

SCHOLARLY INQUIRY IN ANTHROPOLOGY

Fall 2010, TTh 9:00-10:15, LL 147
ASB 540, Course no. 71098

PROFESSORS

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1. Course Overview (Aug 19)

Anthropology is a diverse field, both in the subject matter it addresses and the theoretical and methodological approaches used by its practitioners. Understanding what questions fall within the scope of Anthropology and how to approach answering them is fundamental to becoming a mature scholar. In this course we will examine the foundations of scholarly inquiry within the field of Anthropology, emphasizing a holistic perspective on the human experience, diversity, and change. Key theoretical, methodological, and topical perspectives will be reviewed and critically examined.

The course grade is based on three papers and on regular and informed participation in class discussions. The first two papers will be five pages in length, the third seven pages (due dates below). Both instructors will read all student papers.

Readings: All readings are available on the class Blackboard; you must download your own copies.

FUNDAMENTALS AND FRAMEWORKS OF INQUIRY

2. Questions and Goals of Anthropology (Aug 24)

Cartmill, Matt (1994). Reinventing Anthropology: American Association of Physical Anthropologists Annual Luncheon Address, April 1, 1994. *Yearbook of Physical Anthropology*, 37, 1-9.

Wallerstein, Immanuel (2003). Anthropology, Sociology, and Other Dubious Disciplines. *Current Anthropology* 44:453-465.

Wolf, Eric (1982). "Preface" and "Introduction" of his *Europe and the People without History*, pp. ix-xi and 3-23. Berkeley: U of California Press.

Look at the AAA web page, especially the short essay "What is Anthropology" (<http://www.aaanet.org/about/WhatisAnthropology.cfm>) and the list of sections and interest groups (<http://aaanet.org/sections>).

3. Approaches to Understanding the Natural and Human World (Aug 26)

Ruse, Michael (1999). Prologue ["Science Wars"] and Chapter 1 ["Karl Popper and Thomas Kuhn: Two Theories of Science"] in: *Mystery of Mysteries: Is Evolution a Social Construction?* Cambridge, MA: Harvard University Press.

Cartmill, Matt (2002) Paleoanthropology: science or mythological charter? *Journal of Anthropological Research* 58: 183-201.

Scott, Colin (1996) Science for the West, Myth for the Rest? The Case of James Bay Cree Knowledge Construction. In Laura Nader, ed., *Naked Science: Anthropological Inquiry into Boundaries, Power and Knowledge*. New York: Routledge. Pp. 69-86.

4. Approaches to Understanding the Natural and Human World (Aug 31)

Dunnell, Robert C. (1982) Science, social science, and common sense: the agonizing dilemma of modern archaeology. *Journal Anthropological Research* 38:1-25.

Wylie, Alison (2000). Questions of evidence, legitimacy, and the (dis)union of science. *American Antiquity* 65(2):227-238.

5. Approaches to Understanding the Natural and Human World (Sept 2)

- Davidson, Donald 1994 [1974] Psychology as Philosophy. In M. Martin and L.C. McIntyre, eds., *Readings in the Philosophy of Social Science*. Cambridge, MA: MIT Press. Pp. 79-89.
- Geertz, Clifford (1973a). Thick Description: Toward an Interpretive Theory of Culture. In his *The Interpretation of Cultures*. New York: Basic Books. Pp. 3-30.

6. Human Uniqueness (Sept 7)

- Henrich, J., & McElreath, R. (2003). The evolution of cultural evolution. *Evolutionary Anthropology: Issues, News, and Reviews*, 12(3), 123-135. doi: [10.1002/evan.10110](https://doi.org/10.1002/evan.10110).
- Hill, Kim, C. Michael Barton, and A. Magdalena Hurtado (2009). The emergence of human uniqueness: characters underlying behavioral modernity. *Evolutionary Anthropology: Issues, News, and Reviews* 18, no. 5: 187-200.

7. Human Uniqueness (Sept 9)

- Cartmill, Matt (1990). Human uniqueness and theoretical content in paleoanthropology. *International Journal of Primatology*, 11, 173-92.
- Sterelny, K. (2009). Peacekeeping in the culture wars. In K. N. Laland & B. G. Galef (Eds.), *The Question of Animal Culture*. Cambridge MA: Harvard University Press.

TOOLS FOR ANTHROPOLOGICAL RESEARCH**8. Data and Data Collection (Sept 14)**

- Dibble, Harold L., et al. (1997). Testing the reality of a "living floor" with archaeological data. *American Antiquity* 62(4):629- 651.
- Goodenough, Ward H (1956). Residence Rules. *Southwestern Journal of Anthropology* 12(1): 22-37.
- White, T.D. and P. Folkens (2000). Chapters 25-27 in *Human Osteology*, 2nd Ed. San Diego, Academic Press.

9. Comparison and Classification (Sept 16)

- Harvey, Paul and Mark Pagel (1991). Chapter 1 in *The Comparative Method in Evolutionary Biology*. Oxford, OUP.
- Myers, Fred 1992 Representing Culture: The Production of Discourse(s) for Aboriginal Acrylic Paintings. In George E. Marcus, ed., *Rereading Cultural Anthropology*. Durham: Duke U Press. Pp. 319-55.
- O'Brien, Michael J., and R. Lee Lyman (2002). The epistemological nature of archaeological units. *Anthropological Theory* 2(1):37-56.

10. Issues of Scale (Sept 21)

- Marcus, George E. (1995). Ethnography in/of the World System: The Emergence of Multi-Sited Ethnography. *Annual Review of Anthropology* 24:95-117.
- Wandsnider, L. (1992). The spatial dimension of time. In *Space, Time, and Archaeological Landscapes*. J. Rossignol and L. Wandsnider. New York, Plenum: 257-282.
- Wilson, D. S. (2001). Review: Evolutionary Biology: Struggling to Escape Exclusively Individual Selection. *The Quarterly Review of Biology*, 76(2), 199-205.

11. Modeling (Sept 23) FIRST PAPER ASSIGNED

- Banks, Steven C, R. Lempert, and S. Popper. 2002. Making Computational Social Science Effective: Epistemology, Methodology, and Technology. *Social Science Computer Review* 20, no. 4: 377-388.
- Butts, Carter T. 2009. Revisiting the Foundations of Network Analysis. *Science* 325, no. 5939 (July 24): 414-416. doi:[10.1126/science.1171022](https://doi.org/10.1126/science.1171022).
- Premo, Luc S, and Jean-Jacques Hublin. 2009. Culture, population structure, and low genetic diversity in Pleistocene hominins. *Proceedings of the National Academy of Sciences* 106, no. 1 (January 6): 33-37. doi:[10.1073/pnas.0809194105](https://doi.org/10.1073/pnas.0809194105).
- Van der Leeuw, S. E. 2004. Why model? *Cybernetics and Systems: An International Journal* 35, no. 2: 117. doi:[10.1080/01969720490426803](https://doi.org/10.1080/01969720490426803).

CRITICAL ISSUES IN THE HUMAN EXPERIENCE

12. Organization and Interaction (Sept 28) FIRST PAPER DUE IN CLASS

- Bowles, S., & Gintis, H. (2003). The origins of human cooperation. In P. Hammerstein (Ed.), *Genetic and cultural evolution of cooperation*. Pp. 429–443. Cambridge, MA: The MIT Press
- De Queiroz, K. (1988). Systematics and the Darwinian revolution. *Philosophy of Science* 5:238-259.
- Smith, Eric Alden et al. (2010). Wealth Transmission and Inequality among Hunter-Gatherers. *Current Anthropology* 51(1): 19-34.

13. Organization and Interaction (Sept 30)

- Bentley, R. Alexander (2003). Scale-free network growth and social inequality. In *Complex Systems and Archaeology: Empirical and Theoretical Applications*. R.A. Bentley and H.D.G. Maschner, eds. Pp. 27-46. Salt Lake City: University of Utah Press.
- Johnson, G. (1982). Organizational structure and scalar stress. In *Theory and Explanation in Archaeology*. M.R. C. Renfrew and B.A. Segraves, eds.
- Simon, H.A. (1962). The architecture of complexity. *Proceedings of the American Philosophical Society* 106(6):467-482.

14. Organization and Interaction (Oct 5)

- Giddens, Anthony (1984). Elements of the Theory of Structuration. Chapter 1 of his *The Constitution of Society*. Berkeley: U of California Press. Pp. 1-40.
- Pauketat, Timothy R., and Susan M. Alt. 2005. Agency in a Postmold? Physicality and the Archaeology of Culture-Making. *Journal of Archaeological Method and Theory* 12, no. 3 (9): 213-237. doi:[10.1007/s10816-005-6929-9](https://doi.org/10.1007/s10816-005-6929-9).

15. Power (Oct 7)

- Foucault, Michel (1979). The Means of Correct Training. In M. Foucault, *Discipline and Punish: The Birth of the Prison*. New York: Vintage Books. Pp. 170-194.
- Wolf, Eric R. (1990). Distinguished Lecture: Facing Power—Old Insights, New Questions. *American Anthropologist* 92(3):586-596.

16. Culture (Oct 12)

- Abu-Lughod, Lila (1991). Writing Against Culture. In Richard G. Fox, ed., *Recapturing Anthropology: Working in the Present*. Santa Fe: SAR Press. Pp. 137-162.
- Geertz, Clifford (1973b) Deep Play: Notes on the Balinese Cockfight. In his *The Interpretation of Cultures: Selected Essays*. New York: Basic Books. Pp. 412-53.
- Keesing, Roger M. (1974). Theories of Culture. *Annual Review of Anthropology* 3:73-97.

17. Culture (Oct 14)

- Richerson, Peter J., and Robert Boyd (2005). *Not by Genes Alone: How Culture Transformed Human Evolution*. Chicago: University of Chicago Press. Chapt 1 “Culture is Essential” and Chapt 2 “Culture Exists”.
- Tomasello, Michael (1999). The Human Adaptation for Culture. *Annual Review of Anthropology* 28:509-529.

18. Information and Learning (Oct 19)

- Christiansen, Morten H., and Simon Kirby. 2003. Language evolution: consensus and controversies. *Trends in Cognitive Sciences* 7, no. 7 (July): 300-307. doi:[10.1016/S1364-6613\(03\)00136-0](https://doi.org/10.1016/S1364-6613(03)00136-0).
- Deacon, T. (2000). Evolutionary perspectives on language and brain plasticity. *Journal of Commun. Disord.* 33:273-291.
- McElreath, Richard (2004). Social Learning and the Maintenance of Cultural Variation: An Evolutionary Model and Data from East Africa. *American Anthropologist* 106(2):308-321.

19. Information and Learning (Oct 21)

- Barton, C. Michael (2008). General fitness, transmission, and human behavioral systems. In *Cultural Transmission*. M.J. O'Brien, ed. Pp. 112-119. Washington, D.C.: American Archaeology Press.
- Washburn, Dorothy K. (2001). Remembering Things Seen: Experimental Approaches to the Process of Information Transmittal. *Journal of Archaeological Method and Theory* 8(1):67-99.

20. Variation and Diversity: Race (Oct 26)

- Abu-El Haj, Nadia (2007). The Genetic Reinscription of Race. *Annual Review of Anthropology* 36:283-300.
- Cartmill, Matt (1998). The status of the race concept in physical anthropology. *American Anthropologist* 100: 651-660.
- Tishkoff, S.A. and Kidd, K.K. (2004) Implications of biogeography of human populations for 'race' and medicine. *Nat. Genet.* 36:S21-27.

21. Variation and Diversity: Gender (Oct 28) SECOND PAPER ASSIGNED

- Brenner, S. (1995). Why Women Rule the Roost. In M. Peletz and A. Ong, eds. *Bewitching Women, Pious Men: Gender and Body Politics in Southeast Asia*. Berkeley: U of California Press. Pp. 19-50.
- Blackwood, Evelyn (1998). *Tombois* in West Sumatra: Constructing Masculinity and Erotic Desire. *Cultural Anthropology* 13(4):491-521.

22. Identity (Nov 2) SECOND PAPER DUE IN CLASS

- Barton, C. Michael (1997). Stone tools, style, and social identity: an evolutionary perspective on the archaeological record. In *Rediscovering Darwin: Evolutionary Theory in Archaeological Explanation*, edited by C.M. Barton & G.A. Clark, pp. 141-156. Archaeological Papers of the American Anthropological Association, no. 7., Washington, D.C.
- Bernardini, Wesley (2005). Reconsidering spatial and temporal aspects of prehistoric cultural identity: A case study from the American Southwest. *American Antiquity* 70:31-54.
- Hegmon, Michelle (1992). Archaeological research on style. *Annual Review of Anthropology* 21:517-536.

23. Identity (Nov 4)

- Eder, James F. (2004). Who are the Cuyonon? Ethnic Identity in the Modern Philippines. *The Journal of Asian Studies* 63(3):625-647.
- Hendrickson, Carol (1991). Images of the Indian in Guatemala: The Role of Indigenous Dress in Indian and Ladino Constructions. In *Nation-States and Indians in Latin America*, edited by Greg Urban and Joel Sherzer, pp. 286-306. Austin: University of Texas Press.

24. Humans and their Environments (Nov 9)

- Dove, Michael R. (2003). Bitter Shade: Throwing Light on Politics and Ecology in Contemporary Pakistan. *Human Organization* 62(3): 229-241.
- Redman, Charles L., and Ann P. Kinzig (2003). Resilience of past landscapes: resilience theory, society, and the longue durée. *Conservation Ecology* 7(1):14 [online].
- Vayda, Andrew P. and Bradley B. Walters (1999). Against Political Ecology. *Human Ecology* 27(1):167-179.

25. Veterans' Day (Nov 11)**26. Humans and their Environments (Nov 16)**

- Laland, Kevin N., John Odling-Smee, and Marcus W. Feldman (2000). Niche construction, biological evolution, and cultural change. *Behavioral and Brain Sciences* 23:131-146.
- Rindos, D. (1980). Symbiosis, instability, and the origins and spread of agriculture: a new model. *Current Anthropology* 21:751-772.
- Winterhalder, B. and D.J. Kennett (2006). Behavioral ecology and the transition from hunting and gathering to agriculture. In *Behavioral Ecology and the Transition from Hunting and Gathering to Agriculture*, edited by D.J. Kennett and B. Winterhalder, pp. 1-21. University of California Press, Berkeley.

27. Change (Nov 18)

Appadurai, Arjun (1996). Here and Now, and Disjuncture and Difference in the Global Cultural Economy. Chapters 1 and 2 of his *Modernity at Large: Cultural Dimensions of Globalization*. Minneapolis: U of Minnesota Press. Pp. 1-47.

Holtzman, Jon (2004). The Local in the Local: Models of Time and Space in Samburu District, Northern Kenya. *Current Anthropology* 45(1):61-84.

28. Change (Nov 23)

Alvard, Michael S. (2003). The adaptive nature of culture. *Evolutionary Anthropology* 12:136-149.

Cullen, Ben R.S. (1996). Cultural virus theory and the eusocial pottery assemblage. In *Darwinian Archaeologies*. H.D.G. Maschner, ed. Pp. 43-59. New York: Plenum.

Killick, David (2004). Social constructionist approaches to the study of technology. *World Archaeology* 36, no. 4: 571-578. doi:[10.1080/0043824042000303746](https://doi.org/10.1080/0043824042000303746).

29. Thanksgiving (Nov 25)**30. Change (Nov 30)**

Carroll, S. (2003) Genetics and the making of *Homo sapiens*. *Nature* 422: 849-857.

O'Brien, M.J., R.L. Lyman, M. Collard, C.J. Holden, R.D. Grey, and S.J. Shennan (2008). Transmission, phylogenetics, and the evolution of cultural diversity. In *Cultural Transmission*. M.J. O'Brien, ed. Pp. 112-119. Washington, D.C.: American Archaeology Press.

Human Genome Project Information. n.d. Gene Regulatory Networks.

<http://genomicscience.energy.gov/science/generegulatorynetwork.shtml>.

31. Advocacy, Social Policy, and Ethics (Dec 2) – Guest: Alexandra Brewis Slade

Dalton, R. (2004). When two tribes go to war. *Nature*, 430(6999), 500-502. doi:[10.1038/430500a](https://doi.org/10.1038/430500a).

<http://www.nature.com/nature/journal/v430/n6999/full/430500a.html>

Harmon, A. (2010, April 23). Where'd You Go With My DNA? *The New York Times*. Retrieved from

<http://www.nytimes.com/2010/04/25/weekinreview/25harmon.html>

Drabiak-Syed, K. (2010, April 29). Havasupai Tribe and Arizona State University Settlement Agreement: ASU to Return the Blood Samples. PredictER News. Retrieved from <http://predicter.blogspot.com/2010/04/havasupai-tribe-and-arizona-state.html>.

32. Discussion: Anthropology and Interdisciplinary Scholarship (Dec 7)**THIRD PAPER ASSIGNED**

COPIES DUE IN BOTH INSTRUCTORS' MAILBOXES BY MONDAY, DEC. 13 AT NOON.