

Proseminar in Archaeology

Fall 2013

Tuesday 10:00-12:30

HAH Seminar Room (202)

Instructor: Dr. David R. Braun
Office: 203 X Building
Phone: (202) 994-6953
Email: David_braun@gwu.edu
Office hours: Tuesdays 1-2 pm

Course Description: This course aims to provide a basic understanding of the major concepts in Archaeology. This course allows students to explore various aspects of archaeology and at the same time reflect on how this intersects with other disciplines. In this class we will examine methods, theories and practices of Archaeology. We will focus on specific case studies from around the world to identify specific features of archaeological practice. The readings will involve classic readings as well as more contemporary works.

Course Requirements: Students are expected to attend lectures, complete reading assignments, and participate in class discussions when appropriate. Readings will be posted on blackboard. Occasionally students will be expected to direct discussion in class. One exam will take place during the course. There will be a final exam at the end of the course which is the qualifying exam. This is a take home exam but it is due during the last class period.

Learning Outcomes:

- 1) Students will explore and learn the methods and theories that archaeologists use to construct concept of the past.
- 2) Students will investigate specific methodologies used to interpret behavior in the past.
- 3) Students will critically assess some of the past and present debates regarding the ability to reconstruct the past.
- 4) Students will explore how archaeologists interact with the public and the ownership of the past through archaeological practice.

Assessment: One in class exam represents 25% of the final grade. Class participation and class direction will make up 15% of your grade. 30% of the grade will be based on the project and final paper. The final portion of the grade will be based on the comprehensive exam at the end of the course. Letter grades will be generally be assigned according to the following scale: **90-100%=A, 86-89%=B+, 80-85%=B, 76-79%=C+, 70-75%=C, 60-69%=D, 59% or below=F.** I reserve the right to adjust this scale down a bit if necessary. Thus, if you have an 89% at the end of the semester, your final letter grade will be at least a B+, however depending on the class's performance as a whole, this might wind up being an A. In addition, excessive absences may result in failure or final letter grade reduction.

General Policies:

Make-up Exams: Make-up exams will **NOT** be given, except in cases of University conflicts, severe illness/family emergency, or other similar circumstances (documentation required). In

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these cases, the make-up must be taken within 1 week of the originally scheduled exam at a mutually convenient time/location.

Cell phones, PDA's, laptop computers, etc.: It is my strong preference that these items **NOT** be used in class. If you have a compelling reason to take notes electronically, please see me to discuss your reasons and I will consider your request. Otherwise, I expect not to see these items out during lectures.

Essay Guidelines

All written assignments must be typed, double spaced, not have excessive margins, be an original, solo-produced work, and must conform in style to the standard employed in American archaeology for bibliographic references. Consult the guide for authors in the journal *American Antiquity*.

Final Project

Students will be expected to identify a particular topic that integrates both method and theory as part of a project that will involve the organization of an argument surrounding a contemporary topic in Archaeology. Papers that relates to a narrow topic are discouraged (the origins of maize domestication). However, these topics can be built into a large broader topic (Maize domestication as an insight into theoretical perspectives on domestication). You must propose a topic with a prospectus by October 22nd.

In Class Presentations

Each student will be responsible for guiding at least one in class discussion based on particular readings for that week. Students are expected to produce a written guide for the class discussion and direct discussion. These discussions should be based on readings as well as supplementary readings that the student seeks out during class preparations.

Extra credit: There will be **no extra credit** assignments.

PowerPoint: For many reasons, my PowerPoint slides will be posted on Blackboard in .pdf format AFTER the lectures. If you miss class you should get notes for the missed lecture from one of your classmates. There will be content in class that you will not be able to get from the readings or the powerpoint presentations. This makes it essential that you attend class.

Special Needs: If you require special accommodations for learning difficulties or physical disabilities, and you have official university acknowledgement of this condition, please see me as soon as possible to discuss appropriate arrangements. E-mailing/calling *the day of an exam* to notify me of your needs is NOT acceptable.

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Week	Class Meeting	Topic	Readings
8/27	1	An introduction to Archaeology	None
9/3	2	Formation Processes in the Archaeological Record	<p>-Binford LR. 1981. Behavioral archaeology and the Pompeii premise. <i>Journal of Anthropological Research</i> 37:195-207.</p> <p>-Gifford-Gonzalez D. 1991. Bones are not enough: analogues, knowledge, and interpretive strategies in zooarchaeology. <i>Journal of Anthropological Archaeology</i> 10(3):215-254.</p> <p>-Ammerman, A. & Feldman, M. 1974. On the 'Making' of an assemblage of stone tools. <i>American Antiquity</i> 309: 610-616.</p> <p>- Schiffer, M.B. 1983. Toward the identification of formation processes. <i>American Antiquity</i> 48: 675-706.</p> <p>- Malinsky-Buller, A., Hovers, E. & Marder, O. 2011. Making time: 'Living floors', 'palimpsests' and site formation processes—A perspective from the open-air Lower Paleolithic site of Revadim Quarry, Israel. <i>Journal of Anthropological Archaeology</i> 30: 89-101.</p>
9/10	3	Excavation and Survey Techniques and Procedures	<p>- Manzanilla, L. 1999. The emergence of complex urban societies in central Mexico: The case of Teotihuacan. <i>Archaeology in Latin America, Routledge, New York</i> 93-129.</p> <p>- McPherron, S.P., Dibble, H.L. & Goldberg, P. 2005. <i>Z. Geoarchaeology</i> 20: 243-262.</p> <p>- Stern, N. 1994. The implications of time-averaging for reconstructing the land-use patterns of early tool-using hominids. <i>Journal of Human Evolution</i> 27: 89-105.</p> <p>- Postgate, J. 1994. How many Sumerians per hectare? Probing the anatomy of an early city. <i>Cambridge Archaeological Journal</i> 4: 47-65.</p>
9/17	4	No Class; Dr. Braun at a conference.	
9/22	5	Dating and Chronology: How do we Know What We know?	<p>Shott, M. J. (1992). Radiocarbon dating as a probabilistic technique: the Childers Site and late Woodland occupation in the Ohio valley. <i>American Antiquity</i>, 57(2): 202-230</p> <p>Lang, A., Wagner, G. A. (1989). Infrared stimulated luminescence dating of archaeosediments. <i>Archaeometry</i> 38: 129-141.</p> <p>Rink, W. J. (2001). Beyond 14C dating: a users guide to long-range dating methods in archaeology. In <i>Earth Sciences and Archaeology</i>. Edited by P. Goldberg, V. T. Holliday and C. R. Ferring. New York, Kluwer Academic/Plenum pp. 385-417.</p>

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			<p>- Jacobs, Z., Roberts, R.G., Galbraith, R.F., Deacon, H.J., Grun, R., Mackay, A., Mitchell, P., Vogelsang, R. & Wadley, L. 2008. Ages for the Middle Stone Age of Southern Africa: Implications for Human Behavior and Dispersal. <i>Science</i> 322: 733-735.</p> <p>- Feibel, C.S. 1999. Tephrostratigraphy and geological context in paleoanthropology. <i>Evolutionary Anthropology: Issues, News, and Reviews</i> 8: 87-100.</p>
9/29	6	Archaeological Science and Archaeometry	<p>- Killick, D. and S.M.M. Young. (1997). Archaeology and archaeometry: from casual dating to a meaningful relationship? <i>Antiquity</i> 71: 518-23.</p> <p>- Jones, A. (2004) Archaeometry and Materiality: Materials-Based Analysis in Theory and Practice. <i>Archaeometry</i> 46(3), 327-338.</p> <p>- Killick, D. 2005. Comments IV: Is there really a chasm between archaeological theory and archaeological science? <i>Archaeometry</i> 47: 185-189.</p> <p>- Pollard, A.M. & Bray, P. 2007. A bicycle made for two? The integration of scientific techniques into archaeological interpretation. <i>Annual Review of Anthropology</i> 36: 2</p>
10/6	7	Environmental Archaeology	<p>- Sandweiss, D.H., Maasch, K.A., Burger, R.L., Richardson, J.B., Rollins, H.B. & Clement, A. 2001. Variation in Holocene El Nino frequencies: Climate records and cultural consequences in ancient Peru. <i>Geology</i> 29: 603-606.</p> <p>- Cullen, H.M., Hemming, S., Hemming, G., Brown, F., Guilderson, T. & Sirocko, F. 2000. Climate change and the collapse of the Akkadian empire: Evidence from the deep sea. <i>Geology</i> 28: 379-382.</p> <p>- Brooks, N. 2006. Cultural responses to aridity in the Middle Holocene and increased social complexity. <i>Quaternary International</i> 151: 29-49.</p> <p>- Emery, K.F., Wright, L.E. & Schwarcz, H. 2000. Isotopic analysis of ancient deer bone: Biotic stability in collapse period Maya land-use. <i>Journal of Archaeological Science</i> 27: 537-550.</p> <p>- Deacon, H.J. 1995. Two late Pleistocene-Holocene archaeological depositories from the southern Cape, South Africa. <i>The South African Archaeological Bulletin</i> 121-131.</p> <p>- Denham, T. 2005. Envisaging early agriculture in the Highlands of New Guinea: landscapes, plants and practices. <i>World Archaeology</i> 37: 290-306.</p> <p>- Kennett, D.J., Breitenbach, S.F., Aquino, V.V., Asmerom, Y., Awe, J., Baldini, J.U., Bartlein, P., Culleton, B.J., Ebert, C. & Jazwa, C. 2012. Development and disintegration of Maya political systems in response to climate change. <i>Science</i> 338: 788-791.</p>

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10/15	8	Subsistence and Diet in the Past	<ul style="list-style-type: none"> - Sealy, J., Aldenderfer, M., Barham, L., Pearson, J., Kelly, R., Marean, C. & Wadley, L. 2006. Diet, mobility, and settlement pattern among Holocene hunter-gatherers in southernmost Africa. <i>Current Anthropology</i> 47: 569-595. - HAWKES, K. 1992. On Optimal Foraging Models and Subsistence Transitions'. <i>Current Anthropology</i> 33: 63-66. - Zeder, M.A. 2012. The broad spectrum revolution at 40: resource diversity, intensification, and an alternative to optimal foraging explanations. <i>Journal of Anthropological Archaeology</i> 31: 241-264. - Rowley-Conwy, P. & Layton, R. 2011. Foraging and farming as niche construction: stable and unstable adaptations. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> 366: 849-862. - Lupo, K.D. 2012. On early hominin meat eating and carcass acquisition strategies: Still relevant after all these years? <i>Stone Tools and Fossil Bones: Debates in the Archaeology of Human Origins</i> 115-125. - Marean, C.W. 2011. Coastal South Africa and the coevolution of the modern human lineage and the coastal adaptation. <i>Trekking the Shore</i>: 421-440. Springer.
10/22	9	Cognitive Archaeology: Ritual, religion, magic PROJECT PROPOSAL DUE	<ul style="list-style-type: none"> - Tostevin, G.B. 2011. Special Issue: Reduction Sequence, Chaîne Opératoire, and Other Methods: The Epistemologies of Different Approaches to Lithic Analysis Levels of Theory and Social Practice in the Reduction Sequence and Chaîne Opératoire Methods of Lithic Analysis. <i>PaleoAnthropology</i> 351: 375. - Pettitt, P. 2012. Religion and ritual in the Lower and Middle Paleolithic. <i>The Oxford handbook of the archaeology of ritual and religion</i> 329-343. - Lewis-Williams, J.D. & Pearce, D.G. 2012. The southern San and the trance dance: a pivotal debate in the interpretation of San rock paintings. <i>Antiquity</i> 86: 696-706. - Woodfill, B.K., Guenter, S. & Monterroso, M. 2012. Changing Patterns of Ritual Activity in an Unlooted Cave in Central Guatemala. <i>Latin American Antiquity</i> 23: 93-119. - Paisley, S. & Saunders, N.J. 2010. A god forsaken: the sacred bear in Andean iconography and cosmology. <i>World Archaeology</i> 42: 245-260.
10/29	10	In Class Exam	
11/5	11	NO CLASS DR. BRAUN IN SOUTH AFRICA	

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11/12	12	Public Archaeology : Stewardship in Modern Days	<ul style="list-style-type: none"> - Blakey, M.L. 2010. African Burial Ground Project: paradigm for cooperation? <i>Museum International</i> 62: 61-68. - Trigger, B.G. 1980. Archaeology and the image of the American Indian. <i>American Antiquity</i> 662-676. - Kelly, R.L. 2004. Kennewick man is native American. <i>SAA Archaeological Record</i> 4: 33-37. - Bruning, S.B. 2006. Complex legal legacies: The native american graves protection and repatriation act, scientific study, and Kennewick man. <i>American Antiquity</i> 501-521. - Owsley, D.W. & Jantz, R.L. 2001. Archaeological politics and public interest in Paleoamerican studies: Lessons from Gordon Creek Woman and Kennewick Man. <i>American Antiquity</i> 565-575. - Watkins, J. 2004. Becoming American or becoming Indian? NAGPRA, Kennewick and cultural affiliation. <i>Journal of Social Archaeology</i> 4: 60-80.
11/19	13	Bioarchaeology In Class Test	<ul style="list-style-type: none"> - Larsen, C.S. 2002. Bioarchaeology: the lives and lifestyles of past people. <i>Journal of Archaeological Research</i> 10: 119-166. - Knudson, K.J. & Stojanowski, C.M. 2008. New directions in bioarchaeology: recent contributions to the study of human social identities. <i>Journal of Archaeological Research</i> 16: 397-432. - Stone, A.C., Wilbur, A.K., Buikstra, J.E. & Roberts, C.A. 2009. Tuberculosis and leprosy in perspective. <i>American Journal of Physical Anthropology</i> 140: 66-94. - Klaus, H., Centurion, J. & Curo, M. 2010. Bioarchaeology of human sacrifice: violence, identity and the evolution of ritual killing at Cerro Cerrillos, Peru. <i>Antiquity</i> 84: 1102-1 - Gaither, C.M. & Murphy, M.S. 2012. Consequences of conquest? The analysis and interpretation of subadult trauma at Puruchuco-Huaquerones, Peru. <i>Journal of Archaeological Science</i> 39: 467-478. - Turner, B.L., Klaus, H.D., Livengood, S.V., Brown, L.E., Saldaña, F. & Wester, C. 2013. The variable roads to sacrifice: Isotopic investigations of human remains from Chotuna-Huaca de los Sacrificios, Lambayeque, Peru. <i>American Journal of Physical Anthropology</i>.
11/26	14	Qualifying Exam Due by 1pm	

* While the topical portion of the schedule is subject to modification, the dates of exams will **NOT** change.