

## AMBER M. VANDERWARKER

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### EMPLOYMENT HISTORY

July 2009-present

- Associate Professor of Anthropology, University of California, Santa Barbara, Department of Anthropology, Santa Barbara, CA (<http://www.anth.ucsb.edu/people/academic/amber-vanderwarker>)

July 2007-July 2009

- Assistant Professor of Anthropology, University of California, Santa Barbara, Department of Anthropology, Santa Barbara, CA

August 2004-June 2007

- Assistant Professor of Anthropology, Muhlenberg College, Department of Sociology & Anthropology, Allentown, PA

August 2003-July 2004

- Lecturer, The University of North Carolina at Chapel Hill, Department of Anthropology, Chapel Hill, NC

### EDUCATION

Ph.D. in Anthropology, The University of North Carolina at Chapel Hill, 2003.

- *Title of Dissertation:* Agricultural Intensification and the Emergence of Political Complexity in the Formative Sierra de los Tuxtlas, Southern Veracruz, Mexico.
- *Dissertation Director:* Dr. C. Margaret Scarry

B.A. *magna cum laude* in Anthropology, The University of Oklahoma at Norman, 1996.

### RESEARCH & TEACHING INTERESTS

New World Archaeology (Mexico, Southeastern U. S.)  
Middle Range Societies, Political Economy, Gender Studies  
Subsistence Strategies, Zooarchaeology, Paleoethnobotany  
Prehistoric Foodways, Agriculture, Human Ecology  
Environmental Archaeology, Biogeography

## HONORS & AWARDS

**Archaeology Magazine** (September/October 2010) interviewed me in an article titled “More than Man’s Best Friend,” a piece chronicling the ancient use of dogs cross-culturally; I offered expertise on ancient New World dogs.

**Muy Interesante Magazine** (November 2008) featured me in a four-page article titled “Amber VanDerwarker: Arqueóloga estadounidense, estudiosa de la civilización olmeca”.

**Smithsonian Magazine** (October 2007) featured me in a special issue titled “37 under 36: America’s Young Innovators in the Arts and Sciences”.

**Archaeology Magazine** (March/April 2007 issue) quotes me extensively in the lead article, titled “New Look at the Olmec”.

**Bridgebuilder Award** for mentoring students, nominated by students through Academic Support Services, Muhlenberg College, Fall 2005.

**Honigmann Award for Outstanding Dissertation**, Department of Anthropology, University of North Carolina at Chapel Hill, 2003.

**Winner of the Southeastern Archaeological Conference Student Paper Competition** for “Feasting and the Formulation of Food-Use at the Toqua site,” 1997.

**Robert Bell Award for Outstanding Graduating Senior in Archaeology**, The University of Oklahoma, 1996.

**Phi Beta Kappa**, The University of Oklahoma, 1996.

## GRANTS & FELLOWSHIPS

**UCSB Social Science Research Grant**, “Reconsidering the Timing and Location of Bean Domestication in Mesoamerica,” 2013.

**UCSB Academic Senate Faculty Research Grant**, “Making Ancient Plants Visible: Exploring Archaeobotanical Preservation through Experimental Processing and Recovery,” 2013.

**UCSB Social Science Research Grant**, “Feeding Families in Crisis: The Effects of Warfare on the Daily Food Quest,” 2012.

**UCSB Academic Senate Faculty Research Grant**, “Subsistence, Technology, and Settlement in the Santa Barbara Channel Region: A Microbotanical Perspective,” 2012.

**National Science Foundation Research Grant**, “Living with War: The Impacts of Chronic Violence on Everyday Life in the Central Illinois River Valley” (with Gregory D. Wilson, UCSB and Victor Thompson, Ohio State University), with a start date of April 2011 for 3 years of excavation and analysis spanning 2011-2014.

**UCSB Social Science Research Grant**, “Reconstructing Prehistoric Plant Use: Integrating Old Data and New Techniques Social Science Research Grant Program Proposal Narrative,” 2011.

**UCSB Regents Humanities Faculty Fellowship**, “Farming and Gender at the Crossroads: The Consequences of Cherokee and European Culture Contact,” 2011.

**UCSB Academic Senate Faculty Research Grant**, “Food and Conflict: The Effects of Warfare on Daily Subsistence,” 2010.

**UCSB Academic Senate Faculty Research Grant**, “Tribute and Taxation in Early Complex Societies,” 2009.

**UCSB Regents’ Junior Faculty Fellowship (RJFF)**, “Elite Provisioning at Tres Zapotes,” 2008.

**UCSB Faculty Travel Grant**, for presentation at the Southeastern Archaeological Conference, Knoxville, TN, “Bearsfoot and Deer legs: Archaeobotanical and Zooarchaeological Evidence of a Special-Purpose Encampment at the Sandy site, Roanoke, Virginia”, 2007.

**National Science Foundation Research Grant**, “Late Classic Transitions at Teotepec, Southern Veracruz, Mexico” (with Philip J. Arnold, III, Loyola University-Chicago), awarded in May 2006 for two seasons of fieldwork during the summers of 2007-2008.

**The University of North Carolina at Chapel Hill Graduate School Travel Grant** for presenting research at the 66<sup>th</sup> Annual Meeting of the Society for American Archaeology, 2001.

**National Science Foundation Doctoral Dissertation Improvement Grant**, University of North Carolina at Chapel Hill; “Formative Subsistence Economy in the Tuxtla Region of Southern Veracruz, Mexico,” 2000.

**National Science Foundation Graduate Research Fellowship**, University of North Carolina at Chapel Hill, 1997.

## PUBLICATIONS

### Peer-reviewed Journal Articles

- 2013 Maize Adoption and Intensification in the Central Illinois River Valley: An Analysis of Archaeobotanical Data from the Late Woodland through Early Mississippian Periods (AD 400-1200). Accepted for publication in *Southeastern Archaeology*. (Amber VanDerwarker, Gregory Wilson, and Dana Bardolph)
- 2013 Farming and Foraging at the Crossroads: The Consequences of Cherokee and European Interaction through the late Eighteenth century. *American Antiquity* 78(1):68-88. (Amber VanDerwarker, Jon Marcoux, and Kandace Hollenbach)
- 2012 Regional Variation in the Importance and Uses of Maize in the Early and Middle Formative Olmec Heartland: New Archaeobotanical Data from the San Carlos Homestead, Southern Veracruz. *Latin American Antiquity* 23(4):509-532 (Amber VanDerwarker and Robert Kruger).
- 2011 Situating Remote Sensing in Archaeology. *Archaeological Prospection* 18:1-19. (Victor D. Thompson, Thomas Pluckhahn, Philip J. Arnold III, and Amber M. VanDerwarker).
- 2010 Excavations into Cahokia’s Mound 49. *Illinois Archaeology* 22(2)397-436. (with Timothy R. Pauketat, Mark A. Rees, and Kathryn E. Parker)
- 2009 Geophysical Investigations at Teotepec, Mexico (1000 B.C.—1000 A. D.). *Journal of Field Archaeology* 34(4):439-455 (Victor D. Thompson, Philip J. Arnold III, and Amber VanDerwarker).

- 2009 Bearsfoot and Deer Legs: Archaeobotanical and Zooarchaeological Evidence of a Special-Purpose Encampment at the Sandy site, Roanoke, Virginia. *Journal of Ethnobiology* 29(1): 129-148 (Amber VanDerwarker and Bill Stanyard).
- 2009 Farming and Catastrophe at La Joya: A Consideration of Agricultural Intensification and Risk in the Formative Sierra de los Tuxtlas. *Arqueología Iberoamericana* 1:17-40.
- 2008 La Agricultura Tropical en La Sierra de los Tuxtlas durante el Periodo Formativo. *Revista Arqueología* 37 (Amber VanDerwarker and Olaf Jaime-Riveron).
- 2008 Rotten Food and Ritual Behavior: Late Woodland Plant Foodways and Special Purpose Features at Buzzard Rock II, Virginia (44RN2/70). *Southeastern Archaeology* 27(1) (Amber VanDerwarker and Bruce Idol).
- 2005 Field Cultivation and Tree Management in Tropical Agriculture: A View from Gulf Coastal Mexico. *World Archaeology* 37(2):274-288.
- 2002 Swimming Upriver: Changes in Subsistence and Biogeography in the Roanoke River Valley. In *The Archaeology of Native North Carolina: Papers in Honor of H. Trawick Ward*, edited by Jane M. Eastman, Christopher B. Rodning, and Edmond A. Boudreaux III, pp. 59-66. Southeastern Archaeological Conference Special Publication 7. Mobile, AL.
- 2002 Revisiting Coweeta Creek: Reconstructing Ancient Cherokee Lifeways in Southwestern North Carolina. *Southeastern Archaeology* 21(1):1-9. (Christopher B. Rodning and Amber VanDerwarker)
- 2002 Gendered Practice in Cherokee Foodways: A Spatial Analysis of Plant Remains from the Coweeta Creek site. *Southeastern Archaeology* 21(1):21-28. (Amber VanDerwarker and Kandace R. Detwiler)
- 1999 Feasting and Status at the Toqua site. *Southeastern Archaeology* 18(1):24-34.

#### Non Peer-Reviewed Journal Articles

- 2001 An Archaeological Study of Late Woodland Fauna in the Roanoke River Basin. *North Carolina Archaeology* 50:1-46.
- 2000 Plant and Animal Subsistence at the Coweeta Creek Site (31MA34), Macon County, North Carolina. *North Carolina Archaeology* 49:59-77. (Amber VanDerwarker and Kandace R. Detwiler)

#### Books & Monographs

- 2010 *Integrating Zooarchaeology and Paleoethnobotany: A Consideration of Issues, Methods, and Cases*. Springer, New York (Amber VanDerwarker and Tanya Peres, editors).
- 2006 *Farming, Hunting, and Fishing in the Olmec World*. The University of Texas Press, Austin.
- 2001 *An Archaeological Assessment of Pre-Columbian Fauna in the Roanoke River Basin*. Research Report No. 21, Research Laboratories of Archaeology, University of North Carolina, Chapel Hill.

#### Book Chapters

- 2013 Woodland Foodways and the Effects of Corn. In *The Medieval Mississippians*, edited by T. R. Pauketat and S. Alt. School for Advanced Research Press, Santa Fe, NM (In press).
- 2013 Analysis and Interpretation of Intrasite Variability in Paleoethnobotanical Remains: A Consideration and Application of Methods at the Ravensford site, North Carolina. In *Method and Theory in*

- Paleoethnobotany*, edited by J. Maston, University of Colorado Press, Boulder (Amber VanDerwarker, Jennifer Alvarado, and Paul Webb) (In press).
- 2013 The Zooarchaeology of Olmec and epi-Olmec Foodways Along Mexico's Gulf Coast. In *The Archaeology of Mesoamerican Animals*, edited by Kitty Emery and Christopher Goetz, David Brown Book Company (Tanya Peres, Amber VanDerwarker, and Chris Pool).
- 2010 Introduction, In *Integrating Zooarchaeology and Paleoethnobotany: A Consideration of Issues, Methods, and Cases*, ed. by Amber VanDerwarker and Tanya Peres, pp. 1-12. Springer, New York. (Amber VanDerwarker and Tanya Peres).
- 2010 Simple Measures for Integrating Plant and Animal Remains In *Integrating Zooarchaeology and Paleoethnobotany: A Consideration of Issues, Methods, and Cases*, , ed. by Amber VanDerwarker and Tanya Peres, pp. 65-74, Springer, New York.
- 2010 Correspondence Analysis and Principal Components Analysis as Methods for Integrating Archaeological Plant and Animal Remains. In *Integrating Zooarchaeology and Paleoethnobotany: A Consideration of Issues, Methods, and Cases*, , ed. by Amber VanDerwarker and Tanya Peres, pp. 75-95. Springer, New York.
- 2010 The Farmed and the Hunted: Integrating Floral and Faunal Data from Tres Zapotes, Veracruz. In *Integrating Zooarchaeology and Paleoethnobotany: A Consideration of Issues, Methods, and Cases*, , ed. by Amber VanDerwarker and Tanya Peres, pp. 287-308. Springer, New York (Tanya Peres, Amber VanDerwarker, and Christopher Pool).
- 2007 Menus for Families and Feasts: Household and Community Consumption of Plants at Upper Saratown, North Carolina. In *Archaeology of Food and Identity*, edited by K. Twiss, pp. 16-49. The Center of Archaeological Investigations, Southern Illinois University, Carbondale (Amber VanDerwarker, C. Margaret Scarry, and Jane M. Eastman).

#### Book Reviews

- 2011 Review of *Becoming Villagers: Comparing Early Village Societies*, edited by Matthew S. Bandy and Jake R. Fox. *Journal of Anthropological Research* 67(4): 614-615.
- 2007 Review of *Gulf Coast Archaeology: The Southeastern United States and Mexico*, by edited by Nancy White. *Southeastern Archaeology* 26(2):348-349.
- 2007 Review of *The Last Pescadores of Chimalhuacán, Mexico: An Archaeological Ethnography*, by Jeffrey R. Parsons. *Journal of Anthropological Research* 63(4): 583-584.
- 2006 Review of *Colonial Virginia's Cooking Dynasty*, by Katharine Harbury. *Southeastern Archaeology* 25(2): 329-330.

#### Encyclopedia Entries

- 2013 Of Mayan Calendars and Kings: Xultun Finds. In *Encyclopedia Britannica 2012 Book of the Year*, pp. 194-195.
- 2013 Archaeology: Western Hemisphere. In *Encyclopedia Britannica 2012 Book of the Year*, pp. 192-193 (with Gregory Wilson).
- 2012 Archaeology: Western Hemisphere. In *Encyclopedia Britannica 2012 Book of the Year*, p. 203 (with Gregory Wilson).

- 2011 Archaeology: Western Hemisphere. In *Encyclopedia Britannica 2011 Book of the Year*, pp. 202-203 (with Gregory Wilson).
- 2010 Archaeology: Western Hemisphere. In *Encyclopedia Britannica 2010 Book of the Year*, p. 205 (with Gregory Wilson).
- 2006 Native American Foodways. In *Encyclopedia of Appalachia*, edited by R. Abramson and J. Haskell, pp. 944-946. University of Tennessee Press, Knoxville. (with Kandace D. Hollenbach)

## CONFERENCE PRESENTATIONS

- 2013 War, Food and Structural Violence in the Mississippian Central Illinois River Valley. Paper presented at UCSB Anthropology's Food and Warfare Conference. (with Gregory Wilson and Jeremy Wilson)
- 2013 Plant Foodways at Formative and Classic Period Teotihuacan. 78<sup>th</sup> Annual Meeting of the Society for American Archaeology, Honolulu.
- 2013 Farming and Food Insecurity in the Mississippian Central Illinois River Valley: Metric Data on Maize Kernels & Cupules as a Means to Establish the Number and Type(s) of Varieties. 78<sup>th</sup> Annual Meeting of the Society for American Archaeology, Honolulu. (with Allison Gracer and Gregory Wilson)
- 2012 Maize Adoption & Intensification in the Central Illinois River Valley: Archaeobotanical Data from the Terminal Late Woodland through Middle Mississippian Periods. 69<sup>th</sup> Annual Meeting of the Southeastern Archaeological Conference, Baton Rouge, LA. (with Gregory Wilson and Dana Bardolph).
- 2012 Culture Contact, Earth Ovens, and Persistent Foodways: Archaeobotanical Analysis of a Failed Corn Roast from the C. W. Cooper site in the Central Illinois River Valley. 77<sup>th</sup> Annual Meeting of the Society for American Archaeology, Memphis (with Greg Wilson, Kristin Hoppa, and Amy Gusick)
- 2012 Merchants, Missionaries, or Militants? A Critical Evaluation of Cahokian Contact Scenarios in the Central Illinois River Valley. 77<sup>th</sup> Annual Meeting of the Society for American Archaeology, Memphis (with Greg Wilson)
- 2012 Staple Crop or Ritual Beverage: Early and Middle Formative Uses of Maize in the Olmec Heartland. 35<sup>th</sup> Annual Meeting of the Society of Ethnobiology (with Robert Kruger).
- 2012 The Effects of Warfare on the Daily Food Quest: Changes in Fishing Strategies in the Mississippian-period Central Illinois River Valley. 35<sup>th</sup> Annual Meeting of the Society of Ethnobiology (with Hannah Haas and Greg Wilson).
- 2011 Farming and Foraging at the Crossroads: The Consequences of Cherokee and European Culture Contact through the late Eighteenth century. 68<sup>th</sup> Annual Southeastern Archaeological Conference (with Jon Marcoux and Kandace Hollenbach).
- 2011 On Conflict and Contact in the Central Illinois River Valley, 68<sup>th</sup> Annual Southeastern Archaeological Conference (with Gregory Wilson).
- 2011 The Form and Function of Early Mississippian Earth Ovens in the Central Illinois River Valley, 68<sup>th</sup> Annual Southeastern Archaeological Conference (with Greg Wilson, Kristin Hoppa, and Amy Gusick)

- 2011 Analysis and Interpretation of Intrasite Variability in Paleoethnobotanical Remains: A Consideration and Application of Methods at the Ravensford site, North Carolina. 76<sup>th</sup> Annual Meeting of the Society for American Archaeology, Sacramento (with Jennifer Alvarado and Paul Webb).
- 2010 Cultivating the Countryside: Diachronic Trends in Mississippian Plant Foodways in the Central Illinois River Valley. 67<sup>th</sup> Annual Southeastern Archaeological Conference, Lexington, KY (with Dana Bardolph).
- 2010 Shallow Geophysics and the Analysis of Persistent Places. 75<sup>th</sup> Annual Meeting of the Society for American Archaeology, St. Louis (with Philip Arnold, Thomas Pluckhahn, and Victor Thompson).
- 2009 Paleoethnobotany at Tres Zapotes: Spatial and Temporal Patterns in the Production and Consumption of Plant Foods. 74<sup>th</sup> Annual Meeting of the Society for American Archaeology, Atlanta.
- 2008 Subsistence at the Roskamp site: The Paleoethnobotany of a Burned House. 65<sup>th</sup> Annual Southeastern Archaeological Conference, Charlotte, North Carolina (with Sara Gjerde).
- 2008 The Zooarchaeology of Olmec and Epi-Olmec Foodways Along Mexico's Gulf Coast. 73<sup>rd</sup> Annual Meeting of the Society for American Archaeology, Vancouver (with Tanya M. Peres and Christopher A. Pool).
- 2007 Bearsfoot and Deer legs: Archaeobotanical and Zooarchaeological Evidence of a Special-Purpose Encampment at the Sandy site, Roanoke, Virginia. 64<sup>th</sup> Annual Southeastern Archaeological Conference, Knoxville, TN.
- 2007 Intra-site variability of plant remains at Tres Zapotes, southern Veracruz, Mexico. 72<sup>nd</sup> Annual Meeting of the Society for American Archaeology, Austin, Texas (with Christopher A. Pool).
- 2007 Hunting Deer and Mixing Medicine: Zooarchaeological and Archaeobotanical Evidence of a Special-Purpose Encampment at the Sandy site, Roanoke, Virginia. 30<sup>th</sup> Annual Meeting of the Society of Ethnobiology, Berkeley, CA (with Bill Stanyard).
- 2006 Integrating Plant and Animal Data with Correspondence Analysis: a case study from Formative La Joya in southern Veracruz, Mexico. 71<sup>st</sup> Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico.
- 2006 The Farmed and the Hunted: Integrating Floral and Faunal Data from Tres Zapotes, Veracruz. 71<sup>st</sup> Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico (with Tanya Peres and Christopher A. Pool).
- 2005 Rotten Food or Ritual Behavior? Archaeobotanical Analysis of Special Function Features at Buzzard Rock, Virginia. 62<sup>nd</sup> Annual Southeastern Archaeological Conference, Columbia, SC.
- 2005 Socio-economic variability in Late-Terminal Formative Olmec Foodways: a view from Tres Zapotes. 70<sup>th</sup> Annual Meeting of the Society for American Archaeology, Salt Lake City (with Christopher A. Pool).
- 2004 Olmec Farming and Hunting in the Sierra de los Tuxtlas: the plant and animal evidence from La Joya. 69<sup>th</sup> Annual Meeting of the Society for American Archaeology, Montreal, Canada.
- 2004 Menus for Families and Feasts: Household and Community Consumption of Plants at Upper Saratown, North Carolina. 21<sup>st</sup> Annual Visiting Scholar Conference, Center for Archaeological Investigations, Southern Illinois University, Carbondale; 27<sup>th</sup> Annual Society of Ethnobiology Conference, University of

- California, Davis; 61<sup>st</sup> Annual Southeastern Archaeological Conference, St. Louis (with C. Margaret Scarry).
- 2002 The Zooarchaeology of Formative Agriculture in Southern Veracruz, Mexico. 67<sup>th</sup> Annual Meeting of the Society for American Archaeology, Denver, CO.
- 2001 Formative Maize Agriculture in Southern Veracruz, Mexico. 66<sup>th</sup> Annual Meeting of the Society for American Archaeology, New Orleans, LA.
- 2000 Gender and Ceremony in 17th-Century Cherokee Foodways: Integrating faunal and floral data in a spatial analysis of the Coweeta Creek site, North Carolina. 65<sup>th</sup> Annual Meeting of Society for American Archaeology, Philadelphia, PA (with Kandace R. Detwiler).
- 2000 Late Woodland Subsistence in the Roanoke River Valley. 57<sup>th</sup> Annual Southeastern Archaeological Conference, Macon, GA.
- 1999 Gender, Feasting, and the Consumption of Plant Foods at Coweeta Creek. 56<sup>th</sup> Annual Southeastern Archaeological Conference, Pensacola, FL (with Kandace R. Detwiler).
- 1999 Boiling, Baking, and Pottery Breaking: 17<sup>th</sup>-Century Foodways at the Coweeta Creek site. 56<sup>th</sup> Annual Southeastern Archaeological Conference, Pensacola, FL (with Gregory D. Wilson, Christopher B. Rodning, and Kandace R. Detwiler).
- 1998 Qualla phase Cherokee Foodways at the Coweeta Creek site. 55<sup>th</sup> Annual Southeastern Archaeological Conference, Greenville, SC.
- 1997 Feasting and the Formulation of Food-use at the Toqua site. 54<sup>th</sup> Annual Southeastern Archaeological Conference, Baton Rouge, LA.
- 1996 Domestic Dogs in the Diet: An analysis of *Canid* Fauna from the Halliday Site, an Early Mississippian Upland Village in the American Bottom. 53<sup>rd</sup> Annual Southeastern Archaeological Conference, Birmingham, AL.

## COURSES TAUGHT

### University of California, Santa Barbara

- ANTH 3SS: Introduction to Archaeology
- ANTH 133: Cultural Development in Mesoamerica
- ANTH 162: Prehistoric Food Production
- ANTH 164: The Origins of Complex Society
- ANTH 182: Archaeological Data Analysis
- ANTH 186: Lab Course in Paleoethnobotany
- ANTH 186Z: Lab Course in Zooarchaeology
- ANTH 206a: Graduate Seminar in the Archaeology of Gender
- ANTH 206b: Graduate Seminar on Resource Intensification
- ANTH 245A: Graduate Course on Quantitative Methods in Archaeology
- ANTH 250AV: Graduate Seminar in the Archaeology of Middle Range Societies

### Muhlenberg College

- ATH 111: Human Evolution



- ATH 115: Archaeology
- ATH 238: Rise of Civilization
- ATH 260: Kinship and Marriage
- ATH/SOC 312: Research Methodology II (Statistics for Social Sciences)
- ATH 383: Archaeology of Food
- ATH/SOC 386: The State(s) of China: From Oracle Bones to the Hard Rock Cafe

#### **University of North Carolina at Chapel Hill**

- ANTH 010: Introduction to Anthropology
- ANTH 043: Human Evolution and Adaptation
- ANTH 045: World Prehistory

## **FIELDWORK EXPERIENCE**

**Field Co-Director for Teotepac Archaeological Project (PAT).** Testing and Excavation of Formative and Classic Occupations at Teotepac, Southern Veracruz, April-August 2008.

**Field Supervisor for Tres Zapotes Archaeological Project (PATZ),** directed by Dr. Christopher Pool. Testing and Excavation of Formative and Classic Occupations at Tres Zapotes, Southern Veracruz, Mexico, March-June 2003.

**Field Assistant to Dr. Jane Eastman.** Excavation of Historic farmhouse and grounds, Roanoke Island, NC, Summer 2001.

**Field Archaeologist for Wake Forest University Archaeology Labs** (CRM firm based out of Wake Forest University), directed by Kenneth Robinson. Excavation of Archaic and Woodland features, Fayetteville, NC, Dec. 2000-Jan. 2001.

**Field Supervisor for the Moche Origins Project,** directed by Dr. Brian Billman. Directed students in excavation and recovery methods at Ciudad de Dios, northern Peru, June-Aug. 2000.

**Field Archaeologist for Wake Forest University Archaeology Labs** (CRM firm based out of Wake Forest University), directed by Kenneth Robinson. Survey of Rockingham County; Excavation of Archaic and Woodland Features, Fayetteville, NC, May-June 2000.

**Volunteer for the University of North Carolina Field School,** directed by Dr. R. P. Steve Davis and Dr. H. Trawick Ward. Excavation of an Early Historic village site in Hillsborough, NC, Summer 1997.

**Field Archaeologist for the Early Cahokia Project,** directed by Dr. Timothy Pauketat. Excavation of Early Mississippian village site and the Emerald mound site, O'Fallon, IL, Summer 1995, 1996.

**Volunteer for The University of Oklahoma Field School,** directed by Dr. Lee Bement and Kent Buehler. Excavation of a Paleoindian bison kill site in Beckham County, OK, Summer 1995.

**The University of Oklahoma Field School in Colinsville, IL,** directed by Dr. Timothy Pauketat. Excavation of three Mississippian sites, including mound excavations at the Cahokia site, and excavation of a secondary mound site and village site, Summer 1994.

## **LABORATORY EXPERIENCE**

SUPERVISORY

**Supervising/Training Undergraduate Lab Assistants** at UC-Santa Barbara in macro and microbotanical from a variety of archaeological sites in Gulf Coastal Mexico, Peru, California, and the southeastern United States, 2007-present.

**Supervising/Training Undergraduate Lab Assistants** at Muhlenberg College in paleoethnobotanical analysis of flotation samples from a variety of archaeological sites in Gulf Coastal Mexico and the southeastern United States, 2005-2007.

**Project Co-Director for the Living with War Project.** Analysis of Materials from the Excavations at selected sites in the Central Illinois River Valley, September 2011-present.

**Project Co-Director for Teotepac Archaeological Project (PAT).** Analysis of Materials from the testing and Excavation of Formative and Classic Occupations at Teotepac, Southern Veracruz, April 2008-present.

**Project Director for Dissertation Project.** Directing students at the University of North Carolina at Chapel Hill in rough sorting of flotation samples and data entry; conducting analysis of faunal and botanical remains; preparing human skeletal samples for stable isotope analysis, 1999-2002.

**Project Supervisor for Roanoke River Basin Project,** funded by the U.S. Department of Fish and Wildlife. Directing student in rough sort analysis of faunal remains and data entry at the University of North Carolina at Chapel Hill; conducting analysis of faunal remains from seven sites in the Roanoke River basin, NC and VA, 1999-2001. Reported in: (2001) *An Archaeological Assessment of Pre-Columbian Fauna in the Roanoke River Basin*, by Amber VanDerwarker, Research Report No. 21, Research Laboratories of Archaeology, University of North Carolina at Chapel Hill. (see also publications above)

**Lab Director for the Moche Origins Project,** northern Peru. Assisted in creating standards for collecting flotation samples; processed flotation samples; conducted faunal analysis and rough sorts of botanical remains; supervised students in artifact processing, rough sort analysis, data entry, Summer 1999 & 2000.

#### TECHNICAL

**Paleoethnobotanical and Zooarchaeological Analysis** for TCR Garrow Associates, Inc. based in Chapel Hill, North Carolina, of several Late Woodland sites in the Roanoke River Valley, Virginia, June 2003-present. Reports on file.

**Paleoethnobotanical Analysis** of the Cuauhtemóc site, a Formative site in Chiapas, Mexico, Fall 2007.

**Paleoethnobotanical Analysis** for the Tres Zapotes Archaeological Project (PATZ), a Formative/Classic Mound Center, Southern Veracruz, Mexico, March 2003-present.

**Zooarchaeological Analysis** of the Roadway excavations at the Moundville site, a Prehistoric Mississippian mound center in Moundville, AL, Fall 2002. Report on file.

**Paleoethnobotanical Analysis** of a Middle Formative hamlet in southern Veracruz, Mexico (RARO-154), Spring 2000-Fall 2002. Report on file.

**Paleoethnobotanical and Zooarchaeological Analysis** of two Formative villages in the Sierra de los Tuxtlas, southern Veracruz, Mexico (La Joya and Bezuapan), Fall 1998-Summer 2002. Reported in: (2002) *La Flora y Fauna de La Joya*. In *En La Sombra del San Martín: Informe Final del Proyecto Arqueológico La Joya*, by P. J. Arnold III and V. M. McCormack, pp. III. C-1 - III. C-7. Report submitted to the Instituto Nacional de Antropología e Historia, Mexico D.F.

**Paleoethnobotanical Analysis** of a Mississippian village in coastal Georgia (9CH71), Fall 2001-Spring 2002.

**Paleoethnobotanical Analysis** for Archaeological Research Consultants, Inc., of a Woodland site in Carteret County, NC (31CR44), Jan.-Feb. 2000. Report on file.

**Paleoethnobotanical Analysis** for the Office of Archaeological Services (Tuscaloosa, AL), of an Archaic site in Alabama (1TA594), Spring-Fall 2000.

**Paleoethnobotanical Analysis** for the Office of Archaeological Services (Tuscaloosa, AL), of Late Historic house in Alabama (1TA591), Spring-Fall 2000.

**Zooarchaeological Analysis** (preliminary) of an Early Moche Village at Ciudad de Dios, northern Peru, Summer 1999/2000. Reported in: (2000) *Investigaciones Arqueológicas en el Sitio Ciudad de Dios, Un Asentamiento Moche en el Valle Medio de Moche, Temporada de Campo 1998 y 1999*, by Brian R. Billman with contributions by Miguel Fiestas Chunga, Kit Nelson, Carie Small, and Amber VanDerwarker. Submitted to the Instituto Nacional de Cultura, May, 2000.

**Paleoethnobotanical Analysis** of a late Prehistoric Cherokee village in Macon County, NC (31MA34), Spring-Fall 1999. (see publications above)

**Zooarchaeological Re-Analysis** of a late Prehistoric Cherokee village in Macon County, NC (31MA34), Fall 1997-Summer 1998. (see publications above)

**Zooarchaeological Analysis** for Archaeological Research Consultants, Inc., of an Historic farmstead in coastal North Carolina (Harker's Island site), Fall 1996-Spring 1997. Report on file.

**Zooarchaeological Analysis** of an Early Mississippian village in O'Fallon, IL (Halliday site), Fall 1995-Spring 1996 Report on file.

**Zooarchaeological Analysis** of a Bison kill site in Beckham County, OK (Certain site), Fall 1995-Spring 1996.

**Zooarchaeological Analysis** of three Mississippian sites in/around Colinsville, IL (Cahokia site, Horseshoe Lake, and Morrison sites), Fall 1994-Spring 1995, Reported in: (1996) Animal Remains. In *Early Cahokian project 1994 Excavations at Mound 49, Cahokia (11-S-34-2)*, edited by T. A. Pauketat and M. A. Rees, pp. 29-31. Early Cahokia Project Papers 2, Illinois Historic Preservation Agency.

## LANGUAGE SKILLS

English: native fluency

Spanish: spoken, reading, writing, fluent

French: intermediate reading and writing skills

## PROFESSIONAL MEMBERSHIPS

Society for American Archaeology

Southeastern Archaeological Conference

Society of Ethnobiology