

Monticello-University of Virginia  
Archaeological Field School 2022

*Review: Weeks 3 and 4*

**1. Concepts: How have the following figured in our Monticello research? More general, how can they be helpful in advancing our understanding of past dynamics, based on archaeological evidence?**

- geoarchaeology
- paleoethnobotany
  - palynology
  - pollen diagram
  - phytoliths
- Paw Paw dating methods: 210-Pb , 14-C, OSL
- zooarchaeology
- dendrochronology
- DAACS
- open science
- geodesy
  - geodetic datum
  - ellipsoid model
  - latitude/longitude
  - map projections
  - real-earth ("global") coordinate systems: e.g. State Plane, UTM.
  - local coordinate system

**2. Field Trips: Observation and Interpretation**

- Monosukapanaugh: describe and interpret the lithostratigraphy and pedostratigraphy we saw in the Rivanna cut bank.
- Paw Paw Valley and Meadow Branch: describe and interpret lithostratigraphic, chemostratigraphic, and biostratigraphic evidence for ecological dynamics associated with tobacco cultivation and the transition to wheat
- Coan Hall: describe and interpret the features and the stratigraphic sequences they contained.

**3. Artifacts:**

- Ceramics identification:
  - materials (i.e., coarse earthenware, etc.), ware types (creamware, etc.), decoration (painted, printed, etc.)
- Ceramic date ranges
- All other artifacts

-pipes, glass, nails (materials, parts, manufacture)