

## ANTHRO 2AC: INTRODUCTION TO ARCHAEOLOGY

FALL SEMESTER 2017

MWF 8:00-9:00am; 4 units; 105 Stanley Hall

### INSTRUCTORS:

Kent Lightfoot, Professor of Anthropology  
Office: 2251 College Building, Room 213;  
Phone: 510-642-1309; klightfoot@berkeley.edu  
Office Hours: M 9:30-11:30, W 11:00-12:00

Teaching Team: Alexandra McCleary (Head GSI), Felicia De Pena, Lisa Johnson,  
Katie Kinkopf, Venicia Slotten, Ruzel Ednalino

### 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 Hippy 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 23            Introductory Remarks

##### II. Why Study Archaeology?

Aug 25            Archaeology Defined  
Excluded Pasts: Ancient History (Prehistory)  
Aug 28            Excluded Pasts: Recent History  
Historical Archaeology, Archaeology of Colonialism  
Selective Representation of Past  
Aug 30            Biases of Historical Record  
Contemporary Perspectives  
The Archaeology of Hippies  
Sept 1            Case Study: Rathje’s Garbage Project  
Study of Cultural Change, Micro and Macro scales  
Historical Anthropology  
**Sept 4            Labor Day (No Class)**  
Sept 6            Stewardship of the Past, Public Education  
Cultural Resource Management (CRM)  
Work with Local Communities

##### III. Challenges of Studying Archaeological Materials

Sept 8            Archaeological Record: Differential Preservation  
Contexts of Deposition  
Sept 11           Introduce Archaeological Data  
Recovery of Archaeological Remains  
Sept 13           Recognition of Archaeological Remains  
Sampling Issues, Formation Processes,

- Sept 15      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 18      Stewards and Stakeholders,  
 Archaeology as a Colonialist Enterprise (Scientific Colonialism)  
 Repatriation, NAGPRA; Collaborative (Indigenous) Archaeology
- Sept 20      Collaborative Archaeology, Indigenous Archaeology
- V. History of Archaeology**
- Sept 22      Practice of American Archaeology (1900-1920)  
 Sept 25      Culture History Approach (1920-1960)
- Sept 27      FIRST MIDTERM EXAM**
- Sept 29      Processual Archaeology (1960-1980)  
 Oct 2        New Developments (1960-1980)  
 Oct 4        Postprocessual Archaeology (1980-2017)  
 Oct 6        Agency in Archaeology, Symbols, Critical Theory, Gender
- VI. Research Design**
- Oct 9        Problem-Oriented Research,  
 Cultural Resource Management  
 Reasons for Research Design (Ethical Issues, Public Outreach)
- Oct 11      Variation and Flexibility in Research Designs  
 Stages of the Research Design  
 Formulation, Implementation
- Oct 13      Research Design Case Study: Duncan Village
- Oct 16      Summarizing the Research Design,  
 Rethinking Archaeological Methods
- Oct 18      Low-Impact Field Methods
- VII. Data Acquisition — Field Work**
- Oct 20      Regional Surveys (Macro-Scale)  
 Multi-Phased Field Strategy, Surface and Subsurface Survey  
 Geophysical Survey
- Oct 23      Field Decisions, Sampling Considerations  
 Introduction to Excavation (Micro-Scale)
- Oct 25      Formation Processes, Context  
 Matrix, Provenience, Association
- Oct 27      Excavation Steps (Penetrating, Clearing)  
 Excavation Methods; Low Impact Field Practices
- Oct 30      Case Study: Metini Village Project
- Nov 1        SECOND MIDTERM**

Nov 3 Case Study: Overseas Chinese Archaeology in California

### **VIII. Analysis and Interpretation**

Nov 6 Museum Research and Outreach, Mainstream Museums,  
Tribal Museums

Nov 8 Issues Concerning Museum Research, Curation Crisis  
Case Study: Working with 100 Year Old Archaeology Collections,  
Hearst Museum of Anthropology, UC Berkeley

**Nov 10 Veterans Day (No Class)**

Nov 13 Constructing Interpretations, Reflexive Methodology  
Using Multiple Lines of Evidence, Inclusion of Oral Traditions in  
Archaeological Research

Nov 15 Decision Making in Laboratory Research  
Classification

Nov 17 Analysis of Artifacts, Ecofacts, and Features

Nov 20 Analysis of Artifacts, Ecofacts and Features,  
Study of Indigenous Landscape Management

**Nov 22 Non-Instructional Day**

**Nov 24 Thanksgiving Holiday (No Class)**

Nov 27 Chronology

Nov 29 Analytical Approaches

### **IX. Conclusion**

Dec 1 Concluding Statements

### **X. Reading, Review, Recitation Week**

Dec 4, 6, 8

### **XI. Final Exam**

**Dec 11 FINAL EXAM; Exam Group 1; 8:00-11:00 am**

## **REQUIRED READINGS**

**Aug 23 Introductory Remarks**

**Aug 25 Excluded Pasts: Ancient History (Prehistory)**

Ashmore and Sharer 2014, Chap 1

Lightfoot, Kent and Otis Parrish

2009 Why California Indians Matter, pp. 2-13. In *California Indians and their Environment: An Introduction*. University of California Press, Berkeley, California.

Erlanson, 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 28 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 30 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 1 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 6 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 8 Archaeological Record: Differential Preservation**

Fagan, Brian

1994 The Makah Find their History. In *Quest for the Past: Great Discoveries in Archaeology*. (2<sup>nd</sup> 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 11 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 13 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 15 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 18 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.

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 20 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 22 Practice of American Archaeology**

Ashmore and Sharer 2014, Chap 2

**Sept 25 Culture History Approach (1920-1960)**

Ashmore and Sharer 2014, Chap 3

**Sept 27 FIRST MIDTERM EXAM**

**Sept 29 Processual Archaeology (1960-1980)**

Johnson, Matthew H.

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

**Oct 2 New Developments (1960-1980)**

Johnson, Matthew H.

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

**Oct 4 Postprocessual Archaeology (1980-2017)**

Johnson, Matthew H.

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

**Oct 6 Archaeology and Gender, Summary of Three Approaches**

Johnson, Mathew H.

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

Ashmore and Sharer 2014, Chap. 9

**Oct 9 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 11 Stages of the Research Design**

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

**Oct 13 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 16 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 18 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 20 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 23 Field Decisions, Sampling Considerations**

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

**Oct 25 Excavation, Formation Processes, Archaeological Context**

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

**Oct 27 Penetrating/Clearing Excavation**

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

**Oct 30 Case Studies**

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.

Voss, Barbara L.

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

**Nov 1 SECOND MIDTERM EXAM****Nov 3 Case Study: Overseas Chinese Archaeology**

Van Bueren, Thad M.

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

Voss, Barbara L.

2015 The Historical Experience of Labor: Archaeological Contributions to Interdisciplinary Research on Chinese Railroad Workers. *Historical Archaeology* 49 (1): 4-24

**Nov 6 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.

Lightfoot, Kent G., 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 8 Issues Concerning Museum Research, Curation Crisis**

Luby, Edward M., Kent G. Lightfoot and Victoria Bradshaw

2013 Archaeological Curation and the Research Value of Archaeological Collections: A Case Study from California. *Collections: A Journal for Museum and Archives Professionals* 9(3):255-282.

Voss, Barbara L.

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

**Nov 13 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 15 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 17 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 20 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 27 Chronology**

Ashmore and Sharer 2014, Chap 7

**Nov 29 Analytical Approaches**

Ashmore and Sharer 2014, Chap 8

**Dec 1 Conclusion**

Ashmore and Sharer 2014, Chap 10

**Dec 11**

**FINAL EXAM**