

SCHEDULE OF EVENTS

overview

>>> Friday <<<

Reception

Illinois State Museum Lobby
6:30-8:30 PM

>>> Saturday <<<

Registration/Coffee

Illinois State Museum
Lower Level Classroom 8:30-9:00 AM

Podium Presentations

Illinois State Museum Auditorium
9:00 AM-3:00 PM

Poster Presentations

Illinois State Museum
Lower Level Classroom
Set-up at 11:30 AM
Presenters at 3:00-4:00 PM

Museum of Funeral Customs Tour

Meet at Museum of Funeral Customs
4:15 PM

>>> Sunday <<<

Registration/Coffee

Illinois State Museum
Lower Level Classroom
8:30-9:00 AM

Podium Presentations

Illinois State Museum Auditorium
9:00-10:30 AM

Workshop

Illinois State Museum
Lower Level Classroom
10:30 AM- Noon

>>> **Friday Evening** <<<

November 3

Reception/Registration

6:30-8:30 PM

Illinois State Museum Lobby
Light buffet and limited cash bar
Sponsored by ITARP-UIUC

>>> **Saturday** <<<
November 4

Registration/Coffee
8:30-9:00 AM

Presentations
9:00 AM-4:00 PM

9:00 Opening Remarks

FORENSIC PAPERS

- 9:10 **Davis, Matthew and Stephen Nawrocki** Accidental Death vs. Homicide: The Role of Forensic Anthropology and Criminalistics in a Crime Scene Reconstruction
- 9:30 **Davis, Matthew and Stephen Nawrocki** Crime Scene Archaeology and Crime Scene Reconstruction: The Larry Bright Serial Homicides
- 9:50 **Nawrocki, Stephen** Should We Be Teaching Law Enforcement to Do Forensic Exhumations?

10:10 BREAK

OSTEOLOGY PAPERS

- 10:20 **Cowles, Wendy and James Watson** Periodontal Disease in Prehistoric Women
- 10:40 **Lockhart, Rachel and Christopher W. Schmidt** Decapitation and Mutilation of a Late-Middle Archaic Child from Southern Indiana
- 11:00 **Uhl, Natalie M., Joseph T. Hefner, and John J. Schultz** Geometric Morphometrics of the Scapula: An Assessment of Ancestry

11:20-1:00 LUNCH BREAK

Poster set-up

BIOARCHAEOLOGY

- 1:00 **Cobb, Dawn** Meyer Mounds: Excavation, Education and Preservation
- 1:20 **De Lucia, Kristin** Subsistence and Culture Change in the Epi-Paleolithic of North Africa
- 1:40 **Devitt, Lauren A., Colleen F. Milligan, and Norman C. Sullivan** Puzzling Questions are Not Beyond Conjecture: Using Archival and Biological Data to Link Names to Burials in an Early Twentieth Century Pauper Cemetery
- 2:00 BREAK
- 2:20 **Hargrave, Eve A. and Kristin M. Hedman** An Early Archaic Burial from the Kaskaskia Mine Site, Rondoph County, Illinois.
- 2:40 **Kolatorowicz, Adam** Dr. Body Snatcher and Mr. Ghoul: A History of Human Anatomical Specimen Acquisition

Poster Session

3:00-4:00 PM

- [1] **Grauer, Anne L., Claire Stigler, and Sarah Tincher** Frequency and Patterns of Trauma in the Medieval Cemetery of St. Helen-on-the-Walls, York, England
- [2] **Hedman, Kristin M.** Regional Variation of Strontium isotope ratios in the Midwest: Its Applicability to Studies of Human Migration in Late Prehistory.
- [3] **Kiley, Harah, Nicolette Parr, and Stephen Nawrocki** Extensive Rat Modification of a Human Skeleton from Central Indiana
- [4] **Kolatorowicz, Adam** Selection of Variables for Discriminant Analysis of Human Crania for Determining Ancestry
- [5] **Phillips, Shawn M.** Transitions in Oral Health and Economics in Rural Kentucky, 1760-1960
- [6] **Prowse, Tracy** Bioarchaeological Investigation of a Rural Roman Cemetery at Vagnari, South Italy
- [7] **Ringgenberg, Wendy** Archaeology as Public Health
- [8] **White, Benjamin, Tara Cepon, Andrew Ozga, Norman Sullivan, Lauren Devitt, Colleen Milligan** Demographic Features of a Late Nineteenth and Early Twentieth Century Almshouse Cemetery

Funeral Customs Museum Tour

Meet at Funeral Customs Museum at 4:15 PM

>>> **Sunday** <<<

November 5

Registration/Coffee

8:30-9:00 AM

Presentations

9:00-10:30 AM

TECHNICAL PAPERS

- 9:00 **Howard, Sheridan** Estimating Time Since Death from Human Skeletal Remains by Radioisotope and Trace Element Analysis
- 9:20 **Schiel, Molly and Tom Gore** Excavating a cistern: A Case Study in the Use of Heavy Equipment
- 9:40 **Zolnierz, Melissa, Claire stigler, and Christopher W. Schmidt** Bacteria from Late Woodland Calculus
- 10:00 Closing Remarks

Workshop

10:30 AM-Noon

Joe Hefner
University of Tennessee, Knoxville
FORDISC 3.0 demonstration

FORDISC 3.0 Personal Computer Forensic Discriminant Functions, developed and updated by Steve Ousley and Richard Jantz, University of Tennessee, Kentucky (2005). FORDISC 3.0 is an interactive

computer program for classifying adults by gender and ethnic affinity using any combination of standard measurements. This upgraded version of FORDISC 2.0 offers larger numbers of variables, larger number of comparative ethnic groups (including Howell's worldwide cranial data), improved pictorial guides to measurements, and improved file management and printer control. This software runs under Windows. Contact Kate Spradley (mspradle@utk.edu) for upgrade/ordering information. On-line orders – <https://web.dii.utk.edu/fordisc/>

Jodi Blumenfeld
Department of Anthropology
University of Illinois

3-D Imaging

Dawn Cobb
Illinois State Museum/Illinois Historic Preservation Agency
“ADBOU” – Transition Analysis: A New Method for Estimating Skeletal Age

Transition analysis (ADBOU) was developed by Jesper Boldsen and George Milner in 1997 and 1998. This method of age estimation is applicable to small samples and individual skeletons. Osteologists score specific bony traits of the cranial sutures, the pubic symphyses, and the iliac portion of the sacroiliac joint. The results of the skeletal observations are entered into a computer program that calculates a 5% to 95% confidence interval and creates a bell curve for each of the three variables. Transition analysis allows osteologists to make inferences about the timing of transitions from one life stage to the next.

This program is available on-line www.sdu.dk/tvf/Demcenter/transitionanalysis.html

“Show-n-Tell”

Join us for the annual BARFAA show-n-tell of interesting or puzzling cases. Current research is strongly encouraged.