

COURSE SYLLABUS: The Bioarchaeology of Empires (ASM 591)
Arizona State University, Fall 2006
Day and Time: M 1:40-4:30 pm
Room Number: COWDN 215

Professor: Kelly J. Knudson, Ph.D.
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Office Phone: 480-727-0767
Office Location: Social Sciences 225E
Office Hours: W 3:00-4:00 pm

Course Description

The course will cover archaeological and historical definitions of empires and imperialism from a variety of theoretical perspectives. Archaeological and bioarchaeological correlates of imperial integration and expansion will be identified, and the bioarchaeological identification of imperial formation and expansion as well as the repercussions of imperial formation, expansion and collapse on population movement, health, violence, and ritual activities will be examined. Case studies will include archaeological and historical empires from around the world.

Required Texts

1. Alcock, S., T.N. D'Altroy, K.D. Morrison & C.M. Sinopoli (eds) 2001. *Empires: Perspectives from Archaeology and History*. Cambridge: Cambridge University Press.
2. Doyle, M.W. 1986. *Empires*. Ithaca: Cornell University Press.
3. Stein, G.J. (ed.) 2005. *The Archaeology of Colonial Encounters: Comparative Perspectives*. Santa Fe, New Mexico: School of American Research Press.
4. Additional required and recommended journal articles and book chapters, will be available online via Blackboard and are listed in the class outline. Recommended and required books are available at the reserve desk of the Hayden Library at ASU.

Course Requirements

The required readings will serve as the main material for the course, and will be supplemented by recommended readings and discussion. The required reading should be completed before attending class. Each class will also be lead by a student discussant who is responsible for leading discussions and presenting the recommended readings. In addition to readings, students will also be required to write a paper that addresses a specific aspect of bioarchaeology and empires, and to present that paper at the end of the semester.

Student Evaluation

Final paper	100 points
Presentation	100 points
Discussant performance	100 points
Participation	100 points
Total	400 points

Grade Scale

A+	98-100%	B+	88-89%	C+	78-79%	D	61-69%
A	92-97%	B	82-87%	C	72-77%	E	60% or below
A-	90-91%	B-	80-81%	C-	70-71%		

Course Policies and General Information

The Final Paper and the Development of Writing Skills

In order to develop critical analysis skills and apply knowledge about the ability of bioarchaeology to inform our understanding of archaeological empires, students will be required to write a final paper. This manuscript must demonstrate a thorough knowledge of a particular research question, case study or region as well as independent, critical thought.

The final paper for this course will be due at 4:00pm on Friday December 8, 2006. Electronic copies of the papers will NOT be accepted and hard copies can be placed in the professor's mailbox in the Anthropology Office. Papers must be formatted in 12 pt Times New Roman with 1.5 spacing and 1-inch margins on all sides. Figures and captions should be embedded in the text, although figures may also be placed at the end of the manuscript. Students should use the editorial style of the Society for American Archaeology (*Latin American Antiquity* and *American Antiquity*), which can be found at <http://www.saa.org/publications/StyleGuide/styFrame.html>.

The Writing Center at Arizona State University is an excellent resource for students who want to improve and refine their writing skills. For more information see the following website: <http://www.asu.edu/duas/wcenter/>. In addition, the professor will read a maximum of one draft of the final paper for each student. Hard copies of paper drafts must be handed in by 1:40pm on December 4, 2006 in order to receive comments and incorporate them by the final paper due date of 4:00 pm on December 8, 2006. Late papers will not be accepted and will receive a grade of 0/100 points.

Academic Integrity

Each student is responsible for preparing her or his own work. Plagiarizing other sources or engaging in any form of academic deceit will not be tolerated. Students who do so will be subject to full disciplinary action by Arizona State University. The following websites are useful resources if you have questions about the Arizona State University policies on academic integrity or if you have questions about how to avoid plagiarism:

http://www.asu.edu/studentaffairs/studentlife/judicial/academic_integrity.htm

http://owl.english.purdue.edu/handouts/research/r_plagiar.html

<http://www.rbs2.com/plag.htm>

Course Discussions and Discussant Expectations

Students will be assigned particular weeks where they will read the recommended readings, provide an annotated bibliography of all required and recommended readings for the week, and lead the discussion for that class period. The annotated bibliographies should be handed out at the beginning of the assigned course. Students will be allowed to turn in late bibliographies or miss the assigned discussion period without losing points only in the case of medical or family emergencies. In either case, the instructor must be notified *before* the due date or exam date and a written excuse from an appropriate source must be provided (such as a doctor).

Students are expected to treat others in the classroom with respect and common courtesy. Cellular phones are not permitted to be used in any way. Laptop computers are to be used only to take notes. Late arrival will not be tolerated and repeated lateness will result in a lower participation grade for the course.

Special Accommodations

If any of the scheduled class activities are conflict with the observation of religious holidays, alternative dates can be arranged. If you need special accommodations because of a disability, please notify the professor within the first two weeks of class.

**THE BIOARCHAEOLOGY OF EMPIRES:
CLASS OUTLINE AND ASSIGNED READINGS**

WEEK 1, August 21: Introduction to the Bioarchaeology of Empires

WEEK 2, August 28: Definitions of Empires and Imperialism

REQUIRED READINGS:

Barfield, T.J. 2001. The Shadow Empires: Imperial State Formation along the Chinese-Nomad Frontier. In *Empires: Archaeological and Historical Approaches* (eds.) S. Alcock, T.N. D'Altroy, K.D. Morrison & C.M. Sinopoli. Cambridge: Cambridge University Press.

Doyle, M.W. 1986. *Empires*. Ithaca: Cornell University Press.

Morrison, K.D. 2001. Sources, Approaches, Definitions. In *Empires: Archaeological and Historical Approaches* (eds) S. Alcock, T.N. D'Altroy, K.D. Morrison & C.M. Sinopoli. Cambridge: Cambridge University Press.

Subrahmanyam, S. 2001. Written on Water: Designs and Dynamics in the Portuguese *Estado de India*. In *Empires: Archaeological and Historical Approaches* (eds.) S. Alcock, T.N. D'Altroy, K.D. Morrison & C.M. Sinopoli. Cambridge: Cambridge University Press.

RECOMMENDED READINGS (DISCUSSANT: TBA)):

Gosden, C. 2004. *Archaeology and Colonialism: Cultural Contact from 5000 BC to the Present*. Cambridge: Cambridge University Press.

Lightfoot, K. 1995. Culture Contact Studies: Redefining the Relationship between Prehistoric and Historical Archaeology. *American Antiquity* **60**, 199-217.

—. 2005. The Archaeology of Colonization: California in Cross-Cultural Perspective. In *The Archaeology of Colonial Encounters: Comparative Perspectives* (ed.) G.J. Stein. Santa Fe, New Mexico: School of American Research Press.

Lightfoot, K.G. & A. Martinez. 1995. Frontiers and Boundaries in Archaeological Perspective. *Annual Review of Anthropology* **24**, 471-92.

WEEK 3, September 4: Labor Day (Class cancelled)

WEEK 4, September 11: Definitions of Empires and Imperialism (Paper topics DUE at 1:40pm)

REQUIRED READINGS:

Dietler, M. 2005. The Archaeology of Colonization and the Colonization of Archaeology: Theoretical Challenges from an Ancient Mediterranean Colonial Encounter. In *The Archaeology of Colonial Encounters: Comparative Perspectives* (ed.) G.J. Stein. Santa Fe, New Mexico: School of American Research Press.

Sinopoli, C.M. 1994. The Archaeology of Empires. *Annual Review of Anthropology* **23**, 159-180.

Sinopoli, C.M. 2001. Empires. In *Archaeology at the Millennium: A Sourcebook* (eds.) G.M. Feinman & T.D. Price. New York: Kluwer Academic/ Plenum Publishers.

Stein, G. 2002. From Passive Periphery to Active Agents: Emerging Perspectives in the Archaeology of Interregional Interaction. *American Anthropologist* **104**, 903-916.

Stein, G.J. 2005. Introduction: The Comparative Archaeology of Colonial Encounters. In *The Archaeology of Colonial Encounters: Comparative Perspectives* (ed.) G.J. Stein. Santa Fe, New Mexico: School of American Research Press.

RECOMMENDED READINGS (DISCUSSANT: TBA)):

Stein, G.J. 1999. *Rethinking World Systems. Diasporas, Colonies, and Interaction in Uruk Mesopotamia*. Tucson: University of Arizona Press.

Stein, G.J. 2005. The Political Economy of Mesopotamian Colonial Encounters. In *The Archaeology of Colonial Encounters: Comparative Perspectives* (ed.) G.J. Stein. Santa Fe, New Mexico: School of American Research Press.

WEEK 5, September 18: Combining Bioarchaeology, Archaeology and Ethnohistory: The Spanish Empire (Guest lecture by Dr. Christopher Stojanowski)

REQUIRED READINGS:

- Baker, B.J. 2002. A Bioarchaeological Investigation of Contact in Seventeenth-Century Southern New England. In *The Archaeology of Contact: Processes and Consequences* (eds.) K. Lesick, B. Kulle, C. Cluney, & M. Peuramaki-Brown, pp. 52-59. Proceedings of the 25th Annual Chacmool Conference. Calgary: The Archaeological Association of the University of Calgary.
- Deagan, K. 2001. Dynamics of Imperial Adjustment in Spanish America: Ideology and Social Integration. In *Empires: Archaeological and Historical Approaches* (eds.) S. Alcock, T.N. D'Altroy, K.D. Morrison & C.M. Sinopoli. Cambridge: Cambridge University Press.
- Gasco, J.L. 2005. Spanish Colonialism and Processes of Social Change in Mesoamerica. In *The Archaeology of Colonial Encounters: Comparative Perspectives* (ed.) G.J. Stein. Santa Fe, New Mexico: School of American Research Press.
- Larsen, C.S. 1994. In the Wake of Columbus: Native Population Biology in the Postcontact Americas. *Yearbook of Physical Anthropology* **37**, 109-154.
- Stojanowski, C.M. 2005. The Bioarchaeology of Identity in Spanish Colonial Florida: Social and Evolutionary Transformation Before, During and After Demographic Collapse. *American Anthropologist* **3**, 417-431.
- . 2005. Spanish Colonial Effects on Native American Mating Structure and Genetic Variability in Northern and Central Florida: Evidence from Apalachee and Western Timucua. *American Journal of Physical Anthropology* **128**, 273-286.

RECOMMENDED READINGS (DISCUSSANT: TBA)):

- Aufderheide, A.C., L.E. Wittmers, Jr., G. Rapp, Jr. & J. Wallgren. 1988. Anthropological Applications of Skeletal Lead Analysis. *American Anthropologist* **90**, 931-936.
- Blakey, M.L. 2001. Bioarchaeology of the African Diaspora in the Americas: Its Origins and Scope. *Annual Review of Anthropology* **30**, 387-422.
- Cornuccini, R.S., A.C. Aufderheide, J.S. Handler & L.E. Wittmers, Jr. 1987. Patterning of Skeletal Lead Content in Barbados Slaves. *Archaeometry* **29**, 233-239.
- Price, T.D., V. Tiesler & J.H. Burton. 2006. Early African Diaspora in Colonial Campeche, Mexico: Strontium Isotopic Evidence. *American Journal of Physical Anthropology*, **130**, 485-490.

WEEK 6, September 25: Archaeological Correlates of Empires and Imperialism

REQUIRED READINGS:

- Ambrose, S.H. & J. Krigbaum. 2003. Bone Chemistry and Bioarchaeology. *Journal of Anthropological Archaeology* **22**, 193-199.
- Anthony, D.W. 1990. Migration in Archaeology: The Baby and the Bathwater. *American Anthropologist* **92**, 895-914.
- . 1992. The Bath Refilled: Migration in Archaeology Again. *American Anthropologist* **94**, 174-176.
- Burmeister, S. 2000. Archaeology and Migration: Approaches to an Archaeological Proof of Migration. *Current Anthropology* **41**, 539-567.
- Rogers, J.D. 2005. Archaeology and the Interpretation of Colonial Encounters. In *The Archaeology of Colonial Encounters: Comparative Perspectives* (ed.) G.J. Stein. Santa Fe, New Mexico: School of American Research Press.

RECOMMENDED READINGS (DISCUSSANT: TBA)):

- Given, M. 2004. *The Archaeology of the Colonized*. London: Routledge.
- Spence, M.W. 2005. A Zapotec Diaspora Network in Classic-Period Central Mexico. In *The Archaeology of Colonial Encounters: Comparative Perspectives* (ed.) G.J. Stein. Santa Fe, New Mexico: School of American Research Press.

WEEK 7, October 2: Identifying Archaeological Empires: The Tiwanaku Polity in the Andes

REQUIRED READINGS:

- Blom, D.E., B. Hallgrímsson, L. Keng, M.C. Lozada Cerna & J.E. Buikstra. 1998. Tiwanaku 'Colonization': Bioarchaeological Implications for Migration in the Moquegua Valley, Peru. *World Archaeology* **30**, 238-261.
- Blom, D. E. 2005. Embodying Borders: Human Body Modification and Diversity in Tiwanaku Society. *Journal of Anthropological Archaeology*, **24**, 1-24.
- Blom, D. E., and Janusek, J. W. 2004. Making Place: Humans as Dedications in Tiwanaku. *World Archaeology*, **36**, 123-141.
- Hoshower, L. M., Buikstra, J. E., Goldstein, P. S., & Webster, A. D. 1995. Artificial Cranial Deformation at the Omo M10 Site: A Tiwanaku Complex from the Moquegua Valley, Peru. *Latin American Antiquity*, **6**, 145-164.
- Goldstein P. 1992. Tiwanaku Temples and State Expansion. *Latin American Antiquity* **4**, 22-47.
- Kolata, A. L. 1993. Understanding Tiwanaku: Conquest, Colonization and Clientage in the South Central Andes. In *Latin American Horizons*, ed. D. S. Rice, Washington, D.C.: Dumbarton Oaks Research Library and Collections, pp. 193-224.
- Oakland Rodman, A. 1992. Textiles and Ethnicity: Tiwanaku in San Pedro De Atacama, North Chile. *Latin American Antiquity*, **3**, 316-340.
- Torres-Rouff, C. 2002. Cranial Vault Modification and Ethnicity in Middle Horizon San Pedro de Atacama, Chile. *Current Anthropology* **43**, 163-171.
- RECOMMENDED READINGS (DISCUSSANT: TBA):
- Goldstein, P. 2005. *Andean Diaspora: The Tiwanaku Colonies and the Origins of South America Empire*. Gainesville: University Press of Florida.
- Janusek, J. W. 2004. *Identity and Power in the Ancient Andes: Tiwanaku Cities through Time*. London: Routledge.

WEEK 8, October 9: Repercussions of Imperialism: Health in Egypt and Sudan (Guest lecture by Dr. Brenda Baker)

REQUIRED READINGS:

- Baker, B.J. 1997. Contributions of Biological Anthropology to the Understanding of Ancient Egyptian and Nubian Societies. In *Anthropology and Egyptology: A Developing Dialogue*. (ed.) J. Lustig, Monographs in Mediterranean Archaeology 8. Sheffield, England: Sheffield Academic Press.
- Buzon, M.R. 2006. Biological and Ethnic Identity in New Kingdom Nubia: A Case Study from Tombos. *Current Anthropology* **47**, 683-695.
- Buzon, M.R. 2005. Health of the Non-Elites at Tombos: Nutritional and Disease Stress in New Kingdom Nubia. *American Journal of Physical Anthropology* **130**, 26-37.
- Dupras, T.L. & H.P. Schwarcz. 2001. Strangers in a Strange Land: Stable Isotope Evidence for Human Migration in the Dakhleh Oasis. *Journal of Archaeological Science* **28**, 1199-1208.
- Judd, M.A. 2004. Trauma in the City of Kerma: Ancient versus Modern Injury Patterns. *International Journal of Osteoarchaeology* **14**, 34-51.
- Judd, M.A. 2006. Continuity of Interpersonal Violence between Nubian Communities. *American Journal of Physical Anthropology*, Early View.
- Morkot, R. 2001. Egypt and Nubia. In *Empires: Archaeological and Historical Approaches* (eds) S. Alcock, T.N. D'Altroy, K.D. Morrison & C.M. Sinopoli. Cambridge: Cambridge University Press.
- RECOMMENDED READINGS (DISCUSSANT: TBA):
- Smith, S.T. 2003. *Wretched Kush: Ethnic Identities and Boundaries in Egypt's Nubian Empire*. London: Routledge.
- Smith S.T. 2005. To the Supports of Heaven: Political and Ideological Conceptions of Frontiers in Ancient Egypt. In *Untaming the Frontier in Anthropology, Archaeology, and History*. (eds. B.J. Parker & L. Rosdeth) pp. 207-37. Tucson: University of Arizona Press.

WEEK 9, October 16: Archaeological Repercussions of Imperialism: Violence in the Wari Empire

REQUIRED READINGS:

- Jennings, J., & Yépez Álvarez, W. 2001. Architecture, Local Elites, and Imperial Entanglements: The Wari Empire and the Cotahuasi Valley of Peru. *Journal of Field Archaeology*, **28**.
- Moseley, M. E., et al. 2005. Burning Down the Brewery: Establishing and Evacuating an Ancient Imperial Colony at Cerro Baúl, Peru. *PNAS*, **102**, 17264-17271.
- Schreiber, K. 2005. Imperial Agendas and Local Agency: Wari Colonial Strategies. In *The Archaeology of Colonial Encounters: Comparative Perspectives* (ed.) G.J. Stein. Santa Fe, New Mexico: School of American Research Press.
- Schreiber, K. 2001. The Wari Empire of Middle Horizon Peru: The Epistemological Challenge of Documenting an Empire without Documentary Evidence. In *Empires: Archaeological and Historical Approaches* (eds.) S. Alcock, T.N. D'Altroy, K.D. Morrison & C.M. Sinopoli. Cambridge: Cambridge University Press.
- Tung, T. A., & Cook, A. G. 2006. Intermediate Elite Agency in the Wari Empire: The Bioarchaeological and Mortuary Evidence. In *Intermediate Elite Agency in Precolumbian States and Empires*, C. Elson and A. Covey (eds.), Tucson: University of Arizona Press.
- Tung, T. A. & Owen, B. Violence and Rural Lifeways at Two Peripheral Wari Sites in the Majes Valley of Southern Peru. In *Andean Archaeology III* (eds.) H. Silverman, & W.H. Isbell. New York: Kluwer Academic/Plenum Publishers.
- Williams, P. R. 2001. Cerro Baúl: A Wari Center on the Tiwanaku Frontier. *Latin American Antiquity*, **12**, 67-83.

RECOMMENDED READINGS (DISCUSSANT: TBA)):

- Schreiber, K. 1992. *Wari Imperialism in Middle Horizon Peru*. Ann Arbor: Museum of Anthropology, University of Michigan.
- Swenson, E. R. 2003. Cities of Violence: Sacrifice, Power and Urbanization in the Andes. *Journal of Social Archaeology* **3**, 256-296.

WEEK 10, October 23: Imperialism and Ritual Activity: An Inka Case Study

REQUIRED READINGS:

- Bray, T. L., L. D. Minc, M. C. Ceruti, J. A. Chávez, R. Perea and J. Reinhard. 2005. A Compositional Analysis of Pottery Vessels Associated with the Inca Ritual of Capacocha. *Journal of Anthropological Archaeology* **24**, 82-100.
- D'Altroy, T. 2001. Politics, Resources, and Blood in the Inka Empire. In *Empires: Archaeological and Historical Approaches* (eds.) S. Alcock, T.N. D'Altroy, K.D. Morrison & C.M. Sinopoli. Cambridge: Cambridge University Press.
- D'Altroy, T. 2005. Remaking the Social Landscape: Colonization in the Inca Empire. In *The Archaeology of Colonial Encounters: Comparative Perspectives* (ed.) G.J. Stein. Santa Fe, New Mexico: School of American Research Press.
- Knudson, K.J., Yaeger, J. & Blom, D.E. In preparation. Reconstructing Life Histories through Strontium and Oxygen Isotope Analysis: Archaeological Chemistry and Inka Offerings in Bolivia." Manuscript to be submitted to the *American Journal of Physical Anthropology*.
- MacCormack, S. 2001. Cusco, Another Rome? In *Empires: Archaeological and Historical Approaches* (eds.) S. Alcock, T.N. D'Altroy, K.D. Morrison & C.M. Sinopoli. Cambridge: Cambridge University Press.
- Moore, J. D. 2004. The Social Basis of Sacred Spaces in the Prehispanic Andes: Ritual Landscapes of the Dead in Chimu and Inka Societies. *Journal of Archaeological Method and Theory* **11**, 83-124.

RECOMMENDED READINGS (DISCUSSANT: TBA)):

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

- _____. 2003. To Dine Splendidly: Imperial Pottery, Commensal Politics, and the Inca State. In *The Archaeology and Politics of Food and Feasting in Early States and Empires* (ed.) T. L. Bray. New York: Kluwer Academic/ Plenum Publishers.
- Dietler, M. & Hayden, B. 2001. Digesting the Feast – Good to Eat, Good to Drink, Good to Think: An Introduction. In *Feasts: Archaeological and Ethnographic Perspectives on Food, Politics, and Power*, (eds.) M. Dietler & B. Hayden. Washington, D.C.: Smithsonian Institution Press.
- Gero, J. M. 1992. Feasts and Females: Gender Ideology and Political Meals in the Andes. *Norwegian Archaeology Review* **25**, 15-30.
- Jennings, J. 2004. La Chicheria y El Patrón: Chicha and the Energetics of Feasting in the Prehistoric Andes. In *Foundations of Power in the Prehispanic Andes* (eds.) K. J. Vaughn, D. Ogburn, C. A. Conlee, Arlington, VA: Archaeological Papers of the American Anthropological Association.
- Jennings, J., Antrobus, K.L., Atencio, S.J., Glavich, E., Johnson, R., Loffler, G, Luu, C. 2005. "Drinking Beer in a Blissful Mood": Alcohol Production, Operational Chains, and Feasting in the Ancient World. *Current Anthropology*. **46**, 275-304.

WEEK 11, October 30: Bioarchaeological Perspectives on Aztec Imperialism (Guest lecture by Dr. Michael E. Smith)

REQUIRED READINGS:

- Brumfiel, E.M. 2001. Aztec Hearts and Minds: Religion and the State in the Aztec Empire. In *Empires: Archaeological and Historical Approaches* (eds.) S. Alcock, T.N. D'Altroy, K.D. Morrison & C.M. Sinopoli. Cambridge: Cambridge University Press.
- Iguaz, D. 1993. Mortuary Practices among the Aztec in the Light of Ethnohistorical and Archaeological Sources (Part I). *Papers from the Institute of Archaeology*, **4**, 63-76.
- Smith, M.E. 2001. The Aztec Empire and the Mesoamerican World System. In *Empires: Archaeological and Historical Approaches* (eds.) S. Alcock, T.N. D'Altroy, K.D. Morrison & C.M. Sinopoli. Cambridge: Cambridge University Press.
- Smith, M.E. & L. Montiel. 2001. The Archaeological Study of Empires and Imperialism in Pre-Hispanic Central Mexico. *Journal of Anthropological Archaeology* **20**, 245-284.
- Umberger, E., and Klein, C. F. 1993. Aztec Art and Imperial Expansion. In *Latin American Horizons*, D. S. Rice (ed.), Washington, D.C.: Dumbarton Oaks Research Library and Collections.

RECOMMENDED READINGS (DISCUSSANT: TBA)):

- Joyce RA. 2000. Girling the Girl and Boying the Boy: The Production of Adulthood in Ancient Mesoamerica. *World Archaeology* **31**, 473-483.
- Smith, M. E. 2003. *The Aztecs*, Oxford: Blackwell Publishing.

WEEK 12, November 6: Bioarchaeological Perspectives on Roman Imperialism (Guest lecture by Dr. Rachel E. Scott)

REQUIRED READINGS:

- Alcock, S. 2001. The Reconfiguration of Memory in the Eastern Roman Empire. In *Empires: Archaeological and Historical Approaches* (eds.) S. Alcock, T.N. D'Altroy, K.D. Morrison & C.M. Sinopoli. Cambridge: Cambridge University Press.
- Alcock, S. 2005. Roman Colonies in the Eastern Empire: A Tale of Four Cities. In *The Archaeology of Colonial Encounters: Comparative Perspectives* (ed.) G.J. Stein. Santa Fe, New Mexico: School of American Research Press.
- Laurence, R. 2000. Metaphors, Monuments, and Texts: The Life Course in Roman Culture. *World Archaeology* **31**, 442-455.
- Woolf, G. 2001. Inventing Empire in Ancient Rome. In *Empires: Archaeological and Historical Approaches* (eds.) S. Alcock, T.N. D'Altroy, K.D. Morrison & C.M. Sinopoli. Cambridge: Cambridge University Press.

RECOMMENDED READINGS (DISCUSSANT: TBA)):

Woolf, G. 2000. *Becoming Roman: The Origins of Provincial Civilization in Gaul*. Cambridge: Cambridge University Press.

WEEK 13, November 13: Bioarchaeology and Imperial Collapse

REQUIRED READINGS:

Alcock, S. 2001. The Reconfiguration of Memory in the Eastern Roman Empire. In *Empires: Archaeological and Historical Approaches* (eds.) S. Alcock, T.N. D'Altroy, K.D. Morrison & C.M. Sinopoli. Cambridge: Cambridge University Press.

Liverani, M. 2001. The Fall of the Assyrian Empire: Ancient and Modern Interpretations. In *Empires: Archaeological and Historical Approaches* (eds.) S. Alcock, T.N. D'Altroy, K.D. Morrison & C.M. Sinopoli. Cambridge: Cambridge University Press.

Moreland, J. 2001. The Carolingian Empire: Rome Reborn? In *Empires: Archaeological and Historical Approaches* (eds) S. Alcock, T.N. D'Altroy, K.D. Morrison & C.M. Sinopoli. Cambridge: Cambridge University Press.

RECOMMENDED READINGS (DISCUSSANT: TBA)):

Janusek, J. W. 2004. Collapse as Cultural Revolution: Power and Identity in the Tiwanaku to Pacajes Tradition. In *Foundations of Power in the Prehispanic Andes* (Vol. 14), eds. K. J. Vaughn, D. Ogburn & C. A. Conlee, Arlington, VA: Archaeological Papers of the American Anthropological Association, pp. 175-210.

Owen, B. 2005. Distant Colonies and Explosive Collapse: The Two Stages of the Tiwanaku Diaspora in the Osmore Drainage. *Latin American Antiquity* **16**, 45-80.

Torres-Rouff, C. & M.A. Costa Junqueira. 2006. Interpersonal Violence in Prehistoric San Pedro de Atacama, Chile: Behavioral Implications of Environmental Stress. *American Journal of Physical Anthropology* **130**, 60-70.

Torres-Rouff, C., M.A. Costa Junqueira & A. Llagostera Martínez. 2005. Violence in Times of Changes: The Late Intermediate Period in San Pedro de Atacama. *Chungará* **37**, 75-83.

Williams, P. R. 2002. Rethinking Disaster-Induced Collapse in the Demise of the Andean Highland States: Wari and Tiwanaku. *World Archaeology*, **33**, 361-374.

Wright, L. E., and White, C. D. 1996. Human Biology in the Classic Maya Collapse: Evidence from Paleopathology and Paleodiet. *Journal of World Prehistory*, **10**, 147.

WEEK 14, November 20: Student Presentations

WEEK 15, November 27: Student Presentations

WEEK 16, December 4: Student Presentations (Optional rough drafts of final papers DUE at 1:40pm)