

Anthropology 433

ANDEAN ARCHAEOLOGY

Fall 2005

Professor Clark L. Erickson

OFFICE: Room 435 (4th floor), University Museum

OFFICE HOURS: Tuesdays 3:00-5:00pm and Fridays 2:00-4:00pm; 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. Messages can be left in my mailbox in Department of Anthropology or contact me by email.

TELEPHONE: 215-898-2282 (voice); 215-898-7462 (fax)

E-MAIL: Professor Erickson cerickso@sas.upenn.edu

I encourage you to contact us by email if you have questions or need further information regarding the course assignments or readings.

ANTHROPOLOGY 433 ONLINE: A copy of this syllabus can be found at the University of Pennsylvania Courseweb (Blackboard) site for on-line courses [still under construction]. This website will include graphics, digital images, updates on the course syllabus, additional bibliographic readings, news related to the course, and schedules of lectures, conferences, and symposia relating to Andean Archaeology. The site also includes links to other on-line websites of interest to students this course. I also encourage all students to explore the incredible resources in English and Spanish about Andean Archaeology on the Internet.

CLASS LECTURES: Tuesdays and Thursdays 12:00 – 1:30 pm, Room 330, University Museum.

REQUIRED TEXTBOOK: The text book will be available for purchase at A House of Our Own Bookstore, 3920 Spruce Street, Philadelphia, PA 19104, tel.(215) 222-1576.

Moseley, Michael E.

2001 *The Incas and their Ancestors: The Archaeology of Peru*. Thames and Hudson, London. Revised Edition (paperback).

ADDITIONAL REQUIRED READINGS: All non-textbook readings are available on-line on the Courseweb (Blackboard) website as PDF format files (<https://courseweb.library.upenn.edu/>). You will need Adobe Acrobat Reader (free) to download and read them. Originals of all of these readings can be found in the books and journals of the Museum Library.

REQUIRED MAP: Please obtain at least one (1) of the following from family or relative's collection of NG; other detailed atlas maps may be used if the NGS maps are not available.

National Geographic Society Map(s)

1972 Map "South America" *National Geographic* 142(4) Oct.

1982 Map "Indians/Archaeology of South America" *National Geographic* 161(3) March.

1992 Map "South America" *National Geographic* 182(2) August.

2000 Map "The Incas" *National Geographic* 201(8) May.

COURSE CONTENT:

This course provides a basic survey of the prehistory of civilizations in the Central Andean Region of South America (the highland and coastal areas that today are part of Peru and Bolivia). Emphasis will be placed on the following cultures and periods: the Preceramic, Chavín, Paracas, Pukara, Moche, Nazca, Wari, Tiwanaku, Chimú, and Inca. 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 focus is on the 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 will be 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. On those days, we may meet 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.

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:

There are many reading assignments for this course. In addition to the Moseley textbook, a number of important articles and chapters on Andean Archaeology are required reading (see the Detailed Syllabus below for reading schedule). The textbook is available from House of Our Own Bookstore. The other required readings are available as PDF files on the Blackboard (Courseweb) site for the course (<https://courseweb.library.upenn.edu/>). Readings are arranged in chronological order and by main author's last name under the "Course Documents" button on the ANTH 433 website.

GRADING:

Grades will be based on 2 exams (a 2 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). The student will be responsible for material presented in the lecture, readings, slide presentations, tours of the collections, and films/videos.

Examinations: The exams will be 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. There will be an in-class short review/questions session before each exam if necessary. Please note that the **Midterm Exam** is on Tuesday, October 25 (in class; 12:00-1:30 pm) and the **Final Exam** is on Friday, December 16 from 9:00-11:00am.

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 (5-15 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 later in the semester.

I will be available during office hours on Tuesdays 3:00 – 5:00pm and Fridays 2:00 - 4:00 pm, if you have any questions regarding the course material, or archaeology in general. I also would appreciate your comments, and will be happy to make appointments for other times if my office hours conflict with your schedule. I regularly read and answer E-mail.

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SUMMARY COURSE SYLLABUS

- September 8: Introduction to Course
- September 13: Cultural and Physical Geography; Chronology; Short History of South American Archaeology;
- September 15: The Concept of "Andean;" The Roots of Prehispanic Andean Society
- September 20: Peopling of the Continent. Life after the Ice Age
- September 22: Domestication of Plants and Animals
- September 27: Real Alto and Valdivia Culture, Andean Highland and Tropical Forest Interaction, Preceramic Monumentality
- September 29: Initial Period U-Shaped Temples and the Rise of Complex Society
- October 4: Chavín and the Early Horizon;
- October 6: Dumbarton Oaks Conference, Mexico City (class cancelled)
- October 11: Paracas and Nazca Cultures of the Early Intermediate Period
- October 13: The Nazca Lines and the Sacred Landscapes of Sajama
- October 18: Fall Break
- October 20: Moche Culture of the Early Intermediate Period
- October 25: **MIDTERM EXAM** (in class)
- October 27: Andean Pilgrimage; Film "In the Footsteps of Taytacha"

- November 1: Pachacamac, an Andean Ceremonial Center
- November 3: Early Cultures of the Lake Titicaca Basin and Cuzco
- November 8: The Expansionist Empires: Tiwanaku
- November 10: The Expansionist Empires: Wari
- November 15: Andean Cultural Landscapes
- November 17: The Chimú Empire of the Late Intermediate Period
- November 22: The Aymara Kingdoms of the Late Intermediate Period
- November 24: Thanksgiving Holiday
- November 29: The Origins of the Inca Empire
- December 1: American Anthropological Association Meetings (class cancelled)
- December 6: The Inca Empire
- December 8: The Colonial Experience and Andean Peoples Today
- December 16: **FINAL EXAM** (Friday 9:00-11:00am in classroom)

Please Note:

The reading syllabus is subject to change.

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DETAILED COURSE SYLLABUS

September 8: Introduction to Course

September 13: Cultural and Physical Geography; Chronology; Short History of South American Archaeology

Moseley Text: Chapters 1-2: pp. 7-50

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.

September 15: The Concept of "Andean;" The Roots of Prehispanic Andean Society

Moseley Text: Chapter 2: pp. 51-85

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

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*. University of Texas Press, Austin, pp. 14-28.

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

September 20: Peopling of the Continent. Life after the Ice Age

Moseley Text: Chapter 4: pp. 87-106

Dillehay, Thomas

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

Dillehay, Thomas and David Meltzer date Search for the Earliest Americans. *Archaeology* 52(1):60-61.

Marshall, Eliot 1991 Clovis Counterrevolution. *Science* 249:738-741.

Sandweiss, Daniel et al. 1997 The First Americans and the Sea. *Discovering Archaeology*. Jan-Feb. pp. 59-65.

September 22: Domestication of Plants and Animals, Khipus: Knotted String Records

Moseley Text: pp. 107-117

Quilter, Jeffrey, Bernardino Ojeda, Deborah Pearsall, Daniel Sandweiss, John Jones, and Elizabeth Wing 1991 Subsistence Economy of El Paraiso, an Early Peruvian Site. *Science* 251:277-283.

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

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

September 27: Preceramic Monumentality, Andean Highland and Tropical Forest Interaction

Moseley Text: Chapter 5 pp. 107-129

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

Mann, Charles 5005 Oldest Civilization in the Americas Revealed. *Science* 307:34-35.

Hass, Jonathan, Winnifred 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 Keven Vaughn, Dennis Ogburn, and Christina Conlee, *Archaeological Papers of the American Anthropological Association* no. 14, pp. 37-52.

Burger, Richard 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.

Optional:

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 29: Initial Period U-Shaped Temples and the Rise of Complex Society

Moseley Text: pp. 131-158

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.

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

October 4: Chavín and the Early Horizon

Moseley Text: pp. 163-171

Burger, Richard 1991 Chapters 5: The Early Ceremonial Center of Chavin de Huantar. IN *Chavin and the Origins of Andean Civilization*. Thames and Hudson, New York, pp. 128-164.

Burger, Richard 1991 Chapters 6 The Proto-Urban Center of Chavin de Huantar: The Early Ceremonial Center of Chavin de Huantar. IN *Chavin and the Origins of Andean Civilization*. Thames and Hudson, New York, pp. 165-182.

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, Illinois Archaeological Survey, Urbana, pp. 91-105.

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

October 6: Dumbarton Oaks Conference, Mexico City (class cancelled)

October 11: Paracas and Nazca Cultures of the Early Intermediate Period

Moseley Text: pp. 160-162; 196-203

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, American Philosophical Society, Philadelphia, pp. 208-244.

October 13: The Nazca 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, University of Texas Press, Austin, pp. 55-92.

October 18: Fall Break

October 20: Moche Culture of the Early Intermediate Period

Moseley Text pp. 173-207, 223-230

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

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

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 Reyecraft, Cotsen Institute of Archaeology, Monograph 53, UCLA, Los Angeles, pp. 73-85.

Moseley, Michael and James Richardson 1992 Doomed by Natural Disaster. *Archaeology* 45:44-45.

October 25: MIDTERM EXAM (in class)

October 27: Andean Pilgrimage; Film "In the Footsteps of Taytacha"

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

November 1: Pachacamac, an Andean Ceremonial Center

Moseley Text pp. 67 (cargos); 68; 169, 196-197; 258-261

Silverman (see October 11) pp. 229-231 only

November 3: Early Cultures of the Lake Titicaca Basin and Cuzco

Moseley Text: pp. 154-160;

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.

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. [for next week]

November 8: The Expansionist Empires: Tiwanaku

Moseley Text: pp. 208-222, 238-243

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

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

November 10: The Expansionist Empires: Wari

Moseley Text: pp. 223-238

Isbell, William H. 1988 City and State in Middle Horizon Huari. In *Peruvian Prehistory* edited by Richard W. Keatinge, Cambridge University Press, Cambridge, pp. 164-189.

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

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 Keven Vaughn, Dennis Ogburn, and Christina Conlee, Archaeological Papers of the American Anthropological Association no. 14, pp. 151-174.

November 15: Andean Cultural Landscapes

Moseley text: pp 276-278

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, Columbia University Press, New York, pp. 311-356.

November 17: The Chimú Empire of the Late Intermediate Period

Moseley Text: pp. 258-275

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

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

November 22: The Aymara Kingdoms of the Late Intermediate Period

Moseley Text: pp. 245-258

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

November 24 Thanksgiving Holiday

November 29: The Origins of the Inca Empire

Moseley Text: pp. 51-85

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

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.

December 1: American Anthropological Association Meetings (class cancelled)

December 6: The Inca Empire

Moseley Text 1-17; Chapter 3 skim

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, editors, American Anthropological Association, Washington DC, pp.

123-141.

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*. Art Institute, Chicago, pp. 359-371.

December 8: The Colonial Experience and Andean Peoples Today

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

December 16: FINAL EXAM (Friday 9:00-11:00am in classroom)

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Erickson, Clark

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Landscape Transformations in the Precolumbian Americas. Edited by David Lentz, Columbia University Press, New York, pp. 311-356.

Shimada, Izumi

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RECENT BOOKS, EDITED VOLUMES, CLASSICS, REFERENCE MATERIALS, AND BIBLIOGRAPHIES:

Aldenderfer, Mark S.

Montane Foragers : Asana and the south-central Andean Archaic. University of Iowa Press, Iowa City.

Albarracín-Jordan, Juan

1996 Tiwanaku: Arqueología Regional y Dinamica Segmentaria. Plural, La Paz.

Alva, Walter and Christopher Donnan

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Penn's Franklin: <http://www.franklin.library.upenn.edu/>

Other Penn Databases: <http://www.library.upenn.edu/resources/catalogs/catalogs.html>

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<http://tiwanakuarqueo.homestead.com/files/index.html>

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World Atlas of Archaeology: South America Peru (About.com)

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Huarochirí: A Peruvian Culture in Time: <http://wiscinfo.doit.wisc.edu/chaysimire/>

Andean Web Ring Page (images of Andes):

http://www.geocities.com/Athens/Olympus/4844/andean_web.html

Cultures of the Andes (music, archaeology, history, culture, etc.)

<http://www2.best.com/~gibbons/bookmark.html>

Internet Resources for South American Archaeology and Prehistory (ArchNet.com at new home Arizona State University) http://archnet.uconn.edu/regions/south_america.php3

In Search Of Cultures Past: Cuzco, The Sacred Valley, And The Inka Trail:

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Exploring [Chavin de Huantar](#): Archaeologist John Rick's virtual tour of an early Andean

Ceremonial Center http://www.stanford.edu/~johnrick/chavin_wrap/index.html

[Return of a Stolen Cultural Treasure to Peru](#) : case study of looting of Moche sites in Peru, the international smuggling of gold objects, an FBI sting operation, and the return of a gold "backflap" to its home in Peru (U. of Pennsylvania Museum)

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<http://www.ssc.uwo.ca/anthropology/andean/>

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