

Anthropology 433

ANDEAN ARCHAEOLOGY

Spring 2018

Professor Clark L. Erickson

PROFESSOR:

Dr. Clark Erickson
435 Penn Museum
cerickso@sas.upenn.edu
215-898-2282

DESCRIPTION: ANTH 433: *Andean Archaeology* (Cross-listed as Latin American and Latino Studies 433)

This course provides a basic survey of the prehistory of civilizations in the Central Andean Region of South America (the central highland and coastal areas that today are Peru and Bolivia and parts of Ecuador, Chile, and Argentina). Topics include the history of South American archaeology, peopling of the continent, origins and evolution of agriculture, early village life, ceremonial and domestic architecture, prehistoric art and symbolism, Andean cosmology and astronomy, indigenous technology, the historical ecology of landscapes, outside contacts and relationships, economics and trade, social and political structure, state formation and urbanism, and early contacts with Europeans. The lectures and readings are based on recent archaeological investigations and interpretations combined with appropriate analogy from ethnohistory and ethnography. The prehistory of the Amazonian lowlands and "the intermediate area" of northern South America will be covered in other courses.

Slides and several films are used to illustrate concepts and sites presented in lecture. I generally do not stop the lecture to spell terminology, although periodically you will be provided handouts with lists of important terminology. Questions and comments are encouraged and may be asked before, during, or after lectures. I will also make use of artifacts from the extensive South American collections of the University of Pennsylvania Museum of Archaeology and Anthropology (Penn Museum).in class and/or in the collection rooms of the Penn Museum instead of in our regular classroom. Grading is based on 2 exams, a short object research paper, and class participation in discussions of readings.

CLASS MEETINGS: Tuesdays and Thursdays 1:30 - 3:00pm, Room 345, Penn Museum. On certain days, we will meet in the collections rooms of the Penn Museum to view and study Andean artifacts.

OFFICE HOURS: Thursdays 3:00 – 5:00pm. I will be available during office hours and after class if you have any questions regarding the course material, the department's program in anthropology, or archaeology in general. You can also see me by appointment if office hours conflict with your schedule.

ANTHROPOLOGY 433 ONLINE: A Canvas website for this course can be found at www.library.upenn.edu/courseware/ click on *ANTH 433: Andean Archaeology* after signing in with your PennKey. This homepage will include on-line versions of the course description, syllabus, readings, handouts, updates on reading assignments and lectures, recent news items on native Andean peoples, announcements about on-campus seminars and lectures related to the seminar topics, and links to web sites about native peoples. I recommend saving the address as a "bookmark" and regularly checking the site for new and updated information.

REQUIRED TEXTBOOK: I encourage you to order a copy of the textbook from Amazon, Barnes and Noble, or similar online bookstore. I will place the first textbook readings online as PDF to read before your copy arrives.

Quilter, Jeffrey
2014 *The Ancient Central Andes*. Routledge, New York.

REQUIRED READINGS:

With the exception of the Quilter textbook, the required and optional readings for *Anthropology 433: Andean Archaeology* will be available as PDF format files on the Blackboard Course Website.

MAPS & IMAGERY:

Google Earth Pro© (3D digital world maps at high resolution). Download and install the free version of software program on your computer to use for finding and viewing Andean archaeological sites from space and on the ground. You can download the free software and find information about the program at <http://earth.google.com/>

Bing Maps© (Digital world maps at high resolution). You can view this imagery online at <https://www.bing.com/maps> (click Aerial box on the upper right corner for color satellite imagery).

PREREQUISITES:

Because this is a 400-level course for undergraduates and graduate students, a basic understanding of anthropological concepts and terms, especially those of socio-cultural anthropology and archaeology, is required. All readings will be in English and knowledge of Spanish is not necessary (although reading ability in Spanish may be useful for readings pertaining to the object study).

REQUIRED READINGS:

The required readings come from the Quilter textbook and important articles and chapters about Andean Archaeology (see the Detailed Syllabus below for reading schedule). The non-textbook required readings are available as PDF files on the Blackboard (Courseweb) site for ANTH 433 in the folder "Course Documents" (with subfolders arranged by date). You are expected to do the readings before the class meeting.

<https://courseweb.library.upenn.edu/>

GRADING:

Grades will be based on 2 exams (a 1½ hour midterm and a 2 hour final) and a short writing assignment (30% midterm exam, 30% final exam, 30% written assignment, and 10% participation in discussions of the readings).

Examinations: The exams cover material presented in the lecture, readings, slide presentations, artifact presentations, tours of the collections, and films/videos. The exams are primarily long and short essay questions, with some brief identifications and definitions and map identifications. The final exam will not be cumulative, that is, it will only cover material presented after the midterm exam, although you will have to be familiar with the concepts and terminology presented earlier in the semester. We will schedule a short review/questions session before each exam if necessary. Please note that the **Midterm Exam** is on **Thursday, March 11, 2018** (in class; 1:30 - 3:00pm) and the **Final Exam** is on **Friday, December 14, 2018** (12:00pm - 2:00pm in our regular classroom).

Written Assignment: Each student will be assigned an archaeological object(s) from the collections of the American Section of the Penn Museum and responsible for writing a short paper (10 pages) describing, analyzing, and interpreting the object(s). The papers will be edited and published on a website about Andean artifacts at the Penn Museum. We will discuss the writing assignment in detail and deadlines later in the semester.

ACADEMIC INTEGRITY:

Students should be familiar with and respect the Academic Code of Integrity of the University of Pennsylvania. Any cheating or plagiarism in this course will be dealt with severely. Please see the Penn websites below for definitions of what constitutes plagiarism and cheating and how to avoid them:

Academic Code of Integrity:

<http://www.vpul.upenn.edu/osl/acadint.html>

Plagiarism - What it is and how to avoid it:

<http://gethelp.library.upenn.edu/guides/engineering/ee/plagiarize.html>

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SUMMARY COURSE SYLLABUS

- August 28: Introduction to the Course and the Andean Region
- August 30: Cultural Landscapes, Historical Ecology, and Chronology
- September 4: The Concepts of "Andean" and "Lo Andino"
- September 6: Andean Peoples, and the Roots of Andean Society
- September 11: Peopling of the Continent and Life after the Ice Age
- September 13: Domestication of Plants, Animals, and Landscapes
- September 18: Formative Cultures of Ecuador, Early Towns, Andean Highland and Amazonian Tropical Forest Interaction
- September 20: Early Urbanism and Monumentality in the Preceramic Period
- September 25: Rise of Complex Society in the Initial Period I
- September 27: Rise of Complex Society in the Initial Period II
- October 2: Chavín and the Early Horizon
- October 4: Paracas and Nasca Cultures of the Early Intermediate Period
- October 6: The Nasca Lines and the Sacred Landscapes of Sajama
- October 9: Professor at Conference
- October 11: **MIDTERM EXAM** (in class)
- October 16: Moche Culture of the Early Intermediate Period I
- October 18: Moche Culture of the Early Intermediate Period II; Andean Pilgrimage

October 23: Pachacamac, a Pan-Andean Ceremonial Center

October 25: Early Cultures of the Lake Titicaca Basin and Cuzco

October 30: The Expansionist Empires: Tiwanaku

November 1: Penn Museum Object Study (to be announced)

November 6: The Expansionist Empires: Wari

November 8: Andean Cultural Landscapes and Historical Ecology

November 13: The Chimú and Sicán Cultures of the Late Intermediate Period

November 15: Aymara Kingdoms & Others of the Late Intermediate Period

November 20: The Origins of the Inca Empire

November 22: Thanksgiving Break (no class)

November 27: The Inca Empire: The Heartland

November 29: The Inca Empire: The Provinces

December 4: The Colonial Experience

December 6: Andean Peoples Today and Contemporary Uses of the Past

December 14: **FINAL EXAM** 12:00pm - 2:00pm Friday, December 14, 2018

Please Note:

The syllabus is subject to change. Updates will be posted on the ANNOUNCEMENTS and COURSE DOCUMENTS (with readings for each class meeting) pages.

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DETAILED COURSE SYLLABUS

August 28: Introduction to the Course and the Andean Region

August 30: Cultural Landscapes, Historical Ecology, and Chronology

Quilter Text: Chapter 1: Backgrounds (entire chapter)

Quilter Text: On Orthography and Dating Issues (pp. xiv-xv)

D'Altroy, Terence N. 2000 Andean Land Use at the Cusp of History. In *Imperfect Balance: Landscape Transformations in the Precolumbian Americas*, edited by David Lentz, pp. 357-389, Columbia University Press, New York.

Optional:

Sandweiss, D.H., and Richardson, J.B. 2008 Central Andean Environments. In *Handbook of South American Archaeology*, edited by Helaine Silverman and William Isbell, pp. 93-104. Springer, New York.

September 4: The Concept of "Andean" and "Lo Andino"

Quilter Text: Chapter 2: Space, Time, and Form in the Andes (pp. 23-38 only)

Salomon, Frank and George Urioste (translators) 1991 Chapter 1 excerpts: Into the world of the huacas. In *The Huarochiri Document. A Testament of Ancient and Colonial Andean Religion*, edited by Fran Salomon and George Urioste, pp. 14-28. University of Texas Press, Austin.

Lane, Kevin 2011 Inca. In *The Oxford Handbook of the Archaeology of Ritual and Religion*, Edited by Timothy Insoll, pp. 1-18, Oxford, London.

Weismantel, Mary 2006 Ayllu, Real and Imagined: The Romance of Community in the Andes, In *The Seductions of Community: Emancipations, Oppressions, Quandaries*, edited by Gerald Creed, pp. 77-100. School of American Research, Santa Fe.

Allen, Catherine J. 1981 To be Quechua: The Symbolism of Coca Chewing in Highland Peru. *American Ethnologist* 8(1):157-171.

Optional:

Shimada, Izumi, and Rafael Vega-Centeno 2011 Peruvian Archaeology: Its Growth, Characteristics, Practice and Challenges. In *World Archaeologies: A Comparative Perspective*, edited by Ludomir Lozny, pp. 569-612. Springer Verlag, New York.

September 6: Andean Peoples, and the Roots of Andean Society

Quilter Text: Chapter 2: Space, Time, and Form in the Andes (pp. 23-38 only)

Moseley, Michael 2001 Chapter 3: The Inca Mode of Statecraft. In *The Incas and their Ancestors*. pp. 51-85. Thames and Hudson, New York.

Staller, John 2008 Dimensions of Place: The Significance of Centers to the Development of Andean Civilization: An Exploration of the Ushnu Concept. In *Pre-Columbian Landscapes of Creation and Origin*, edited by John Staller, pp. 269-313. Springer, New York. **[Read pages 269-285 only]**

Urton, Gary 2008 The Inca Khipu: Knotted-Cord Record Keeping in the Andes In *Handbook of South American Archaeology*, edited by Helaine Silverman and William H. Isbell, pp.831-843. Springer, New York.

Optional:

Isbell, William 1995 Constructing the Andean Past or "As You Like It". *Journal of the Steward Anthropological Society* 23(1-2):1-12.

Lau, George F. 2008 Ancestor Images in the Andes. In *Handbook of South American Archaeology*, edited by Helaine Silverman and William Isbell, pp. 1047-1060, Springer, New York.

Mann, Charles 2003 Cracking the Khipu Code. *Science* 300:1650-1651.

Mann, Charles 2005 Unraveling Khipu's Secrets. *Science* 309:1008-1009.

September 11: Peopling of the Continent and Life after the Ice Age

Quilter Text: Chapter 3: The Early and Middle Preceramic Periods (pp. 51-64 only)

Dillehay, Thomas
1997 The Battle of Monte Verde. *The Sciences*. January-February, pp. 28-33.

Meltzer, David and Thomas Dillehay 1999 Search for the Earliest Americans. *Archaeology*

52(1):60-61.

Nemecek, Sasha. 2000 Who Were the First Americans? *Scientific American* 283(3):80-88.

Sandweiss, Daniel H. 2008 Early Fishing Societies in Western South America. In *Handbook of South American Archaeology*, edited by Helaine Silverman and William Isbell, pp. 145-156. Springer, New York.

Optional:

Dillehay, Tom D. 2008 Profiles in Pleistocene History. In *Handbook of South American Archaeology*, edited by Helaine Silverman and William Isbell, pp. 29-43. Springer, New York pp. 29-43.

September 13: Domestication of Plants, Animals, and Landscapes

Quilter Text: Chapter 3: The Early and Middle Preceramic Periods (pp. 64-80 only)

Hastorf, Christine A. and Sissell Johannessen 1993 Pre-Hispanic Political Change and the Role of Maize in the Central Andes of Peru. *American Anthropologist* 95(1):115-138. READ pages 115-122, 132-134 (the rest of the article is optional)

Stahl, Peter W. 2008 Animal Domestication in South America. In *Handbook of South American Archaeology*, edited by Helaine Silverman and William H. Isbell, Springer, New York, pp. 121-130.

Jennings, Justin 2005 La Chichería y El Patron: Chicha and the Energetics of Feasting in the Prehistoric Andes. In *Foundations of Power in the Prehispanic Andes*, edited by Kevin Vaughn, Dennis Ogburn, and Christina Conlee, pp. 241-259. Archaeological Papers of the American Anthropological Association no. 14.

Optional:

Pearsall, Deborah 2008 Plant Domestication and the Shift to Agriculture in the Andes. In *Handbook of South American Archaeology*, edited by Helaine Silverman and William H. Isbell, pp. 105-120. Springer, New York.

Oliver, Jose 2008 The Archaeology of Agriculture in Ancient Amazonia. In *Handbook of South American Archaeology*, edited by Helaine Silverman and William H. Isbell, pp. 185-216. Springer, New York.

September 18: Formative Cultures of Ecuador, Early Towns, Andean Highland and Amazonian Tropical Forest Interaction

Quilter Text: Chapter 4: The Late Preceramic Period (pp. 81-85 only)

Zeidler, James 2008 Real Alto. In *Encyclopedia of Latin American History and Culture*, edited by Jay Kinsbruner, pp. Charles Scribners & Sons, New York.

Zeidler, James 2000, Gender, status, and community in Valdivia society. In *The Archaeology of Communities: A New World Perspective*, edited by Marcello Canuto and Jason Yaeger, pp. 161–181. Routledge, London.

Atwood, Roger 2017 Connecting Two Realms. *Archaeology* July/August:55-62.

Valdéz, Francisco 2014 Archaeological investigations in Palanda, Santa Ana-La Florida (Ecuador). In *High Amazonian Archaeology: Origins of Civilization in Peru*, edited by Quirino Olivera Nunez, pp. Association los Andes de Cajamarca, Cajamarca. [every other page is the English versión]

Optional:

Raymond, J. Scott 2008 The Process of Sedentism in Northwestern South America. In *Handbook of South American Archaeology*, edited by Helaine Silverman and William H. Isbell, pp. 79-90. Springer, New York.

Stahl, Peter W. 2004 Archaeology: Greater Expectations. *Nature* 432:561-562.

September 20: Early Urbanism and Monumentality in the Preceramic Period

Quilter Text: Chapter 4: The Late Preceramic Period (pp. 85-109 only)

Pringle, Heather 2001 The First Urban Center in the Americas. *Science*. 292:621-622.

Mann, Charles 2005 Oldest Civilization in the Americas Revealed. *Science* 307:34-35.

Shady, Ruth 2008 *The social and cultural values of Caral-Supe, the oldest civilization of Peru and the Americas, and their role in integrated sustainable development*. Proyecto Especial Arqueológico Caral-Supe/ INC, Lima.

Haas, Jonathan, Winifred Creamer, and Alvaro Ruiz 2005 Power and the Emergence of Complex Polities in the Peruvian Preceramic. In *Foundations of Power in the Prehispanic Andes*, edited by Kevin Vaughn, Dennis Ogburn, and Christina Conlee, pp. 37-52. Archaeological Papers of the American Anthropological Association no. 14.

Sandweiss, Daniel H., Ruth Shady Solís, Michael E. Moseley, David K. Keeferd, and Charles R. Ortloff 2009 Environmental change and economic development in coastal Peru between 5,800 and 3,600 years ago. *PNAS* 106(5):1359–1363.

Optional:

Burger, Richard 1992 Chapter 2: The Late Preceramic and the Beginnings of Peruvian Civilization. In *Chavin and the Origins of Andean Civilization*. Thames and Hudson, New York, pp. 27-55.

Pozorski, Shelia and Thomas Pozorski 2008 Early Cultural Complexity on the Coast of Peru. In *Handbook of South American Archaeology*, edited by Helaine Silverman and William H. Isbell, Springer, New York, pp. 607-631. **[Read pages 607-614 only]**

Shady Solis, Ruth, 2006 America's First City? The Case of Late Archaic Caral. In *Andean Archaeology III*, edited by W. Isbell et H. Silverman, p. 28-66. Springer, New York.

Sandweiss, Daniel and Michael Moseley 2001 Amplifying Importance of New Research in Peru, *Science* 294(5547):1651-1652.

Haas, Jonathan and Winifred Creamer 2001 Response, *Science* 294(5547):1652-1653.

September 25: Rise of Complex Society in the Initial Period I

Quilter Text: Chapter 5: The Initial Period (entire chapter)

Burger and Salazar 2012 Monumental Public Complexes and Agricultural Expansion on Peru's Central Coast during the Second Millennium BC. In *Early New World Monumentality*. Edited by Burger, Richard and Robert M. Rosenwig, pp. 399-430. University of Florida Press: Gainesville.

Pozorski, Shelia and Thomas Pozorski 1994 Early Andean Cities. *Scientific American* 270(6):66-72.

Optional:

Pozorski, Shelia and Thomas Pozorski 2008 Early Cultural Complexity on the Coast of Peru. In *Handbook of South American Archaeology*, edited by Helaine Silverman and William H. Isbell, pp. 607-631. Springer, New York.

Burger, Richard Chapter 3: Initial Period Societies on the Coast. In *Chavin and the Origins of Andean Civilization*. Thames and Hudson, New York, pp. 57-127.

September 27: Rise of Complex Society in the Initial Period II

Rosenwig, Robert and Richard L. Burger 2012 Considering Early New World Monumentality. In *Early New World Monumentality*. Edited by Richard Burger and Robert M. Rosenwig, pp. ?. University of Florida Press: Gainesville.

Dillehay, Tom 1990 Mapuche Ceremonial Landscape, Social Recruitment and Resource Rights. *World Archaeology* 22(2):223-241.

Optional:

Makowski, Krzysztof 2008 Andean Urbanism. In *Handbook of South American Archaeology*, edited by Helaine Silverman and William H. Isbell, pp. 633-657. Springer, New York.

Moore, Jerry 2004 Power and Practice in the Prehispanic Andes: Final Comments. In *Foundations of Power in the Prehispanic Andes*, edited by Kevin J. Vaughn, Dennis Ogburn, and Christina A. Conlee, pp. 261–274. Archaeological Papers of the American Anthropological Association, Vol. 14.

October 2: Chavín and the Early Horizon

Quilter Text: Chapter 6: The Early Horizon (pp. 139–157 only)

Burger, Richard 2008 Chavín de Huántar and Its Sphere of Influence. In *Handbook of South American Archaeology*, edited by Helaine Silverman and William H. Isbell pp. 681-703. Springer, New York.

Rick, John 2005 The Evolution of Authority and Power at Chavín de Huantar, Peru. In *Foundations of Power in the Prehispanic Andes*, edited by Kevin Vaughn, Dennis Ogburn, and Christina Conlee, pp. 71-89. Archaeological Papers of the American Anthropological Association no. 14.

Pozorski, Shelia and Thomas Pozorski 2008 Early Cultural Complexity on the Coast of Peru. In *Handbook of South American Archaeology*, edited by Helaine Silverman and William H. Isbell, pp. 607-631. Springer, New York. **[Read page 62-627 only]**

Burger, Richard Sections about Civilization. *Chavin and the Origins of Andean Civilization*. Thames and Hudson, New York, **[Read pp. 8-9; pp. 220-227]**.

Optional:

Lathrap, Donald W. 1973 Gifts of the Cayman: Some Thoughts on the Subsistence Basis of Chavin. In *Variation in Anthropology*, edited by D. W. Lathrap and J. Douglas, pp. 91-105. Illinois Archaeological Survey, Urbana.

Urton, Gary 1996 The Body of Meaning in Chavin Art. *RES* 29/20:237-255.

October 4: Paracas and Nasca Cultures of the Early Intermediate Period

Quilter Text: Chapter 6: The Early Horizon (pp. 152-159 only)
Quilter Text: Chapter 7: The Early Intermediate Period (pp. 186-192 only)

Proulx, Donald 2008 Paracas and Nasca: Regional Cultures on the South Coast of Peru. In *Handbook of South American Archaeology*, edited by Helaine Silverman and William H. Isbell, pp. 563-585. Springer, New York.

Silverman, Helaine 1990 The Early Nasca Pilgrimage Center of Cahuachi and the Nasca Lines: Anthropological and Archaeological Perspectives. In *The Lines of Nasca*, edited by Anthony Aveni, pp. 208-244. American Philosophical Society, Philadelphia.

October 6: The Nasca Lines and the Sacred Landscapes of Sajama

Silverman, Helaine and Donald Proulx 2002 Chapter 7: The Geoglyphs of the Rio Grande de Nazca Drainage. In *The Nasca*. Blackwell, Oxford, pp. 163-192.

Frame, Mary 2001 Blood, Fertility, and Transformation: Interwoven themes in the Paracas Necropolis Embroideries. In *Ritual Sacrifice in Ancient Peru*, edited by Elizabeth Benson and Anita Cook, pp. 55-92. University of Texas Press, Austin.

October 9: Professor at Conference (class cancelled)

October 11: MIDTERM EXAM (in class)

October 16: Moche Culture of the Early Intermediate Period I

Quilter Text: Chapter 7: The Early Intermediate Period (pp. 168-182 only)

Quilter, Jeffrey Michelle Koons 2012 The Fall of the Moche: A Critique of Claims for the South America's First State. *Latin American Antiquity* 23(2):127-143.

Bourget, Steve 2005 Who were the priests, the Warriors, and the prisoners? A peculiar problem of identity in Moche Culture and Iconography, North Coast of Peru. In *Us and Them: Archaeology and Ethnicity in the Andes*, edited by Richard Reycraft, pp. 73-85. Cotsen Institute of Archaeology, Monograph 53, UCLA, Los Angeles.

Optional:

Quilter, Jeffrey 2002 Moche Politics, Religion, and Warfare *Journal of World Prehistory* 16(2):145-195.

October 18: Moche Culture of the Early Intermediate Period II

Verano, John W. 2008 Trophy Head-Taking and Human Sacrifice in Andean South America. In

Handbook of South American Archaeology, edited by Helaine Silverman and William H. Isbell, pp. 1045-1058. Springer, New York.

Castillo, Luis Jaime 2006 Five Sacred Priestesses at El Moro. *Arqueos* 1(3).

Optional:

Weismantel, Mary 2004 Moche Sex Pots: Reproduction and Temporality in Ancient South America. *American Anthropologist* 106(3):495-505.

Alcalde, Cristina 2004 Leaders, healers, laborers, and lovers: Reinterpreting women's roles in Moche Society. In *Ungendering Civilization*, edited by K. Anne Pyburn pp. 136-155. Routledge, New York.

October 28: Pachacamac, a Pan-Andean Ceremonial and Pilgrimage Center; Film *In the Footsteps of Taytacha*

Quilter Text: Chapter 7: The Early Intermediate Period (pp. 182-185 only)

Quilter Text: Chapter 9: The Late Intermediate Period (pp. 250-252 only)

Eeckhout, Peter 2013 Change and permanency on the coast of ancient Peru: the religious site of Pachacamac. *World Archaeology* 45:1, 137-160.

Eeckhout, Peter 2005 Ancient Peru's Power Elite. *National Geographic* 207(3):52-57.

Silverman, Helaine 1990 The Early Nasca Pilgrimage Center of Cahuachi and the Nasca Lines: Anthropological and Archaeological Perspectives. In *The Lines of Nasca*, edited by Anthony Aveni, pp. 208-244. American Philosophical Society, Philadelphia [**read pages 229-231 only**]

Boytner, Ran 2004 Clothing the Social World. In *Andean Archaeology*, edited by Helaine Silverman, pp. 167-182. Blackwell, New York.

Optional:

Randall, Robert 1987 Return of the Pleiades. *Natural History* (6):43-52.

Silverman, Helaine

2001 The Ethnography and Archaeology of Two Andean Pilgrimage Centers. In *Pilgrimage in Latin America*, edited by N. R. Crumrine and A. Morinis, pp. 215-228. Greenwood Press, New York.

Eeckhout, P. (2000). The palaces of the lords of Ychsma: An archaeological reappraisal of the function of pyramids with ramps at Pachacamac, central coast of Peru. *Revista de Arqueología Americana* 17-19: 217-254.

October 25: Early Cultures of the Lake Titicaca Basin and Cuzco

Quilter Text: Chapter 6: The Early Horizon (pp. 159-167 only)

Quilter Text: Chapter 7: The Early Intermediate Period (pp. 192-198 only)

Hastorf, Christine 2003 Community with the ancestors: ceremonies and social memory in the Middle Formative at Chiripa, Bolivia. *Journal of Anthropological Archaeology* 22:305-332.

Optional:

Hastorf, Christine 2008 The Formative Period in the Titicaca Basin. In *Handbook of South American Archaeology*, edited by Helaine Silverman and William H. Isbell pp. 545-561. Springer, New York,

October 30: The Expansionist Empires: Tiwanaku

Quilter Text: Chapter 8: The Middle Horizon (pp. 199-205; 207-218 only)

Stanish, Charles 2002 Tiwanaku Political Economy. In *Andean Archaeology I: Variations in Socio-Political Organization*, edited by William Isbell and Helaine Silverman, pp. 169-198. Kluwer Academic, New York.

Janusek, John 2004 Household and City in Tiwanaku. In *Andean Archaeology*, edited by Helaine Silverman, pp. 183-208. Blackwell, Oxford.

Goldstein, Paul 2013 Embedded Andean Economic Systems and the Expansive Tiwanaku State: A Case for a State without Market Exchange. In *Merchants, Markets, and Exchange in the Pre-Columbian World*, edited by Kenneth G. Hirth and Joanne Pillsbury, pp. 361-472. Dumbarton Oaks, Washington DC.

Optional:

Goldstein, Paul 1999 Communities without Borders: The Vertical Archipelago, and Diaspora Communities in the Southern Andes. In *The Archaeology of Communities: A New World Perspective*, edited by Jason Yaeger and Marcello Canuto, editors, pp 182-209. Routledge Press, NY.

Kolata, Alan 2003 Tiwanaku Ceremonial Architecture and Urban Organization. In *Tiwanaku and Its Hinterland: Archaeology and Paleoecology of an Andean Civilization. 2: Urban and Rural Archaeology*. Smithsonian Institution Press, Washington DC, pp. 175-201.

Janusek, John 2005 Residential Diversity and the Rise of Complexity in Tiwanaku. In *Advances in Titicaca Basin Archaeology-1*, edited by Charles Stanish, Amanda Cohen, and Mark

Aldenderfer, pp. 143-172. Cotsen Institute of Archaeology, UCLA.

November 1: Penn Museum Object Study (to be announced)

November 6: The Expansionist Empires: Wari

Quilter Text: Chapter 8: The Middle Horizon (pp. 205-212; 218-229 only)

McEwan, Gordon F. and Patrick Ryan Williams 2012 The Wari Built Environment: Landscape and Architecture of Empire. In *Wari: Lords of the Ancient Andes*, edited by Susan E. Bergh, pp. 103–112. Thames and Hudson, London.

Nash, Donna and Patrick Ryan Williams 2005 Architecture and Power on the Wari-Tiwanaku Frontier. In *Foundations of Power in the Prehispanic Andes*, edited by Kevin Vaughn, Dennis Ogburn, and Christina Conlee, pp. 151-174. Archaeological Papers of the American Anthropological Association no. 14.

Isbell, William and Alexei Vranich 2004 Experiencing the Cities of Wari and Tiwanaku. In *Andean Archaeology*, edited by Helaine Silverman, pp. 167-182. Blackwell, New York

Jennings, Justin 2006 Core, Peripheries, and Regional Realities in Middle Horizon Peru. *Journal of Anthropological Archaeology* 25: 346-370.

Jennings, Justin 2006 Understanding Middle Horizon Peru: Hermeneutic Spirals, Interpretative Traditions, and Wari Administrative Centers. *Latin American Antiquity* 16: 265-286.

Optional:

Isbell, William H. 2008 Wari and Tiwanaku: International Identities in the Central Andean Middle Horizon. In *Handbook of South American Archaeology*, edited by Helaine Silverman and William H. Isbell, pp. 731-759 Springer, New York.

Michael E. Moseley; Donna J. Nash; Patrick Ryan Williams; Susan D. DeFrance; Ana Miranda; Mario Ruales 2005 Burning down the Brewery: Establishing and Evacuating an Ancient Imperial Colony at Cerro Baúl, Peru. *Proceedings of the National Academy of Sciences of the United States of America* 102(48):17264-17271.

November 8: Andean Cultural Landscapes and Historical Ecology

Erickson, Clark 2000 The Lake Titicaca Basin: A Pre-Columbian Built Landscape. In *Imperfect Balance: Landscape Transformations in the Precolumbian Americas*, edited by David Lentz, pp. 311-356. Columbia University Press, New York.

Erickson, Clark 2018 The Domesticated Landscapes of the Andes. In *The Andean World*, edited

by Linda J. Seligmann and Kathleen Fine-Dare, pp. 29-43. Routledge Press, New York

Browman, David L. 1983 Tectonic Movement and Agrarian Collapse in Prehispanic Peru. *Nature* 302:568-569.

November 13: The Chimú and Sicán Cultures of the Late Intermediate Period

Quilter Text: Chapter 9: The Late Intermediate Period (entire chapter)

Moore, Jerry D. and Carol J. Mackey 2008 The Chimú Empire. In *Handbook of South American Archaeology*, edited by Helaine Silverman and William H. Isbell, pp. 783-807. Springer, New York.

Pillsbury, Joanne and Banks L. Leonard 2004 Identifying Chimú Palaces: Elite Residential Architecture in the Late Intermediate Period. In *Palaces of the Ancient New World*, edited by Susan Toby Evans and Joanne Pillsbury, pp. 247-298. Dumbarton Oaks, Washington DC.

Shimada, Izumi, and Jo Ann Griffin

2005 Precious Metal Objects of the Middle Sican. In *Mysteries of the Ancient Ones*. Special edition of *Scientific American* 15(1): 80-89.

Optional:

Shimada, Izumi, Shinoda, Ken-ichi, Farnum, Julie, Corruccini, Robert S., and Hirokatsu Watanabe 2004 An Integrated Analysis of Pre-Hispanic Mortuary Practices: A Middle Sican Case Study. *Current Anthropology* 45(3):369-402.

Shimada, Izumi 2000 The Late Prehispanic Coastal States. In *The Inca World*, edited by Laura Laurencich Minelli, pp. 49-226. University of Oklahoma Press, Norman.

November 15: Aymara Kingdoms & Others of the Late Intermediate Period

Ghezzi, Iván and Clive L. N. Ruggles 2011 The social and ritual context of horizon astronomical observations at Chankillo. *Proceedings of the International Astronomical Union* 7:S278):144-153.

Church, Warren B. and Adriana Von Hagen Chachapoyas: Cultural Development at an Andean Cloud Forest Crossroads. In *Handbook of South American Archaeology*, edited by Helaine Silverman and William Isbell, pp. 903-926. Springer, New York, 2008

Arkush, Elizabeth and Charles Stanish 2005 Interpreting Conflict in the Ancient Andes. *Current Anthropology* 46(1):3-28 (with comments and response).

Stanish, Charles 2002 The Aymara Kingdoms. In *Encyclopedia of Prehistory, Volume 7: South America*, edited by Peter Pereguine and Melvin Ember, Pp. 34-37. Kluwer, New York.

Brown Vega, Margaret and Nathan Craig 2009 New Experimental Data on the Distance of Sling Projectiles. *Journal of Archaeological Science* 36:1264–1268.

November 20: The Origins of the Inca Empire

Alconini and Covey 2018 *The Oxford Handbook of the Incas*. Oxford Press, Oxford.
Select chapters

Quilter Text: Chapter 9: The Late Horizon (pp. 261-275 only)

Hyslop, John 1990 Chapter 2: Cuzco. In *Inka Settlement Planning*. University of Texas Press, Austin, pp. 29-68. (used in ANTH 254 course)

D’Altroy, Terence N. 2000 Andean Land Use at the Cusp of History. In *Imperfect Balance: Landscape Transformations in the Precolumbian Americas*, edited by David Lentz, Columbia University Press, New York. [Read section on “Land Use in the Cuzco Heart Land” pages 368-376].

Optional:

Covey, R. Alan 2003 A Processual study of Inka state formation. *Journal of Anthropological Archaeology* 22:333-357.

November 22: Thanksgiving Break

November 27: The Inca Empire: The Heartland

Alconini and Covey 2018 *The Oxford Handbook of the Incas*. Oxford Press, Oxford.
Select chapters

Moseley, Michael 2001 Chapter 3: The Inca Mode of Statecraft. In *The Incas and their Ancestors*. pp. 51-85. Thames and Hudson, New York. **(skim read)**

Wachtel, Nathan 1977 The Structure of the Inca State. In *The Vision of the Vanquished: The Spanish Conquest of Peru through Native Eyes, 1530-1570*. Barnes and Noble, New York, pp. 61-84.

Costin, Cathy 1998 Housewives, Chosen Women, Skilled Men: Cloth Production and Social Identity in the Late Prehispanic Andes. In *Craft and Social Identity*, edited by Cathy Lynne Costin and Rita P. Wright, pp. 123-141. American Anthropological Association, Washington DC.

November 29: The Inca Empire: The Provinces

Alconini and Covey 2018 *The Oxford Handbook of the Incas*. Oxford Press, Oxford.
Select chapters

Quilter Text: Chapter 9: The Late Horizon (pp. 276-287 only)

Rostworowski, Maria and Craig Morris 1999 The Fourfold Domain: Inka Power and its Social Foundations. In *The Cambridge History of the Native Peoples of the Americas*, edited by Frank Salomon and Stuart B. Schwartz, pp. 734-769. Cambridge, University Press, Cambridge.

McEwen, Colin and Maarten Van de Guchte 1992 Ancestral Time and Sacred Space in Inca State Ritual. In *The Ancient Americas: Art from Sacred Landscapes*, edited by Richard Townsend, pp. 359-371. Art Institute, Chicago.

Gose, Peter, 2000 The State as Chosen Woman: Brideservice and the Feeding of Tributaries in the Inka Empire. *American Anthropologist* 102(1):84-97.

Gose, Peter 1996 Oracles, Divine Kingship, and Political Representation in the Inka State. *Ethnohistory* 43(1):1-32.

Optional:

Bray, Tamara 2003 Inka Pottery as Culinary Equipment: Food, Feasting, and Gender in Imperial State Design. *Latin American Antiquity* 14(1):3-28.

Covey, R. Alan 2008 The Inca Empire. In *Handbook of South American Archaeology*, edited by Helaine Silverman and William H. Isbell, pp. 809-830. Springer, New York.

December 4: The Colonial Experience

Quilter Text: Chapter 9: The Late Horizon (pp. 281-287 only)

Quilter Text: Chapter 11: Afterword (entire chapter)

Abercrombie, Thomas 1998 Chapter 5: Pathways of Historical Colonization: Stories of an Andean Past from Archives of Letters and Landscapes. In *Pathways of Memory and Power: Ethnography and History among an Andean People*. University of Wisconsin Press, Madison, pp. 129-212

Abercrombie, Thomas 1998 Chapter 6: Colonial Relandscaping of Andean Social Memory. In *Pathways of Memory and Power: Ethnography and History among an Andean People*. University of Wisconsin Press, Madison, pp. 129-212.

Optional:

John Rowe 1957, The Incas Under Spanish Colonial Institutions. *Hispanic American Historical Review* 37(2):155-199.

December 6: Andean Peoples Today and Contemporary Uses of the Past

Alconini and Covey 2018 *The Oxford Handbook of the Incas*. Oxford Press, Oxford
Chapters on contemporary use of the past: Burger and Salazar

Atwood, Roger 2000 Standing up to the Smugglers. In *ARTnews*. June 118-123.

Atwood, Roger 2003 Guardians of the Dead. *Archaeology* 56(1):43-49.

Smith, Kimbra L. 2005 Looting and the politics of archaeological knowledge in Northern Peru, *Ethnos* 70:2, 149-170.

Higuera, Alvaro 2008 Cultural Heritage Management in Peru: Current and Future Challenges. In *Handbook of South American Archaeology*, edited by Helaine Silverman and William Isbell, pp. 1073-1088, Springer, New York. (short reading, some could be skimmed)

Scarborough, Isabel The Bennett Monument: Archaeological Patrimony and Cultural Restitution in Bolivia. In *Handbook of South American Archaeology*, edited by Helaine Silverman and William Isbell, pp. 1073-1088, Springer, New York. (short reading, some could be skimmed)

Alva, Walter The Destruction, Looting, and Traffic of the Archaeological Heritage of Peru. In *Trade in Illicit Antiquities: The Destruction of the World's Archaeological Heritage*, edited by Neil Brodie, Jennifer Doole, and Colin Renfrew, pp. 89-97. McDonald Institute Monographs.

Optional:

Higuera, Alvaro 2015 The (un)virtuous cycle in the land of the riches: looting, trafficking and the future of heritage in Peru. Unpublished manuscript.

Silverman, Helaine 2002 Touring Ancient Times: The Present and Presented Past in Contemporary Peru. *American Anthropologist* 104(3):881-902.

Lubow, Arthur 2007 The Possessed. *New York Times Magazine*. July 24, 2007; 43-49, 68, 82-83.

May 6: FINAL EXAM (Tuesday, 9:00 - 11:00am in our classroom)

Please Note:

The syllabus is subject to change. Updates will be posted on the ANNOUNCEMENTS and COURSE DOCUMENTS (with readings for each class meeting) pages.