

## *Curriculum Vitae*

**Mary L. Simon**

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### **Current Position**

1998 to present: Chief Archaeobotanist, Illinois State Archaeological Survey (formerly Illinois Transportation Archaeological Research Program), a Division of the Prairie Research Institute, University of Illinois, Champaign, Dr. Thomas E. Emerson, Director Develop and oversee operations at the Illinois State Archaeological Survey, Archaeobotanical Research Laboratory. Responsible for all phases of macrobotanical analysis: processing, identifications, and report preparation. Specific current research topics include use of plant fibers for prehistoric textile manufacture and histories of maize and squash use in Illinois.

Other areas of interest include processes of prehistoric domestication with a focus on the Midwestern United States, regional subsistence studies, and prehistoric impacts on local landscapes.

### **Previous Employment**

1994-1998 Assistant Coordinator, Statewide Survey Division and Research Archaeobotanist. Illinois Transportation Archaeological Research Program, University of Illinois, Champaign, Dr. Thomas E. Emerson, Director

1980-1994 Staff Archaeologist, Resource Investigation Program, Department of Anthropology University of Illinois, Champaign, Charles J. Bareis Director

### **Education**

1980 Bachelor of Arts-Anthropology  
University of Illinois, Urbana-Champaign

1988 Master of Arts-Anthropology  
University of Illinois, Urbana-Champaign

2007 Master of Science -Plant Biology  
University of Illinois, Urbana-Champaign

### **Professional Organizations**

Society for American Archaeology  
Midwest Archaeological Conference  
Illinois Archaeological Survey  
Southeastern Archaeological Society

### **Teaching and Other Professional Experience**

Supervisor, Summer Internship Program, Archaeobotanical Analysis Laboratory  
2002, 2003, 2005

Illinois Transportation Archaeological Research Program  
Provide instruction in analysis of plant remains from archaeological sites to students interested in this area of research. Internships are tailored to the individual and last from 4 to 8 weeks in the summer.

Instructor, Introduction to Paleoethnobotany  
1997, 1998, 2005

Developed a one semester individual study/readings class, offered through the Department of Anthropology, University of Illinois, Urbana and the Illinois Transportation Archaeological Research Program, Dr. Thomas E. Emerson, Director.

Instructor, Topics in Paleoethnobotany  
1997, 1998

Developed one semester individual study/readings class, offered through the Department of Anthropology, University of Illinois, Urbana and the Illinois Transportation Archaeological Research Program, Dr. Thomas E. Emerson, Director.

Organized symposium: "Plants and Technology" for the 46<sup>th</sup> Midwestern Archaeological Conference, Urbana, Illinois

### **Reviewed Publications**

2011 Evidence for Variability Among Squash Seeds from the Hoxie Site (11CK4) Illinois. *Journal of Archaeological Science* 38 (2079-2093).

2010 Beyond Gathering: Early Plant Cultivation In Illinois. *Illinois Antiquity*

2009 Life in Illinois After the Glaciers (with Dale McElrath) *Illinois Steward*. Fall

2009 Archaeology- People and the Early Illinois Landscape: The History Beneath Our Feet. coauthor with Dale McElrath, Alice Berkson, Mark Brantsner, Steve Kuehn, Eve Hargravem Kris Hedman and Brenda Beck. Chapter 16, *Illinois Master Naturalist Curriculum Guide*

2008 Review of Architectural Variability in the Southeast by Cameron H. Laquement. *Illinois Archaeology* 20.

2006 Prehistoric Plant Use in the American Bottom: New Thoughts and Interpretations (with K. E. Parker) *Southeastern Archaeology* 25(2): 170-211.

2009 A Regional and Chronological Synthesis of Archaic Plant Use in the Midcontinent. In *Archaic Societies in the Midwest*, edited by Thomas E. Emerson, Andrew C. Fortier and Dale McElrath, pp 81-114. University of Nebraska Press, Lincoln.

2005 Review of L. Bush, *Boundary Conditions: Macrobotanical Remains and the Oliver Phase of Central Indiana A.D. 1200-1450*. *Illinois Archaeology* 17:202-204.

2005 Marginal Horticulturalists or Maize Agriculturalists? Archaeobotanical, Paleopathological, Isotopic, and Settlement Studies Relating to Langford Tradition Agricultural Practices. (with Thomas E. Emerson and Kristin M. Hedman) *Midcontinental Journal of Archaeology* 30(1):67-118.

2002 Red Cedar, White Oak, and Bluestem Grass: The Colors of Mississippian Construction. *Midcontinental Journal of Archaeology* 27(2): 273-308.

2000 Early Late Woodland Resource Exploitation Strategies as Seen from the Formal Gardens Site, Rock Island Illinois, (with Thomas R. Wolforth and Paul P. Kreisa). *Illinois Archaeology* 12 (1-2):57-109.

2000 Regional Variations in Plant Use Strategies in the Midwest during the Late Woodland. In *Late Woodland Societies: Tradition and Transformation Across the Midcontinent*, edited by T. E. Emerson, D. L. McElrath, and A. C. Fortier, pp. 37-73. University of Nebraska Press, Lincoln.

1993 The Wilderman Site (11S729): A Late Woodland Period Settlement in Southwestern Illinois, (with Thomas R. Wolforth). *Illinois Archaeology* 5(1-2):215-232.

### **Conference Papers**

2012 Re-evaluating the Introduction of Corn Into Western Illinois. Paper presented at the Midwest Archaeological Conference, East Lansing, Michigan.

2010 A Reevaluation of the Sponemann Phase and Its Implication for Understanding Maize Use in the Midwest. (With Andrew Fortier and Kathryn Parker) paper presented at the 50th Midwest Archaeological Conference, La Cross Wisconsin.

2006 An Analysis of Textile Fragments from the Janey B. Goode Site (with A. Thompson) Paper presented at the 46<sup>th</sup> Midwest Archaeological Conference, Urbana, Illinois.

2005 Middle Woodland Plant Use and Pottery in the Uplands of West Central Illinois (with L. Calentine). Paper presented at the 45<sup>th</sup> Midwest Archaeological Conference, Dayton, Ohio.

2003 Building Social Boundaries: Mississippian Period Red Cedar Use in the American Bottom. Paper presented at the 68<sup>th</sup> Annual Meeting of the Society for American Archaeology, Milwaukee, Wisconsin.

2003 Not Your Everyday Garbage: Plant Remains from Ritual Storage Structures at East St. Louis. Paper presented at the 43<sup>rd</sup> Annual Midwestern Archaeology Conference, Milwaukee Wisconsin

2002 Crops Before Corn: Early Plant Cultivation in the Eastern Woodlands. Paper presented to the East Central Illinois Archaeological Society, Urbana, Illinois.

1997 Regional Variations in Plant Use Strategies in the Midwest During the Late Woodland. Paper presented at the Late Woodland Conference, University of Illinois, Urbana, Illinois.

1996 New Data and Preliminary Insights into the Cahokian Collapse (with T. E. Emerson, E. A. Hargrave, K. Hedman, and V. Williams). Paper presented at the 61<sup>st</sup> Annual Meeting of the Society for American Archaeology, New Orleans, Louisiana.

1996 The Middle to Late Woodland Transition in the American Bottom (with A. C. Fortier and D. K. Jackson). Prepared for symposium entitled: *Heartland and Frontiers: Reexamining the Late Woodland Transition*. Paper presented at the 61<sup>st</sup> Annual Meeting of the Society for American Archaeology

1995 Detours and Divergences on the Pathway to of Prehistoric Plant manipulation (with K. E. Parker). Paper presented at the 60<sup>th</sup> Annual Meeting of the Society for American Archaeology, Minneapolis, Minnesota.

1994 Exploitation and Manipulation: Prehistoric Human-Plant Relationships in the Central Mississippi Valley (with K. E. Parker). Paper presented at the combined Southeastern Archaeological Conference and Midwest Archaeology Conference, Lexington, Kentucky

### **Other Publications**

1990 Appendix C; Archaeobotanical Remains from Middle Woodland Feature 51. In *The Nocha Site: The Early, Middle, and Late Archaic Occupations*, edited by Michael, Higgins, pp. 261-163. American Bottom Archaeology FAI 270 Site Reports vol. 21. University of Illinois Press, Urbana. Illinois.

1992 The Ethnobotanical Remains from the Ernat Site (11LS267). Manuscript on File, Illinois Transportation Archaeological Research Program, University of Illinois, Urbana.

1994 Floral Remains. In *The Holdener Site: Late Woodland, Emergent Mississippian, and Mississippian Occupations in the American Bottom Uplands*, by Warren L. Wittry, John C. Arnold, Charles O. Witty, and Timothy R. Pauketat, pp. 115-119. American Bottom Archaeology, FAI-270 Site Reports. vol. 26,. University of Illinois Press, Urbana.

1995 Archaeobotanical Assemblage. In *The Sister Creeks Site Mounds: Middle Woodland Mortuary Practices in the Illinois River Valley*, edited by Michael C. Meinkoth, pp105-108. Transportation Archaeological Research Reports vol 2. Illinois Transportation Archaeological Research Program, University of Illinois, Champaign Illinois

1996 Late Archaic Plant Remains. In *The Marge Site: Late Archaic and Emergent Mississippian Occupations in the Palmer Creek Locality*, edited by Andrew C. Fortier, pp. 79-94. American Bottom Archaeology, FAI-270 Site Reports vol. 27. University of Illinois Press, Urbana.

1999 Archaeobotanical Assemblage. In *The Rock River Sites: Late Woodland Occupation Along the Middle Rock River*, by Anne R. Tittlebaum, pp 151-208. Transportation Archaeological Research Reports vol 4. Illinois Transportation Archaeological Research Program, University of Illinois, Champaign Illinois.

1999 Plant Remains from the Keeshin Farm Site. In *The Keeshin Farm Site and the Rock River Langford Tradition in Northern Illinois*, edited by Thomas E. Emerson, pp 153-186. Transportation Archaeological Research Reports vol 7. Illinois Transportation Archaeological Research Program, University of Illinois, Champaign Illinois.

2000 Plant Remains from the Ringering Site. In *The Ringering Site and the Archaic-Woodland Transition in the American Bottom*, edited by J. Bryant Evans and Madeleine Evans, pp. 347-380. Transportation Archaeological Research Reports vol. 8. Illinois Transportation Archaeological Research Program, University of Illinois, Champaign.

2000 Plant Remains from the Hawkins Hollow Site. Draft Manuscript on file, Illinois Transportation Archaeological Research Program, University of Illinois at Urbana-Champaign.

2001 Appendix I Plant Remains from Burials. In *The Halliday Site: Investigations into Early Mississippian Mortuary Behavior*, by Eve A. Hargrave and Kristin Hedman, pp 167-168. Research Reports No 50. Illinois Transportation Archaeological Research Program, University of Illinois, Champaign.

2001 The Archaeobotanical Assemblage (Dash Reeves). In *The Dash Reeves Site: A Middle Woodland Village and Lithic Production Center in the American Bottom*, edited by A. C. Fortier, pp. 225-248. vol. 28. University of Illinois Press, Urbana, American Bottom Archaeology FAI-270 Site Reports.

2003 Archaeobotanical Remains. In *Archaeological Investigations at the Widman Site*, by Thomas R. Wolfarth and Ricahrd L. Alvey, pp 78-115. Research Reports No 56. Illinois Transportation Archaeological Research Program, University of Illinois, Champaign.

2003 Archaeobotanical Remains, Vaughn Branch Site. In *The Vaughn Branch and Old Edwardsville Road Sites: Late Stirling and Early Moorehead Phase Mississippian Occupations in the American Bottom*, edited by Douglas K. Jackson and Phil G. Millhouse, pp. 153-190. Transportation Archaeological Research Reports vol. 16. Illinois Transportation Archaeological Research Program, University of Illinois, Champaign.

2003 Archaeobotanical Remains, Old Edwardsville Road Site. In *The Vaughn Branch and Old Edwardsville Road Sites: Late Stirling and Early Moorehead Phase Mississippian Occupations in the American Bottom*, edited by Douglas K. Jackson and Phil G. Millhouse, pp. 337-366. Transportation Archaeological Research Reports vol. 16. Illinois Transportation Archaeological Research Program, University of Illinois, Champaign.

2005 Ethnobotanical Analysis. In *The Duncan Site: Investigations Into Bauer Branch Occupation Along the Spoon River in Fulton County Illinois*, by Richard L. Fishel, pp 75-90. Research Reports No 97. Illinois Transportation Archaeological Research Program, University of Illinois, Champaign.

2006 Adcock Site Plant Remains. In *Archaeological Investigations at the Adcock Site Greene County, Illinois*, by Charles Moffat, Mary L. Simon, David J. Nolan, K. Shane Vanderford, and Amy K. Graham, pp. 103-118. Research Reports No 86. Illinois Transportation Archaeological Research Program, University of Illinois, Champaign.

2007 Floral Remains. In *The Archaeology of the East St. Louis Mound Center Part II – The North Side Investigations*, edited by Andrew C. Fortier. Transportation Archaeological Research Reports vol. 22. Illinois Transportation Archaeological Research Program, University of Illinois, Champaign

2009 Plant Remains from the Tree Row (11F53) Site. *Manuscript on File*. Illinois Transportation Archaeological Research Program, Champaign Illinois

2013 Floral Remains. In *The Egan Site: A Massey Phase and White Hall Phase Campsite in Western Illinois*, edited by A. C. Fortier, pp. 215-245. Research Report Number 25. Illinois State Archaeological Survey, Champaign, Illinois.

2013 Ethnobotanical Analysis. In *Archaic Occupations at White Bend: Helton, Falling Springs, and Hemphill Horizons*, edited by R. L. Fishel, pp. 147-160. Research Report Number 29. Illinois

State Archaeological Survey, Champaign Illinois.

2013 Ethnobotany. In *Woodland Occupations at White Bend: Late Middle Woodland, Weaver and the Late Late Woodland of the LaMoine Valley, Hancock County Illinois*, edited by R. L. Fishel, pp.

271-297. Technical Reports Number 137. Illinois State Archaeological Survey, Champaign, Illinois.

2013 Flora. In *Archaeological Investigations at Buffalo Chip: Woodland Habitations on the Frontier of*

*Morgan County, Illinois*, edited by R. L. Fishel and K. E. Emerson, pp. 163-197. Technical Reports

Number 150. Illinois State Archaeological Survey, Champaign, Illinois.

### **Personal References**

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