spain [with S. Yi]. International Council for Archaeozoology, Fourth International Conference [19-23 April, 1982]. London, England.

Recent Excavations at La Riera Cave, Cantabria. Lecture in the Department of Archaeology, University of Cambridge [28 April, 1982]. Cambridge, England.

Niche-width Variation in Archaeofaunas from Cantabrian Spain: a Diachronic study. Lecture at the University of Arizona [25 October, 1982]. Tucson, Arizona.

**1983**

Resource Diversity in Cantabrian Archaeofaunas [with S. Yi]. Society for American Archaeology [27-30 April, 1983]. Pittsburgh, Pennsylvania.

On the 'Dyuktai Culture' and New World Origins [with S. Yi]. Society for American Archaeology [27-30 April, 1983]. Pittsburgh, Pennsylvania.

**1984**

From Mastaba to Pyramid: Old Kingdom Funeral Practices, Architecture and Cosmology in Ancient Egypt. Lecture to the Arizona Archaeological Society [12 April, 1984]. Phoenix, Arizona.

Grasshopper - an Historical Perspective. Lecture to the Arizona State University Archaeological Field School [21 June, 1984]. Payson, Arizona.

The Wadi el'Hasa Paleolithic Project. Lecture to The Friends of Archaeology [26 October, 1984]. Wadi el'Hasa, Jordan.

Hunter-gatherer Positioning Strategies and the el'Hasa Evidence. Lecture at the American Center of Oriental Research [20 November, 1984]. Amman, Jordan.

**1985**

Interassemblage Variability in the Mesolithic of Northern Spain. Third International Symposium on The Mesolithic in Europe [31 March-6 April, 1985]. Edinburgh, Scotland.

Prehistoric Hunter-gatherer Settlement in the Wadi Hasa, West-Central Jordan: a Diachronic Study [with J. Lindly, N. Coinman]. Society for American Archaeology [1-4 May, 1985]. Denver, Colorado.

Site Functional Complementarity in the Mesolithic of Northern Spain. Society for American Archaeology [1-4 May, 1985]. Denver, Colorado.

From the Mousterian to the Metal Ages: the Human Food Niche in Cantabrian Spain. Lecture in the Anthropology Lecture Series, University of California [25 November, 1985]. Santa Barbara, California.

The La Riera Paleoecological Project: a Multidisciplinary Research Design. Lecture at the Department of Anthropology, University of California [26 November, 1985]. Santa Barbara, California.

**1986**

The Wadi Hasa Paleolithic Project: Findings from the Middle Paleolithic to the Natufian. Third International Conference on the History and Archaeology of Jordan [7-14 April, 1986]. Tübingen, West Germany.  
The Wadi el'Hasa. Tübingen Workshop on the Early Prehistory of Jordan [12 April, 1986]. Tübingen, West Germany.

Status Differentiation in Western European Paleolithic and Mesolithic burials. Society for American Archaeology [23-26 April, 1986]. New Orleans, Louisiana.

Paleolithic Site Placement in the Wadi Hasa, West-Central Jordan. Annual Meetings of the American Schools of Oriental Research [22-25 November, 1986]. Atlanta, Georgia.

**1987**

Panel Discussion on the Entry of Hominids into the New World [with A. Jelinek]. Co-sponsored by the Museum of Northern Arizona and Northern Arizona University [11-12 March, 1987]. Flagstaff, Arizona.

The Case for Continuity: Observations on the Biocultural Transition in Europe and Western Asia [with J. Lindly]. The Origins and Dispersal of Modern Humans: Behavioral and Biological Perspectives. Symposium sponsored by Cambridge University, The British Museum & the Royal Anthropological Institute [22-26 March, 1987]. Cambridge, England.

Panel Discussion of Levantine Upper Paleolithic Systematics. The K'sar Akil Conference. Institute of Archaeology, University College London [27-28 March, 1987]. London, England.

Aspects of the Evolution of Modern Humans in Europe and West Asia. Lecture in the Anthropology Colloquium Series, University of Tulsa [23 April, 1987]. Tulsa, Oklahoma.

The Wadi Hasa Paleolithic Project. Lecture in the Department of Anthropology, University of Tulsa [24 April, 1987]. Tulsa, Oklahoma.

Aspects of Structure in a Late Pleistocene Occupation Site in West-Central Jordan [with N. Coinman]. Society for American Archaeology [6-10 May, 1987]. Toronto, Canada.

Lithic Analysis at La Riera Cave. Symposium on the Application of Analytical Techniques to Archaeological Data Sets. Summer Institute in Lithic Analysis, University of Tulsa [25-27 June, 1987]. Tulsa, Oklahoma.

Diachronic Patterns of Lithic and Faunal Variability at La Riera Cave (Asturias, Spain). Lecture in the Anthropology Colloquium Series, Seoul National University [12 October, 1987]. Seoul, Korea.

**1988**

La Riera Cave: Thirteen Thousand Years of Human Adaptation. Lecture in the Archaeology Program Colloquium Series, Cornell University [15 February, 1988]. Ithaca, New York.

Biases in Levantine Hunter-Gatherer Archaeology: a Personal View. Society for American Archaeology [27 April-1 May, 1988]. Phoenix, Arizona.

The Biocultural Transition and the Origin of Modern Humans in the Levant and Western Asia [with J. Lindly]. The Prehistory of the Levant, l'Université de Lyon/Centre National de la Recherche Scientifique [30 May-4 June, 1988]. Lyon, France.

**1989**

Modern Human Origins in the Levant and Western Asia. Graduate College Distinguished Research Award Lecture, Arizona State University [13 March, 1989]. Tempe, Arizona.

Continuity or Replacement? Middle and Upper Paleolithic Adaptations in the Levant [with J. Lindly, N. Coinman]. Society for American Archaeology [5-9 April, 1989]. Atlanta, Georgia.

Wadi Hasa Paleolithic Settlement Patterns: Ethnography-Based Transhumance Models Generalized and Tested. Fourth International Conference on the History and Archaeology of Jordan [30 May-4 June, 1989]. Lyon, France.

Continuity or Replacement? Middle and Upper Paleolithic Adaptations in the Levant. Lecture in the Anthropology Colloquium Series, University of Pennsylvania [22 September, 1989]. Philadelphia, Pennsylvania.

#### 1990

Modern Human Origins in the Levant and Western Asia: the Fossil and Archaeological Records. Lecture in the Seminar Series, Department of Anthropology, University of California [29 January, 1990]. Berkeley, California.

Major Issues in the Emergence of Modern Humans. Lecture in the Department of Anthropology, University of California [30 January, 1990]. Berkeley, California.

Continuity or Replacement? Putting Modern Human Origins in an Evolutionary Context. Lecture in the Anthropology Colloquium Series, Department of Anthropology, Stanford University [21 February, 1990]. Stanford, California.

Major Issues in the Emergence of Modern Humans: a Response to Paul Mellars. Lecture in the Department of Anthropology, Stanford University [22 February, 1990]. Stanford, California.

Measuring Social Complexity in the European Mesolithic [with M. Neeley]. Fourth International Symposium on The Mesolithic in Europe [17-23 September, 1990]. Leuven, Belgium.

#### 1991

The Modern Human Origins Controversy: Cultural and Biological Aspects. Lecture in the Department of Anthropology Lecture Series, University of Arizona [30 January, 1991]. Tucson, Arizona.

A Culture in Time: Causes and Consequences of the War in the Persian Gulf. Public Lecture in the workshop 'The Gulf War in Perspective: History, Context and Impact'. College of Law, Arizona State University [6 March, 1991]. Tempe, Arizona.

Continuity or Replacement? The Modern Human Origins Controversy. Lecture to the Arizona Archaeological Society [14 March, 1991]. Phoenix, Arizona.

The Human Food Niche in the Levant over the past 150 kyr [with M. Neeley]. Society for American Archaeology [24-28 April, 1991]. New Orleans, Louisiana.

Upper Pleistocene Cave Site Formation Processes in Europe and the Levant [with C. M. Barton]. Society for American Archaeology [24-28 April, 1991]. New Orleans, Louisiana.

Modern Human Origins. Lecture in the Department of Anthropology, Southern Methodist University [3 May, 1991]. Dallas, Texas.

Ragging the Radical Critique: Archaeology as Practically Anything other than Science. 47th International Congress of Americanists [7-11 July, 1991]. New Orleans, Louisiana.

La Migración como una No-explicación en la Arqueología Prehistorica. Seminario 'Economía y Aprovechamiento del Medio Ambiente en la Prehistoria de España y Portugal' [9-12 September, 1991]. Universidad de Cantabria, Laredo, Spain.

Modern Human Origins: Biocultural Picture, Evolutionary Frame. American Anthropological Association [20-24 November, 1991]. Chicago, Illinois.

#### 1992

Continuity or Replacement? Modern Human Origins Research in 1991. Lecture at the American Center of Oriental Research [29 March, 1992]. Amman, Jordan.

Modern Human Origins. Lecture at the Institute of Archaeology and Anthropology, Yarmouk University [11 April, 1992]. Irbid, Jordan.

Measuring Diversity in the Human Food Niche: Levantine Archaeofaunas from the Upper Pleistocene to the Middle Holocene [with M. Neeley]. Fifth International Conference on the History and Archaeology of Jordan [12-17 April, 1992]. Irbid, Jordan.

The Mousterian of west-central Jordan [with J. Lindly]. Presentation at the Workshop on the Mousterian of Western Asia, Social Science Interest Group, University of Tulsa [22-25 April, 1992]. Tulsa, Oklahoma.

Modern Human Origins. Lecture to the Tempe Rotary International [15 September, 1992]. Tempe, Arizona.

Aspectos Epistemológicos de la Interpretación del Registro Arqueológico Pleistoceno: el Papel del Paradigma Metafísico. Lecture in the Universidad Internacional Menéndez Pelayo symposium 'Transformaciones Culturales y Económicas durante el Tardiglaciario y el Inicio del Holoceno en el Ámbito Mediterráneo' [13-16 October, 1992]. Universidad de Valencia, Valencia, Spain.

### 1993

Modern Human Origins: Typological Picture, Evolutionary Frame. Lecture in 'The Debate over Modern Human Origins: a Scientific Tug-of-War.' Museum Exhibit and Lecture Series, Arizona State University [26 March, 1993]. Tempe, Arizona.

ASU Research Review: Modern Human Origins - a Scientific Tug-of-War. KAET TV (Channel 8), Arizona State University (show aired 21 April, 1993, at 7:30 p.m.). Tempe, Arizona.

Views of the Neandertals - their Relationship to Us. Lecture at the American Center of Oriental Research [22 July, 1993]. Amman, Jordan.

The Rise and Fall of Social Complexity in Late Pleistocene Europe: an Evolutionary Perspective [with C.M. Barton]. 26th Annual Chacmool Conference [11-14 November, 1993]. Archaeological Association and the Department of Anthropology, University of Calgary. Calgary, Alberta, Canada.

Transition Periods in Prehistory. American Schools of Oriental Research [19-22 November, 1993]. Washington, DC.

### 1994

Conceptual Issues Bearing on Modern Human Origins in the Levant and Western Asia [with C.M. Willermet]. Society for American Archaeology [20-24 April, 1994]. Anaheim, California.

The Iberian Mesolithic in the European Context. International Symposium 'El Mesolítico de la Fachada Atlántica' [6-10 July, 1994]. Fundación Botín y la Universidad de Cantabria. Santander, Spain.

The Evolution of Man. Lecture to the Tempe Business and Professional Men's Club [19 October, 1994]. Tempe, Arizona.

### 1995

Intraregional Variability in the Epipaleolithic of Atlantic Iberia. Society for American Archaeology [3-7 May, 1995]. Minneapolis, Minnesota.

A Selectionist Model for Information Exchange in Late Pleistocene/Early Holocene Europe [with C.M. Barton]. Society for American Archaeology [3-7 May, 1995]. Minneapolis, Minnesota.

WHS 1065 (Tor al-Tareeq): an Epipaleolithic Site in its Regional Context [with M. Neeley, J. Schuldenrein, J. Peterson]. Sixth International Conference on the History and Archaeology of Jordan [5-10 June, 1995]. Turin, Italy.

The Mesolithic of Atlantic Coastal Iberia: Recent Trends. Fifth International Congress on the Epipaleolithic and Mesolithic in Europe [18-23 September, 1995]. Grenoble, France.

The Iberian Mesolithic and the Transition to Domestication Economies: a View from the West. The Origin of Ceramics in East Asia and the Russian Far East [29 September-3 October, 1995]. Sendai, Japan.

### 1996

Bones of Contention: Conceptual Issues in Modern Human Origins Research. Lecture at Clare Hall, University of Cambridge [2 July, 1996]. Cambridge, England.

Issues in Modern Human Origins Research: an Open Forum. Lecture in the McDonald Institute for Archaeological Research, Department of Archaeology, University of Cambridge [17 July, 1996]. Cambridge, England.

Scientific Creationism vs. Evolution: the World Views of Religion and Science. Lecture at Holy Trinity Lutheran Church [22 September, 1996]. Chandler, Arizona.

Bones of Contention: Modern Human Origins Research in the Levant. Lecture to the Arizona State University Chapter of Sigma Xi [16 October, 1996]. Tempe, Arizona.

#### 1997

Modern Human Origins: an American Perspective on the Neandertal Legacy in Europe. Lecture in the Department of Anthropology, University of Nevada [20 March, 1997]. Las Vegas, Nevada.

The Fossil Evidence for Human Evolution. Lecture to Department of Anthropology, Prescott College [9 April, 1997]. Tempe, Arizona.

Race, Ethnicity, and Other Pernicious Vanities. Phi Beta Kappa Initiation Banquet Lecture, Arizona State University [17 April, 1997]. Tempe, Arizona.

Human Evolution: a Current View of Our Origins. Lecture to the Humanist Society of Greater Phoenix [8 June, 1997]. Scottsdale, Arizona.

Mesolithic Research in Atlantic Coastal Iberia. Third Annual Meeting, European Association of Archaeologists [24-28 September, 1997]. Ravenna, Italy.

Discussant: Human Evolution - H. G. Wells' 'The Time Machine' (MGM, 1960). ICPS/ASASU Classic Film Colloquia, Arizona State University [20 October, 1997]. Tempe, Arizona.

Imagining Neanderthals. Lecture to the Arizona Archaeological Society [11 December, 1997]. Phoenix, Arizona.

#### 1998

The Logic of Inference in Modern Human Origins Research. Lecture in the Stanford Archaeology Association Series, Department of Anthropology, Stanford University [30 January, 1998]. Stanford, California.

Imagining Neanderthals. Lecture in the Department of Anthropology, Stanford University [30 January, 1998]. Stanford, California.

Modern Human Origins Research: Some Conceptual Issues. Lecture sponsored by the Archaeological Research Facility and the Department of Anthropology, University of California [2 February, 1998]. Berkeley, California.

NAGPRA and the World Views of Religion and Science. Society for American Archaeology [25-29 March, 1998]. Seattle, Washington.

Plenary Lecture: The Paleolithic of Jordan in the Levantine Context [with M. Neeley]. Seventh International Conference on the History and Archaeology of Jordan [14-19 June, 1998]. Copenhagen, Denmark.

Jordan in the Context of the Levantine Paleolithic. Lecture at the American Center of Oriental Research [30 June, 1998]. Amman, Jordan.

Discussant: Evolutionary Psychology - 'Swingers' (Miramax Films, 1996). ICPS/ASASU Classic Film Colloquia, Arizona State University [17 September, 1998]. Tempe, Arizona.

Neandertal Archaeology - the Conceptual Framework. Lecture in the public symposium 'Being Neandertal: the Life and Times of Our Closest Relatives'. Institute for Human Origins, Arizona State University [3 October, 1998]. Tempe, Arizona.

Modern Human Origins: the Conceptual Issues. Lecture in the Sciences Enrichment Program, Center for Evolution, Ecology and Behavior, University of Kentucky [20 November, 1998]. Lexington, Kentucky.

The Archaeology of Human Ancestry. Lecture in the Sciences Enrichment Program, Center for Evolution, Ecology and Behavior, University of Kentucky [20 November, 1998]. Lexington, Kentucky.

Mentoring Anthropology Students. Lecture and discussion, Office of Co-Curricular Programs and Service, Arizona State University [8 December, 1998]. Tempe, Arizona.

#### 1999

Human Evolution. Lecture to the Kiwanis Clubs International, Biltmore Chapter [23 February, 1999]. Phoenix, Arizona.

Reductionism in Science, Biology, and Archaeology. Society for American Archaeology [24-28 March, 1999]. Chicago, Illinois.

The Conceptual Framework of the Early Upper Paleolithic. Society for American Archaeology [24-28 March, 1999]. Chicago, Illinois.

Modern Human Origins in the Levant. Lecture in the McDonald Institute for Archaeological Research, University of Cambridge [22 June, 1999]. Cambridge, England.

Creation Science vs. Evolution: the World Views of Religion and Science. Lecture to the Humanist Society of Greater Phoenix [8 August, 1999]. Mesa, Arizona.

Deconstructing Peckergate - the Evolution of Human Mating. Lecture in the Phoenix Public Library Series 'Global Ancestors' [27 September, 1999]. Phoenix, Arizona.

The Many Anxieties of American Archeology. American Anthropological Association [16-21 December, 1999]. Chicago, Illinois.

Deconstructing the North Atlantic Connection. Lecture in the public symposium 'Pioneers on the Land - How North America Got Its People', Department of Anthropology, Arizona State University [4 December, 1999]. Tempe, Arizona.

#### 2000

Evolution vs. Creationism. Video, lecture at OASIS (Older Adult Service and Information System), Metrocenter [28 February, 2000]. Phoenix, Arizona.

Modern Human Origins: a Global Controversy. Lecture in the 'Human Origins' Series, Pueblo Grande Museum [9 March, 2000]. Phoenix, Arizona.

Thirty Years of Mesolithic Research in Atlantic Coastal Iberia. Society for American Archaeology [5-9 April, 2000]. Philadelphia, Pennsylvania.

The Lower-to-Middle Paleolithic Shift in Europe: Continuity, Displacement, or Diffusion? American Association of Physical Anthropology [10-15 April, 2000]. San Antonio, Texas.

The Middle-Upper Paleolithic Transition in Western Asia. American Association of Physical Anthropology [10-15 April, 2000]. San Antonio, Texas.

Racism and Ethnic Conflict - Science and Education are the Only Answers. Lecture to the Humanist Society of Greater Phoenix [21 May, 2000]. Mesa, Arizona.

Modern Human Origins in the Levant and Western Asia. Lecture in the Faculty of Sciences, Tehran University [9 July, 2000]. Tehran, Iran.

Paleoanthropology - Modern Human Origins. The Science Channel (Channel 4), Iranian National Television (show aired 11 July, 2000 at 9:00 p.m.). Tehran, Iran.

Evolution vs. Creationism. Video, lecture at OASIS (Older Adult Service and Information System), Fashion Square [20 July, 2000]. Scottsdale, Arizona.

The Evolution of Human Mating. Spirit of the Senses Salon, On the Spot Theatre [10 August, 2000]. Phoenix, Arizona.

Poster: Liencres Revisited - the Significance of Spatial Patterning Revealed by Unconstrained Clustering [with K. Kintigh, C. Papalas]. Sixth International Symposium on the Mesolithic in Europe [4-8 September, 2000]. Stockholm, Sweden.

The Origins of Domestication Economies in the Levant and Western Asia. Lecture in the Center for Middle Eastern Studies, University of Bergen [8 September, 2000]. Bergen, Norway.

Looking for Neandertals in Iran [with D. Johanson]. Lecture in the Department of Anthropology, Arizona State University [21 September, 2000]. Tempe, Arizona.

Evolution vs Creation? Public forum sponsored by *The Sierra Vista Herald*, the University of Arizona South, and others [22 September, 2000]. Sierra Vista, Arizona.

NAGPRA and the Demon Haunted World. Lecture in the Department of Anthropology, University of Alaska [3 October, 2000]. Anchorage, Alaska.

Where is the Science in Creation Science? Lecture in the Department of Anthropology, University of Alaska [3 October, 2000]. Anchorage, Alaska.

Modern Human Origins. Lecture in the Department of Anthropology Colloquium Series, University of Alaska [6 October, 2000]. Anchorage, Alaska.

The Evolution of Human Mating. Lecture in the College of Arts and Sciences EXPO 2000 Series, University of Alaska [6 October, 2000]. Anchorage, Alaska.

Poster: Prehistoric Survey on the Karak Plateau, West-Central Jordan [with U. Schurmans]. American Anthropological Association [15-19 November, 2000]. San Francisco, California.

Public Forum: The Neandertal Issue - Focusing on Evidence. American Anthropological Association [15-19 November, 2000]. San Francisco, California.

Modern Human Origins Research: Putting Iberia in a Global Context. La Peninsula Ibérica y la Evolución Humana - Simposio Internacional en Honor del Prof. Phillip V. Tobias, Universidad de Murcia [6-10 December, 2000]. Murcia, Spain.

## 2001

Poster: Grave Markers: Burials and Chronotypology in Contemporary Paleolithic Research [with J. Riel-Salvatore]. Society for American Archaeology [18-22 April, 2001]. New Orleans, Louisiana.

Poster: Epipaleolithic Rockshelter Sites on the Kerak Plateau, Jordan: a Comparative Study [with U. Schurmans]. Society for American Archaeology [18-22 April, 2001]. New Orleans, Louisiana.

Causes and Consequences of Paradigmatic Bias in French and American Paleolithic Archaeology. XIV<sup>e</sup> Congrès de l'Union Internationale des Sciences Préhistoriques et Protohistoriques [2-8 September, 2001]. Liège, Belgium.

Neandertal Archaeology and Its Implications. Lecture co-sponsored by the Department of Sociology & Anthropology and the MONTS Speakers Program, Montana State University [2 November, 2001]. Bozeman, Montana.

The Evolution of Human Mating. Lecture co-sponsored by the Department of Sociology & Anthropology and the MONTS Speakers Program, Montana State University [2 November, 2001]. Bozeman, Montana.

## 2002

The Evolution of Human Mating. Lecture to the Humanist Society of Greater Phoenix [20 January, 2002]. Scottsdale, Arizona.

When Anatomy and Archaeology Do Not Coincide at the 'Transition' [with L. Straus]. American Association for the Advancement of Science [14-19 February, 2002]. Boston, Massachusetts.

The Past Meets the Future: 3D Modeling Technology and Lithic Analysis at Wadi Hasa Locality 623X [with J. Riel-Salvatore, others]. Paleoanthropology Society [19-20 March, 2002]. Denver, Colorado.

Neandertal Archaeology - Implications for Our Origins. Society for American Archaeology [20-24 March, 2002]. Denver, Colorado.

Creation vs Evolution in America - a Conflict of World Views. School of Historical Studies Seminar Series, University of Newcastle [19 September, 2002]. Newcastle-upon-Tyne, England.

A Review of Our Biological and Cultural Origins. School of Historical Studies Seminar Series, University of Newcastle [20 September, 2002]. Newcastle-upon-Tyne, England.

The Evolution of Human Mating. ASH Colloquium, Clare Hall, University of Cambridge [1 October, 2002]. Cambridge, England.

A Review of Our Biocultural Origins. The Garrod Lecture, sponsored by the McDonald Institute and the Department of Archaeology, University of Cambridge [8 October, 2002]. Cambridge, England.

Formal Convergence and Archaeology Without History. Lecture to the Pal-Meso Group, Department of Archaeology, University of Cambridge [9 October, 2002]. Cambridge, England.

The Evolution of Human Mating. Journeys of the Mind, President's Community Enrichment Programs [PCEP] [14 November, 2002]. Paradise Valley, Arizona.

### 2003

Human Origins – Recent Discoveries. Arizona Science Center [8 January, 2003]. Phoenix, Arizona.

Forum: Do Archaeologists Really Know What They Want from Relationships with Native Americans? Society for American Archaeology [9-14 April, 2003]. Milwaukee, Wisconsin.

What's in a Name? An Empirical Review of the Compositional Integrity of the West Eurasian Aurignacian [with J. Riel-Salvatore]. Paleoanthropology Society [22-23 April, 2003]. Tempe, Arizona.

Paradigmatic Issues on Modern Human Origins. Lecture in the College of Arts and Sciences, Seoul National University [20 May, 2003]. Seoul, Korea.

The La Riera Paleoecological Project. Lecture at the La Riera cave site [August 19, 2003]. Posada de Llanes, Spain.

A Preliminary Report on Excavations at the Middle-Upper Paleolithic Transitional Site of La Sopeña, eastern Asturias [with A. Pinto, A. Miller]. Coloquio Internacional 'En el Centenario de la Cueva de El Castillo: el Ocaso de los Neandertales' [18-20 September, 2003]. Santoña, Spain.

### 2004

Controversial Issues in Modern Human Origins Research. Lecture in the Institute of Archaeology, University of Oxford [11 February, 2004]. Oxford, England.

The Big Picture – Modern Human Origins in Evolutionary Context. Lecture to the Arizona Archaeological Society – Agua Fria Chapter [9 March, 2004]. Glendale, Arizona.

Poster: New Research on the Paleolithic of Luristan, west-central Iran [with H. Vahdati Nasab, others]. American Association of Physical Anthropology [14-17 April, 2004]. Tampa, Florida.

The Middle-to-Upper Paleolithic Transition in Sopeña (Asturias, Spain) [with A. Pinto, A. Miller] Lecture in the Department of Anthropology, Arizona State University [23 April, 2004]. Tempe, Arizona.

Geoarchaeological Perspectives on Prehistoric Settlement in the Wadi el-Hasa [with J. Schuldenrein]. INQUA Eastern Mediterranean-Near Eastern Geoarchaeology Meeting [22-23 May, 2004]. Tübingen, Germany.

Forum: The History and Politics of ASU Funding, 1980-2003. The Cognoscenti (ASU Retired Faculty Organization) [7 September, 2004]. Mesa, Arizona.

Sopeña - un Nuevo Yacimiento de Paleolítico Medio y Superior Inicial en el Norte de la Península Ibérica [with A. Pinto, A. Miller]. IV Congreso de Arqueología Peninsular [14-19 September, 2004]. Faro, Portugal.

Controversial Issues in Modern Human Origins Research. Lecture in Anthropology Colloquium Series, Department of Anthropology, University of Nevada [7 October, 2004]. Las Vegas, Nevada.

Modern Human Origins in the Levant and Western Asia. Lecture in Anthropology Colloquium Series, Department of Anthropology, University of Nevada [8 October, 2004]. Las Vegas, Nevada.

3-Dimensional Study of Midfacial Prognathism in Neanderthals [with H. Vahdati Nasab, others]. Canadian Anthropological Association [26-27 October, 2004]. London, Canada.

Human Origins in Light of Recent Discoveries. Lecture to the Central Arizona Chapter – Archaeological Institute of America [8 November, 2004]. Tempe, Arizona.

Human Origins in Light of Recent Discoveries. Lecture to the Phoenix Chapter – Arizona Archaeological Society [9 December, 2004]. Phoenix, Arizona.

#### 2005

The Current State of Archaeological Spatial Data in the Levant [with S. Savage, M. al-Nahar]. NSF Workshop: Landscape and Landuse Socioecology in the Mediterranean Basin. International Institute for Sustainability, Arizona State University [3-5 March, 2005]. Tempe, Arizona.

What's in a Name 2? More on the Compositional Integrity of the Aurignacian [with J. Riel-Salvatore]. Society for American Archaeology [30 March-3 April, 2005]. Salt Lake City, Utah.

Neandertals and Cro-Magnons in Northern Spain: Ongoing Work at the Sopena Rockshelter [with A. Pinto, A. Miller, K. Reed]. Society for American Archaeology [30 March-3 April, 2005]. Salt Lake City, Utah.

Introducing a New Three-Dimensional Technique (Curve Matching) to Study the Midfacial Region of European Mid-Upper Pleistocene Hominids [with H. Vahdati Nasab, others]. American Association of Physical Anthropology [7-10 April, 2005]. Milwaukee, Wisconsin.

### GRANTS, FELLOWSHIPS & SCHOLARSHIPS <sup>1</sup>.

State of Arizona Representative: Rhodes Scholarship Competition: 1965 [Elihu Root Scholarship in Jurisprudence, Columbia University] [declined, c. \$10 k].

National Science Foundation Graduate Fellowship: 1966/71; held at University of Arizona [1966/7] and at University of Chicago [1967/71] [c. \$40 k].

Woodrow Wilson Scholarship: 1966/7 [Honorary, declined, c. \$10 k].

University of Arizona Graduate Fellowship: 1966/7 [c. \$3.5 k].

University of Pennsylvania Graduate Fellowship: 1966/7, 1967/8 [declined, c. \$10 k].

Ford Foundation Travel Grant [Drs. Braidwood, Freeman]: travel to and from France, Spain, Turkey: 1968/9 [c. \$1.5 k].

National Science Foundation Dissertation Aid Grant No. GS-3169, University of Chicago: Radiocarbon Determinations from Asturian Sites: 1971 [c. \$1 k].

Arizona State University Faculty Grant-in-Aid: A Survey of Archaeological Sites in the Cantabrian Mountains, Burgos, Spain [No. 7805-806-15-8] Rank: 2/191: 1972 [c. \$3 k].

Wenner-Gren Foundation for Anthropological Research Grant No. 2880: A Survey of Archaeological Sites in the Cantabrian Mountains, Burgos, Spain: 1972 [c. \$2.7 k].

National Park Service Grant No. D52-PX810030090/X-H2210: Williams Air Force Base School Site, A Report on Test Excavations, WAFB, Chandler, Arizona: 1973 [\$1.1 k].

National Science Foundation Dissertation Aid Grant No. GS-42278 [S. and R. Burton], Arizona State University: Analysis of Lithic Materials, Cave Deposits from Chalcatzingo, Morelos, Mexico: 1974/5 [\$6.5 k].

Arizona State University Faculty Grant-in-Aid: The Upper Paleolithic Occupations at the cave site of La Riera, Asturias, Spain [No. 98-124-4]: 1975 [c. \$3.5 k].

National Science Foundation Research Grant No. BNS76-08382: Paleoecology at La Riera: Late Pleistocene Hunter/Gatherer Adaptations in Cantabrian Spain: 1976/81 [\$69.3 k].

Arizona State University Research Assistantship Award: *Arizona State University Anthropological Research Papers* [to fund a graduate assistant to help with the administration of ARP]: 1977 [\$2.5 k].

Arizona State University, Department of Anthropology Research Incentive Fund: *Arizona State University Anthropological Research Papers* [award to augment ARP operations]: 1979/80 [\$3.5 k].

Arizona State University, Provost's Research Fund: *Arizona State University Anthropological Research Papers* [award to travel to St. Kitts, West Indies, to attend the 8th International Congress of Caribbean Archaeology to negotiate with the Congress Executive Board for rights to publish the Congress Proceedings in ARP]: 1979 [c. \$2.5 k].

Arizona State University, Research Support Budget: *Arizona State University Anthropological Research Papers* [to fund an Editorial Research Assistant]: 1981/2 [\$2.5 k].

National Science Foundation Travel Grant: Fourth International Archaeozoology Conference, University College London: April, 1982 [\$850].

National Science Foundation Dissertation Aid Grant No. BNS-8118071 [N. Ackerly], Arizona State University: Archaic Adaptive Strategies in the Middle Gila River Basin of Central Arizona: 1982/4 [c. \$9.8 k].

L.S.B. Leakey Foundation Dissertation Aid Grant [S.Yi]: Potential Lower Paleolithic Loci in Korea: 1983/4 [c. \$10 k].

1. For most of my career I did not record specific amounts of grants, considering it tacky to do so. As of 2003, however, I have been 'encouraged' by ASU's administration to provide this information. Except for major grants, amounts before c. 1985 are estimates.

Social Science Research Council, International Doctoral Research Fellowship Program [Sponsor: S.Yi]: Research on Potential Lower Paleolithic Industries in Korea: 1983/6 [\$20 k].

Foundation for Research into the Origin of Man [S.Yi]: Potential Lower Paleolithic Industries in Korea: 1983/4 [c. \$5 k].

Arizona State University, Research Support Budget: Support for a dig cook, assistant; Wadi el'Hasa Project, west-central Jordan: 1984 [c. \$2.3 k].

National Science Foundation Research Grant No. BNS-8405601: Surface Collection and Testing of Upper Paleolithic Sites in the Wadi el'Hasa, west-central Jordan: 1984/7 [\$62.9 k].

National Geographic Society Research Grant No. 2914-84: Tandem Accelerator Dates for Paleolithic Sites in the Wadi el'Hasa, west-central Jordan: 1985/7 [\$5.1 k].

Arizona State University, College of Liberal Arts and Sciences: Subvention to underwrite partial publication costs of *La Riera Cave – Stone Age Hunter-Gatherer Adaptations in Northern Spain* [L. Straus & G. Clark, eds.], to be published in the *Arizona State University Anthropological Research Papers*: 1986 [\$5 k].

Arizona State University, Research and Development Committee [Anthropology]: Research Assistantship for data entry and computer graphics of Wadi Hasa Paleolithic Project surface collections [N. Coinman]: 1986 [c. \$3.5 k].

Arizona State University, Research and Development Committee [Anthropology]: Research Assistantship for metrical studies, edge damage and microwear analysis of Wadi Hasa Middle and Upper Paleolithic stone tool assemblages [J. Lindly]: 1986 [c. \$3.5 k].

National Science Foundation Research Grant No. BNS-8606658: Partial Publication Costs: *La Riera Cave - Stone Age Hunter-Gatherer Adaptations in Northern Spain*: 1986 [\$18 k].

Arizona State University Graduate College Research Assistantship [N. Coinman]: Wadi Hasa Paleolithic Project: 1986/7 [\$12 k].

Arizona State University Graduate College Research Assistantship [J. Lindly]: Wadi Hasa Paleolithic Project: 1987/8 [\$12 k].

L.S.B. Leakey Foundation: Travel grant to underwrite partial travel expenses to 'The Origins and Dispersal of Modern Humans: Behavioural and Biological Perspectives,' a symposium sponsored by the University of Cambridge, the British Museum and the Royal Anthropological Institute: 1987 [\$1.5 k].

Arizona State University, Research and Development Committee [Anthropology]: Research Assistantship for analysis of WHS Sites 618, 784X [N. Coinman]: 1989 [c. \$5 k].

National Science Foundation Dissertation Aid Grant No. BNS-8921863 [J. Lindly], Arizona State University: Technological Organization and Variability in the Middle Paleolithic of Southwest Asia: 1990/1 [\$9.1 k].

National Science Foundation Research Grant No. BNS-9013972: Biocultural Origins of Modern Humans I: Middle Paleolithic Adaptations: 1990/2 [\$66.1 k].

Arizona State University Research Vice-President's Office Grant No. 90-0729: The Wadi Hasa Paleolithic Project North Bank Archaeological Survey: 1991/2 [\$39.1 k].

Spanish Ministry of Education and Science Grant No. SAB 91-0247: Visiting Professorship, Department of Prehistory and Archaeology, University of Cantabria, Santander, Spain: June-September, 1991 [\$12.5 k].

Arizona State University, Research and Development Committee [Anthropology]: Research Assistantship for analysis of WHS Sites 634, 621 [J. Potter]: 1991 [\$2.9 k].

- Arizona State University Graduate College Research Assistantship [J. Peterson]: Wadi Hasa Paleolithic Project: 1992/3 [\$15 k].
- National Science Foundation Research Grant No. DBS-9013972-02 [Supplement]: Biocultural Origins of Modern Humans I: Middle Paleolithic Adaptations: 1992/4 [\$12.1 k].
- National Science Foundation Dissertation Aid Grant No. DBS-9302853 [J. Peterson], Arizona State University: Tracking Organizational Changes in Gender Roles across the Transition to Domestication Economies: 1993/4 [\$9 k].
- National Science Foundation Dissertation Aid Grant No. SBR-9406034 [M. Neeley], Arizona State University: Assigning Meaning to Lithic Variability in the Epipaleolithic of the Southern Levant: 1994/5 [\$4.6 k].
- Wenner-Gren Foundation for Anthropological Research Predoctoral Grant No. 95-0141 [A. Usman], Arizona State University: Sociopolitical Evolution of Periphery Settlements in North-Central Yorubaland: an Ethnoarchaeological Approach: 1994/5 [\$11.8 k].
- Arizona State University, Research and Development Committee [Anthropology]: Research Assistantship for editing *Conceptual Issues in Modern Human Origins Research* [C. Willermet]: 1995 [c. \$7.5 k].
- Arizona State University Graduate College Research Assistantship [M. Neeley]: The Epipaleolithic of the Southern Levant: 1995/6 [\$15 k].
- Arizona State University, Research and Development Committee [Anthropology]: Research Assistantship for Wadi Hasa North Bank Survey [C. Papalas]: 1996 [\$3.5 k].
- Arizona State University, Research and Development Committee [Anthropology]: REU Research Assistantship for analysis of WHS Sites 634, 1065 [J. Fox]: 1996 [\$1.5 k].
- Arizona State University Research Vice-Provost's Office Grant No. 00-0729: Survey for Middle Paleolithic Sites in Iranian Luristan: 2000 [\$5.4 k].
- Arizona State University College of Liberal Arts and Sciences Multi-Investigator Proposal Development Grant: Long-Term Dynamics of Anthro-ecosystems in the Mediterranean Basin: a Natural Laboratory for the Human Role in Biocomplexity [co-PI with C. M. Barton, S. Falconer, P. Fall]: 2001 [\$15 k].
- Hayward Fund, ASU Foundation - grant to support a book project on modern human origins; Clare Hall, University of Cambridge: 2002 [\$40 k].
- National Science Foundation Biocomplexity Grant No. BCS-0410269: Landuse and Landscape Socioecology in the Mediterranean Basin: a Natural Laboratory for the Study of the Long-Term Interaction of Human and Natural Systems [with C. M. Barton, others]: 2004/9 [\$1.5 m].
- National Geographic Society Grant No. 7788-05: From Neandertals to Modern Humans at Sopeña Rockshelter [with A. Pinto]: 2005 [\$19.5 k].
- National Science Foundation Dissertation Aid Grant No. BCS-0526070 [C. Papalas], Arizona State University: Metal Production on the Early Bronze Age Hungarian Plain: 2005/6 [\$11.3 k].
- National Science Foundation Dissertation Aid Grant No. BCS-0526073 [J. Riel-Salvatore], Arizona State University: The Uluzzian and the Middle-Upper Paleolithic Transition in the Italian *Mezzogiorno*: 2005/6 [\$12 k].
- National Science Foundation Grant No. BE/CNH 0543848: REU Supplement to 'Land Use and Landscape Socioecology in the Mediterranean Basin [with C. Barton, H. Sarjoughian]: 2005/6 [\$12 k].
- L. S. B. Leakey Foundation Dissertation Aid Grant [J. Riel-Salvatore]: The Uluzzian and the Evolutionary Fate of Neandertals in Italy: 2005/6 [\$4.3 k].
- Social Sciences and Humanities Research Council of Canada Grant No. 410-2005-0991: The 'Ayl to Ras en'Naqb Archaeological Survey, Southern Jordan [with B. MacDonald, others]: 2005/7 [Canadian \$ 103 k].

## FIELD & LABORATORY EXPERIENCE

Arizona State Museum, Tucson, Arizona: display work and technical illustration, cataloging procedures; supervisor R.H. Thompson [Arizona]: 11/64-5/65.

University of Arizona Archaeological Field School [Grasshopper - Pueblo IV site], EC Arizona: training in field and laboratory procedures, SW archaeology; supervisor R.H. Thompson [Arizona]; sponsoring agency National Science Foundation: summer 1964.

Snaketown Project [Hohokam site], Tucson, Arizona: technical illustration, ceramic reconstruction [cf. *National Geographic*, 1967: reconstructions are my work]; supervisor Emil Haury [Arizona]; sponsoring agency National Science Foundation: 6/65-1/66.

University of Arizona Archaeological Field School [Grasshopper - Pueblo IV site], EC Arizona: supervision, assistant dig foreman, laboratory technician; supervisor W.A. Longacre [Arizona]; sponsoring agency National Science Foundation: summer 1966.

Spanish mission sites [San Xavier del Bac, Guevavi], Tucson and SC Arizona: excavation, mapping; supervisors B. Fontana, W. Robinson [Arizona]; sponsoring agencies Arizona State Museum, Arizona Archaeological and Historical Society: part-time 1964/7.

Jarmo Project [early village farming site, Iraq], Chicago, Illinois: technical illustration; supervisor R.J. Braidwood [Chicago]; sponsoring agencies National Science Foundation, Oriental Institute [University of Chicago]: 9/67-1/68.

Solvieux Project [Magdalenian open site], Dordogne, France: excavation, use of surveying instruments, geological mapping and interpretation; supervisor J.R. Sackett [UCLA]; sponsoring agency National Science Foundation: 6/68-7/68.

Cueva Morín Project [Middle, Upper Paleolithic cave site] Santander, Spain: excavation, mapping, recording; supervisor L.G. Freeman [Chicago]; sponsoring agencies National Science Foundation, Ford Foundation: 7/68-9/68, 8/69.

Çayönü Tepesi Project [early village farming site] Diyarbakir, Turkey: supervision, dig foreman, mapping and surveying, surface collection, recording; supervisors R.J. Braidwood [Chicago], H. Çambel [Istanbul]; sponsoring agencies National Science Foundation, Ford Foundation, University of Istanbul: 9/68-12/68.

Liençres Project [Mesolithic open site] Santander, Spain: supervision, recording, surface collection, excavation, artifact classification, technical illustration, statistical and spatial analysis; sponsoring agency National Science Foundation: 2/69-3/69, 5/69-7/69, 8/72.

Asturian Project [four Mesolithic cave sites] Asturias, Spain: supervision, recording, excavation, classification, technical illustration, statistical analysis; radiocarbon, pollen and sediment sampling; sponsoring agency National Science Foundation: 6/69-7/69.

North Burgos Archaeological Survey [Bronze and Iron Age cave and open sites] Burgos, Spain: supervision of extensive, intensive site survey, systematic surface sampling [transects], artifact classification; sponsoring agencies Wenner-Gren Foundation for Anthropological Research, Arizona State University: summer 1972.

Paleoecology at La Riera [Upper Paleolithic, Mesolithic cave site] Asturias, Spain: test of models for subsistence, paleoclimatic change and seasonality of occupation of the site over 13,000 year period [Upper Solutrean/ Asturian]; sponsoring agencies National Science Foundation, Arizona State University: summer 1976/80.

Wadi el'Hasa Project [Upper Paleolithic, open sites], WC Jordan: analysis of large Upper Paleolithic artifact collections [ACOR, Amman], geomorphological mapping of Pleistocene lake deposits [Kerak District, WC Jordan], site visits; sponsoring agency Arizona State University: 5/83-6/83.

La Mixtequilla Project [Pre-Classic, Classic Period sites] Edo. Veracruz, EC Mexico: surface collection, site mapping, analysis of ceramic and lithic data; supervisor B. L. Stark [Arizona State]; sponsoring agencies National Geographic Society, National Science Foundation: 5/84-6/84, 6/85, 6/86, 6/87.

Wadi el'Hasa Project [middle, upper and epipaleolithic open sites] WC Jordan: surface collection, excavation of Site Nos. 1065, 618, 621, 623X, 634, 784X; analysis of natural science data, surface distribution studies [Kerak District, WC Jordan]; sponsoring agencies National Science Foundation, National Geographic Society: 9/84-12/87.

Northeast Araba Archaeological Survey [all time ranges] WC Jordan: survey, surface collection of middle, upper and epipaleolithic open sites; survey design for later time ranges; director B. MacDonald [St. Francis Xavier University]; sponsoring agencies Canada Council, ASOR: 10/86-12/86.

Akrotiri-Aetokremnos (Site E) Archaeological Project [Epipaleolithic, early Neolithic] S Cyprus: excavation, analysis of lithic, faunal material; director Alan H. Simmons [University of Nevada, Reno]; sponsoring agencies National Geographic Society, CAARI: 9/88.

Cueva La Fragua [Mesolithic-Neolithic cave site] Santoña [Cantabria], N Spain: excavation, drafting; director M. R. González Morales [Universidad de Cantabria]; sponsoring agency Gobierno Autónoma de Cantabria: 6/91-7/91.

Wadi el'Hasa North Bank Survey [all time periods] WC Jordan: comprehensive survey, surface collection of the north bank of the Wadi Hasa from its eastern end at the Qa el'Jinz to as-Safi, Dead Sea depression [Kerak District, WC Jordan]; sponsoring agencies Research Vice-President's Office, Arizona State University; National Science Foundation, Chase Bank of Arizona: 1/92-4/92, 6/93-8/93.

Wadi el'Hasa Project [Middle Paleolithic, Epipaleolithic sites] WC Jordan: excavations at WHS Site Nos. 634 [middle paleolithic], 1065 [epipaleolithic], 784 [epipaleolithic, upper paleolithic]; sponsoring agencies National Science Foundation, Chase Bank of Arizona: 1/92-4/92, 6/93-8/93, 6/98.

Santa Catarina Sambaquis Project [Archaic shell midden sites] SE Brazil: survey, excavation; directors P. R. Fish, S. Fish [University of Arizona] and M. D. Gaspar [Federal University of Rio de Janeiro]; sponsoring agencies Wenner-Gren Foundation, Heinz Foundation, Arizona State Museum: 7/97.

Tafila-Busayra Archaeological Survey [all time periods] WC Jordan: comprehensive survey, surface collection of a 5-7 km band south of the Tafila-Jurf ed-Darawish road [Kerak District]; director, B. MacDonald [St. Francis Xavier University]; sponsoring agency Social Sciences and Humanities Research Council of Canada (SSHRC): 5/99-7/99, 5/00-7/00.

Middle Paleolithic Sites in Luristan, NW Iran: survey for Middle Paleolithic cave and rockshelter sites [Luristan Province]; G. Clark, D. Johanson, H. Vahdatinasab [Tehran University]; sponsoring agencies Department of Anthropology, College of Liberal Arts and Sciences, Research Vice-Provost's Office [all ASU]; Faculty of Sciences [Tehran University]: 7/00.

La Sopeña Project [Middle, Upper Paleolithic cave site] E Asturias, Spain: horizontal excavation, analysis of lithic materials, illustration; sponsoring agencies National Geographic Society, Arizona State University, Concejo de Bènia de Onís; director, Ana Pinto, Institute of Human Origins (IHO): 8-9/03, 8-9/04, 10/05.

The 'Ayl to Ras en'Naqb Archaeological Survey [paleolithic sites] SW Jordan: GPS plotting of paleolithic sites in relation to Pleistocene lakes; director, B. MacDonald [St. Francis Xavier University]; sponsoring agency Social Sciences and Humanities Research Council of Canada (SSHRC): 6-7/05.

## MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Arizona Archaeological and Historical Society: 1964/99

Society for American Archaeology: 1966 -

Archaeological Institute of America: 1965/69, 2003/05

American Anthropological Association: 1967 [member]; 1971 [fellow] -

American Association for the Advancement of Science: 1966 [member]; 1971 [fellow] -

Sigma Xi, The Scientific Research Society of North America: 1972 -

*Current Anthropology*: 1965 [student member]; 1971 [associate] -

Arizona Academy of Science: 1972/79

Royal Anthropological Institute [Great Britain]: 1973 [fellow]/2002

Instituto de Estudios Asturianos [Spain]: 1972/95

South African Archaeological Society: 1975 -

Sociedad de Ciencias Naturales 'Aranzadi' [Spain]: 1977/95

Arizona Archaeological Society: 1978/85

Society for Archaeological Sciences: 1979 [member]; 1992 [life member]

American Association for University Professors: 1979/81

The Prehistoric Society [Great Britain]: 1980 -

American Schools of Oriental Research: 1983/00

Friends of Archaeology [Jordan]: 1989 -

Paleoanthropology Society: 1992 -

*Behavioural and Brain Sciences*: 1997 [associate] -

Institute of Human Origins [IHO]: 1997 -

Society for the Study of Human Biology: 2001/02

National Center for Science Education: 2001 -

The Arizona Arts, Sciences & Technology Academy [AASTA]: 2004 -

**COURSES TAUGHT  
AT ARIZONA STATE UNIVERSITY**

ASB 101: ORIGIN AND DEVELOPMENT OF MAN AND CULTURE. Undergraduate introduction to human evolution, archaeology, physical anthropology. [3 credits].

ASB 331/361: OLD WORLD PREHISTORY I. Undergraduate survey of human biosocial development in the Pleistocene. [3 credits].

ASB 332/362: OLD WORLD PREHISTORY II. Undergraduate survey of the transition from foraging and collecting to domestication economies. [3 credits].

ASB 333/363: OLD WORLD PREHISTORY III. Undergraduate survey of the origins of the state in the Near East. [3 credits].

ASM 465: QUANTITATIVE METHODS I. Survey of statistical methods for description and analysis of anthropological data (undergraduate or graduate credit available). [3 credits].

ASB 541: METHOD AND THEORY IN ARCHAEOLOGY I. Graduate seminar. Historical development, theoretical basis and intellectual justification for archaeology. [3 credits].

ASB 542: METHOD AND THEORY IN ARCHAEOLOGY II. Graduate seminar [with K. Spielmann, C. Carr, M. Nelson]. 10-12 modular units on topics related to the archaeological investigation of small-scale societies. [3 credits].

ASB 546: PLEISTOCENE PREHISTORY. Graduate seminar. 10-12 modular units emphasizing human biocultural evolution, technological change and paleoecology; Old World/Pleistocene. [3 credits].

ASB 547: RISE OF URBAN LIFE. Graduate seminar. Old World transition to domestication economies, rise of the state. [3 credits].

ASB 563: HUNTER-GATHERER ADAPTATIONS. Graduate seminar [with K. Spielmann]. Archaeological and ethnographic perspectives on hunter-gatherer subsistence, social organization, mobility strategies using case studies. [3 credits].

ASB 580: PRACTICUM. Graduate participation in archaeological field projects in Spain, France, Cyprus, Ireland, Jordan. [2-8 credits].

ASB 591: PALEOECOLOGY OF HUNTER-GATHERERS. Graduate seminar. Different conceptions of hunter-gatherer paleoecological research using a case study approach. [3 credits].

ASB 591: MODERN HUMAN ORIGINS. Graduate seminar. Epistemological aspects of the 'continuity' and 'replacement' paradigms in molecular biology, human paleontology and paleolithic archaeology. [3 credits].

ASB 591: RESEARCH DESIGN AND GRANT PROPOSAL WRITING. Graduate seminar [with J. Chance]. How to structure a proposal, different kinds of proposals, tailoring proposals to funding agency requirements, reasons for rejection. [3 credits].

ASB 591: EARLY HOMINID SOCIALITY. Graduate seminar. Using a behavioral cladistics approach, identifies aspects of hominoid socioecology to develop and test models of early hominid social organization. [3 credits].

ASB 591: BIOLOGICAL BASIS FOR HUMAN BEHAVIOR. Graduate seminar. Explores post-1985 research in cognitive neuroscience, behavioral genetics and evolutionary psychology as a reaction to behaviorism. [3 credits].

ASM 592: RESEARCH TECHNIQUES [SCIENTIFIC ILLUSTRATION]. Graduate mini-course [5 weeks]. Survey of methods of scientific illustration for publication. [1 credit].