

Historical Archaeology

Architectural History/Anthropology 385/785

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Fall 2008

Class Schedule and Reading

1.[8.27] Course goals, overview, and requirements; introduction to inference and the archaeological record.

Lab: Excel basics: formulas, histograms, scatter plots.

2. [9.3] Consumption and seriation models

Carson, Cary

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

Noel Hume, I.

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

Mouer, L Daniel, *et al.*

1999 Colono Pottery, Chesapeake Pipes, and uncritical assumptions. In *I too am America*, edited by T. Singleton, pp.83-115. University Press of Virginia, Charlottesville.

Dunnell, R.C.

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

UT Excel Tutorial

<http://www.ischool.utexas.edu/technology/tutorials/office/excel/>

Lab: Occurrence seriation, frequency seriation with Excel.

3. [9.10]. Some simple statistical tools

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; Chapter 14: Relating one measurement variable to another measurement variable, pp. 203-226

Lab: Analyzing pipestem assemblages: histograms, means, variances, and regression.

4. [9.17] The Chesapeake and consumption models

Bliege Bird, R. and E.A. Smith

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

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.

Lab: Analyzing pipestem assemblages: histograms, means, variances, and regression.

5. [9.24] Pipestem 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

. **Lab:** Pipestem data-analysis workshop.

6. [10.1] 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. [10.8] English vernacular house plans

Mercer, Eric

1975 *English Vernacular Houses*. Her Majesty's Stationary Office, London. Chapter 4: The through-passage plan, pp. 50-59, Chapter 5: The undivided house, pp. 60-77

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.

Carson, Cary

n.d. Seventeenth-century plantation housing in the Chesapeake colonies. In *The Chesapeake House*. ***Do not distribute further or cite outside this class without permission from Cary.***

Lab: Making artifact distribution maps with ArcGIS and Geostatistical Analyst

8. [10.15] Site structure

O'Connell, J.F.

1993 What can Great Basin archaeologists learn from the study of site structure? An ethnoarchaeological perspective. *Utah Archaeology, 1993*: 7-26.

Wheatley, David and Mark Gillings

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

Lab: Making artifact distribution maps with ArcGIS and Geostatistical Analyst

9. [10.22] Spatial analysis workshop-1.

Muraca, David, Philip Levy, and Leslie McFaden

2003 *The Archaeology of Rich Neck Plantation (44WB52): Description of the Features*. Colonial Williamsburg Archaeological Reports, Williamsburg, VA.

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.htm>

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. [10.29] Spatial analysis workshop-2.

Lab: Analyzing artifact distribution maps with ArcGIS and Geostatistical Analyst.

11. [11.5] Gentry House Plans-1.

Project 2 due.

Presentations and Discussion.

Lab: Introduction to Space-Syntax Measures in Excel.

12. [11.12] Gentry House Plans from the Chesapeake and Caribbean

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.

Wenger, Mark

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

Bafna, Sonit

2003 Space syntax: A brief introduction to its logic and analytical techniques. *Environment and Behavior*, 35: 17-29.

Lab: More Space Syntax.

13. [11.19] Eighteenth-Century English Pattern Books*

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.

Gibbs, James

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

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

*We will work out a research and sampling design in class to incorporate the house plans illustrated in these pattern books into our third project.

Lab: Data analysis workshop

[11.7] Thanksgiving Vacation

14. [12.3] Finale!

Project 3 due.

Presentations

Final Discussion.