

Executive Summary

Lisa Westwood is a Registered Professional Archaeologist with 24 years of cultural resource management experience (as of 2018), which is composed of contract archaeology, museum curation, and teaching experience in northern and central California, southern Utah, New Mexico, and the Midwest. She exceeds the Secretary of the Interior's Professional Qualifications Standards for prehistoric and historical archaeologist, holding a B.A. degree in Anthropology from the University of Iowa and an M.A. degree in Anthropology (Archaeology) from Eastern New Mexico University in Portales. Her technical areas of expertise include: regulatory compliance and cultural resources law; human bone (osteological) identification and analysis; Ancestral Puebloan archaeology; lithic debitage identification; and the emerging field of space heritage. She is the sole, senior, or contributing author to over 300 archaeology and cultural resources management technical reports and publications. In addition to regularly teaching part time in the anthropology departments at California State University-Chico and Butte College, and occasionally Eastern New Mexico University-Ruidoso, Ms. Westwood serves as the Director of Cultural Resources at ECORP Consulting, Inc., an environmental consulting firm headquartered near Sacramento, California.

Ms. Westwood is a co-founder of the Apollo 11 Preservation Task Force, a volunteer committee of preservation professionals who are working toward designation of Tranquility Base on the moon as a World Heritage site. She led the effort to list the Objects Associated with Tranquility Base on the California Register of Historical Resources, which was achieved in January 2010, followed by a successful listing on the New Mexico State Register of Cultural Properties. This successful effort represents the first time a cultural resource not located on Earth was designated on an historical registry. She has been actively working with members of Congress to have the site designated a National Historic Landmark and is seeking World Heritage List designation for the site.

Ms. Westwood recently co-chaired and organized the symposia on space heritage at the 2011 and 2013 Society for American Archaeology annual meetings. Her papers present the challenges and possible solutions to seeking formal cultural resources management of Tranquility Base from legal, national, and international perspectives. She has been featured or appeared in numerous media reports and interviews, including the television program, *California Life with Heather Dawson*, *Reuters International*, the *Washington Post*, NASA and the Smithsonian Institution's Key Moments in Human Spaceflight Symposium, and *Space Times Magazine*, among many others. She is also a regular contributor to the publication, *Quest: The History of Human Spaceflight*.

Education

Bachelor of Arts, Anthropology and Pre-medicine (1993): University of Iowa, Iowa City

Master of Arts, Anthropology (1996): Eastern New Mexico University, Portales

Thesis: *The Tower Kiva Human Remains: Salmon Ruins, New Mexico* (1996)

Candidacy Exams: High Pass (With Honors)

Professional Associations

Register of Professional Archaeologists, No.11692

Society for California Archaeology

Society for American Archaeology

Apollo 11 Preservation Task Force

Certifications and Permits

Certified Online Instructor, Butte College, 2006

Certified Online Instructor, Eastern New Mexico University, 2009

State of Nevada Antiquities Permit: Principal Investigator (Statewide, non-federal lands)

Bureau of Land Management, California Archaeological Investigations Permit: Principal Investigator

Bureau of Land Management, Nevada Cultural Resource Use Permit: Principal Investigator

San Diego County Approved Archaeologist

Teaching Awards

Exemplary Online Instruction Award, Center for Excellence in Learning and Teaching, California State University, Chico (for ANTH 112: Society, Time, and Archaeology hybrid class) – 2007

Nominated as Student's Choice for Butte College Teacher of the Year Award, Phi Theta Kappa International Honor Society – 2006

Selected Papers, Publications, and Presentations

2017: *The Final Mission: Preserving NASA's Apollo Sites*. University Press of Florida. Senior author, with M. Wayne Donaldson (ACHP) and Beth Laura O'Leary (NMSU)

"Historic Preservation on the Fringe: A Human Lunar Exploration Heritage Cultural Landscape." In *Archaeology and Heritage of the Human Movement into Space*. Springer Press. 2015

"Historic Preservation of Apollo 11's Tranquility Base: An Archaeological Site Representing the First Human Lunar Landing." Public presentation by Lisa Westwood, California State University-Chico Anthropology Forum, February 14, 2013.

"The Archaeology of Tranquility Base" by Lisa Westwood and Beth O'Leary. *Space Times Magazine* (the magazine of the American Astronautical Society). July / August 2012, Issue 4, Volume 51.

Beth O'Leary, Lisa Westwood, and Rob Kelso: "Stepping lightly on the moon: Anticipating tourists, researchers want to preserve Apollo 11 sites." *Washington Post*, Opinion Section, July 17, 2012.

Future Research Themes in Space Roundtable, 1961-1981 Key Moments in Human Spaceflight Conference, NASA Headquarters, Washington DC. NASA History Program Office and Smithsonian Air and Space Museum, April 27, 2011.

Lisa Westwood and Beth O'Leary: "Safeguarding Our Lunar Heritage" op-ed in *Space News*, December 7, 2011.

A representative sample of news articles and published articles are attached. A complete CV can be provided upon request, which provides citations for several hundred technical reports.

Teaching Experience

California State University-Chico, January 2006 to Present

Lecturer, Departments of Anthropology, Sociology, and Multicultural and Gender Studies.

SOSC 303: Cultural Concepts: Human Social Evolution

ANTH 112: Society, Time, and Archaeology

ANTH 140: Magic, Witchcraft, and Religion

ANTH 480: Advanced Field Archaeology (Field School)

ANTH 487: Heritage Resources Planning

ANTH/AIST 261: North American Indians

AIST 170: Introduction to American Indian Studies

ANTH/AIST 362: California Indians

ANTH 312: Cataclysmic Events in Human Prehistory

Butte Community College, Oroville, CA, August 2004 to Present

Associate Faculty, Department of Anthropology.

ANTH 16: Archaeology and Ancient Societies

ANTH 2: Physical Anthropology

ANTH 13: Magic, Witchcraft, and Religion

ANTH 4: Cultural Anthropology

Eastern New Mexico University - Ruidoso, Ruidoso, NM, August 2009 to Present

Adjunct Faculty.

ANTH 233/GEOG 233: People and Cultures of the World

ANTH 103/GEOG 103: Humans and Their Environments

Eastern New Mexico University, Portales, 1994-1996

Graduate/Research Assistant.

Albuquerque Public Schools, Albuquerque, New Mexico, 1997

Substitute Teacher.

Professional Experience in Field

ECORP Consulting, Inc., Rocklin, CA, June 2007 to Present

Director of Cultural Resources.

Cultural Resources Manager for Northern California.

Eco-Analysts, Chico, CA, January 2004 to June 2007

Project Manager and Principal Archaeologist.

California State University-Chico Research Foundation, Archaeological Research Program, Chico, CA, August 2003 to January 2007

Assistant Director.

Global Positive Solutions, November and December 2006

Consulting Archaeologist.

State of Utah, Department of Natural Resources, Division of Parks and Recreation, Anasazi State Park Museum, Boulder, Utah, December 2001 to August 2003

Museum Curator and Archaeologist.

California State University-Chico Research Foundation, Archaeological Research Program, Chico, CA, March 2000 to November 2001

Senior Staff Archaeologist.

URS Corporation, Chico, California, September 1997 to November 2001

Staff Archaeologist.

Mountain Anthropological Research, Chico, CA, 2000

Consulting Archaeologist.

University of New Mexico, Maxwell Museum of Anthropology / Human Osteology Laboratory, Albuquerque, 1997

Human Osteological Technician.

Milwaukee Public Museum, Milwaukee, Wisconsin, 1993-1994

Anthropology Intern.

Archaeological Rescue, Milwaukee, Wisconsin, 1993-1994

Archaeological Field Technician.

Office of the State Archaeologist, Iowa City, Iowa, 1993

Archaeological Lab Technician.

University of Iowa Department of Anthropology, Iowa City, Iowa, 1993

Archaeological Lab Technician.

Society for California Archaeology

Technical Editor / Desktop Publisher.

***Society for California Archaeology, via California State University-Chico
Research Foundation, November 2003 to November 2005 (intermittent)***

Society for California Archaeology Business Office.

Other Presentations (Selected)

- 2016 Assembly Bill 52 Tribal Consultation Workshops – 60 workshops presented since 2015 to agency staff, attorneys, planners, environmental professionals, tribes, and cultural resources management professionals statewide.
- 2003 Westwood, Lisa. Political Powers of the Prehistoric Puebloan Southwest. Presented at the 2003 Summer Lecture Series, Grand Staircase-Escalante National Monument, Bureau of Land Management, Kanab, Utah.
- 2002 Westwood, Lisa. The Archaeology of the Coombs Site (42GA34): Anasazi State Park Museum. Paper presented at the 2002 Summer Lecture Series, Grand Staircase-Escalante National Monument, Bureau of Land Management, Kanab, Utah.
- 2001 Hale, Mark, Maggie Trumbly, and Lisa Westwood. Preliminary Results of The Gap Construction Monitoring Project, San Francisco, California. Paper presented at the Northern California Data Sharing Meetings of the Society for California Archaeology at California State University, Chico. URS Corporation, Chico.
- 2000 Westwood, Lisa. Diagnosis Cannibalism: Some Alternative Theories from the American Southwest. Paper presented to an undergraduate anthropology class at California State University, Chico.
- 1996 Bergschneider, Lisa D. The Tower Kiva Human Remains: Salmon Ruins, New Mexico. Presented at the Annual Meeting of the San Juan County Museum Assoc., Bloomfield, New Mexico.
- 2009 Responding to RFPs and RFQs. Presented to ANTH 487, Heritage Resource Planning, Dr. Frank Bayham, California State University, 1.5 hours, Chico, March 23, 2009.
- 2008 Symposium Panel Member, Technology Mediated Instruction Workshop: "The Joys and Sorrows of Teaching with Technology," Butte College. 1.5 hours, held August 15, 2008.
- 2007 Guest Lecture: "RFPs, RFQs, and RPAs: Professional Archaeology from a CRM Firm's Perspective." Presented to ANTH 487, Heritage Resource Planning, Dr. Frank Bayham, California State University, Chico, 1.5 hours, October 22, 2007.
- 2006 Lead Instructor for Artifact Identification Module (with Greg White and Dan Elliott) in the workshop, Introduction to Cultural Resources Management and Monitoring, Greenville Rancheria and Susanville Rancheria in collaboration with the Society for California Archaeology and the Native American Programs Committee. Held June 2 and 3, 2006 at Susanville Rancheria.

- 2005 Archaeological Field Methods for the Big Chico Creek Ecological Reserve Project (Guest Lecture). Presented to the California State University Archaeological Field School class (Dr. Antoinette Martinez). 7 hours, held September 3, 2005 in the Archaeology Lab at CSUC.
- 2004 “Mitigation Monitoring Workshop” with Albert J. Beck, Ph.D. Hosted by the Center for Economic Development at California State University, Chico Research Foundation, Inc. and sponsored in part by Great Valley Center. Held April 21, 2004, Chico Municipal Building.
- 2002 “Anasazi State Park Museum: A Virtual Tour.” Presentation at Iron Mission State Park Museum, Cedar City, Utah, July 23, 2002.
- 2002 Intrigue of the Past. Presentations and demonstrations at Bryce Valley Elementary, Tropic, Utah, October 2-3.
- 2001 Expanding Your Horizons Workshop, CSUC. Presented an overview of archaeology to middle school and high school girls as part of a program to develop interest in the sciences. Organized a mock excavation project and brief presentation.

Professional Service and Volunteerism

Co-host of “Video News” on The Archaeology Channel during the International Film and Video festival seasons (2011 to 2014)

Pilot Faculty, Butte College Learning Management System Evaluation (2014-2015): selected by Butte Community College to pilot a new learning management system, Canvas, which eventually replaced Blackboard.

Pilot Faculty, Online Education Initiative (OEI) and Course Exchange Program (2015 – present): selected by Butte College to represent the college in the statewide OEI pilot program to standardize online instruction in California among community colleges, and teach Cultural Anthropology online, co-enrolled by various community college students through the OEI Course Exchange. More information about the OEI can be found at <http://ccconlineed.org/>.