

Carl Philipp Lipo

Associate Professor
Department of Anthropology / Archaeology Program
1250 Bellflower Blvd.
California State University Long Beach
Long Beach, California 90840

Phone: 562-985-2393 Fax: 562-985-4379

Email: clipo@csulb.edu Web: <http://www.lipolab.org> Blog: <http://www.evobeach.com>

EDUCATION

- 2000 Ph.D., Department of Anthropology, University of Washington, Seattle
Thesis: *Science, Style, and the Study of Community Structure: An Example from the Central Mississippi River Valley.*
Committee: Robert C. Dunnell (chair), Robert J. Wenke, James K. Feathers, Terry L. Hunt (U. Hawai'i)
- 1989 M.A., Department of Anthropology, University of Wisconsin, Madison
Advisor: J. Mark Kenoyer
- 1987 B.S. (with Distinction), Department of Anthropology, University of Wisconsin, Madison

RESEARCH INTERESTS

The Mississippi River Valley and Eastern North American Archaeology
Evolutionary theory and archaeology (including evolutionary ecology)
Agent-based modeling and simulation
Cultural transmission and the study of cultural variability
Ceramics (stylistic and functional analyses)
Oceania Prehistory
Rapa Nui (Easter Island)
Origins of complex societies
GIS, geophysical research and remote sensing
Prehistory technology
Chronometric methods (i.e., luminescence dating, rehydroxylation dating)

POSITIONS

Co-Director, Rapa Nui Field School	2002 to Present	CSULB and UH, with T. L. Hunt
Associate Professor	2006 to Present	California State University Long Beach, Department of Anthropology
Assistant Professor	2002-2006	California State University Long Beach, Department of Anthropology
Research Associate	2005 to Present	Cotsen Institute of Archaeology, University of California, Los Angeles.
Co-Founder and Research Scientist	2003 to Present	IIRMES – Institute for Integrated Research on Materials, Environments and Society, California State University Long Beach. (http://iirmes.org)
Co-Founder	2003 to Present	PISCES, Pinpoint Institute for Scientific Cultural Evolution Studies.
Associate Editor	2007 to Present	<i>Geoarchaeology</i> .

TEACHING

- August 2002 to Present California State University at Long Beach, Department of Anthropology
Associate Professor
ANTH 140: Introduction to Archaeology
ANTH 450: Archaeological Field Methods
ANTH 401: Foundations of Anthropology
ANTH 451/551: Archaeological Artifact Analyses
ANTH 455/555: Archaeological Method and Theory I: Formal Theory
ANTH 456/556: Archaeological Method and Theory II: Explanatory Theory
ANTH 453/553: Archaeological Field Research Design
ANTH 471/571: The Archaeology of Eastern North America
ANTH 561: Computer Research Applications in Anthropology
UNIV 301I: Science, Myths and the Science of Origins
(co-taught with Rick Behl, Geology)
CSULB Archaeological Field School, Easter Island, Chile
3-Day Course in Techniques in Near-Surface Geophysics
3-Day Course in Advanced Techniques in Near-Surface Geophysics
- October 1997 to August 1998 University of Washington; Department of Anthropology
Instructor. Archaeology 299/499: Archaeological Laboratory Techniques.
- June 1997 to August 1997 University of Washington; Department of Anthropology
Instructor. Archaeology 105: World Prehistory.

ACADEMIC DEVELOPMENT

CLA Student Research Showcase

Working with colleagues in the College of Liberal Arts (CLA), I led the establishment of a CLA Student Research Showcase. This event occurs at the end of spring semester and consists of posters produced by students as part of their coursework and thesis research. Awards are given for the best 3 posters. In its first year (2007), the Showcase featured 70 posters. In 2008, the number of participants grew to 150 and included most Departments in the College of Liberal Arts.

New Courses Created/Overhauled At CSULB

ANTH 140: Introduction to Archaeology
ANTH 301: Principles of Archaeology
ANTH 311I: The Human Adventure
ANTH 471/571: Eastern North American Prehistory
ANTH 451/551: Archaeological Artifact Analyses
ANTH 450/550: Archaeological Field School
ANTH 455/555: Archaeological Method and Theory I (Formal Theory)
ANTH 456/555: Archaeological Method and Theory II (Explanatory Theory)
ANTH 453/553: Archaeological Field Research Design
ANTH 488/588: Advanced Techniques in Near Surface Remote Sensing (with Larson)
ANTH 464/564: Quantitative Methods in Archaeological Analyses
ANTH 486/486: Geoarchaeology
ANTH 489: Advanced Archaeological Analyses: Research Practicum
ANTH 487/587: Cultural Resource Management

Committees Served

- CLA College Technology Committee (2006-present)

- Department of Anthropology Graduate Committee (2002-2006), Public Relations Committee (2002-2006), Resources Committee (2002-2006), Grade Appeals Committee (2002-2006).
- CLA PARC Committee: Internal Review of the Department of Geography, CSULB (Fall 2007)

Laboratories

- With colleagues from Anthropology, Geology and Biology, I helped to propose, create and formally establish IIRMES, the Institute for Integrated Research on Materials, Environments and Society. This collaborative center is funded by two colleges and provides laboratory space and infrastructure to researchers. The lab was recently refitted after a \$850K construction project. More information at <http://www.iirmes.org/>
- In 2003, I established the CSULB Luminescence Dating Laboratory within IIRMES. This lab conducts routine luminescence dating of ceramics and fine-grained sediments and employs 4 students on a part-time basis. We have generated dates on materials from southern California, to Tennessee to Mongolia. The lab supports students and research projects.

GRANTS AND FUNDING

- 2009 NSF Research Experience for Undergraduates (REU). Mapping the Prehistoric Landscape of Rapa Nui, Chile. Co-PI with Chris Lee and Suzanne Wechsler (CSULB, Geography). 3 years, \$400,000.
- 2009 NSF MRI R² Grant: The Development of a Low-Cost and High-Throughput Dating System for Prehistoric Ceramics. PI. Start date 1/1/2010. \$310,000.
- 2008 NSF Archaeometry -- Solid-Sample Inorganic Analysis Facilities for Archaeological Research at IIRMES, CSULB. Co-PI with Hector Neff (CSULB). The proposal provides support for visiting scholars and researchers to work with CSULB faculty on analyses using IIRMES analytic equipment. NSF Award #: 0917702. \$298,000.
- 2008 2008-2009 Enhancing Educational Effectiveness Through Technology Award. Acquisition of a large high resolution monitor for instruction in geospatial applications. \$2,500.
- 2008 Dating Prehistoric Stone Architecture using Optically Stimulated Luminescence, CSULB Scholarly and Creative Activities Award. Acquisition of a highly sensitive CCD camera for resolving luminescence signals. \$5,000.
- 2007 Statue Chronology and Variability on Easter Island, Chile. CSULB Scholarly and Creative Activities Award. \$4500.
- 2007 NSF Archaeometry - Luminescence Dating and Brownware Ceramics in the Great Basin. Co-PI with Jelmer Eerkens (University of California Davis). The funds will support laboratory research and student assistantships. NSF Award Number: 0723857. \$76,410.
- 2006 NSF Archaeometry -- Solid-Sample Inorganic Analysis Facilities for Archaeological Research at IIRMES, CSULB. Co-PI with Hector Neff (CSULB). The proposal provides support for visiting scholars and researchers to work with CSULB faculty on analyses using IIRMES analytic equipment. \$170,517.
- 2006 Caltrans - On-call Geophysical Review for Caltrans (Contract). This project calls for periodic reviews of geophysics related projects for the California Department of Transportation. This project's budget is \$50,000 for the first year and will be expanded to \$150,000 in the second year for on-call field work. The project supports faculty and graduate students in geophysical research.
- 2006 Caltrans - LAN-283 Curation, Caltrans (Contract). I successfully wrote a proposal to support the curation of an archaeological collection held at CSULB (\$16,000). This project funds a graduate student for a year to bring collection up to modern curation standards.

- 2006 Applied Earthworks: Jefferson/I10 Geophysical Survey (Contract). This project funded three students to conduct geophysical surveys in a CRM project in an area near Indio. \$70,000.
- 2006 Prehistoric Earthworks of the Mississippi River Valley. CSULB Scholarly and Creative Activities Award. \$4000.
- 2005 PISCES - Acquisition of an alpha irradiation source for luminescence dating. Pinpoint Institute for Scientific Cultural Evolutionary Studies (PISCES), \$13000. I created a proposal and organized private donors to support this purchase.
- 2005 GPR – SLICE: In-kind donation of GPR Processing Software – GPR SLICE, \$4500. I negotiated a donation of licenses for GPR-SLICE, a software package for manipulating and analyzing GPR data in three dimensions by Geophysical Archaeometry Laboratory.
- 2004 In-kind donation and acquisition of twenty PC computers for the CSULB archaeological laboratory from Boeing. With Hector Neff, I assisted in organizing and arranging an in-kind donation of equipment from the University of Florida to the CSULB luminescence laboratory in IIRMES.
- 2004 In-kind donation and acquisition of Daybreak Nuclear Alpha Counter, TL oven and Curium-242 alpha source, from the University of Florida, ca. \$20,000. I organized and arranged an in-kind donation of equipment from the University of Florida to the CSULB luminescence laboratory in IIRMES.
- 2005 Geophysical Studies of Prehistoric Architecture and Deposits at Rapa Nui, Chile. CSULB Scholarly and Creative Activities Award. \$4500.
- 2004 Acquisition of a next-generation Ground Penetrating Radar unit for the study of archaeological materials. Pinpoint Institute for Scientific Cultural Evolutionary Studies (PISCES), \$13000. I wrote this proposal to obtain funds from a private source of money.
- 2004 The Evolution of Social Complexity among the Late Prehistoric Populations of the Mississippi Valley: A Study of Community Patterns of Fortified Villages. CSULB Scholarly and Creative Activities Award. \$3962.
- 2003 GPS and Geophysical Research and Training Equipment, CSULB University Extension Services, \$80,000. With Daniel Larson, I developed a proposal for the acquisition of a comprehensive package of Global Positioning Systems for use with our geophysical equipment. I was the primary writer on the proposal. This package was funded by CSULB Extension Services and included a Real Time Kinematic system (RTK), two satellite-differential systems and 20 hand-held GPS units.
- 2003 Mapping Archaeological and Environmental Landscapes on Rapa Nui (Easter Island) Using High-Resolution Satellite Imagery. CSULB Scholarly and Creative Activities Award. \$4000.
- 2003 NSF MRI. Acquisition of a Time-of-Flight (TOF) ICP-MS for Interdisciplinary Research in Archaeology, Geology, and Biology at CSULB. NSF MIR Grant. Co-PI with Hector Neff, Andrew Z. Mason, Richard Behl and Jelmer Eerkens, \$250,000. Hector Neff was the primary author on this proposal. I contributed a section on the use of the TOF for luminescence dating research.
- 2002 Luminescence Dating Facilities. I wrote a proposal for the acquisition of a Risoe TL-OSL Reader that was funded by CSULB University Extensions Services. With contributions by the College of Natural Sciences and Mathematics for laboratory construction and College of Liberal Arts for miscellaneous equipment, the amount funded for the lab was approximately \$100,000. The lab is functional as of the fall of 2004.

HONORS, AWARDS, AND FELLOWSHIPS

- 2005 2004/2005 Outstanding Faculty Member, Department of Anthropology, College of Liberal Arts, California State Long Beach.
- 2003 Nomination to Phi Beta Delta: Honor Society for International Scholars, California State University Long Beach.
- 2003 2002/2003, Outstanding Faculty Member, Department of Anthropology, College of Liberal Arts, California State Long Beach.
- 1999-2000 Niles Scholarship, Department of Anthropology, University of Washington. \$20,000.
- 1997-1998 University of Washington Graduate School Dissertation Fellowship (\$5000).
- 1996 George F. Dales Scholarship for the Study of Ancient Societies, George F. Dales Foundation. (\$5000).
- 1996 Department of Anthropology Dissertation Travel Grant. A Preliminary Study of the Stylistic Boundaries in the Late Mississippian Populations of the Lower Mississippi River Valley. St. Francis and Crittenden Counties, Arkansas. (\$1200)

BOOKS

Hunt, T. L. and C.P. Lipo

In press *The Statues That Walked: What the West has to Learn from Easter Island*. Free Press, NY. (Submitted for publication January 4, 2010, anticipated Fall, 2010).

Lipo, C.

2001 *Science, Style and the Study of Community Structure: An Example from the Central Mississippi River Valley*. British Archaeological Reports, International Series, no. 918. Oxford.

Dales, G. F. and C. P. Lipo

1992 *Explorations along the Makran Coast, Pakistan: A Search for Paradise*, Contribution of the Archaeological Research Facility, Number 50, University of California, Berkeley.

EDITED VOLUMES

Lipo, C., M.J. O'Brien, S. Shennan and M. Collard (editors)

2005 *Mapping Our Ancestors: Mapping Our Ancestors: Phylogenetic Methods in Anthropology and Prehistory*. Aldine/Transaction Press, New York.

Hunt, T. L., C.P. Lipo and S. L. Sterling (editors)

2001 *Posing Questions for a Scientific Archaeology*. Bergin & Garvey, Westport.

REFEREED JOURNAL ARTICLES

Cochrane, E., and C.P. Lipo

In prep Separating method and explanation in the analysis of cultural relatedness. *Current Anthropology*. (in revision, submitted October 2008).

In prep "A cultural phylogeny of monumental statues on Rapa Nui (Easter Island): Implications for the evolution of prehistoric social organization" (C.P. Lipo and T.L. Hunt) for *Journal of*

- Anthropological Archaeology*. (anticipated submission January 2008).
- Lipo, C. P., B. Hundtoft and T.L. Hunt
 In prep Style, Seriation and Lithics. *Journal of Archaeological Science*. (in revision, submitted September 2008)
- In review “Beveled Bifaces and Aerodynamics” (C.P. Lipo, V. Harper, and R.C. Dunnell) for
American Antiquity (submitted February 2010)
- Madsen, M. E. and C. P. Lipo
 In revision Networks, Frequency Seriation and Models of Cultural Transmission. *Philosophical Transactions of the Royal Society B*. (in revision, to be submitted February 2010 for publication in 2010).
- Lipo, C. P. and T. L. Hunt
 2010 AD 1680 and Easter Island Prehistory. *Asian Perspectives* (in press, anticipated Spring 2010)
- Hunt, T. L. and C. P. Lipo
 2009 Revisiting Rapa Nui (Easter Island) “Ecocide”. *Pacific Science* 63(4): 601-616.
- Hunt, T. L. And C. P. Lipo
 2008 Evidence for a Shorter Chronology on Rapa Nui (Easter Island). *Journal of Island and Coastal Archaeology* 3(1):140-148.
- Hunt, Terry L. and Carl P. Lipo
 2008 Top-down archaeology: High resolution satellite images of Rapa Nui on Google Earth. *Rapa Nui Journal* 22(1).
- Hunt, Terry L. and Carl P. Lipo
 2007 Empirical Sufficiency in Rapa Nui Prehistory. *Rapa Nui Journal* 21(2).
- Torres Hochstetter, Sergio Rapa Haoa, Carl P. Lipo and Terry L. Hunt
 2008 A public database of archaeological resources on Easter Island (Rapa Nui) using Google Earth. *Latin American Antiquity*.
- Hunt, T. L. and C. P. Lipo
 2006 A Late Chronology for Easter Island. *Science* 311(5767): 1603-1606.
- Neff, H., J. Blomster, M. D. Glascock, R. Bishop, M. J. Blackman, M. D. Coe, G.L. Cowgill, R. A. Diehl, S. Houston, A. A. Joyce, C. P. Lipo, B. L. Stark, M. Winter.
 2006 Methodological Issues in the Provenance Investigation of Early Formative Mesoamerican Ceramics. *Latin American Antiquity* 17(1):54-76.
- Neff, H., J. Blomster, M. D. Glascock, R. Bishop, M. J. Blackman, M. D. Coe, G.L. Cowgill, R. A. Diehl, S. Houston, A. A. Joyce, C. P. Lipo, B. L. Stark, M. Winter.
 2006 Smokescreens in the provenance investigation of Early Formative Mesoamerican ceramics. *Latin American Antiquity*, 17(1): 104-118.
- Bentley, R. A., C. P. Lipo, H. A. Herzog. and M. W. Hahn
 2007 Strong regularities in fashion change under random drift. *Evolution and Human Behavior* 28(3):151-158.

- Eerkens, J. and C. P. Lipo
2007 Cultural Transmission and Explanations of the Archaeological Record. *Journal of Archaeological Research* 15(3):239-274.
- Eerkens, J. and C. P. Lipo
2005 Cultural Transmission and the Generation, Maintenance, and Propagation of Variation in the Archaeological Record. *Journal of Anthropological Archaeology* 24: 316-334
- Lipo, C. P., J. F Feathers, and R.C. Dunnell
2005 Temporal Data Requirement, Luminescence Dates, and the Resolution of Chronological Structure of Late Prehistoric Deposits of the Central Mississippi River Valley. *American Antiquity*. 70(3). 527-544.
- Lipo, C.P., R.C. Dunnell and D.O. Larson
2004 Studying the Evolution of Complex Societies: Recent Geophysical Studies in the Mississippi River Valley. *Missouri Archaeologist* 65:68-106.
- Lipo, C.P. and T. Hunt
2005 The Prehistoric Statue Roads of Easter Island. *Antiquity*. 79:158-168.
- Larson, D.O., C.P. Lipo, B. Ambos
2003 The Application of Advanced Geophysical Methods and Engineering Principles in an Emerging Scientific Archaeology. *Fastbreak: European Association of Geophysicist*. 21:20-29.
- Madsen, M.E., C.P. Lipo, M. Cannon
1999 Reproductive Tradeoffs in Uncertain Environments: Explaining The Evolution Of Cultural Elaboration. *Journal of Anthropological Archaeology*. 18(3):251-281.
- Terrell, J.E., J. Hines, T. L. Hunt, C. Kusimba and C. Lipo
1998 Language Steamrollers? – Reply to J. Diamond, *Nature*, 391(6667): 547.
- Lipo, C.P., M.E. Madsen, T. Hunt and R.C. Dunnell
1997 Population Structure, Cultural Transmission, and Frequency Seriation. *Journal of Anthropological Archaeology*, 16: 301-333.

BOOK CHAPTERS

- Hunt, T. L. and C. P. Lipo
2009 “Ecological catastrophe and “collapse” on Rapa Nui (Easter Island)” In P.A. McAnany and N.Yoffee, Editors. *Choice and Fates of Human Societies: An anthropological and environmental reader*, Cambridge University Press, NY.
- Lipo, C. P. and R.C.Dunnell
2008 Prehistoric Settlement in the Central and Lower Mississippi Valley: A Critical Review. In *Time’s Rive: Archaeological Syntheses from the Central and Lower Mississippi River Valley*, edited by J. Raffery and E. Peacock. University of Alabama Press.
- Bentley, R.A., Lipo, C.P. and H.D.G. Maschner
2007 Darwinism. In *Handbook of Archaeological Theory*, edited by H.DG. Maschner and R.A. Bentley. Alta Mira Press. Lanham, MD

- Lipo, C. P. and J. W. Eerkens
 2008 Cultural Transmission Explains the Archaeological Record. In *Cultural Transmission and Archaeology*. Edited by M. J. O'Brien, pp. 120-130. Society for American Archaeology Press, Washington, DC.
- Eerkens, J.W. and C.P. Lipo
 2008 Modeling the Cultural Transmission of Copying Errors in the Archaeological Record. In *Breaking Down Boundaries: Anthropological Approaches to Cultural Transmission and Material Culture in Memory of Carol Kramer*, edited by L. Horne, M. Stark, and B. Browser. University of Arizona, Tucson.)
- Lipo, C. P., T. Hunt and S. Rapu
 2005 Recent geophysical surveys on Rapa Nui. In *Proceedings of the Sixth International Conference on Easter Island and the Pacific*, edited by A. Seelendfreund, Easter Island Foundation, Los Osos.
- Ayala, I., C. Lipo, and T. Hunt
 2005 The use of satellite imagery to study prehistoric agricultural features (*manavai*) on Rapa Nui. In *Proceedings of the Sixth International Conference on Easter Island and the Pacific*, edited by A. Seelendfreund, Easter Island Foundation, Los Osos.
- Freckleton, I., C. Lipo, H. Neff, and T. Hunt
 2005 ICP-MS analysis of obsidian sources on Easter Island. In *Proceedings of the Sixth International Conference on Easter Island and the Pacific*, edited by A. Seelendfreund, Easter Island Foundation, Los Osos.
- Lipo, C., M. Collard, M.J. O'Brien, and S. Shennan
 2005 Afterword. In *Mapping Our Ancestors: Mapping Our Ancestors: Phylogenetic Methods in Anthropology and Prehistory*, edited C. Lipo, M.J. O'Brien, S. Shennan and M. Collard. Aldine/Transaction Press, New York.
- Lipo, C., M.J. O'Brien, S. Shennan and M. Collard
 2005 Cultural Phylogenies and Explanation: Why Historical Methods Matter. In *Mapping Our Ancestors: Mapping Our Ancestors: Phylogenetic Methods in Anthropology and Prehistory*, edited C. Lipo, M.J. O'Brien, S. Shennan and M. Collard. Aldine/Transaction, New York.
- Lipo, C.P.
 2005 The Resolution of Cultural Phylogenies. In *Mapping Our Ancestors: Mapping Our Ancestors: Phylogenetic Methods in Anthropology and Prehistory*, edited C. Lipo, M.J. O'Brien, S. Shennan and M. Collard. Aldine/Transaction, New York.
- Lipo, C.P., M. Madsen, R.C. Dunnell and T. Hunt
 2003 Population Structure, Cultural Transmission, and Frequency Seriation. In *Style, Function, Transmission: Evolutionary Archaeological Perspectives*. Edited by M.J. O'Brien and R.L. Lyman. University of Utah Press, Salt Lake City.
- Hunt, T. L., and C. P. Lipo.
 2001 Cultural Elaboration and Environmental Uncertainty in Polynesia." *Pacific 2000: Proceedings of the Fifth International Conference on Easter Island and the Pacific, Hawaii Preparatory Academy, Kamuela, Hawaii, 2001*, pp. 103-115.

- Lipo, C.P.
2001 Community Structures in Late Mississippian Populations of the Central Mississippi Valley. In *Posing Questions for a Scientific Archaeology*, edited by T. Hunt, C.P. Lipo and S. Sterling. Bergin & Garvey, Westport.
- Hunt, T., C.P. Lipo and S. Sterling
2001 Posing Questions for a Scientific Archaeology, In *Posing Questions for a Scientific Archaeology*, edited by T. Hunt, C.P. Lipo, and S. Sterling, Bergin & Garvey, Westport.
- Lipo, C.P and M. Madsen
2000 Neutrality, 'Style' and Drift: Building Methods for Studying Cultural Transmission in the Archaeological Record. In *Style and Function: Conceptual Issues in Evolutionary Archaeology*, edited by G. Rakita and T. Hurt, pp. 91-118. Bergin & Garvey, Westport.

UNREFEREED JOURNAL ARTICLES

- Hunt, T. L. and C. P. Lipo
2008 What happened on Easter Island? *National Tropical Botanical Guardian Bulletin*.
- Harper, V., C.P. Lipo and T. Hunt
2008 Elemental Characterization of Basalt Sources on Rapa Nui, Chile. *Society for Archaeological Science Bulletin* 31(1).
- Safi, K. and C. P. Lipo
2008 Geophysical Surveys at the Anakena Dune of Easter Island. *Society for Archaeological Science Bulletin* 31(1):14-18.
- Lipo, C. P., D.O. Larson and R.C. Dunnell
2004 What Once Was Lost, Now Is Found: Geophysical Studies of Castile Landing in Northeastern Arkansas. *Missouri Archaeological Society Quarterly*. 21(2).
- Lipo, C.P.
2004 Review of *Cultural Evolutionism* (Robert Carneiro). *Journal of Anthropological Research*.
- Lipo, C.P.
2004 Review of *Etowah: A Political History of a Chiefdom Capital* (Adam King), *American Antiquity* 69(1):179-180.
- Lipo, C.P.
2004 Review of *The Archaeology and History of the Native Georgia Tribes* (M.E. White), *American Antiquity* 69(1): 182-183.
- Dunnell, R.C. and C.P. Lipo
2002 Complexity in evolutionary perspective (Abstract). *Southeastern Archaeological Conference Bulletin* 42:25.
- Lipo, C.P. and M.E. Madsen
1998 Reply to O'Brien and Lyman: The Goals of Evolutionary Archaeology: History and Explanation? *Current Anthropology*: 39(4).
- Hunt, T., M.E. Madsen and C.P. Lipo
1998 Reply to Boone and Smith: Is it Evolution Yet? *Current Anthropology*: 39(1).

Lipo, C. P.
1997 Fieldwork in the Delta. *Field Notes: Newsletter of the Arkansas Archeological Society*. 278:3-4.

Lipo, C. P. and M.E. Madsen
1993 The Importance of Cultural Variability: An Evolutionary Perspective. *Bulletin of the National Association of Student Anthropologists*. 8(3): 3-5.

CONFERENCE PAPERS AND POSTERS

Lipo, Carl P., Brooke Hundtoft and Terry Hunt
2009 Analyses of Stylistic Variability among Stemmed Obsidian Artifacts on Rapa Nui (Easter Island). Paper presented at the 74th Annual Meeting of the Society for American Archaeology. Atlanta, GA.

Safi, Kristin, Hector Neff, Carl Lipo and Oswaldo Chinchilla
2009 Measuring spatial organization at El Baul, Cotzumalguapa, Guatemala. Paper presented at the 74th Annual Meeting of the Society for American Archaeology. Atlanta, GA.

Bardsley, Andrea and Carl P. Lipo
2009 Luminescence Dating and the California Desert. Poster presented at the 74th Annual Meeting of the Society for American Archaeology. Atlanta, GA.

Andrew Page, Carl Lipo and Diana Greenlee
2009 Variability in Thermal and Compositional Properties of Poverty Point Objects. . Poster presented at the 74th Annual Meeting of the Society for American Archaeology. Atlanta, GA.

Lipo, Carl P. and Mark E. Madsen
2008 Networks, Frequency Seriation and Models of Cultural Transmission. AHRC CECD Theme B Workshop on Cultural and Linguistic Diversity. Center for the Evolution of Cultural Diversity, December 2008, London.

Cochrane, E. and C. P. Lipo
2008 Phylogenetic and graph-based methods in evolutionary anthropology. AHRC CECD Theme B Workshop on Cultural and Linguistic Diversity. Center for the Evolution of Cultural Diversity, December 2008, London.

Harper, Veronica, Jessica Jaynes, Carl Lipo and Robert Dunnell
2008 Beveled Projectile Points and Ballistics Technology. Poster presented at the 73rd Annual Meeting of the Society for American Archaeology. Vancouver, B.C.

Daniels, James and Carl Lipo
2008 Digital Image Processing of Shell Temper Variability in Late Prehistoric Ceramics. Poster presented at the 73rd Annual Meeting of the Society for American Archaeology. Vancouver, B.C.

Safi, Kristin, Chris Watkins, Carl Lipo and Hector Neff
2008 Luminescence dating of prehistoric Hohokam irrigation canals using IRSL and SAR analyses. Poster presented at the 73rd Annual Meeting of the Society for American Archaeology. Vancouver, B.C.

- Hundtoft, Brooke, Roberta Thomas and Carl Lipo
 2008 Stylistic Analyses of Stemmed Obsidian Chipped Stone Tools on Easter Island. Poster presented at the 73rd Annual Meeting of the Society for American Archaeology. Vancouver, B.C.
- Madsen, Carl Lipo and Alex Bentley
 2008 Seriation Methods for Inferring Social Network Structure from Archaeological Data. Poster presented at the 73rd Annual Meeting of the Society for American Archaeology. Vancouver, B.C.
- Gilstrap, William, Carl Lipo and Hector Neff
 2008 The Chronology and Variability of Etruscan Architectural Terracotta. Poster presented at the 73rd Annual Meeting of the Society for American Archaeology. Vancouver, B.C.
- Morrison, Alex E., C. P. Lipo and T. L. Hunt
 2007 A multi-level selection framework for analyzing community patterning on Rapa Nui: An example from the Northwest and South coasts. Paper presented at the VII International Conference on Easter Island and the Pacific. Gotland University in collaboration with the Easter Island Foundation. Visby, Sweden.
- Chinchilla Mazariegos, O., C. Lipo, H. Neff, E. Gómez, and B. Cosenza
 2007 Nuevas Investigaciones Geofísicas Y Arqueológicas En Cotzumalguapa. Paper presented at the Simposio de Investigaciones Arqueológicas en Guatemala, Museo Nacional de Arqueología y Etnología, Guatemala
- Safi, K. Lipo, C.P., Hunt, T.L. and S. Rapu
 2007 Geophysics and sequences of monumental architecture at the Anakena Dune of Easter Island. Poster presented at the 72nd Annual Meeting of the Society for American Archaeology. Austin, TX.
- Thomas, V., Neff, H. and C. P. Lipo
 2007 Basalt artifact sourcing on Easter Island. Poster presented at the 72nd Annual Meeting of the Society for American Archaeology. Austin, TX.
- Thomas, R., Neff, H. and C. P. Lipo
 2007 Sourcing stemmed obsidian bifaces on Easter Island. Poster presented at the 72nd Annual Meeting of the Society for American Archaeology. Austin, TX.
- Hunt, T. L. and C. P. Lipo
 2007 Estimating the colonization date for Rapa Nui (Easter Island). Poster presented at the 72nd Annual Meeting of the Society for American Archaeology. Austin, TX.
- Chinchilla Mazariegos, O., C. Lipo, H. Neff, E. Gómez, B. Cosenza, E. Reyes, I. Bradford, K. N. Safi, and B. Plaskey,
 2006 Nuevas Investigaciones Geofísicas Y Arqueológicas En Cotzumalguapa. Paper presented at the Simposio de Investigaciones Arqueológicas en Guatemala, Museo Nacional de Arqueología y Etnología, Guatemala
- Neff, H., B. Arroyo, I. Bradford, K. Pereira, M. Cossich, C. Lipo, K. N. Safi and B. Plaskey
 2006 Geofísica y los monumentos de Naranjo Paper presented at the Simposio de Investigaciones Arqueológicas en Guatemala, Museo Nacional de Arqueología y Etnología, Guatemala

- Lipo, C. P. and T. H. Hunt
 2006 The Cultural Phylogeny of Easter Island Statues. Paper presented at the 71st Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico.
- Hunt, T. L., C. P. Lipo and S. Rapu
 2006 An Elephant in the Room. A critical look at the archaeology of Easter Island. Paper presented at the 71st Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico.
- Lipo, C.P. Bush, D. A., Sakai, S., Neff, H., Dudgeon, J. V., Feathers, J. K.
 2005 Luminescence Dating of Ceramic Assemblages at the Institute for Integrated Research in Materials, Environments, and Society (IIRMES), California State University, Long Beach, USA. Poster presented at the 11th International Conference on Luminescence and Electron Spin Resonance Dating. Cologne, Germany.
- Lipo, Carl P.
 2005 *Comments on Applying Biological Concepts to the Explanation of the Archaeological Record.* Paper presented at the 70th Annual Meeting of the Society for American Archaeology, Salt Lake City, Utah.
- Bradford, I. and C.P. Lipo
 2004 An Application of High-Resolution Satellite Imagery for the Mapping of Prehistoric Cultivation Features on Rapa Nui, Chile. Poster presented at the 1st Annual Conference for the Archaeological Sciences in the Americas Society, Tucson.
- Hunt, T. L. and C.P. Lipo
 2004 Ancient Roads and Colossal Chiefs. Paper presented at the 1st Annual Conference for the Archaeological Sciences in the Americas Society, Tucson.
- Lipo, C. P. and D. Larson
 2004 The Application of Near Surface Remote Sensing in Archaeological Research Design. Paper presented at the 1st Annual Conference for the Archaeological Sciences in the Americas Society, Tucson.
- Lipo, C.P., T.L. Hunt, and S. Rapu
 2004 Recent Geophysical and archaeological studies on Rapa Nui. Paper presented at the VI Annual International Conference on Easter Island and the Pacific, Vina De Mar, Chile.
- Bradford, I. and C.P. Lipo
 2004 The Use of Multispectral Satellite Imagery to Map Prehistoric Agricultural Features on Rapa Nui. Paper presented at the VI Annual International Conference on Easter Island and the Pacific, Vina De Mar, Chile.
- Hunt, T. L. and C.P. Lipo
 2004 The Ancient Moai Roads of Easter Island. Paper presented at the VI Annual International Conference on Easter Island and the Pacific, Vina De Mar, Chile.
- Freckleton, I., C. P. Lipo, H. Neff and T. L. Hunt
 2004 ICP-MS Analyses of Obsidian Sources on Easter Island: A Study of Resource Movement and Microcommunity Exchange. Paper presented at the VI Annual International Conference on Easter Island and the Pacific, Vina De Mar, Chile.

- Lipo, C.P. and T. L Hunt
2004 The Ancient Moai Roads of Easter Island. Paper presented at the 69th Annual Meeting of the Society for American Archaeology. Montreal.
- Feathers, J., R. C. Dunnell, J. House and C. P. Lipo
2004 Luminescence Dating of Ceramics in the Lower Mississippi Valley. Poster presented at the 69th Annual Meeting of the Society for American Archaeology. Montreal.
- Bradford, I. and C. P. Lipo
2004 The Use of Multispectral Satellite Imagery to Map Prehistoric Agricultural Features on Rapa Nui. Paper presented at the 69th Annual Meeting of the Society for American Archaeology. Montreal.
- Freckleton, I., C. P. Lipo, and H. Neff
2004 ICP-MS Analyses of Obsidian Sources on Easter Island: A Study of Resource Movement and Microcommunity Exchange. Paper presented at the 69th Annual Meeting of the Society for American Archaeology. Montreal.
- Larson, D. O. and C. P. Lipo
2004 The Evolution of Complexity among Chumash Populations of Central California Paper presented at the 69th Annual Meeting of the Society for American Archaeology. Montreal.
- Hunt, T. L and C. P. Lipo
2004 Documenting the Ancient Statue Roads of Easter Island. Paper presented at the 69th Annual Meeting of the Society for American Archaeology. Montreal.
- Eerkens, J. W., C. P. Lipo, and R. L. Bettinger
2003 Modeling the Cultural Transmission of Copying Errors in the Archaeological Record. Paper presented at the 102nd Annual Meeting for the American Anthropological Association. Chicago.
- Hunt, T. L. and C. P. Lipo
2003 The Ancient *Moai* Roads of Easter Island. Paper presented at the 14th Annual Meeting of the Society for Hawaiian Archaeology, Kona.
- Lipo, C. P. and M. J. O'Brien
2003 The Promise and Challenges of Phylogenetic Methods for Measuring Relatedness in the Archaeological Record. Paper presented at the 68th Annual Meeting of the Society for American Archaeology, Milwaukee.
- Lipo, C. P. and K. Wilhelmsen
2003 Relatedness and Stylistic Variability of Projectile Points. Paper presented at the 68th Annual Meeting of the Society for American Archaeology, Milwaukee.
- Lipo, C. P. and D. Larson
2003 Future Directions in Geophysics and Archaeological Practice. Paper presented at the 2003 Society of California Archaeology Meetings, Sacramento, California
- Larson, D. and C. P. Lipo
2003 The History of Geophysics and Archaeological Practice. Paper presented at the 2003 Society of California Archaeology Meetings, Sacramento, California

- Lipo, C. P., T. L. Hunt and M. Madsen
 2002 Mapping Historical Relations in the Study of Human Dispersals Using Archaeological, Biological and Linguistic data. Paper presented at the Workshop on Human Global Dispersals, British Academy International Networks Workshop, Department of Archaeology, University of Southampton, June 27-28, 2002.
- Lipo, C. P. and M. Madsen
 2001 Organization. Paper presented at the 66th Annual Meeting of the Society for American Archaeology, New Orleans.
- Madsen, M., C. P. Lipo, and T. L. Hunt
 2001 Cultural Elaboration, Life Histories, and Bet-Hedging Strategies in Unpredictable Environments. Paper presented at the 66th Annual Meeting of the Society for American Archaeology, New Orleans.
- Hunt, T. L. and C. P. Lipo
 2001 The Evolution of Cultural Elaboration on Rapa Nui (Easter Island). Paper presented at the 66th Annual Meeting of the Society for American Archaeology, New Orleans.
- Hunt, T. L. and C.P. Lipo
 2000 Cultural Elaboration and Environmental Uncertainty in Polynesia. 13th Annual Meeting of the Society for Hawaiian Archaeology, Kona.
- Lipo, C.P.
 2000 Building Group-Level Units in the Archaeological Record: An Example from the Mississippi River Valley. Paper presented at the 65th Annual Meeting of the Society for American Archaeology, Philadelphia.
- Allen, T., C.P. Lipo and T. L. Hunt
 2000 Seriation of Architectural Sites on Rapa Nui (Easter Island). Paper presented at the 65th Annual Meeting of the Society for American Archaeology, Philadelphia.
- Reith, T., T. Hunt and C.P. Lipo
 2000 The Evolution of Cultural Elaboration in Uncertain Environments of Polynesia. Paper presented at the 65th Annual Meeting of the Society for American Archaeology, Philadelphia. .
- Lipo, C.P. and M.E. Madsen
 2000 Neutrality. Invited paper presented at the “Keywords in Evolutionary Archaeology” Symposium organized by J. Terrell and J. Hart. 64th Annual Society for American Archaeology Meetings, Chicago.
- Madsen, M.E. and C.P. Lipo
 1999 Fitness. Invited paper presented at the “Keywords in Evolutionary Archaeology” Symposium organized by J. Terrell and J. Hart. 64th Annual Society for American Archaeology Meetings, Chicago.
- Lipo, C.P., M.E. Madsen and M. Cannon
 1998 When Will ‘Wasteful’ Behavior Occur? Paper presented at the 63rd Annual Society for American Archaeology Meetings in Seattle, WA.
- Hunt, T. L., C.P. Lipo and M.E. Madsen
 1998 The Flaws of Phylogeny as History: A Pacific Islands Case Study. Paper presented at the

63rd Annual Society for American Archaeology Meetings, Seattle.

Madsen, M.E., C.P. Lipo and M. Cannon

1998 Building Explanations for 'Wasteful' Behavior in the Archaeological Record. Poster presented at the 63rd Annual Society for American Archaeology Meetings, Seattle.

Cannon, M., M.E. Madsen and C.P. Lipo

1998 Wasteful Behavior in Evolutionary and Ecological Perspective. Paper presented at the 63rd Annual Society for American Archaeology Meetings in Seattle.

Lipo, C.P.

1997 Sherds, Sherds, Sherds: Mapping Patterns of Cultural Transmission in Prehistoric Populations. Paper presented at the University of Hawai'i-Manoa, Department of Anthropology, Departmental Colloquium, September 13, 1997, Honolulu.

Lipo, C.P. and M.E. Madsen

1997 The Method Seriation: Explaining Variability the Frequency of Types." Paper presented at the 62nd Annual Society for American Archaeology Meetings, Nashville.

Lipo, C.P. and M.E. Madsen

1996 Problems and Solutions in the Study of Social Organization. Paper presented at the 61st Annual Society for American Archaeology Meetings, New Orleans.

Madsen, M.E., C.P. Lipo, and T. Hunt

1995 Artifact Style Dynamics I: A Network Model of Cultural Transmission in Spatially Structured Populations. Paper presented at the 60th Annual Society for American Archaeology Meetings, Minneapolis.

Lipo, C. P., M.E. Madsen and T. Hunt

1995 Artifact Style Dynamics II: Deriving Seriation from a Network Model of Transmission. Paper presented at 60th Annual Society for American Archaeology Meetings, Minneapolis.

Hunt, T., M.E. Madsen, and C. P. Lipo

1995 Examining Cultural Transmission Using Frequency Seriation. Poster presented at 60th Annual Society for American Archaeology Meetings, Minneapolis.

Lipo, C. P. and M. E. Madsen

1993 Global Reductions of Diversity in Subsistence Systems: A Darwinian Argument for a Conservationist Anthropology. Paper presented at 1993 American Anthropological Association Meetings, Washington.

Madsen, M.E. and C.P. Lipo

1993 Units of Evolution within a Darwinian Approach to Anthropology: Definitions and Implications for the Subfields. Paper presented at the 1993 American Anthropological Association Meetings. Washington.

Lipo, C. P. and M.E. Madsen

1989 Microartifacts and Macrointerpretations. Paper presented at the 1989 South Asian Conference, Madison.

Lipo, C. P.

1989 Art, Interpretation and the Contextual Continuum. Paper presented at the 1989 Art and Art History Conference, SUNY, Binghamton.

- Lipo, C. P.
1988 Toys, Ritual Items and the Socio-Ritual Continuum. Paper presented at the 1988 South Asia Conference, Madison.

UNPUBLISHED REPORTS

- Commendador, A., Larson, D.O. and C. P. Lipo
2006 Geophysical Surveys of CA-RIV-6896 and CA-RIV-6897, for the I-10 Jefferson Interchange Improvements Project in the City of Indio, Riverside County, California. Unpublished report on file at Applied Earthworks, Hemet, California.
- Lipo, C. P.
1991 Cultural Resource Report for the Palo Cedro High School Project, Palo Cedro, Shasta County, California. Unpublished report on file with the Northeast Information Center, Chico State University, Chico.
- Lipo, C. P. and J. Marmor
1991 Seccombe Lake Park Historic Cemetery Excavation, San Bernardino, California. Unpublished report on file at LSA Associates, Irvine.
- Lipo, C. P.
1991 Excavations at CA-LAN-953, Ritter Ranch. In *Cultural Resources Report, Ritter Ranch Development, Palmdale, Los Angeles County, California*, edited by B. Padon and J. Rosenthal. Unpublished report on file at LSA Associates, Irvine, California.
- Dales, G. F., J. M. Kenoyer, and C. P. Lipo
1990 Preliminary Report on the 1990 Excavations at Harappa, Pakistan. Unpublished manuscript on file at the Department of Archaeology, Karachi, Pakistan.
- Lipo, C. P. and B. Breece
1990 Results of an Archaeological Survey of the Proposed Tam Junction Mixed-Use Commercial Development, City of Mill Valley, Marin County, California. Unpublished report on file at Northwest Information Center, Sonoma State University, Sonoma.
- Lipo, C. P. and B. Breece
1990 Results of an Archaeological Survey of the Proposed Santa Fe Repair-in-Place Facility, City of Richmond, Contra Costa County, California. Unpublished report on file at Northwest Information Center, Sonoma State University, Sonoma.

SYMPOSIA ORGANIZED

- Lipo, C. P.
2008 *New Approaches to Old Problems: Posters sponsored by the Journal of Evolutionary and Historical Sciences*. Poster symposium at the 73rd Annual Meeting of the Society for American Archaeology, Vancouver, B.C.
- Hunt, T. H. and Lipo, C.P. (chair)
2007 *New Research on Easter Island Prehistory*. Symposium at the 72nd Annual Meeting of the Society for American Archaeology, Austin, TX.
- Lanata, Jose Luis and Lipo, C.P. (chairs)

- 2007 *Approaching Darwin's Bicentennial: The State of the Art in Evolutionary Archaeology*. Symposium at the 72nd Annual Meeting of the Society for American Archaeology, Austin, TX.
- Hunt, T. H., Lipo, C.P. and S. Rapu (chairs)
 2006 *Recent Research and Changing Views of Easter Island Prehistory*. Symposium at the 71st Annual Meeting of the Society for American Archaeology, Puerto Rico.
- Lipo, C. and M.J. O'Brien (chairs)
 2003 *Theoretical and Methodological Fundamentals of Applying Phylogenetics to the Archaeological Record: Parts I and II*. Symposium at the 68th Annual Meeting of the Society for American Archaeology, Milwaukee.
- Hunt, T. and C. P. Lipo (chairs)
 2001 *Methodological Issues in Explaining the Evolution of Cultural Elaboration*. Symposium at the 66th Annual Meeting of the Society for American Archaeology, New Orleans.
- Cochrane, E. and C.P. Lipo (chairs)
 1997 *Using Seriation in Processual Archaeology*. Symposium at the 62nd Annual Meeting of the Society for American Archaeology, Nashville.

INVITED LECTURES

- March 2009 Networks, Small Worlds and the Study of Cultural Transmission. Graduate Students In Anthropology Distinguished Lecturer series. Washington State University.
- January 2008 Mapping the prehistory of Easter Island: Explaining pattern and process using GIS and remote sensing. Department of Anthropology, Penn State University.
- May 2007 Resolution of the Cultural Phylogenies of Monumental Statues on Easter Island. Behavior, Evolution, and Culture Speaker Series. UCLA Center for Behavior, Evolution and Culture.
- November 2007 The Mysteries of Easter Island. CLA Alumni Group, California State University, Long Beach.
- September 2006 Recent Discoveries on Easter Island: The 2006 Easter Island Field School to Rapa Nui. Multi-cultural Center, California State University, Long Beach.
- March 2006 Rapidly Changing Educational Environments. Invited forum panelist, the Society for American Archaeology Student Affairs Committee. 71st Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico.
- March 2006 New Investigations on Easter Island: What Indian Jones Really Does. Program for Talented Youth, Johns Hopkins University, California State University, Long Beach.
- October 2003 2003 Archaeological Field School to Rapa Nui, Chile. Multi-cultural Center, California State University Long Beach.
- June 2002 Visiting Scholar, Centre for the Evolutionary Analysis of Cultural Behavior, University of Southampton, Southampton, U.K.

- May 14, 1998 Fluctuating Environments, Bet-hedging and Explanations of Cultural Elaboration. Invited departmental lecture for the Department of Anthropology, University of Hawai'i-Manoa, Honolulu.
- April 28, 1998 Building a Science of Ourselves: Explanations of Cultural Elaboration. Invited visitor lecture, Santa Fe Institute, Santa Fe.
- September 14, 1997 Explaining Cultural Elaboration in Eastern North American Prehistory. Department of Anthropology, University of Hawai'i-Manoa, Honolulu.
- August 13, 1997 Breaking and Explaining the Culture Concept: Hopewell and Mississippian Archaeology in Eastern North America. Department of Anthropology, University of Washington, Seattle.
- August 7, 1997 New Developments in the Study of the Indus Civilization. Department of Anthropology, University of Washington, Seattle.
- April 4, 1997 Explaining the Origins of Complex Society: An Example from the Indus Valley. Department of Anthropology, University of Washington, Seattle.
- March 13-14, 1997 The Concept Seriation: History, Theory and Practice. Department of Anthropology, University of Washington, Seattle.

ARCHAEOLOGICAL FIELDWORK

- January 2010 Archaeological survey of prehistoric earthworks using LiDAR in northeastern Louisiana.
- July 2009 Archaeological and geographic research on Rapa Nui, Chile (with Christopher Lee and Suzanne Wechsler)
- July 2008 Mycaenae, Greece. Blimp photography with Paul Scotton and Christofilis Maggidis.
- November 2007 Geophysical Survey, Mojave Desert, Zzyzx, CA.
- July 2007 Geophysical survey of Akahanga, Easter Island. Co-PI with Terry Hunt (UH).
- January 2007 Geophysical Survey in Cotzumulguapa, Guatemala (El Baul and Bilbao), Co-PI with Hector Neff (CSULB).
- July 2006 Survey, Excavation and Geophysical Studies on Easter Island (CSULB-UH Archaeological Field School Co-PI with Terry Hunt).
- April 2006 Survey reconnaissance of newly discovered earthwork features in the lower Mississippi river valley (PI).
- January 2006 Geophysical Survey (GPR and magnetometry) in Guatemala (El Baul and L Blanca), Co-PI.
- July 2005 Excavation and GPR survey of Anakena, Easter Island, (CSULB-UH Field School, Co-PI).
- July 2004 Cornfield Station Railroad Site, Los Angeles County, California, California State Parks, ground penetrating radar study (labor)
- Apr. 2004 Geophysical exploration of Late Prehistoric Mississippian Villages, Langdon,

WLA (and other sites), southeastern Missouri (PI)

Dec. 2003 Magnetometry survey of a crime scene, Torrance Police Department. (Co-PI).

June 2003 Anakena and Akahanga sites (and others), Easter Island (Rapa Nui), Chile (CSULB Field School, Co-PI)

May 2003 Sepulveda Adobe, Los Angeles County, California, California State Parks, Geophysical studies (labor)

Apr. 2003 Langdon and WLA sites (Dunklin county, Missouri), Castile Landing (St. Francis County, Arkansas) Geophysical studies (PI)

Sept. 2002 Cornfield Station Railroad Site, Los Angeles County, California, California State Parks, geophysical studies (labor)

Apr. 1997 Belle Meade, Beck, Rose Mound, and Nickel (and others), northeastern Arkansas, (P.I.)

June to Aug. 1996 Coldwater Farm sites (and others) Dunklin county, Missouri (U. Washington Field School, Teaching Assistant)

Apr to Jun 1996 Belle Meade, Beck, Rose Mound, and Nickel (and others), northeastern Arkansas, (P.I.)

Jun 1995 Dunklin county (Buffalo Slough, WLA, Coldwater Farm, Gray Horse Lake and others), Missouri, June. (labor)

Summer 1994 Intermountain Research. Carson City, Nevada. Staff Archaeologist, Carson Desert Project. Field survey of Carson Desert area in Nevada for predictive modeling project funded by the U.S. Navy. Developed GIS model of region using cultural and environmental data collected for the 9,132 sq. km. project area. Tested predictive model based on ecological assumptions of resource abundance and habitats.

Summer 1993 Southeastern New Mexico, Mogollon Village Field School, University of Washington, Teaching Assistant

1992 Woods Cultural Research, Inc. Evergreen, Colorado. Staff Archaeologist/Native American Coordinator. Coordinated Native American monitoring of the construction of the PGT/PG&E Pipeline Expansion project. Served as the link between Native American tribal groups, archaeologists, and construction. Solved logistic and communication problems.

Fall/Winter 1992 INFOTEC Research, Inc. Eugene, Oregon Field Assistant, Surveyor and excavator on the PGT/PG&E Pipeline Expansion Project in Eastern Oregon.

1990/1991 LSA and Associates, Inc. Pt. Richmond, California. Staff Archaeologist, Directed and assisted in archaeological excavations and surveys in northern and southern California. Established and headed the cultural resource division in the northern California office in Pt. Richmond.

1991 Stanford Excavations at Panakton, Greece. Assistant Field Director, Designed and implemented sampling strategy, data collection and analysis procedures of the Stanford University excavations at a Neolithic to Medieval Age hilltop fortress.

Fall 1990 Holman and Associates San Francisco, California. Field Assistant Duties consisted of construction monitoring and burial recording and removal at a number of project locations in the San Francisco Bay area.

1990, 1988, 1987 University of California at Berkeley Expedition to Harappa, Pakistan. Field Supervisor. Excavations of third millennium BC urban center.

Summer 1985 University of Wisconsin, Madison; Department of Anthropology. Field Assistant, Fred Edwards, Grant County, Wisconsin. Mississippian/Late Woodland Village.

PROFESSIONAL MEMBERSHIPS

Phi Beta Delta (International Education Honor Society)
Sigma Xi
American Association for the Advancement of Science
Society for American Archaeology
Society for Archaeological Science
Southeastern Archaeological Conference
Arkansas Archeological Society
Missouri Archaeological Society
Rapa Nui Foundation

EDITORIAL AND BOARD MEMBERSHIP

Associate Editor, Geoarchaeology (May 2008 to Present). In this position, I am the geophysics and remote sensing specialist for Geoarchaeology. I solicit papers, manage reviews and make recommendations for publications.

Board Member and Co-Founder: Pinpoint Institute for Scientific Cultural Studies (PISCES). (2003 to Present)

PISCES is a private non-profit group that exists for the purpose of supporting research in scientific cultural evolution. PISCES supports a wide range of research into human history, cultural evolution, and the evolutionary process, with geographic interests spanning the globe. The Science Board advises donors on funding initiatives.

Managing Editor, Board Member and Founder. The Journal of Evolutionary and Historical Sciences. <http://www.evolutionarysciences.org>.

Board member, CSULB Institute for Integrated Research on Materials, Environment and Society (IIRMES). <http://www.csulb.edu/programs/iirmes/> This multi-disciplinary institute brings together faculty and facilities from Archaeology, Biology, Geology and Geography into a collaborative laboratory. Sponsored by the College of Liberal Arts and the College of Natural Sciences, IIRMES is housed in a 10,000 sq foot dedicated laboratory that includes archaeometry facilities, stable isotope analysis, proteomics and the luminescence dating laboratory.

MEDIA

My work has received substantial national and international media attention including newspapers, television, magazines and blogs. A summary of my media coverage on my work can be found at <http://www.csulb.edu/~clipo/media/>

MANUSCRIPT REVIEWING

I am an active referee for the NSF Archaeology program and the following journals: *Antiquity*, *American Antiquity*, *Current Anthropology*, *Journal of Anthropological Archaeology*, *Geoarchaeology*, *Human Ecology*, *Journal of Anthropological Research*, *Journal of Archaeological Science*, *Letters in Biology*, *Journal of Human Evolution*, *Journal of Island and Coastal Archaeology*, *National Science Foundation*

STUDENTS AND GRADUATE COMMITTEE MEMBERSHIP

Ethan Cochrane. Department of Anthropology, University of Hawai'i, Manoa. (Ph.D., June 2005)
John Dudgeon. Department of Anthropology, University of Hawai'i, Manoa (Ph.D., Committee Member, June 2008)
Alex Morrison, Department of Anthropology, University of Hawai'i, Manoa (Ph.D., Committee Member)
Amy Commendador. Department of Anthropology, University of Hawai'i, Honolulu (MA, June 2005)
Ileana Bradford, Department of Anthropology, CSULB, Long Beach (MA Fall 2009)
Kristin Safi, Department of Anthropology, CSULB, Long Beach (MA, Spring 2008)
Veronica Harper, Department of Anthropology, CSULB, Long Beach (MA, Fall 2007)
Roberta Thomas, Department of Anthropology, CSULB, Long Beach (MA, Fall 2009)
Ian Fraser-Shapiro, Department of Anthropology, CSULB, Long Beach (MA, Fall 2007)
James Daniels, Department of Anthropology, CSULB, Long Beach (MA, August 2009)
Andrea Bardsley, Department of Anthropology, CSULB, Long Beach (MA August 2009)
Jason Miller, Department of Anthropology, CSULB, Long Beach (MA candidate, committee member)
Clarus Backes, Department of Anthropology, CSULB, Long Beach (MA, Fall 2009)
Maureen Lynch, Department of Anthropology, CSULB, Long Beach (MA, Fall 2009)
Tony Quach, Department of Anthropology, CSULB, Long Beach (MA candidate, Thesis Advisor)
Andrew Page, Department of Anthropology, CSULB, Long Beach (MA candidate, Thesis Advisor)

REFERENCES

- Dr. Robert. C. Dunnell Department of Anthropology
Mississippi State University
21 Pruett Road
Natchez, Mississippi 39120
Phone: (601) 442 4037
Email: dunnell@hughes.net
- Dr. Terry L. Hunt Department of Anthropology
University of Hawai'i
2424 Maile Way
Honolulu, Hawai'i 96822
Phone: (808) 956-7310
Fax: (808) 956-9541
Email: thunt@hawaii.edu
- Dr. Hector Neff Department of Anthropology
1250 Bellflower Blvd.
California State University Long Beach
Long Beach, CA 90804
Phone: (562) 985-4468
Email: hneff@csulb.edu