

ANTHRO 2AC: INTRODUCTION TO ARCHAEOLOGY

FALL SEMESTER 2016

MWF 9:00-10:00am; 4 units; 2050 Valley Life Sciences Building

INSTRUCTOR:

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COURSE ABSTRACT:

Anthro 2AC is an introduction to the methods, goals, and theoretical concepts of archaeology. The field of archaeology is concerned with the study of past human societies based primarily on the material culture produced and used by people. For more than a century, archaeologists have been developing and refining a suite of methods for recovering and analyzing material cultural remains that have been deposited into the archaeological record. These material remains—artifacts, ecofacts, features, sites, etc.—often comprise a rather fragmentary, but nonetheless complex data base. This course explores how archaeologists employ these material remains to construct interpretations about past societies. Lecture topics will include discussions on the formation of the archaeological record; the history of archaeology; developing research designs; field methods (survey and excavation) for recovering and recording archaeological data; laboratory methods employed in the analysis of archaeological data; chronology; and generating interpretations about the past.

One of the themes that will be addressed throughout this course is the concept of “excluded pasts,” that is traditional histories written by the dominant culture that are often exclusionary in their accounts of ancient and recent peoples. Mainstream histories often exclude or present in a biased or distorted manner accounts of common or lower status families, members of minority groups, or individuals persecuted for religious, political or sexual persuasions. Until recently, archaeologists have tended to ignore most descendant communities in their research. Consequently, sensitive cultural materials were sometimes appropriated and placed in museums and curation facilities. As will be discussed in class, Native American scholars refer to this kind of archaeology as “scientific colonialism” or “imperial archaeology.” As a consequence of a growing backlash to these past practices, in combination with recent legislation involving the repatriation of material culture back to descendant communities, the field of archaeology is currently undergoing significant changes in its methods and practices as it attempts to become a more inclusive and collaborative science. The course will explore how archaeologists today are creating close working relationships with diverse stakeholders, participating in collaborative research teams, and undertaking educational outreach with the public.

Anthro 2AC will highlight an important goal of contemporary archaeology: the construction of alternative, pluralistic histories using multiple lines of evidence. Course lectures

and readings will consider how archaeology can provide a powerful methodology for constructing alternative histories of excluded peoples (and their encounters with dominant cultures) by examining the material culture of their daily practices. As we will see, the performance of daily routines produces patterned accumulations of material culture that are among the most interpretable kinds of deposits found in archaeological contexts. While most people may perceive these kinds of deposits as simply garbage or refuse collections, when analyzed by archaeologists they can provide critical insights about past people. The course examines how the archaeology of daily practice, when integrated with other sources of relevant information (oral traditions, oral histories, written records), provides the most powerful way to understand the past outside of a time machine.

The course will present case studies from California to highlight the potential of writing alternative histories about people with excluded pasts. The case studies will also highlight the benefits and challenges of working with diverse stakeholders and descendant communities in contemporary California. Case studies will focus on the archaeology of Native Californians (e.g., the Kashaya Pomo, Coast Miwok, Amah Mutsun Tribal Band), Hispanic and Euro-American colonial settlements, historic Chinese communities of the Bay Area, and recent Hippie communes (late 1960s).

PREREQUISITES: None

COURSE REQUIREMENTS:

Three exams required (two midterms and a final exam) and a short research paper (3-5 pages, typed, double space). The format of the final and midterm exams is a combination of multiple choice, identification, and essay questions. Participation in weekly discussion sections is mandatory. **Each student is responsible for signing up for a discussion section listed in the Schedule of Classes.** The final grade will be based on participation in the discussion section (20%), the two midterm exams (20% each), the final exam (30%), and short research paper (10%). The purpose of the research paper is to have students select an archaeological site or place in the greater San Francisco Bay Area or somewhere in California that will be the focus of archival/library research. Students will identify reports and publications written about the site, read a sample of the available literature, visit the site (if possible), and write up their observations in a 3-5 page paper (due in the last GSI section of the semester). If you are late turning in your research paper then you will be docked significant points for every day it is late.

DISCUSSION SECTIONS:

Students must sign up for a discussion section or risk being dropped from the course. Discussion sections are an important component of the course and you are expected to attend them. Discussion section assignments must be turned in on time to receive full credit. You will be docked points for every day your GSI assignments are late. Remember that performance in the discussion sections will count for 20% of your final grade.

SPECIAL NOTE:

Please note that **no make-up exams will be given in this class.** Please take a look at the exam dates and plan your schedule for the semester so that you will be here for each exam (that is, don't buy an airline ticket to go home until after the final exam). If you have a legitimate

scheduling problem, then please bring it to the attention of your Graduate Student Instructor or instructor within the first two weeks of class so that arrangements can be made ahead of time for you. A very, very rare exception to the “no make-up exam” policy may be made if arrangements are made **prior** to the exam and a valid doctor’s note excusing you from the exam is presented to the instructor. Also note that questions about the grading of exams can be brought to the attention of your Graduate Student Instructor **only** within one week after the exam has been handed back to you. In other words, you have one week to look over the exam to make sure that it is correctly graded. After the week is over, no changes will be made in the point scores for any exams.

REQUIRED TEXTBOOKS:

Ashmore, Wendy and Robert J. Sharer
2014 *Discovering Our Past: A Brief Introduction to Archaeology*. (6th edition)
Mayfield Publishing Co., Mountain View, California.

Additional journal articles and book chapters required for the semester are available on the Anthro 2AC bCourses site.

COURSE OUTLINE:

I. Introduction

Aug 24 Introductory Remarks

II. Why Study Archaeology?

Aug 26 Archaeology Defined
Excluded Pasts: Ancient History (Prehistory)
Aug 29 Excluded Pasts: Recent History
Historical Archaeology, Archaeology of Colonialism
Selective Representation of Past
Aug 31 Biases of Historical Record
Contemporary Perspectives
The Archaeology of Hippies
Sept 2 Case Study: Rathje’s Garbage Project
Study of Cultural Change, Micro and Macro scales
Historical Anthropology
Sept 5 Labor Day (No Class)
Sept 7 Stewardship of the Past, Public Education
Cultural Resource Management (CRM)
Work with Local Communities

III. Challenges of Studying Archaeological Materials

Sept 9 Archaeological Record: Differential Preservation
Contexts of Deposition
Sept 12 Introduce Archaeological Data
Recovery of Archaeological Remains
Sept 14 Recognition of Archaeological Remains
Sampling Issues, Formation Processes,

Sept 16 Dynamic Nature of Cultural Landscapes
 Use and Reuse of Archaeological Places
 Case Study: Prehistoric Shell Mounds of San Francisco Bay

IV. Archaeology and Contemporary Society

Sept 19 Stewards and Stakeholders,
 Archaeology as a Colonialist Enterprise (Scientific Colonialism)
 Repatriation, NAGPRA; Collaborative (Indigenous) Archaeology
 Sept 21 Collaborative Archaeology, Indigenous Archaeology

V. History of Archaeology

Sept 23 Practice of American Archaeology (1900-1920)
 Sept 26 Culture History Approach (1920-1960)

Sept 28 FIRST MIDTERM EXAM

Sept 30 Processual Archaeology (1960-1980)
 Oct 3 New Developments (1960-1980)
 Oct 5 Postprocessual Archaeology (1980-2010)
 Oct 7 Agency in Archaeology, Symbols, Critical Theory, Gender

VI. Research Design

Oct 10 Problem-Oriented Research,
 Cultural Resource Management
 Reasons for Research Design (Ethical Issues, Public Outreach)
 Oct 12 Variation and Flexibility in Research Designs
 Stages of the Research Design
 Formulation, Implementation
 Oct 14 Research Design Case Study: Duncan Village
 Oct 17 Summarizing the Research Design,
 Rethinking Archaeological Methods
 Oct 19 Low-Impact Field Methods

VII. Data Acquisition — Field Work

Oct 21 Regional Surveys (Macro-Scale)
 Multi-Phased Field Strategy, Surface and Subsurface Survey
 Geophysical Survey
 Oct 24 Field Decisions, Sampling Considerations
 Introduction to Excavation (Micro-Scale)
 Oct 26 Formation Processes, Context
 Matrix, Provenience, Association
 Oct 28 Excavation Steps (Penetrating, Clearing)
 Excavation Methods; Low Impact Field Practices
 Oct 31 Case Study: Metini Village Project

Nov 2 SECOND MIDTERM

Nov 4 Case Study: Overseas Chinese Archaeology in California

VIII. Analysis and Interpretation

Nov 7 Museum Research and Outreach, Mainstream Museums,
Tribal Museums

Nov 9 Issues Concerning Museum Research, Curation Crisis
Case Study: Working with 100 Year Old Archaeology Collections,
Hearst Museum of Anthropology, UC Berkeley

Nov 11 Veterans Day (No Class)

Nov 14 Constructing Interpretations, Reflexive Methodology
Using Multiple Lines of Evidence, Inclusion of Oral Traditions in
Archaeological Research

Nov 16 Decision Making in Laboratory Research
Classification

Nov 18 Analysis of Artifacts, Ecofacts, and Features

Nov 21 Analysis of Artifacts, Ecofacts and Features,
Study of Indigenous Landscape Management

Nov 23 Non-Instructional Day

Nov 25 Thanksgiving Holiday (No Class)

Nov 28 Chronology

Nov 30 Analytical Approaches

IX. Conclusion

Dec 2 Concluding Statements

X. Reading, Review, Recitation Week

Dec 5, 7, 9

XI. Final Exam

Dec 15 FINAL EXAM; Exam Group 16; 7:00-10:00 pm

REQUIRED READINGS

Aug 24 Introductory Remarks

Aug 26 Excluded Pasts: Ancient History (Prehistory)

Ashmore and Sharer 2014, Chap 1

Lightfoot, Kent and Otis Parrish

2009 Why California Indians Matter, pp. 2-36. In *California Indians and their Environment: An Introduction*. University of California Press, Berkeley, California.

Erlandson, Jon M. and Torben C. Rick

2015 The Kelp Highway and the First Californians. In *First Coastal Californians* edited by L. H. Gamble, pp. 9-14. SAR Press Santa Fe, New Mexico.

Aug 29 Excluded Pasts: Recent History

Deagan, Kathleen

1991 Historical Archaeology's Contributions to Our Understanding of Early America. In *Historical Archaeology in Global Perspective*, edited by L. Falk, pp. 97-112. Smithsonian Institution Press, Washington, D.C.

Lightfoot, Kent G.

2005 *Indians, Missionaries, and Merchants: The Legacy of Colonial Encounters on the California Frontiers*. University of California Press, Berkeley, California.
Read Pages 1-19.

Schneider, Tsim D. and Lee M. Panich

2014 Native Agency at the Margins of Empire: Indigenous Landscapes, Spanish Missions, and Contested Histories. In *Indigenous Landscapes and Spanish Missions: New Perspectives from Archaeology and Ethnohistory*, edited by L. M. Panich and T. D. Schneider, pp. 5-22. The University of Arizona Press, Tucson, Arizona

Aug 31 Contemporary Perspectives

Parkman, Breck

2011 Down With It: The Excavation of a California Hippie Commune.
Current Science Jan 7, 2011

Fernandez, Elizabeth R. and Breck Parkman

2011 The Commune Era of Olompali: Challenging our Assumptions of the Hippie Lifestyles. *SCA Proceedings* 25:1-11.

Sept 2 Introduction to the Garbage Project

Rathje, William and Cullen Murphy

2001 *Rubbish! The Archaeology of Garbage*. The University of Arizona Press, Tucson. Chapter 1 (pp 3-29) and Chapter 3 (pp 53-78)

Sept 7 Stewardship of the Past, Public Education, Introduce CRM

Altshchul, Jeffrey H. and Thomas C. Patterson

2010 Trends in Employment and Training in American Archaeology. In *Voices in American Archaeology*, edited by W. Ashmore, D. T. Lippert and B. J. Mills, pp. 291-316. SAA Press, Washington, D.C.

Little, Barbara J. and Larry J. Zimmerman

2010 In the Public Interest: Creating a More Activist, Civically Engaged Archaeology. In *Voices in American Archaeology*, edited by W. Ashmore, D. T. Lippert and B. J. Mills, pp. 131-159. SAA Press, Washington, D.C.

Sept 9 Archaeological Record: Differential Preservation

Fagan, Brian

1994 The Makah Find their History. In *Quest for the Past: Great Discoveries in Archaeology*. (2nd edition), pp. 81-97. Waveland Press, Prospect Heights, Illinois.

Lightfoot, Kent G.

2005 Archaeology and Indians: Thawing an Icy Relationship. *News from Native California* 19(1): 37-39.

Sept 12 Recovery of Archaeological Remains, Kinds of Archaeological Data

Ashmore and Sharer 2014, Chap 4, pp 60-65

Hyder, William and Georgia Lee

2015 Chumash Paintings on Stone. In *First Coastal Californians*, edited by L. H. Gamble, pp. 89-95. SAR Press, Santa Fe, New Mexico.

Sept 14 Recognition of Archaeological Remains

Jones, Terry L.

2015 Steinbeck Country Before Steinbeck. In *First Coastal Californians* edited by L. H. Gamble, pp. 42-49. SAR Press Santa Fe, New Mexico.

Stewart, R. M.

2002 The Archaeological Record and the Recognition of Evidence (pp. 19-35). In *Archaeology: Basic Field Methods*. Kendall/Hunt Publishing Company, Dubuque

Sept 16 Dynamic Nature of Cultural Landscapes

Lightfoot, Kent G. and Edward M. Luby

2012 Mound Building by California Hunter-Gatherers. In *The Oxford Handbook of North American Archaeology*, edited by T. R. Pauketat, pp. 212-223. Oxford University Press, New York.

Schneider, Tsim D.

2015 Placing Refuge and the Archaeology of Indigenous Hinterlands in Colonial California. *American Antiquity* 80(4):695-713.

Sept 19 Stewards and Stakeholders, NAGPRA, Kennewick Man

Burke, Heather and Claire Smith

2008 Perspectives on the Ancient One. In *Kennewick Man: Perspectives on the Ancient One*, edited by H. Burke, C. Smith, D. T. Lippert, J. Watkins and L. J. Zimmerman, pp. 20-25. Left Coast PRes, Walnut Creek, California.

Rasmussen, Morten and et. al. **(Optional Reading)**

2015 The Ancestry and Affiliation of Kennewick Man. *Nature* 523(455-458).

Wilcox, Michael V.

2010 NAGPRA and Indigenous Peoples: The Social Context and Controversies, and the Transformation of American Archaeology. In *Voices in American Archaeology*, edited by W. Ashmore, D. T. Lippert and B. J. Mills, pp. 178-192. SAA Press, Washington, D.C.

Sept 21 Collaborative Archaeology and Indigenous Archaeology

Lightfoot, Kent G.

2005 Collaboration: The Future of the Study of the Past. *News from Native California* 19(2):28-31.

Silliman, Stephen W. and T.J. Ferguson

2010 Consultation and Collaboration with Descendant Communities. In *Voices in American Archaeology*, edited by W. Ashmore, D. T. Lippert and B. J. Mills, pp. 48-72. SAA Press, Washington, D.C.

Sept 23 Practice of American Archaeology

Ashmore and Sharer 2014, Chap 2

Sept 26 Culture History Approach (1920-1960)

Ashmore and Sharer 2014, Chap 3

Sept 28 FIRST MIDTERM EXAM

Sept 30 Processual Archaeology (1960-1980)

Johnson, Matthew H.

2010 The 'New Archaeology' (pp 12-34). In *Archaeological Theory: An Introduction*. Wiley-Blackwell, Oxford. 2nd Edition

Oct 3 New Developments (1960-1980)

Johnson, Matthew H.

2010 Archaeology as Science (pp 35-49). In *Archaeological Theory: An Introduction*. Wiley-Blackwell, Oxford. 2nd Edition

Oct 5 Postprocessual Archaeology (1980-2016)

Johnson, Matthew H.

2010 Postprocessual and Interpretive Archaeologies (pp 102-121). In *Archaeological Theory: An Introduction*. Wiley Blackwell, Oxford. 2nd Edition

Oct 7 Archaeology and Gender, Summary of Three Approaches

Johnson, Mathew H.

2010 Archaeology and Gender (pp. 122-142). *Archaeological Theory: An Introduction*. Wiley Blackwell, Oxford. 2nd Edition

Ashmore and Sharer 2014, Chap. 9

Oct 10 Problem-Oriented Research

Stewart, R. M.

2002 Fieldwork: Motivations and Design (pp. 37-54). In *Archaeology: Basic Field Methods*. Kendall/Hunt Publishing Company, Dubuque, Iowa.

Oct 12 Stages of the Research Design

Ashmore and Sharer 2014, Chap 4, pp 79-85

Oct 14 Research Design Case Study: Duncan Village Project

Lightfoot, Kent G.

1984 *The Duncan Project: A Study of the Occupation Duration and Settlement Pattern of an Early Mogollon Pithouse Village*. Anthropological Field Studies No. 6. Office of Cultural Resource Management, Arizona State University, Tempe, Arizona. Read pp. 1-15.

Oct 17 Summarizing the Research Design, Rethinking Archaeological Methods

Lightfoot, Kent G.

2008 Collaborative Research Programs: Implications for the Practice of North American Archaeology. In *Collaborating at the Trowel's Edge: Teaching and Learning in Indigenous Archaeology*, edited by S. W. Silliman, pp. 211-227. University of Arizona Press, Tucson, Arizona.

Oct 19 Low-Impact Field Methods

Gonzalez, Sara L.

2016 Indigenous Values and Methods in Archaeological Practice: Low-Impact Archaeology through the Kashaya Pomo Interpretive Trail Project. *American Antiquity* 81(3):533-549.

Lightfoot, Kent G.

2006 Experimenting with Low-Impact Field Methods. *News from Native California* 19(4):16-19.

Oct 21 Survey Methods, Surface and Subsurface Survey

Ashmore and Sharer 2014, Chap 5, pp 86-101

Lightfoot, Kent G.

2006 Sensing Archaeology Under Our Feet: The Potential for Geophysical Survey in Native California. *News from Native California* 20(1):29-31, 37.

Oct 24 Field Decisions, Sampling Considerations

Ashmore and Sharer 2014, Chap 4, pp 76-79

Oct 26 Excavation, Formation Processes, Archaeological Context

Ashmore and Sharer 2014, Chap 4, pp 65-75

Oct 28 Penetrating/Clearing Excavation

Ashmore and Sharer 2014, Chap 5, pp 101-123

Oct 31 Case Study: Metini Village Project

Lightfoot, Kent G. and Sara L. Gonzalez

in press *Metini Village: An Archaeological Study of Sustained Colonialism. Volume 3, The Archaeology and Ethnohistory of Fort Ross, California*. Contributions of the University of California Archaeological Facility Archaeological Research Facility, Berkeley, California. Read pages 50-60.

Nov 2 SECOND MIDTERM EXAM**Nov 4 Case Study: Overseas Chinese Archaeology**

Voss, Barbara L.

2005 The Archaeology of Overseas Chinese Communities. *World Archaeology* 37(3):424-439.

Van Bueren, Thad M.

2008 Late-Nineteenth-Century Chinese Farm Workers in the California Mother Lode. *Historical Archaeology* 42(3):80-96.

Nov 7 Museum Research, Tribal Museums

Erikson, P.

1999 A-Whaling We Will Go: Encounters of Knowledge and Memory at the Makah Museum. *Cultural Anthropology* 14(4):556-583.

Voss, Barbara L.

2012 Curation as Research. A Case Study in Orphaned and Underreported Collections. *Archaeological Dialogues* 19(2):145-169.

Nov 9 Issues Concerning Museum Research, Curation Crisis

Lightfoot, Kent, Edward M. Luby and Lisa Pesnichak

2011 Evolutionary Typologies and Hunter-Gatherer Research: Rethinking the Mounded Landscapes of Central California. In *Hunter-Gatherer Archaeology as Historical Process*, edited by Kenneth E. Sassaman and Donald H. Holly, pp. 55-78. University of Arizona Press, Tucson.

**Nov 14 Constructing Interpretations: Reflexive Methodology
Using Multiple Lines of Evidence, Historical Anthropology**

Hodder, Ian

1999 Towards a Reflexive Method (Chap. 5, pp. 80-104). *The Archaeological Process: An Introduction*. Blackwell Publishers, Oxford.

Lightfoot, Kent G.

2006 California Colonial Histories: The Integration of Historical Documents, Native Oral Traditions, and Archaeology. In *Pedagogies of the Global*, edited by Arif Dirlik, pp. 255-271. Paradigm Publishers, Boulder, Colorado.

Nov 16 Decision Making in Laboratory Research

Ashmore and Sharer 2014, Chap 6

Echo-Hawk, Roger C.

2000 Exploring Ancient Worlds. In *Working Together: Native Americans and Archaeologists*, edited by K. E. Dongoske, M. Aldenderfer and K. Doehner, pp. 3-7. Society for American Archaeology, Washington, D.C.

Nov 18 Analysis of Artifacts, Ecofacts, and Features

Michaels, Gina

2005 Peck-Marked Vessels from San José Market Street Chinatown: A Study of Distribution and Significance. *International Journal of Historical Archaeology* 9(2): 123- 134.

Shackley, Steven

2001 The Stone Tool Technology of Ishi and the Yana of North Central California: Inferences for Hunter-Gatherer Cultural Identity in Historic California. *American Anthropologist* 102(40):693-712.

Nov 21 Analysis of Artifacts, Ecofacts, and Features

Cuthrell, Rob Q.

2013 Archaeobotanical Evidence for Indigenous Burning Practices and Foodways at CA-SMA-113. *California Archaeology* 5(2):265-290.

Lightfoot, Kent G., Rob Q. Cuthrell, Chuck J. Striplen and Mark G. Hylkema

2015 Managing the Land with Fire. In *First Coastal Californians* edited by L. H. Gamble, pp. 22-29. SAR Press Santa Fe, New Mexico.

Nov 28 Chronology

Ashmore and Sharer 2014, Chap 7

Nov 30 Analytical Approaches

Ashmore and Sharer 2014, Chap 8

Dec 2 Conclusion

Ashmore and Sharer 2014, Chap 10

Dec 15 FINAL EXAM