



Monticello-UVA Archaeological Field School
Anthropology 5589
Summer 2025



Schedule and Syllabus

UPDATED: 2025.06.09

WEEK ONE: Introduction to the Archaeological Record

Sunday, June 1

- 4:00-6:00 p.m. Welcome reception and tour of Monticello mansion. Meet at Monticello's David Rubenstein Visitor's Center. See <https://goo.gl/maps/uWW7v57gTAFKvqBFA>

Monday, June 2

- 8:30 a.m. Meet at Visitor's Center, Classroom 7 (on the lower level).
- 8:30 a.m. Lecture: *Introduction to Archaeology at Monticello*. Neiman.
- 10:30 a.m. Walking Tour: *The Home-Farm Quarter Landscape*. Neiman.
- 12:30 p.m. Lunch.
- 1:30 p.m. Lecture: *Basic Field Procedures and Archaeological Recording*. O'Connor and Wheeler.

Required:

Neiman, Fraser D.

2008 The lost world of Monticello: an evolutionary perspective. *Journal of Anthropological Research* 64 (2):161-193.*

Department of Archaeology, Monticello

2025 *Field Procedures Manual*.*

2024 *Lab Procedures Manual*.*

Recommended:

Solow, Barbara L.

1993 Slavery and colonization. In *Slavery and the Rise of the Atlantic System*, edited by Barbara L. Solow, pp. 21-42. Cambridge University Press, Cambridge.

Gordon-Reed, Annette and Peter Onuf

2016 Introduction: North and South, pp 1-26; Chapter 2: Plantation, pp. 45-72. In *'Most Blessed of the Patriarchs': Thomas Jefferson and the Empire of the Imagination*. W.W. Norton, New York.

****To be completed before the first class.***

Tuesday, June 3

- 8:30 a.m. Lecture: *Introduction to the Archaeological Record: Soils, Sediments, Stratigraphy, and Site Formation Processes*. Neiman.
- On-site instruction and excavation.

Required:

Banning, E.B.

2000 Chapter 12: Soils, Sediments; Geomorphology; pp. 235-247. In *The Archaeologist's Laboratory: The Analysis of Archaeological Data*. Kluwer, New York.

Recommended:

Mandel, Rolfe D. and E. Arthur Bettis

2001 Use and Analysis of Soils by Archaeologists and Geoscientists: A North American Perspective. In *Earth Sciences in Archaeology*, edited by Paul Goldberg, Vance T. Holiday, and C. Reid Ferring, pp.173-204. Kluwer, New York.

Wednesday, June 4

- 8:30-9:30 a.m. Artifact Workshop: *Ceramics, Part 1*. Chris Devine.
- On-site instruction and excavation.

Required:

Noël Hume, Ivor

1969 Ceramics, American, Ceramics, British, Ceramics, European, and Porcelain, Chinese. In *A Guide to Artifacts of Colonial America*, pp. 98-145, 257-265. University of Pennsylvania Press, Philadelphia.

English Heritage

2017 *How to Make Prehistoric Pottery*.
<https://youtu.be/nr11LjbKIvk>

Ceramic Jim

2018 *Ceramics - Wheel Throwing For Beginners: How to Throw a Cylinder*
<https://youtu.be/dmgMKbHyDFw>

British Pathe

1958 *The Making of Wedgwood*.
<https://youtu.be/DDDBQh8YpfA>

The Transferware Channel

2015 *Transfer Printing Demonstration at Spode - Blue & White Transferware*
<https://www.youtube.com/watch?v=9P7slvxtLho>

Recommended:

Rice, Prudence

1987 Chapter 1: Pottery and its History. In *Pottery Analysis: A Sourcebook*, pp. 3-26. University of Chicago Press, Chicago.

Thursday, June 5

- 8:30-10:00 a.m. Artifact Workshop: *Ceramics, Part 2. Tobacco Pipes, and Lithics*. Corey Sattes.
- 10:30-11:30 a.m. Lecture and Discussion: *The Getting Word African American Oral History Project*. Auriana Woods, Director, *Getting Word African American Oral History Project*
- On-site instruction and excavation.

Required:

Noël Hume, Ivor

1969 Tobacco Pipes and Smoking Equipment. In *A Guide to Artifacts of Colonial America*, pp. 296-313. University of Pennsylvania Press, Philadelphia.

Banning, E.B.

2000 Chapter 8: Analyzing Lithics. pp. 141-150. In *The Archaeologist's Laboratory: The Analysis of Archaeological Data*. Kluwer, New York.

Bates, Niya

2023 Monticello is a Black Space. In *Segregation and Resistance in the American Landscape*, Eric Avila and Thaïsa Way, editors, pp. 347-373. Washington DC: Dumbarton Oaks.

Friday, June 6

- 8:30-9:30 a.m. Walking Tour: *Archaeology of the Mountaintop Landscape*. Neiman.
- 9:30-10:30 a.m. Walking Tour: *Slavery at Monticello*. Justin Bates, Manager of Special Programs.
- 10:30-11:00 a.m. Discussion: *Interacting with Visitors*. Justin Bates.
- On-site instruction and excavation.
- Weekly site summary and discussion.

Required

Beiswanger, William L.

2002 "Thomas Jefferson's Essay in Architecture." In *Thomas Jefferson's Monticello*, edited by Beth L. Cheuk, 1-39. Chapel Hill: UNC Press.

Neiman, Fraser D.

2019 Monticello's First Kitchen: Archaeologists discover evidence of equipment needed for French cuisine. *Monticello Magazine*. Spring-Summer, 2019.

<https://www.monticello.org/monticello-magazine/summer-2019/monticello-s-first-kitchen/>

O'Connor, Crystal and Neiman, Fraser D.

2020 Secrets of Monticello's East Lawn. <https://www.monticello.org/exhibits-events/blog/secrets-of-monticello-s-east-lawn/>

Recommended

Miller, Theresa L., Andrew Volmert, Emilie L'Hôte, Mia Aassar, April Callen, and Clara Gibbons

2022 Making history matter: From abstract truth to critical engagement.. American Association for State and Local History, Nashville.

Stanton, Lucia

2012 "Those Who Labor for My Happiness", in *"Those Who Labor for My Happiness": Slavery at Thomas Jefferson's Monticello*, pp. 1-16. University of Virginia Press, 2012.

WEEK TWO: Chronological Inference: Stratigraphy and Seriation**Monday, June 9**

- 8:30 a.m. Artifact Workshop: *Glass and Nails*. Iris Puryear and Miranda LeClerc.
- On-site instruction and excavation.
- Fieldwork Practicum: Mapping with Trimble GPS.
- Lab rotation throughout the week.

Required:

Noël Hume, Ivor

1969 Bottles, Glass Liquor; Bottles, Glass Pharmaceutical, Drinking Glasses and Decanters. In *A Guide to Artifacts of Colonial America*, pp. 60-71, 72-76, 184-202. University of Pennsylvania Press, Philadelphia.

Corning Museum of Glass

n.d. Glass Blowing. <http://www.cmog.org/video/glass-blowing>

n.d. Mold Blowing. <http://www.cmog.org/video/mold-blowing>

Nelson, Lee

1968 Nail Chronology as an Aid to Dating Old Buildings. *Technical Leaflet 48. History News* 24:11.

Recommended:

Jones, Olive

1971 Glass Bottle Push-Ups and Pontil Marks. *Historical Archaeology* 5(1): 62-73.

Tuesday, June 10

- 8:30 a.m. Lecture and Workshop. *Basics of Stratigraphy*. Neiman.
- Fieldwork Practicum: Mapping with Trimble GPS.
- On-site instruction and excavation.
- Lab rotation throughout the week.

Reading:

Banning, E.B.

2000 Chapter 14: Stratigraphy, pp. 257-264. In *The Archaeologist's Laboratory: The Analysis of Archaeological Data*. Kluwer, New York.

Wednesday, June 11

- 8:30 a.m. Lecture. *Seriation, Mean Ceramic Dating, and Pipestem Dating*. Neiman.
- Fieldwork Practicum: Fieldwork Practicum: Mapping with Trimble GPS.
- On-site instruction and excavation.

Required:

Banning, E.B.

2020 Chapter 18: Seriation, pp. 309-316. In *The Archaeologist's Laboratory: The Analysis of Archaeological Data*, Second Edition. Springer Nature Switzerland AG.

Recommended:

Bates, Lindsey, Jillian E. Galle, and Fraser D. Neiman

2020 Building an Archaeological Chronology for Morne Patate. In *Archaeology in Dominica: Everyday ecologies and economies at Morne Patate*, pp. 64-87, edited by Mark W. Hauser and Diana Wallman. University Press of Florida.

Thursday, June 12

- 7:30 a.m. Field Trip to Coan Hall, University of Tennessee Archaeological Field School, Professor Barbara Heath. Meet at the Monticello Visitor's Center.
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Friday, June 13

- On-site instruction and excavation.
- 3:30 *p.m.* Review for Quiz 1

WEEK THREE: Geoarchaeology and Palynology**Monday, June 16**

- 8:30 *a.m.* **Quiz #1.**
- 9:30 *a.m.* Lecture: *Geoarchaeology and Palynology at Monticello.* Neiman.
- Visit from Poplar Forest Field School.
- On-site instruction and excavation.
- Lab rotation throughout the week.

Required:

Banning, E.B.

2020 Chapter 16. Archaeological Plant Remains, pp. 267-268, 280-291. In *The Archaeologist's Laboratory: The Analysis of Archaeological Data*, Second Edition, pp. Springer Nature Switzerland AG.

Recommended:

Goldberg, Paul and Richard I. McPhail

2006 Chapter 4: Hydrological systems I: slopes and slope deposits. In *Practical and Theoretical Geoarchaeology*, pp. 72-84. Blackwell, Malden, MA.

Tuesday, June 17

- 8:30 *a.m.* Field trip to Monasukapanaugh: a geoarchaeological perspective on landscape change. Dan Hayes. We will meet in the Walmart parking lot on Route 29:
<https://maps.app.goo.gl/rSpezwGETyvDeMjb9>
- On-site instruction and excavation.

Required:

Hantman, Jeffrey L.

2018 Chapter 3: The Archaeology of Ancestral Monacan Society. In *Monacan Millenium: A Collaborative Archaeology and History of a Virginia Indian People*, pp. 77-107. University of Virginia Press, Charlottesville.

Recommended:

Goldberg, Paul and Richard MacPhail

2006 Chapter 5: Hydrological systems II: rivers and lakes. In *Practical and Theoretical Geoarchaeology*, pp. 85-99. Blackwell, Malden, MA.

Wednesday, June 18

- 8:30 *a.m.* Lecture: *Tree Ring Studies in Piedmont Virginia: Applications in Architectural History and Historical Ecology.* Dan Druckenbrod..
- On-site instruction and excavation.
- Monticello Summer Camp

Required:

Stokes, Marvin T. and Terah L. Smiley

1996 Chapter 1: Principles of Tree-ring Dating. In *An Introduction to Tree-ring Dating*, pp. 3-20. University of Arizona Press, Tucson.

Recommended:

de Graauw, Kristen K., and Amy E. Hessel.

2020 Do historic log buildings provide evidence of reforestation following depopulation of Indigenous Peoples? *Journal of Biogeography* 47.3: 630-642.

Druckenbrod, Daniel .L., Fraser D. Neiman, David L. Richardson, and Derek Wheeler

2018. Land-use legacies in forests at Jefferson's Monticello plantation. *Journal of Vegetation Science*, 29(2), pp.307-316.

Thursday, June 19

- **No class in observance of Juneteenth.**

Friday, June 20

- 8:30 a.m. Introduction to the Digital Archaeological Archive of Comparative Slavery (DAACS) and the DAACS Research Consortium. (Elizabeth Bollwerk).
- On-site instruction and excavation.

Required:

Marwick, Ben, Jade d'Alpoim Guedes, C. Michael Barton, Lynsey A. Bates, Michael Baxter, Andrew Bevan, Elizabeth A. Bollwerk *et al.*

2017 "Open science in archaeology." *SAA Archaeological Record* 17: 8-14.

Recommended:

Galle, Jillian E., Elizabeth Bollwerk, and Fraser D. Neiman

2019 The Digital Archaeological Archive of Comparative Slavery: A Case Study in Open Data and Collaboration in the Field of Archaeology. In *New Life for Archaeological Collections*, edited by Rebecca Allena and Ben Ford, pp. 55-90. University of Nebraska Press, Lincoln.

WEEK FOUR: Intra-Site Spatial Analysis and Macrobotanicals**Monday, June 23**

- On-site instruction and excavation.
- Lab rotation throughout the week.

Tuesday, June 24

- 8:30 a.m. Lecture/Discussion: *Deciphering the Occupational Histories of Domestic Sites from Archaeological Spatial Structure* (Neiman)
- On-site instruction and excavation.

Required:

Neiman, Fraser D.

2020 The Organization of Enslaved Households at Site 6: Clues from Monticello and... Australia?. *Monticello Blog*. <https://www.monticello.org/exhibits-events/blog/the-organization-of-enslaved-households-at-site-6-clues-from-monticello-and-australia/>

Recommended:

Clarke, Amy E.

2022 Rethinking Intrasite Spatial Analysis. In *Intrasite Spatial Analysis of Mobile and Semisedentary Peoples: Analytical Approaches to Reconstructing Occupation History*, edited by Amy E. Clarke and Joseph AM Gingerich, pp. 1-13. University of Utah Press.

Wednesday, June 25

- 8:30 *a.m.* Lecture/Discussion: *Basic Tools for Visualizing and Recovering Intra-site Spatial Data: Interpolation and Spatial Autocorrelation*. (Neiman)
- On-site instruction and excavation
- Monticello Summer Camp

Required:

Conolly, James

2020 Chapter 7: Spatial Interpolation. In *Archaeological Spatial Analysis*, edited by Mark Gillings, Piraye Haciguzeller, and Gary Lock, pp. 118-134. Routledge, London.

Thursday, June 26

- On-site instruction and excavation.

Friday, June 27

- 8:30 *a.m.* Lecture: Introduction to Macrobotanicals. (Kandi Hollenbach).
- On-site instruction and excavation.
- Weekly site summary and discussion.
- 3:30 *p.m.* Review for **Quiz 2**.

Required

Banning, E.B.

2020 Chapter 16. Archaeological Plant Remains, pp. 269-279. In *The Archaeologist's Laboratory: The Analysis of Archaeological Data*, Second Edition, pp. Springer Nature Switzerland AG.

Recommended

Bowes, Jessica, and Heather Trigg

2012 Chapter 8: Social Dimensions of Eighteenth- and Nineteenth-Century Slaves' Uses of Plants at Poplar Forest, pp. 154-171. In *Jefferson's Poplar Forest: Unearthing a Virginia Plantation*, edited by Barbara J. Heath and Jack Gary. University of Florida Press, Gainesville.

WEEK FIVE: Geodesy and Shovel Test Pits**Monday, June 30**

- 8:30 *a.m.* **Quiz 2**.
- 9:30 *a.m.* Lecture: *Geodesy: Datums, Projections, and Coordinate Systems* (Neiman).
- 10:30 *a.m.* Workshop: GPS and *Total Station Basics* (Wheeler)
- Visit by Montpelier Field School.
- On-site instruction and excavation.
- Lab rotation throughout the week.

Required:

Smith, Michael B.

2011 Introduction to Map Projections.

<http://www.microimages.com/documentation/Tutorials/project.pdf>. See also the copy on Github

Tuesday, July 1

- 8:30 *a.m.* Lecture: Planning Shovel-Test-Pit Surveys (Neiman).
- 9:30 *a.m.* STP workshop.
- On-site instruction and excavation.

Required:

Kraker, James J., Michael J. Shott, Paul D. Welch

1983 Design and Evaluation of Shovel-Test Sampling in Regional Archaeological Survey. *Journal of Field Archaeology* 10: 469-480.

Wednesday, July 2

- 7:45 a.m. Field Trip: Archaeological excavations in the Coastal Plain. Meet at the Monticello Visitor's Center.
- 10:00 a.m. Excavations at James Fort, Jamestown Island. Jamestown Rediscovery Project, Association for the Preservation of Virginia Antiquities.
- 1:30 p.m. Colonial Williamsburg Archaeology Lab

Thursday, July 3.

- On-site instruction and excavation.
- Weekly site summary and discussion.
- 2:00 p.m. Workshop: Zooarchaeology (Barnet Pavao-Zuckerman, University of Maryland).
- **Your Weekend Assignment:** Write a discussion question that draws on and integrates archaeological and historical themes of the course to help you review for the final. Write an answer to your question: 1-2 pages single spaced, with citations please! Submit your question and your answer to by Monday at 8:30 a.m.

Required

Banning, E. B.

2000 Chapter 10. Analyzing Osteological and Other Faunal Remains. *The Archaeologist's Laboratory*, pp. 187-207. Kluwer, New York.

Recommended

Pavão-Zuckerman, Barnet, Scott Oliver, Chance Copperstone, Matthew Reeves, Marybeth Harte

2021 African American Culinary History and the Genesis of American Cuisine: Foodways and Slavery at Montpelier. *Journal of African Diaspora Archaeology and Heritage* 9(2):114-147.

Friday, July 4

- **No class in observance of Independence Day.**

WEEK SIX: Getting History from the Archaeological Record**Monday, July 7**

- On-site instruction and excavation.
- Lab rotation throughout the week.

Tuesday, July 8

- On-site instruction and excavation.

Wednesday, July 9

- On-site instruction and excavation.
- Monticello Summer Camp
- 3:00 p.m. Discussion: Careers in Archaeology.

Required:

Society for American Archaeology

2017 Diverse Careers in Archaeology. *The SAA Archaeological Record*, pp. 10-36.

Recommended:

Altschul, Jeffrey H., and Terry H. Klein."

2022 Forecast for the US CRM Industry and Job Market, 2022–2031. *Advances in Archaeological Practice* 10: 355–370.

Thursday, July 10

- 8:30 *a.m.* Final Discussion and Review: *Getting History from the Archaeological Record* (Neiman *et al.*).
- On-site instruction and excavation.
- Final site summary and discussion

Friday, July 11

- Final exam