

***Elizabeth T. Horton, Ph.D***

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Education

Washington University in St. Louis Ph.D. 2010  
Anthropology. *The Ties that Bind; Prehistoric Fabric Production and Fiber Use in the Ozark Plateau*  
Washington University in St. Louis. M.A. 2003  
Anthropology. *Investigation of Perishable Materials Associated with Fawn Hoof, a Desiccated  
Burial from Short Cave, Kentucky.*  
Webster University. B.A. 1996  
Double degree: Anthropology - Religious Studies

Employment

2011 to 2020 *Assistant Archeologist*. Arkansas Archeological Survey, Toltec Mounds  
Research Station, Scott AR (40hrs week)  
*Research Faculty*, University of Arkansas, Department of Anthropology,  
Fayetteville, AR  
2010- 2011 *Postdoctoral Research Associate*, Arkansas Archeological Survey,  
Fayetteville, AR, (40 hrs week)  
2008 *Research Associate*. St. Louis Archaeological Research Center (ARC)  
(project based, 40 hrs week)  
2005- 2007 *Field Supervisor* (seasonal, project based, 40 hrs week May-July) Fort San  
Juan / Berry Site Field School, NC  
(Exploring Joara Foundation)  
2005 *Graduate Student Director*, Blake Archaeological Laboratory, Washington  
University in St. Louis. (part time, 20 hrs week)  
2004 *Field Supervisor* (seasonal), Tensas Bayou Geoarchaeological and  
Archaeological Research Project, LA (project based, 40 hrs week May –  
July)  
2002-2003 *Field Supervisor* (seasonal, project based, 40 hrs week)) Central Mississippi  
Valley Archaeological Research Institute (CMVARI) and University of  
Missouri in St. Louis  
2001 *Laboratory supervisor* (seasonal, project based, 40 hrs week)) Central  
Mississippi Valley Archaeological Research Institute (CMVARI)  
1999 – 2007 *Research Assistant*, Central Mississippi Valley Archaeological Research  
Institute (CMVARI) (Project based)

Research and Educational Projects

2014-2020 Plum Bayou Garden: Public Educational and Research Garden at Toltec  
Mounds Archaeological State Park, Scott AR  
([www.facebook.com/PlumBayouGarden](http://www.facebook.com/PlumBayouGarden))  
2017-2019 IVA RNA work packet for the “The Palette for Selection” PIs; Natalie  
Mueller (Washington University in St. Louis), and Logan Kistler (National  
Museum for Natural History)  
2016-ongoing Spiro Perishable Project

2015-ongoing Al Baled and the Land of Frankincense (PI, Krista Lewis, University of Arkansas Little Rock, Lab director, Kristy Miller, Estralla Mountain Comm. College). Project paleoethnobotanist and field co-director

### Grants, Scholarships, and Fellowships

2019 Arkansas Archeological Society; ARF Grant (co-author Carl Drexler) for “Radiocarbon Dates for Holman Springs (3SV29) a Caddo Salt Site.  
2017 Arkansas Archeological Society; ARF Grant (co-collaborators Timothy Mulvihill and Mary Brennan) for “Radiocarbon Dates for the Woolsey (3FR46) Site.  
2016 Arkansas Archeological Society; ARF Grant for “Spiraling Through Time; Radiocarbon Dates for Iconographic Basketry from the Ozark Plateau”  
2015 SEAC Public Outreach Grant (Co-authors Jodi Barnes, Emily Beahm, George Sabo), for “Gathering, Gardening and Agriculture: A Fifth Grade Curriculum”  
2014 Arkansas Humanities Council and The National Endowment for the Humanities, for “The Plum Bayou Garden at Toltec Mounds State Park”  
2009 Washington University in St. Louis, Graduate School of Arts and Sciences Continuing Fellowship  
2007 National Science Foundation Behavioral and Social Sciences Program Dissertation Improvement Grant (NSF 0731401)  
2002 Cave Research Foundation Karst Fellowship: Grant In support of MA research  
2001-2003 Washington University in St. Louis, Graduate School of Arts and Sciences Fellowship  
2001- 2009 Washington University in St. Louis, Graduate School of Arts and Sciences Scholarship

### Publications

Meyers, Maureen S., Elizabeth T. Horton, Edmond A. Boudreaux, Stephen B. Carmody, Alice P. Wright and Victoria G. Dekle

2018 The Context and Consequences of Sexual Harassment in Southeastern Archaeology. *Advances in Archaeological Practice* 6(4): 275-287.

Mueller, Natalie G., Gayle J. Fritz, Paul Patton, Stephen Carmody, and Elizabeth Horton

2017 “Growing Lost Crops: New Directions in the Study of Eastern North America’s Original Agricultural System” *Nature: Plants* 3 (1-5)

Barnes, Jodi, Emily Beahm, Elizabeth T. Horton and George Sabo

2016 “Gathering, Gardening and Agriculture; A Fifth Grade Social Sciences Curriculum” *Arkansas Archeological Survey, Fayetteville, AR* (curriculum available free at [www.archeology.uark.edu/gga/about-us/](http://www.archeology.uark.edu/gga/about-us/))

Beck, Robin A., David G. Moore, Christopher B. Rodning, Sarah Sherwood and Elizabeth T. Horton

2016 “The Built Environment of The Berry Site Spanish Compound.” In *Fort San Juan and the Limits of Empire: Colonialism and Household Practice at the Berry Site*. Edited by Robin A. Beck, David G. Moore and Christopher B. Rodning, pp: 85-149. University of Press, Florida.

Meyers, Maureen S., Tony Boudreaux, Stephen Carmody, Victoria Dekle, Elizabeth Horton and Alice Wright

2015 Preliminary Results of the SEAC Sexual Harassment Survey. *Horizon and Tradition: The Newsletter of the Southeastern Archaeological Conference* 57(1):19-35

Horton, Elizabeth T.

2007 Investigation of Perishable Materials Associated with Fawn Hoof, a Desiccated Burial from Short Cave, Kentucky. In *Current Archaeological Research in Kentucky: Volume Eight*, edited by David Pollack. pgs.91-108. Kentucky Heritage Council. Lexington, Kentucky.

#### Presentations, Professional, co-authored

Horton, Elizabeth and Stephen Carmody

2016 *A Tale of Two Gardens: Integrating Paleoethnobotanical Research and Public Archaeology*. Paper presented at the 73<sup>rd</sup> Annual Meeting of the Southeastern Archeological Conference, Athens, Georgia.

Horton, Elizabeth T. and George Sabo

2011 *Framing the Sacred: The Craig Mound Copper Plate Bundles*. Paper presented at the 76<sup>th</sup> Annual Conference of the Society of American Archaeology, Sacramento CA.

#### Presentations, Professional

Horton, Elizabeth T., Maureen Meyers, Edmond A. Boudreaux III, Stephen Carmody, Alice Wright and Victoria Dekle,

2018 *Results of the SEAC Sexual Harassment Survey*. Paper presented at the 75<sup>th</sup> Annual Meeting of the Southeastern Archaeological Conference, Plenary Session; Towards Evidence Based, Community Solutions to Sexual Harassment and Assault in Southeastern Archaeology. Augusta, GA

Horton, Elizabeth T.

2017 *Threads of Time: The Paleoethnobotany of Perishable Technologies in the Ozark Plateau*. Paper presented at the 74<sup>th</sup> Annual Meeting of the Southeastern Archaeological Conference. Tulsa, OK

2014 *News Threads of Research from Old Collections; Technique, Style, and Iconography in Basketry and Textiles from Craig Mound at Spiro*. Paper presented at the 72<sup>nd</sup> Plains Anthropological Conference, Fayetteville, AR.

2014 *Weaving for the Worlds Beyond; Technique, Style, and Iconography in Basketry and Textiles from Craig Mound at Spiro*. Paper presented at the 71<sup>st</sup> Annual Meeting of the Society for American Archeology, Greenville, SC

2014 *Weaving from Forests and Spinning the Fields; 3,000 Years of Fiber Use in the Ozark Highlands of the Southeastern United States*. Paper presented at the 71<sup>st</sup> Annual Meeting of the Society for American Archeology, Greenville, SC

2014 *Cane Cultures: Investigating the Archeological Record of Rivercane Use in the Pre-Columbian Southeastern United States*. Joint conference for the Society for Ethnobiology and the Society of Economic Botany, Cherokee, NC.

2013 *The Craig Mound Perishable Project and the Identification of the Petaca of the Southeast*. Paper presented at the 55<sup>th</sup> Annual Caddo Conference, Tulsa, OK.

- 2012 *From the Looter's Cast-off Pile to the Center of Research; Sacred Bundles from Craig Mound, Spiro Oklahoma.* Paper presented at the American Anthropological Association 111<sup>th</sup> Annual Conference, San Francisco, CA
- 2011 *The Craig Mound Perishable Project.* Paper presented at the 53<sup>rd</sup> Annual Caddo Conference, Forth Smith, AR.
- 2010 *The Ties That Bind: 3000 Years of Fabric Production and Fiber Use in the Ozark Plateau.* Paper presented at the 75<sup>th</sup> annual Conference of the Society for American Archaeology. St. Louis, Missouri
- 2008 *A New Look at Perishable Technologies from the Ozark Plateau: Focus on Fiber.* Paper presented at the 31st Annual Conference of the Society of Ethnobiology. Fayetteville, Arkansas.
- 2003 *Investigation of Perishable Materials Associated with Fawn Hoof, a Desiccated Burial from Short Cave, Kentucky.* Paper presented at the 16th annual Kentucky Archaeological Conference. Lexington, Kentucky
- 2002 *Pots and Cloth: Textile Analysis of Fabric Impressed Ceramics from the Herrell Site, Jv55, Jefferson County, Missouri.* Paper presented Fifty-ninth Southeastern Archaeological Conference. Biloxi, Mississippi.

#### Symposia organized and chaired

Elizabeth T. Horton, Symposium Chair

- 2014 Style and Iconography, 71<sup>st</sup> Annual Meeting of Southeastern Archaeology, Greenville, SC

Natalie Mueller, Paul Patton and Elizabeth Horton, Symposium organizers;

- 2017 Growing Lost Crops: Insights into the Eastern Agricultural Complex from Living Plants. 73<sup>rd</sup> Annual Meeting of the Southeastern Archeological Conference, Athens, Georgia.

#### Selected Invited Lectures and Panels

- 2018 *The First Farmers and Lost Crops of Arkansas.* EARTHTalk! Lecture Series, University of Arkansas, Little Rock
- 2018 *Growing the Lost Crops; Experimental and Public Archaeology in the Plum Bayou Garden.* Departmental Colloquium, UNC- Chapel Hill, Department of Anthropology
- 2017 *Lost Crops in a Modern Garden.* Keynote address for the Arkansas Master Gardeners Annual Meeting.
- 2017 *The Plum Bayou Garden: Integrating Paleoethnobotany and Public Outreach.* Presented for "Food for Thought" Speaker Series. Ohio University, Athens Ohio
- 2012 *The Paleoethnobotany of Technology.* Arkansas Master Naturalists, Central Arkansas Chapter, Lecture series, Little Rock, AR.
- 2011 *Weaving Worlds: Textile and Basketry in the Pre-Columbian Southeastern United States.* Cahokia Mounds World Heritage Site and State Park Winter Lecture Series, Cahokia, IL.
- 2010 *Integrating Subdisciplinary Research.* SEAC Student Affairs Panel, 75<sup>th</sup> annual South Eastern Archeological Conference, Oct. 2010, Lexington, KY.

#### Technical Reports (unpublished)

- 2019 *Paleoethnobotanical Analysis of 3FR46, Wolsey.* Prepared for the Arkansas Archeological Survey, Fort Smith, AR

- 2019 *Paleoethnobotanical Analysis of 3SV29, Holman Springs*. Prepared for the Arkansas Archeological Survey – SAU Station, Magnolia, AR.
- 2011 *Paleoethnobotanical Analysis of 3PU15, Isgrig Site*. Prepared for the Arkansas Archeological Survey – UAPB Station, Pine Bluff, AR.
- 2010 *Inventory and Documentation of the Perishable Artifacts and Macrobotanical Remains from the Gregoire Collection*. Prepared for the Arkansas Archeological Survey, Fayetteville, AR and the Arkansas Tech University Museum, Russellville, AR.
- 2010 *Preliminary Wood Identifications for Palisade and Village Structures from Angel Mounds, 12VG1*. Prepared for the Glenn Black Laboratory of Archaeology. Bloomington, IN.
- 2010 *Matting and Cane from the Angel Mounds, 12VG1, 2009 excavations*. Prepared for the Glenn Black Laboratory of Archaeology. Bloomington, IN.
- 2008 *Fiber and Textile Analysis: Fabric and Tie from Yaneka, a Chickasaw site*. Horton, Elizabeth T. and Cat T. Adams. Prepared for John Connaway, Mississippi Department of Archives and History.
- 2000 *Textile Attribute Analysis of Fabric-impressed Ceramics from the Herrell site, Jv55, Jefferson County, Missouri*. Ms. on file at Washington University in St. Louis, MO.

### Teaching Experience

ANTH4398 Special Topics: Experimental Archeology, University of Arkansas, Little Rock (co-taught with Dr. Krista Lewis)

ANTH4600 Archaeological Field Research, University of Arkansas, Little Rock (Instructor of record Krista Lewis), Spring 2013

Organized, directed, and trained students for the 2013 “Spring Break Dig,” a one-week intensive field training for students at Toltec Mounds Archeological State Park

Arkansas Archeological Survey and the Arkansas Archeological Society Annual Training Program’s “Basic Excavation” (seminar enrollment varies from 5 to 15, all ages). Summer 2011, 2012, 2013, 2015, 2016, 2018

Intensive, all day, week long course which acts as the primary introduction to field methods and ethics in archaeology for volunteers of all ages. The week of training is split between in class lecture and discussion of ethics and core fundamentals to field archaeology and hands on field methods in excavation.

Arkansas Archeological Survey and the Arkansas Archeological Society Annual Training Program’s “Advanced Seminar: Paleoethnobotany” (seminar enrollment varies from 5 to 15, all ages). Summer 2014, 2017, 2019

Intensive, all day advanced seminar introduces volunteers to method and theory in paleoethnobotanical research. Hands on raining primarily focuses on best sampling practices in the field, as well as initial flotation processes of soil samples, but also introduces participants to experimental archaeology, botanical identification, ethnobotany, scientific literacy and anthropological perspectives on foodways and landscape use.

OLLI, University of Arkansas

Plant Domestication in Eastern North America. March 2019 (8 enrollees)

Intensive day-long seminar for adult learners into the history of both the science of paleoethnobotany and the study of the independent plant domestication in Eastern North America.

### Internships Supervised

- 2012 Phillip Green, Hendrix College; Archaeological lab and field internship at Toltec Mounds Research Station.
- 2014 Devin Sorrows, University of Arkansas, Little Rock; Archaeological lab and field internship at Toltec Mounds Research Station.
- 2018 Jenna Braccas; Paleoethnobotany and Ethnobotany Internship at Toltec Mounds Research Station.
- 2018 Rachel Jones, University of Arkansas, Little Rock; Archaeological lab and field internship at Toltec Mounds Research Station.

### Thesis and Dissertations committees

James Zimmer -Dauphinee, University of Arkansas (Chair, Ken Kvamme)

- 2014 Seeing Below the Surface with Electrical Resistivity Tomography: Exploring the Deepest Reaches of Arkansas' Tallest Prehistoric Mounds

Kara Alspaugh, University of Alabama (Chair, Ian Brown)

- 2014 The Terminal Woodland: Examining Late Occupations on Mound D at Toltec Mounds (3LN42), Central Arkansas.

### Professional Service

Executive Board Member II, SEAC (2016-2019)

Digital Data Collection Initiative (Arkansas Archeological Survey) (2017-ongoing)

### Media Interviews and appearances

<https://www.atlasobscura.com/articles/native-american-crops>

[https://katv.com/community/good-afternoon-ark/arkansas-symphony-orchestra-raiders-of-the-lost-ark-](https://katv.com/community/good-afternoon-ark/arkansas-symphony-orchestra-raiders-of-the-lost-ark-concert?fbclid=IwAR3zuGn5K4ieOSkNTlv3_fHOYZK_VBliUqKecRdBBZeCpM7DOvJiAChKj9s)

[concert?fbclid=IwAR3zuGn5K4ieOSkNTlv3\\_fHOYZK\\_VBliUqKecRdBBZeCpM7DOvJiAChKj9s](https://roadsandkingdoms.com/2016/welcome-to-the-archaeolympics/)

<https://roadsandkingdoms.com/2016/welcome-to-the-archaeolympics/>

[https://news.uark.edu/articles/45138/research-archeologist-studies-prehistoric-textiles-at-u-of-a-](https://news.uark.edu/articles/45138/research-archeologist-studies-prehistoric-textiles-at-u-of-a-museum)

[museum](https://news.uark.edu/articles/45138/research-archeologist-studies-prehistoric-textiles-at-u-of-a-museum)

[https://www.arktimes.com/ArkansasBlog/archives/2016/11/04/digging-into-little-rocks-past-early-](https://www.arktimes.com/ArkansasBlog/archives/2016/11/04/digging-into-little-rocks-past-early-bathroom-edition)

[bathroom-edition](https://www.arktimes.com/ArkansasBlog/archives/2016/11/04/digging-into-little-rocks-past-early-bathroom-edition)

[https://issuu.com/hillcrestresidentsassociation/docs/hra\\_newsletter\\_spring2016\\_issue](https://issuu.com/hillcrestresidentsassociation/docs/hra_newsletter_spring2016_issue)

### Awards

Barnes, Jodi, Emily Beahm, Elizabeth Horton, and George Sabo

- 2018 Preserve Arkansas: Excellence in Heritage Preservation for “Gathering, Gardening and Agriculture; a Fifth Grade Curriculum.”

### Professional Memberships

Southeastern Archaeological Conference (SEAC)

Society of Economic Botany (SoEB)

Arkansas Archeological Society (AAS)