

THE SOCIETY FOR PENNSYLVANIA ARCHAEOLOGY, INC.
Encourages submissions for the SPA Jacob L. Grimm C-14 Award

Applicants must complete one copy of the attached application form for each sample they wish to submit. Should space be required for additional information, please append as attachment sheets. **DO NOT SEND SAMPLES WITH THIS APPLICATION.** Submissions must be reviewed prior to approval by the Jacob L. Grimm C-14 Award Review Committee. Generally a single sample is approved per year by the committee, but this varies depending on available funding. Please note that this is a MATCH and only half the sample cost is funded. Any SPA member in good standing may submit for C-14 samples. SPA Chapters are especially encouraged to submit C-14 samples.

Applications will be processed as they are received. Submission deadline is normally four weeks prior to the next SPA Annual Meeting.

Submit applications to:

Dr. Bernard K. Means
1205 Littlepage Street
Fredericksburg, VA 22401

OR, as a Word, WordPerfect, or PDF file to:
bkmeans@vcu.edu

Completing the SPA's Jacob L. Grimm C-14 Award Application

1. Provide the name, address and phone number of the person completing the application. Supply the applicant's SPA Chapter affiliation, if applicable, and the calendar date of submission.
2. Include the name of the individual who collected the sample and the calendar date when the sample was obtained.
3. Explain explicitly what you expect to learn from your date. This is critical. Do not submit a sample simply because you have sufficient material for dating. What specific event are you dating: a site, an occupation, an association with an artifact or feature type, etc.? Preference is given to samples from very discrete contexts and with clear association with temporally diagnostic artifacts.
4. Give a brief description of methods used in extracting and storing the sample. Make sure you use aluminum foil to wrap and store the sample and place this in a paper bag. Issues to address include: Was the sample moist or dry when stored and was the sample cleaned of soil/root contaminants? Was the sample recovered through waterscreening, flotation using tap or stream water and was the sample hand picked from a soil matrix that contained other foreign associations unrelated to the principal occupation? Is there evidence of mineral leaching or presence of humus? Was smoking permitted on site and if so, to what extent? Was the sample treated with preservatives or fungicides and if so name the product? If the sample came from a plowed field were fertilizers used in the soils? Mention any other forms of possible contaminants to the sample. Explain any type of historic or other disturbances to the site and more importantly, to the sample's context which may have had some affect regarding its integrity.

5. Include the sample's provenience, such as site name and trinomial site designation, UTM coordinates, site elevation, nearest permanent water source, topographic setting, U.S.G.S. quadrangle map name and edition, site location for state, county and township, test unit and level and whether it is feature related.
6. What is the stratigraphic context of the sample? Is it from a feature within a discrete soil zone or from an organic rich paleosol (A-horizon)? Was it deeply buried such as might occur on a site located within a floodplain, a site at the base of a colluvial hillslope or from deep within a rockshelter's sediments? If from a feature give a brief description of the feature AND the location of the sample within the feature. Preference is given to materials from discrete feature contexts, including carbonized material adhering to ceramic vessel fragments. Include a plan and a profile of the feature, indicating where the sample was recovered
7. Are there associated diagnostic artifacts such as pottery, projectile points/knives or other stone tools? Also include here any existing radiocarbon dates from the site or context. If samples exist, please create a list including, if known, the material dated, the Laboratory number, conventional radiocarbon age and error, c13/c12 ratio, context dated, and any associated diagnostic artifacts. If this information has been published, include the reference(s). Also, provide the known, or presumed, time range for the site in years before present (B.P.) or B.C./A.D.
8. Describe the significance of the site. Is it a village, camp or quarry site with good *in situ* remains, etc.? Does the site represent a single or multiple component occupation?
9. Describe the environment of the site. Include setting (floodplain, terrace, upland bench, rockshelter etc.), type of vegetation (eg. conifer or mixed deciduous forest, open field, beach ridge etc.), soils (consult a U.S.D.A county soil survey for the soils specific to the site); the site's bedrock geology and; water (name, nature and distance: eg. Susquehanna River at a distance of 100 meters or ephemeral springhead at a distance of 10 meters).
10. What is the sample material? Is it wood charcoal or something else such as shell, bone, peat, seeds, residue, or some other organic substances? Wood charcoal can be problematic for dating for a variety of reasons, especially if the charcoal represents interior rings or multiple sources. Preference is given to samples from short-lived species or organic residue.
11. Sample size (dry weight measured in grams, if possible). It is preferable that the sample be thoroughly dried prior to submission. AMS dating will be considered for small samples from discrete contexts or from carbonized residue.

Include any additional comments you may deem necessary concerning the sample to be submitted. Doing so will be most helpful to the review committee and the laboratory.

THE JACOB L. GRIMM CARBON-14 AWARD
THE SOCIETY for PENNSYLVANIA ARCHAEOLOGY, INC.

1. Submitted by: _____ Date _____
Name _____
Address _____ Tel: () _____
Email _____
Chapter Affiliation _____

2. Name of Collector _____ Date of Collection _____

3. Explain explicitly what you expect to learn from your date.

4. Describe briefly how the sample was collected, treated, and stored; include possible sources of contamination:

5. Sample Provenience:

Site Name _____ Site Number _____
State _____ County _____ Township _____
U.S.G.S. Quadrangle Map Name and Edition _____
UTM Coordinates: Zone _____ Easting _____ Northing _____
Topographic Setting _____
Square, Trench, or Test Pit _____
Feature _____ Level _____
Other Information:

6. Stratigraphic context of the sample:

7. Associated diagnostic artifacts:

8. Describe the significance of the site:

9. Describe the environmental setting of the site (Include the underlying and overlying geologic formation, soil series, soil pH, etc.):

10. Sample material: charcoal bone wood peat seeds residue
 shell carbonates other (specify) _____

Has the material been identified? If so, give genus and species and who did the identification.

11. Sample size (dry weight in grams): _____

12. Additional comments about the sample: