

Historical Archaeology

Architectural History 3604/7604
Anthropology 3850/7855

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Fall 2015

Class Schedule and Reading

Last Update: 9.28.2015

1.[8.26] Course goals, overview, and requirements; introduction to inference and the archaeological record.

Lab: Excel basics, formulas, scatter plots.

2. [9.2] Historical archaeology and the early Chesapeake

Hoffman, Phillip T.

2015 Chapter 1, Introduction. *Why Did Europe Conquer the World?* Pp. 1-18, Princeton University Press, Princeton.

Deetz, James

1996 Chapter 1, Recalling things forgotten; Chapter 2, The Anglo-American past, pp. 1-67. *In Small Things Forgotten: An Archaeology of Early American Life*. Anchor Books, New York.

Taylor, Alan

2001 *American Colonies: The Settling of North America*. Penguin New York. Chapter 6: Virginia, 1570-1650, pp. 117-137; Chapter 7: Chesapeake Colonies 1650-1750, pp. 138-157

Deetz, James

1988 American Historical Archeology: Methods and Results. *Science*,139(4838): 362-367

And if your Excel skills are a bit rusty, check out these video tutorials. This link takes you to the first of nine lessons. <http://www.youtube.com/watch?v=8L1OVkw2ZQ8>

Lab: Seriation with Excel.

3. [9.9]. The seriation model, English and Chesapeake pipes, and some simple statistical tools.

Dunnell, R.C.

1970 Seriation method and its evaluation. *American Antiquity* 35:305-319.

Agbe Davies, Anna

2004 The production and consumption of smoking pipes along the tobacco coast. In *Smoking and Culture*, edited by Sean M. Rafferty and Rob Mann, pp. 273-304, University of Tennessee Press, Knoxville.

Noel Hume, I.

1969 Tobacco pipes and smoking equipment. In *Guide to the Artifacts of Colonial America*, pp. 296-313. Knopf, New York.

Drennan, Robert

1996 *Statistics for Archaeologists*. Plenum Press, New York. Chapter 1, Batches of numbers, pp. 3-16; Chapter 2: The level or center of a batch, pp. 17-26; Chapter 3: The spread or dispersion of a batch, pp. 27-36.

And it Drennan leaves you wanting more, check out these Kahn Academy videos:

<http://www.khanacademy.org/math/statistics/v/statistics--the-average>

<http://www.khanacademy.org/math/statistics/v/statistics--sample-vs--population-mean>

<http://www.khanacademy.org/math/statistics/v/statistics--variance-of-a-population>

<http://www.khanacademy.org/math/statistics/v/statistics--sample-variance>

<http://www.khanacademy.org/math/statistics/v/statistics--standard-deviation>

Lab: Analyzing pipe-stem assemblages: histograms, means, variances.

4. [9.16] Thinking about consumption.

Carson, Cary

2003 Consumption. In *A Companion to Colonial America*, edited by Daniel Vickers, pp. 334-365. Blackwell, London.

Bergstrom, Carl T.

2006 Honest signaling theory: A basic introduction

http://octavia.zoology.washington.edu/handicap/honest_intro_01.html

Honest signaling theory: examples from biology

http://octavia.zoology.washington.edu/handicap/honest_biology_01.html

Honest signaling theory: examples from economics

http://octavia.zoology.washington.edu/handicap/honest_economics_01.html

Bliege Bird, R. and E.A. Smith

2005 Signaling theory, strategic interaction, and symbolic capital. *Current Anthropology* 46(2):221-248.

Lab: Analyzing pipe-stem assemblages: histograms, means, variances, and regression.

5. [9.23] Pipe-stem data-analysis workshop.

Carson, Cary, Joanne Bowen, Willie Graham, Martha McCartney, and Lorena Walsh.

2008 New World, real world: improvising English Culture in seventeenth-century Virginia. *Journal of Southern History*.74: 31-88.

Carson, Cary *et al.*

2004b *Evaluation of Previous Archaeology*. Colonial Williamsburg Foundation, Williamsburg, VA. Chapter 1, Structures, pp. 1-4, and *passim*. ***In addition to the introduction, read the analysis of each of the structures for which we have pipe-stem data.***

. **Lab:** Pipe-stem data analysis workshop.

6. [9.30] House plans, site structure, and artifact distributions.

Project 1 due.

Presentations and discussion.

Lab: Puzzling out house plans from post holes: The Clifts Plantation Site.

7. [10.7] English vernacular house plans

Neiman, F.D.

1993 Temporal patterning in house plans from the 17th-century Chesapeake. In *The Archaeology of the 17th Century Chesapeake*, edited by T.R. Reinhart and D.J. Pogue, pp. 251-283. Special Publication no. 30, Archaeological Society of Virginia.

O'Connell, J.F.

1987 Alyawara site structure and its archaeological implications. *American Antiquity* 52, 74–108.

Carson, Cary

2013 Plantation housing: seventeenth century. In *The Chesapeake House*, edited by Cary Carson and Carl Lounsbury, pp. 86-114. University of North Carolina Press, Chapel Hill.

Lab: Making artifact distribution maps with ArcGIS and Geostatistical Analyst

8. [10.14]

Wheatley, David and Mark Gillings

2002 Trend Surface and Interpolation, Chapter 9, in *Spatial Technology and Archaeology*, pp. 183-200. Taylor and Francis, London.

Lloyd, C.D. and P.M. Atkinson

2004 Geostatistics and archaeology. *Journal of Archaeological Science*. 31:151–165

ESRI

2010 *Geostatistical Analyst Tutorial*. ESRI, Redlands, CA

Lab: Making artifact distribution maps with ArcGIS and Geostatistical Analyst

9. [10.21] Spatial analysis workshop

Carson, Cary, Norman F. Barka, William M. Kelso, Gary Wheeler Stone and Dell Upton.

1981 Excerpt on St John's from: "Impermanent Architecture in the Southern American Colonies." *Winterthur Portfolio* 16:142, 185-187.

Neiman, Fraser D.

n.d. The Clifts Plantation Site: Summary of Documentary Evidence and Intra-site Chronology. <http://people.virginia.edu/~fn9r/Clifts/CliftsPlantationSummary.html>

Comparative Archaeological Study of Colonial Chesapeake Culture

n.d. Compton (18CV279).

<http://www.chesapeakearchaeology.org/SiteSummaries/ComptonSummary.cfm>

Gibb, James G.

1996. *The Archaeology of Wealth: Consumer Behavior in English America*. Plenum Press, New York. Chapter 8: Compton, 1650's-1660's, pp.147-167.

<http://people.virginia.edu/~fn9r/arh385/Compton/index.html>

Lab: Making artifact distribution maps with ArcGIS and Geostatistical Analyst

10. [10.28] Gentry House Plans

Project 2 due.

Presentations and Discussion.

Lab: Introduction to space-syntax analysis.

11. [11.4] Space Syntax and Chesapeake Gentry House Plans [NO CLASS]

Cutting, M

2003 The use of spatial analysis to study prehistoric settlement architecture. *Oxford Journal of Archaeology* 22, 1–21.

Wenger, Mark

1997 Jefferson's designs for remodeling the Governor's Palace *Winterthur Portfolio* 32: 223-242.

Wenger, Mark R.

2013 Town House and Country House: Eighteenth and Early Nineteenth Centuries. In *The Chesapeake House*, edited by Cary Carson and Carl Lounsbury, pp. 120-155. University of North Carolina Press, Chapel Hill.

12. [11.11] More Space Syntax and English Gentry House Plans

Edwards, Mathew J.

2013 The configuration of built space at Pataraya and Wari provincial administration in Nasca. *Journal of Anthropological Archaeology* 32: 565–576.

West, Susie

1999 Social space and the English country house. In *The Familiar Past*, edited by Sarah Tarlow and Susie West, pp.103-122. Routledge, London.

Gibbs, James

1728(1980) *A Book of Architecture Containng Designs of Buildings and Ornaments*. Arnop Press, New York.

Lab: More Space Syntax.

[11.18] Space Syntax Data Analysis Workshop

Morris, Robert

1757(1983) *Select Architecture, Being Regular Designs of Plans and Elevations well suited to both Town and Country.* Da Capo Press, New York

Architectural Research Department

2002 *The Early Architecture of Tidewater Virginia. A Guidebook for the 23rd Vernacular Architectural Form Conference.* Williamsburg, VA.. (Excerpts)

Neiman, F.D. (compiler)

n.d. Chesapeake gentry house plans from various sources.

Lab: Data analysis workshop

13. [11.25] Thanksgiving Vacation

14. [12.2] Finale!

Project 3 due.

Presentations

Final Discussion