

Curriculum Vitae
Karla Hansen-Speer
September 2007

EDUCATION

- Ph.D. Anthropology, Washington University in St. Louis, May 19, 2006
Title: *Subsistence and Economy of a Classic Hohokam Site in Southern Arizona: A Paleoethnobotanical Analysis of the Marana Mound Site.*
- A.M. Anthropology, Washington University, St. Louis, May 14, 1999
Title: *A Paleoethnobotanical Analysis of Cañada de Cochiti, New Mexico*
- B.S. Molecular and Cellular Biology University of Arizona, Summa Cum Laude, May 1997
- B.A. Anthropology University of Arizona, Summa Cum Laude, May 1997

INTERESTS

Interests include paleoethnobotany, dendrochronology, American Southwest, Hohokam, anthropogenic ecology, risk management in subsistence and economy, middle range societies.

FIELDWORK and LABWORK EXPERIENCE

- Visiting Scientist, Indiana State University, 2006-2008
Analysis of paleoethnobotanical material from the Bluegrass site for Indiana State University, September 2006
- Analysis of paleoethnobotanical material from the Morocco site for SWCA, July 2006
- Analysis of paleoethnobotanical material from Marana Mound site, Arizona, 2004-5
- Assistant for the University of Arizona Archaeological Field School at Marana, Paul and Suzanne Fish, directors (Spring 2003)
- Research Assistant for Dr. P.J. Watson, Washington Univ in St Louis (Fall 2001)
- Paleoethnobotanical analysis of flotation samples from the Cibola Archaeological Research Project (5/01-8/01)
- Lab Technician, Central Mississippi Valley Archaeological Research Institute (Dr. John Kelley) (6/01-8/01)
- Field Technician, Jackson Sewer Line Extension Survey (P.I. Dave Browman) (4/01)
- Research Technician, University of Tennessee Transportation Center Archaeology, Townsend project (9/99 -7/00)
- University of New Mexico Archaeological Field School Paleoethnobotanist (Summer 1998, Dr. W. Wills)
- Forest Service Volunteer, Bent Creek, NC. (5/98)
- Analysis of paleoethnobotanical samples from the Cahokia Mounds site, Illinois; Washington University (8/97-12/97)
- Student Research Assistant- Laboratory of Tree Ring Research, University of Arizona (5/95-8/97)
- University of Arizona Archaeological Field School, Silver Creek Archaeological Research Project (summer 1997, Dr. Barbara Mills)
- North American Dendroecological Field Week (8/96)

TEACHING

- Adjunct Professor, Anthro 399, *Archaeology and Prehistory* (Spring 2007) Rose Hulman Institute of Technology, Terre Haute, Indiana
- Instructor, Anthro 100, *Introduction to Anthropology* (Spring 2006) Indiana State University
- Instructor, Anthro 430/530, *Current Issues in Archaeology: Paleoethnobotany* (Fall 2005) Indiana State University
- Instructor, Anthro 202, *Multiple Lifeways* (Fall 2004) Indiana State University

Instructor, Anthro 190b, *Introductory Archaeology* (Summer 2002 and 2003) Washington University, St. Louis
Teaching Assistant, Anthro 4880, *Anthropology and Public Health*, Dr. Brad Stoner (Fall 2003) Washington University, St. Louis.
Teaching Assistant, Anthro 215B, *Language, Culture, Society*, Dr. Patrick Eisenlohr (Spring 2002). Washington University, St. Louis
KUMON tutor (afterschool academic enrichment program for preschool-junior high children) (5/01-8/02)
Teaching Assistant, Anthro 314 *Prehistory of North America*, Dr. Dave Browman (Spring 2001). Washington University, St. Louis
Teaching Assistant Anthro 190 *Introduction to Archaeology*, Dr. Fiona Marshall, (Fall 2000). Washington University, St. Louis
Teaching Assistant. Anthro 4211 *Paleoethnobotany and Ethnobotany*, Dr. G. Fritz. (Spring 1999). Washington University, St. Louis. (Included teaching a lab and analysis of paleoethnobotanical samples from Oliver site, Mississippi)
Teaching Assistant. Anthro 310C *Ancient Civilizations of the New World*, Dr. D. Browman. (Fall 1998). Washington University, St. Louis.

GRANTS

Writing Grant from Washington University in St Louis (Summer 2004)
Travel Grant from Washington University in St Louis (Spring 2004)
NSF Dissertation Improvement Grant (awarded Aug 2003)
Travel Grant from Washington University (1/02)
Travel Grant from Washington University (3/98)
Washington University Summer Grant (summer 1998) to collect plants in Tucson and find a dissertation project.

AWARDS/SERVICE

Dissertation Fellowship, Washington Univ in St Louis (Fall 2003-Spring 2004)
Ethnobiology Journal Club (Fall 2002-2003)
Graduate Council, Graduate Student Representative for the Anthropology Dept at Washington University, St. Louis (Fall 2002)
Treasurer, Friday Archaeology, Washington Univ in St Louis (Spring 2002)
Tuition Scholarship Award, Washington University, St. Louis, (1997-1999, 2000-2002)
University Fellowship Award, Washington University, St. Louis, (1997-8)
Summa Cum Laude B.A. and B.S., University of Arizona (1997)
Undergraduate Biology Research Program (UBRP), University of Arizona (5/95-8/97)
National Merit Scholar (1993-1997)
Baird Scholar, University of Arizona (1993-1997)

CONFERENCE POSTERS and PAPERS

- 2007 Hansen-Speer, K.M. and C.R. Stafford. *Late Middle Archaic Plant Use at the Bluegrass Site, IN*. Presented at the 72nd Annual meeting of the Society for American Archaeology, Austin, TX, April 25-29.
- 2005 Hansen-Speer, K.M. *Movement of Staple Goods: a study from a Hohokam site in Arizona*. Presented at the 70th Annual meeting of the Society for American Archaeology, Salt Lake City, Utah, March 31-April 3.
- 2005 Hansen-Speer, K.M. and R.E. Howell. Co-organizers and chairs of the symposium, *Interpreting Social Power and Economy through Paleoethnobotanical Remains*. 70th Annual meeting of the Society for American Archaeology, Salt Lake City, Utah, March 31-April 3.
- 2004 Speer, J. and K.M. Hansen-Speer. *Expanded Applications for Dendrochronology in Archaeology: an Ecological Interface*. Presented at the Archaeological Sciences of the Americas Symposium, Tucson, AZ September 22-25, 2004.

- 2004 Hansen-Speer, K.M. *Paleoethnobotanical Evidence from the Marana Mound Site*. Presented at the 69th Annual meeting of the Society for American Archaeology, Montreal, Canada. Marana Mound site invited symposium.
- 2002 Hansen-Speer, K.M. *A Paleoethnobotanical Study of the Cibola Archaeological Research Project*. Poster presented at 67th Annual meetings of the Society for American Archaeology, Denver, CO.
- 1999 Hansen, K.M. *Paleoethnobotanical Analysis of Cañada de Cochiti, a Historic Spanish Site in New Mexico*. Presented at the Society of Ethnobiology Conference (March 10-12, 1999), Oaxaca, Mexico.
- 1997 Hansen, K.M., Touchan, R., and Hughes, M.K. *Tree Rings and Climate: A Dendrochronological Study of Quercus kelloggii Shaver Lake, CA*. Laboratory of Tree Ring Research, University of Arizona. Presented at the Undergraduate Biology Research Forum (1/97 University of Arizona) and the Honors Spirit of Inquiry Symposium (4/97 University of Arizona).

PAPERS

- 2007 Speer, J. H., K. M. Hansen-Speer. Ecological Applications of Dendrochronology in Archaeology. *Journal of Ethnobiology* 27(1): 88-109.
- Accepted Hansen-Speer, K.M. Analysis of plant remains from the Marana Mound Site. In *Power and Economy at the Marana Mound Site*, ed. by Bayman, Fish, and Fish. Arizona State Museum Archaeological Series, Tucson.
- In prep Hansen-Speer, K.M. The Use of Small-Seeded Grasses by the Hohokam. Will be submitted to *Kiva*.
- 1999 Hansen, K.M. *A Paleoethnobotanical Analysis of Cañada de Cochiti, New Mexico*. Master's Paper. Department of Anthropology. Washington University, St. Louis.
- 1998 Browman, D. (P.I.) and Hansen, K.M. *Proposed AT&T Cellular Communications Tower, Washington University Tyson Research Park, St. Louis County*. Preliminary Cultural Resources Survey. On file at the Department of Anthropology, Washington University, St. Louis, MO 63130.

MEMBERSHIP IN SOCIETIES

- Society for American Archaeology (member since 1998)
- Society of Ethnobiology (member since 1998)
- Archaeological Conservancy (member since 1997)
- Desert Archaeology (member since 1998)
- Register of Professional Archaeologists (member since 2006)

PERSONAL INFORMATION

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