

Lana S. Martin

Curriculum Vitae

UCLA Department of Anthropology

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Los Angeles, CA, 90095

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Education

- 2010 to present University of California, Los Angeles
Doctoral candidate, Anthropology, subfield: Archaeology
Advanced to candidacy: 3/19/2012
- 2008 to 2010 University of California, Los Angeles
M.A., Anthropology, subfield: Archaeology
Master's thesis: Reconstructing Paleoenvironmental Instability and Plant Resource Availability on Santa Cruz Island using Macrobotanical Analysis
- 2003 to 2007 The University of Texas at Austin
B.A., Anthropology, Phi Beta Kappa with high honors
Senior thesis: Variability in Hunter-Gatherer Mortuary Practices: An Analysis of the Crestmont Site (41WH39) Burial Inclusions

Research Interests

Human-environment relationships, food production and sociopolitical organization, adaptations to climate change, paleoethnobotany, zooarchaeology, prehistoric archaeology of North and Central America (Texas, California, Panamá)

Published and Submitted Manuscripts

Arnold, Jeanne E. and Lana S. Martin. (2014). Botanical Evidence of Paleodietary and Environmental Change: Drought on the Channel Islands, California. *American Antiquity* 79(2):227-248. doi:10.7183/0002-7316.79.2.227.

Lesure, Richard G., Lana S. Martin, Katelyn J. Bishop, Brittany Jackson, and C. Myles Chykerda. (2014). The Neolithic Demographic Transition in Mesoamerica. *Current Anthropology*, in press (accepted for publication 4/8/2014).

Academic Appointments

- Summer 2014 Teaching Assistant for Sitio Drago Field School, Bocas del Toro, Panamá
- Spring 2014 Teaching Assistant for Archaeology: Introduction
- Winter 2014 Teaching Assistant for Principles of Archaeology
- Fall 2013 Teaching Assistant for Archaeology: Introduction
- Summer 2013 Reader for Archaeology: Introduction

Spring 2013	Reader for Ancient Civilizations of Andean South America
Winter 2013	Reader for Archaeology of North America
Fall 2012	Reader for Principles of Archaeology
Summer 2012	Graduate Student Researcher for OID Instructional Improvement Grant 2012 – 2013: Improving Data Analysis Skills of Undergraduate Archaeology Students
Summer 2012	Teaching Assistant for Sitio Drago Field School, Bocas del Toro, Panamá
Spring 2012	Reader for Archaeology of North America
Spring 2012	Teaching Assistant for Archaeology: Introduction
Winter 2012	Teaching Assistant for Archaeology: Introduction
Fall 2011	Teaching Assistant for Archaeology: Introduction
Summer 2010	Teaching Assistant for Sitio Drago Field School, Bocas del Toro, Panamá
Spring 2010	Reader for Archaeology of North America
Winter 2010	Reader for Southwestern Archaeology
Fall 2009	Reader for Archaeology of Warfare
Spring 2009	Reader for Archaeology of North America

Awards, Prizes, and Fellowships

2014 to 2015	UCLA Graduate Division Dissertation Year Fellowship
2014	UCLA Latin American Institute Summer Research Grant
2014	Clement Meighan Research Grant
2014, '11	UCLA Cotsen Institute of Archaeology Steinmetz Travel Grant
2014	Nominated, Charles E. & Sue K. Young Graduate Fellowship Award
2014, '13, '12, '11, '10	UCLA Anthropology Conference Travel Grant
2012 to 2013	National Science Foundation Graduate Research Fellowship Program
2009 to 2011	
2009	UCLA Graduate Summer Research Mentorship
2008 to 2009	UCLA Department of Anthropology First-Year Fellowship
2007	Phi Beta Kappa, Texas Alpha Chapter (inducted)
2006 to 2007	UT Austin Woods Endowed Presidential Scholarship
2006 to 2007	UT Austin Joe B. Frantz Memorial Scholarship
2005 to 2007	UT Austin Distinguished College Scholar
2006	UT Austin Hibbs Departmental Essay Scholarship
2005	Lambda Alpha, Texas Zeta Chapter (inducted)
2005	UT Austin Undergraduate Academic Scholarship

Research Projects

2012 to present	The Neolithic Demographic Transition in Mesoamerica and Central America. Research project using multiple lines of evidence to assess environmental and social factors involved in the transition from Archaic to Formative Period. Supervised by Prof. Richard Lesure.
2010 to present	Historical Ecology of Farming and Foraging in Western Caribbean Panama. On-going excavation, survey, and archaeobotanical sampling of Late Ceramic Period village sites (ca. AD 500 to 1500) located in Western Caribbean Panama. Supervised by Dr. Thomas Wake.

- 2008 to present Prehistoric Paleoclimate Variability and Plant Food Use on Santa Cruz Island. Sorted, identified, and analyzed macrobotanical materials obtained from paleobotanical samples excavated from five sites on western Santa Cruz Island. Supervised by Prof. Jeanne Arnold.
- Spring 2008 41BX1239 (Mammoth Site) Mammoth Bone Stabilization Project. Conducted stabilization, curation, and preliminary analysis of *Mammuthus* remains recovered from a site in Bexar County, as well as preparation of project report for SWCA Environmental Consultants, Austin, Texas.
- 2006 to 2007 41VT141 (McNeill Ranch Site) Investigation. Assisted in the excavation, mapping, and preliminary analysis of artifacts recovered from a multi-occupation Late Paleoindian to Archaic site located on the lower Guadalupe floodplain. Supervised by Dr. Michael Bever.
- 2006 41WH39 (Claremont Site) Artifact Analysis. Conducted an interpretive analysis of the artifacts recovered from a Middle to Late Archaic hunter-gatherer cemetery located inland along the Gulf of Mexico coast in Texas. Supervised by Dr. Michael Bever.
- 2005 41LR297 (Stallings Ranch Site) Excavation and Paleoethnobotanical Analysis. Participated in excavation of a Woodland period Fourche Maline (agricultural) village in northeast Texas. Processed flotation samples and analyzed macrobotanical remains. Supervised by Dr. Leslie Bush.

Conference Presentations

- 4/25/2014 Martin, Lana S., Richard G. Lesure, and Katelyn Bishop. The Neolithic Demographic Transition in Mesoamerica. Poster presented at the Society for American Archaeology Annual Meeting in Austin, Texas.
- 4/6/2013 Martin, Lana S. Modeling Political Organization and Food Production in Middle-Range Societies: A Case Study from Panamá. Paper presented at the Society for American Archaeology Annual Meeting in Honolulu, Hawaii.
- 4/19/2012 Martin, Lana S. Reconstructing Subsistence Economy in Ancient Panamá: Testing Hypotheses of Plant Food Use at Sitio Drago. Poster presented at the Society for American Archaeology Annual Meeting in Memphis, Tennessee.
- 4/1/2011 Arnold, Jeanne E., Eric C. Fries, Lana S. Martin, and Stephanie A. Salwen. From Paleoclimate to Ancient Production Systems: Current Channel Islands Research. Paper presented by L. Martin at the Society for American Archaeology Annual Meeting in Sacramento, California.
- 2/12/2011 Martin, Lana S. Reconstructing Paleoenvironmental Instability and Plant Resource Availability on Santa Cruz Island: Adaptive Responses to Environmental Change by the Channel Island Chumash. Paper presented at the Archaeology Graduate Student Conference in the Cotsen Institute of Archaeology at University of California, Los Angeles.

- 4/17/2010 Martin, Lana S. Reconstructing Paleoenvironmental Instability and Plant Resource Availability at Santa Cruz Island using Macrobotanical Analysis. Poster presented at the Society for American Archaeology Annual Meeting in St. Louis, Missouri.
- 3/20/2010 Martin, Lana S. Preliminary Interpretations of Plant Resource Availability at Santa Cruz Island Using Macrobotanical Analysis. Paper presented at the Society for California Archaeology Annual Meeting in Riverside, California.
- 4/16/2007 Martin, Lana S. Hunter-Gatherer Mortuary Practices and Variability: An Analysis of the Crestmont Site (41WH39) Burial Inclusions. Poster presented at the Society for American Archaeology Annual Meeting in Austin, Texas.
- 10/28/2005 Blesch, Robin, Leslie Bush, Lana Martin, Stewart McCauley, Nathan Sison, Dylan Smith, Heather Smith, and Carly Whelan. Flotation Results from the TAS 2005 Field School, Lamar County, Texas. Co-authored poster presented at the Texas Archeological Society Annual Meeting in Austin, Texas.

Professional Contributions

- Winter 2014 Guest lecture for Anthro 110P: “Environmental Archaeology”.
Guest lecture for Anthro 111: “New Archaeology & Processual Archaeology”.
- Spring 2013 Coordinator for the Cotsen Institute Friday Seminar Series, “Advances in Archaeological Field Methods II”.
- Winter 2013 Speaker for UCLA Undergraduate Anthropological Association: “Using Paleoethnobotany to Reconstruct Farming and Foraging in the Neotropics”.
- Winter 2013, '12, '11, '10, '09 Panelist for Dept. of Anthropology Prospective Graduate Students event. Specifically, addressed questions about housing and transportation in Los Angeles, as well as extra-departmental resources for archaeologists.
- Fall 2013, '12, '11, '10 Panelist for Dept. of Anthropology Incoming Graduate Students orientation event. Specifically, provided input on applying for the NSF GRFP and subsequently read and reviewed proposal drafts.
- 2012 to 2013 Coordinator for the UCLA Cotsen Institute Graduate Student Archaeology Conference, “Scalar Inquiries in Archaeology”.
- 11/7/2012 Volunteer at the 2012-2013 Pacific Elementary School Science Night in Manhattan Beach, CA. Presented an interactive exhibit on stone tools.
- Summer 2012 Volunteer for the Smithsonian Tropical Research Institute in Panamá.
- Spring 2012, '11, '10, '09 Volunteer for the UCLA Cotsen Institute Open House Event. Coordinated demonstration of methods for recovering plant fossils from soil.
- Fall 2012, '11, '10 Moderator/Panelist for the UCLA Graduate Student Orientation Event, “Keys to Success: Doctoral Degrees in the Social Sciences”.
- Spring 2011 Contributor to Backdirt: Annual Review, a publication of the Cotsen Institute of Archaeology.

Winter 2011	Coordinator for the UCLA Department of Anthropology Graduate Admissions Recruitment Event.
2010 to 2011	Graduate Student Representative on the UCLA Department of Anthropology Graduate Admissions Committee.
Fall 2010	Coordinator for the UCLA Cotsen Institute Friday Seminar Series, “Food For Thought: Archaeology of Diet and Subsistence”.
Spring 2009	Speaker for UCLA Undergraduate Anthropological Association: “Post-Graduate Jobs in Archaeology”.
2008 to 2009	Volunteer for UCLA Project Literacy. Tutored children one-on-one in reading and writing at the Los Angeles Public Library Watts Branch.

Languages

English (native) and Spanish (intermediate)

Professional Memberships

Society for American Archaeology