

Katherine E. Weisensee

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Education

University of Tennessee, Knoxville, TN

Ph.D., Biological Anthropology, May 2008

Dissertation: *Plasticity and Population Structure: Exploring secular trends in the three-dimensional cranial morphology of the modern Portuguese.*

Director: Dr. Richard Jantz

M.A., Anthropology, 2001

Thesis: *Pecos Revisited: A Modern Analysis of Earnest Hooton's, The Indians of Pecos Pueblo.*

Brandeis University, Waltham, MA

B.A., *cum laude* with high honors in Anthropology, 1999

Senior Honors Thesis: *NAGPRA and a Decade of Reburial: Implications for the Future of Anthropology.*

Academic Positions

Clemson University, Clemson, SC

Department of Sociology and Anthropology, Assistant Professor, 2008-present

Research Interests

Population genetics, bioarchaeology, geometric morphometrics, quantitative methods, paleodemography, forensic anthropology

Fellowships and Awards

- 2007 Chancellor's Award for Extraordinary Professional Promise, University of Tennessee.
- 2006 Kneberg-Lewis Scholarship, Department of Anthropology, University of Tennessee.
- 2006 The William M. Bass Endowment Scholarship in Forensic Anthropology.
- 2006 W.K. McClure Fund for the Study of World Affairs Grant, Lisbon, Portugal.
- 2006-07 Graduate Teaching Associate, University of Tennessee, Knoxville, TN.

- 2002-03 U.S. Fulbright Graduate Fellowship, Bratislava, Slovak Republic, 2002-03.
Project Title: *A Genetic Comparison of Central European Hutterite Isolates with North American Anabaptist Populations.*
- 2003 The Dermatoglyphics Student Prize, awarded at the 72nd Annual Meeting of the American Association of Physical Anthropologists, Tempe, Arizona.
- 2003-05 Graduate Teaching Assistantship, Anatomy Teaching Assistant, University of Tennessee.
- 2000-02 Graduate Research Assistantship, Forensic Anthropology Center, University of Tennessee.
- 2002 The William M. Bass Endowment Scholarship in Forensic Anthropology.

Publications

Peer-Reviewed Journals

- KE Weisensee. Postmarital Residence Patterns at Pecos Pueblo. To be submitted to *American Journal of Physical Anthropology* 10/08, in preparation.
- Rois, L., KE Weisensee, C Rissech (in press). Sacral fusion as an aid in age estimation. *Forensic Science International*.
- KE Weisensee and D Sivakova (2003). A Comparison of Slovakian Haban Populations using Finger-Ridge Count Data. *Studies of Tribes and Tribals*, 1, 73-76.

Book Chapters

- KE Weisensee (2008). "Reassessing Sex in the Pecos Pueblo Population: New Analyses of Hooton's Data". In: Stodder, A, editor. *Reanalysis and Reinterpretation in Southwestern Bioarchaeology*. Arizona State University Press.
- KE Weisensee and RL Jantz (2008). "Rethinking Hooton: a re-examination of the Pecos cranial and postcranial data using modern methods". In: Morgan, M, editor. *Papers of the Peabody Museum of Archaeology and Ethnology, Harvard University, vol. 84*. Cambridge, MA, Peabody Museum Press.

Published Abstracts

- Weisensee, KE, RL Jantz (2008). A comparison of craniofacial secular trends during the 19th and 20th centuries in the U.S. and Portugal. *American Journal of Physical Anthropology* : 135, S46: 58.
- Algee-Hewitt BFB, KE Weisensee, GR Milner (2008). Age is subjective: a non-traditional method of age estimation for the adult skeleton. *American Journal of Physical Anthropology* : 135,S46: 220.
- Weisensee KE (2007). Secular trends in the cranial morphology of the Portuguese population from 1805-1960 assessed using three-dimensional morphometric data. *American Journal of Physical Anthropology* : 246-247 Suppl. 44.
- Rios L., KE Weisensee, C Rissech (2007). Sacral fusion as an adult age indicator. *American Journal of Physical Anthropology* : 230-231 Suppl. 44.

Weisensee KE (2005). Reassessing sex in the Pecos Pueblo skeletal sample. *American Journal of Physical Anthropology* : 220-220 Suppl. 40.

Weisensee KE (2004). A Modern Revision of E. Hooton's Study on the Indians of Pecos Pueblo. *American Journal of Physical Anthropology* : 240-240 Suppl. 38.

Spradley MK, Weisensee KE, Jantz RL (2003). Regional variation in late 19th and early 20th century anatomical collections. *American Journal of Physical Anthropology* : 198-198 Suppl. 36.

Weisensee K, Jantz RL, Ousley S, Sivakova, D (2003). Relationships of Slovak Roma populations assessed from finger ridge counts. *American Journal of Physical Anthropology*: 222-222 Suppl. 36. Recipient of the Dermatoglyphics Student Prize.

Technical Reports

L Meadows Jantz, RL Jantz, NP Herrmann, CS Sparks, KE Weisensee, and DV Kopp (2001). "Nuestra Senora del Refugio (41RF1), Refugio County, Texas Vol. II Osteological Analyses". Texas Department of Transportation Environmental Affairs Division, Archeological Studies Program, Report No. 39 and Center for Archeological Research, The University of Texas at San Antonio, Archeological Survey Report No. 315.

Paper and Poster Presentations

2007 Paper presented at the Annual Meeting of the American Association of Physical Anthropologists, Philadelphia, PA. "Secular trends in the cranial morphology of the Portuguese population from 1805-1950 assessed using three-dimensional morphometric data." KE Weisensee.

2007 Poster presented at the Annual Meeting of the American Association of Physical Anthropologists, Philadelphia, PA "Sacral fusion as an adult age indicator." L Rios, KE Weisensee, C Rissech.

2005 Invited Speaker. Paper presented at Greenville Technical College Departmental Symposium, Greenville, SC. "Bugs, Bodies, and Bones: Research in Forensic Anthropology."

2005 Poster presented at the Annual Meeting of the American Association of Physical Anthropologists, Milwaukee, Wisconsin. "Reassessing sex in the Pecos Pueblo skeletal sample." KE Weisensee

2004 Poster presented at the Annual Meeting of the American Association of Physical Anthropologists, Buffalo, New York. "A Modern Revision of E. Hooton's Study on the Indians of Pecos Pueblo". KE Weisensee

2003 Paper presented at the European Anthropological Congress, Prague, Czech Republic. "A Comparison of Slovak and North American Anabaptist Populations". KE Weisensee, D Sivakova

- 2003 Poster presented at the Annual Meeting of the American Association of Physical Anthropologists, Tempe, Arizona. "Finger ridge-counts in Slovakian Roma populations". KE Weisensee, RL Jantz, S Ousley, D Sivakova.
- 2003 Paper presented at the Annual Meeting of the American Association of Physical Anthropologists, Tempe, Arizona. "Regional Variation in 19th and 20th Century Anatomical Collections". MK Spradley, KE Weisensee, RL Jantz.
- 2003 Paper presented at the U.S. Fulbright Mid-year conference, Stupova, Slovak Republic. "A Comparison of Hutterite Populations".
- 2002 Invited Speaker. Paper presented at a meeting of the Slovak Anthropological Society, Bratislava, Slovak Republic. "Bioarchaeology to Forensics: Biological Anthropology Research at the University of Tennessee".

Teaching Experience

Clemson University, Clemson, SC
Department of Sociology and Anthropology
Assistant Professor

ANTH 201 *Introduction to Anthropology* (2008)
ANTH 351 *Physical Anthropology* (2008)
ANTH 353 *Forensic Anthropology* (2009)

University of Tennessee, Knoxville, TN
Department of Anthropology
Teaching Associate:

ANTH 110 *Human Origins* (2006, 2007)
Taught lecture course to 30 undergraduate anthropology and non-anthropology majors.

Teaching Assistant:

ANTH 695 *Gross Human Anatomy* (2004, 2006)
Directed 5-6 anthropology graduate students in full-body dissections of cadavers, prepared lab exams, prepared lecture on reproductive system.

EEB 240 *Human Anatomy* (2003, 2004, 2005)
Taught two lab sections to 25 undergraduate nursing majors, prepared dissections of cadavers and gave introductory lab lectures.

ANTH 480 *Human Osteology* (2000, 2001, 2002, 2003)
Taught weekly lab sections on fragmentary human osteology for 25-30 advanced undergraduate anthropology majors.

ANTH 485 *Oral Biology* (2001, 2002)
Taught weekly lab sections to 25-30 advanced undergraduate anthropology and pre-dental majors on tooth morphology and identification.

ANTH 400 *Introduction to Forensic Anthropology* (2002)

Assisted in lecture course and prepared test and lab materials for advanced undergraduate anthropology majors.

Greenville Technical College, Greenville, SC

Department of Biology

Instructor:

BIO 210 *Anatomy and Physiology* (2005)

Taught lecture and lab courses for 50 undergraduate nursing majors.

AHS 120 *Medical Terminology* (2005)

Taught lecture course for 30 undergraduate students.

BIO 101 *General Biology* (2005)

Taught three weekly lab sections for 25 undergraduate students.

University of Tennessee, Knoxville, TN

Instructor the Field Recovery Course, 2007

Directed law enforcement officers in scattered human remains recovery and buried human remains recovery exercises.

University of Tennessee, Knoxville, TN

Continuing Education Program, 2001-02

Instructor, *Forensic Anthropology*

Co-taught weekly course in adult education course for 25-30 adult students.

Federal Bureau of Investigation/Forensic Anthropology Center, Knoxville, TN

Instructor, 2001, *Human Remains Recovery School*

Instructed federal and state agents on location, excavation, and recovery of buried human remains. This week long course is taught through the Forensic Anthropology Center at The University of Tennessee

Field and Laboratory Experience

- 2007 *Graduate Research Assistant*. Participating in joint research project between the FBI and Forensic Anthropology Center examining the effectiveness of 3d laser scanned images for composing facial reconstructions.
- 2007 Participant in Paleodemography Summer School, University of Southern Denmark, Odense, Denmark August 6-17.
- 2007 Digitized crania of unidentified border crossers from the Medical Examiners Office. Tucson, Arizona August 27-31.
- 2006 Invited participant in Morphofest 2006: Quantitative Morphology and Data Analysis in Three Dimensions. Vienna, Austria July 11-18.
- 2006 Digitized crania from the New Lisbon Skeletal Collection, Bocage Museum, Lisbon, Portugal, May-August 2006.

- 2005 Digitized crania from the Morton Collection, University of Pennsylvania, October 2005.
- 2003 Digitized crania from modern Czech collection, Charles University, Prague, Czech Republic, May 2003.
- 2003 Skeletal analysis of American Civil War soldiers recovered from the Hunley submarine under direction of Dr. Douglas Owsley, Charleston, SC.
- 2002 Skeletal analysis of prehistoric Fremont samples under the direction of Dr. Douglas Owsley, Smithsonian Institution, University of Utah.
- 2000-02 *Graduate Research Assistant*. Forensic Anthropology Center, University of Tennessee under the direction of Dr. Richard Jantz. Participated in field recovery cases and co-authored forensic anthropology case reports. Served as teaching assistant for Human Osteology, Oral Biology, and Forensic Anthropology classes. Processed and inventoried human remains to prepare them for accession into the donated skeletal collection.
- 2000-01 *Graduate Research Assistant*. University of Tennessee Osteology Laboratory. Assisted in the inventory, analysis, and description of the Mission Nuestra Senora del Refugio (41RF1) skeletal collection from Refugio, Texas. Assisted in producing dental molds and casts of dental remains for analyzing dental microwear using scanning electron microscope (SEM).
- 2000 Archaeological field school: Ramsey House, Knoxville, TN.
- 1998-99 *Osteologist*. Peabody Museum of Archaeology and Ethnography, Repatriation Department, Harvard University, Cambridge, Massachusetts. Inventoried and analyzed more than 1500 human skeletal remains from Mid-Atlantic and Southeastern United States.

Proposed Courses

Introduction to Biological Anthropology
 Human Anatomy
 Oral Biology
 Human Osteology
 Skeletal Biology

Quantitative Methods in Anthropology
 Human Variation
 Forensic Anthropology
 Bioarchaeology

References

Dr. Richard L. Jantz
 email: rjantz@utk.edu

Dr. Lyle W. Konigsberg
 email: lylek@utk.edu

Dr. Lee Meadows Jantz
 email: ljantz@utk.edu

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