

2005
MIDWEST BIOARCHAEOLOGY
AND FORENSIC ANTHROPOLOGY ASSOCIATION



Indiana State University
Terre Haute, Indiana

Morning Sessions

- 8:30 Morning Reception
Onsite Registration
Poster set-up
Podium presentation set-up
- 9:20 Welcome & Opening Remarks
Shawn M. Phillips, Coordinator & Moderator
Indiana State University

Forensic Anthropology Podium Session

- 9:30 Recent Osteology Casework in Indiana
Stephen Nawrocki, University of Indianapolis
- 9:50 Determination of Sex from the Proximal Tibia:
A Preliminary Study
Willa R. Trask and Peer H. Moore-Jansen, Wichita State University
- 10:10 Radii, Subtenses, and Fractions . . . Oh My! Standard and Non-standard Measurements in
Cranioetrics
Adam Kolatorowicz, University of Indianapolis
- 10:30 Estimating Age from Cranial Suture Closure using Laser Instrumentation
Peer H. Moore-Jansen and Jason Kirk, Wichita State University
- 10:50 Comparison of Rodent Gnawing of Skeletal Remains from Indoor vs. Outdoor Contexts
Natalie Fleming, Molly Schiel, & Stephen Nawrocki University of Indianapolis
- 11:10 Forensic Science at IUPUI: Indiana's first Forensic Science Degree Program
Jay Siegel, Indiana University/Purdue University at Indianapolis

Bioarchaeology & Forensic Anthropology Poster Session

11:30 to 12:00

1. A Taphonomic Analysis of Burned Remains From the Fox Hollow Serial Homicide Site. Amanda Baker Bontrager & Stephen Nawrocki, University of Indianapolis
2. A Test of Meindl & Lovejoy's Method of Estimating Adult Age at Death from Cranial Suture Closure. Stephen P. Nawrocki & Carlos J. Zambrano, University of Indianapolis
3. The Frequency and Patterns of Enamel Hypoplasia in a British Medieval Skeletal Population. Amanda Hitterman and Anne Grauer, Loyola University
4. Degenerative Joint Disease in Medieval Populations from Britain: An Exploration into the Effects of Sex and Gender. Claire Stigler and Anne Grauer, Loyola University
5. Performance of FORDISC 2.0 Using Inaccurate Measurements. Carlos J. Zambrano, Adam Kolatorowicz, & Stephen P. Nawrocki, University of Indianapolis.
6. Evaluation of Regression Equations to Estimate Age at Death Using Cranial Suture Closure. Carlos J. Zambrano, University of Indianapolis
7. The Effect of Preservation on the Identification of Sex and the Estimation of Age-at-Death in Human Skeletal Remains. Lauren Devitt, Ryan Patalita, & Norman Sullivan, Marquette University and Colleen Milligan, Michigan State University
8. Oral Health in an Asylum Skeletal Sample: Diet and Oral Hygiene. Shawn Phillips, Indiana State University

Lunch 12 to 1:00pm

Afternoon Session

Bioarchaeology Podium Session

- 1:00 The Kleine Feldhofer Grotte Neandertals: evidence of compromised health and traumatic injury. Maria O. Smith¹, Ralf W. Schmitz², Fred H. Smith¹. ¹Loyola University, ²Rheinisches Landes Museum, Bonn, and Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters, Universität Tübingen, Germany
- 1:20 A Comparative Study of the Mental Eminence of Late Archaic and Mississippian Populations Corrine Michel, University of Indianapolis
- 1:40 Burial Protocol – Expecting the Unexpected
Eve Hargrave, Kristin Hedman, Illinois Transportation Archaeological Research Program, and Dawn Cobb, Illinois Historic Preservation Agency/Illinois State Museum
- 2:00 Pathology and trophy taking? at a large Riverton site in southeastern Indiana. Diannah Bowman, Rachel Lockhart, Christopher Schmidt, University of Indianapolis
- 2:20 Determining Familial Relationships Using Historic DNA from Urban and Rural Historic Burials in Indiana, Michelle Sivilich*, Shawn Phillips*, Mary Ritke ^, Stephen Nawrocki^, and Elaina Tuttle*. *Indiana State University, ^University of Indianapolis

- 2:40 Using stable isotopic analysis to make determinations of group membership in a colonial cemetery in Antigua, West Indies. Tamara Varney, Lakehead University
- 3:00 Mitochondrial DNA analysis of two early Late Woodland cemeteries in east central Indiana. Nicole Schneider and Carolyn Vann, Ball State University
- 3:20 Not So Final Resting Place: The Rose Hill Cemetery Investigation, Robin M. Lillie and Matt Donovan, University of Iowa
- 3:40 Bioarchaeology of an American Family, 1760 to the 21st century. Shawn Phillips, Indiana State University
- 4:00 Closing Remarks
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