

DANIEL L. OSBORNE

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Department of Anthropology

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PROFESSIONAL POSITIONS:

Assistant Professor, 2007-Present

Department of Anthropology, University of Nebraska, Lincoln, NE

Visiting Lecturer, 2006-2007

Department of Anthropology, University of North Carolina at Greensboro, Greensboro,
North Carolina

RESEARCH INTERESTS:

Growth & Development, Skeletal Biology, Nutrition, Medical Anthropology, Evolutionary
Medicine, Quantitative Methods, Forensic Anthropology

EDUCATION:

Ph.D. Anthropology, Indiana University, Bloomington, 2007

Minors: Medical Anthropology, Statistics

Dissertation title: Developmental Plasticity in Structural Geometry at the
Proximal Femur in Adolescent Females Living in the

U.S.

M.A. Anthropology, Western Michigan University, Kalamazoo, 2000

Thesis title: Reconsidering the Auricular Surface as an Indicator of Age at Death

B.A. Anthropology, University of Florida, Gainesville, 1998

PEER REVIEWED PUBLICATIONS:

In preparation Osborne, Daniel L., Connie M. Weaver, Linda D. McCabe, George M. McCabe,
Rachael Novotony, Marta Van Loan, Scott Going, Velomir Matkovic, Carol
Boushey, Dennis A. Savaiano, and the ACT research team. Predictors of
structural geometry at the proximal femur in Asian, Hispanic, and White
adolescent females living in the U.S. *Calcified Tissue International*.

In preparation Osborne, Daniel L., Connie M. Weaver, Linda D. McCabe, George M. McCabe,
Rachael Novotony, Carol Boushey, and Dennis A. Savaiano. Assessing the
relationship between skin pigmentation and measures of bone strength in

- adolescent females living in Hawaii. *American Journal of Human Biology*.
- 2008 Osborne, Daniel L. Assessing dental health at Oakwood Mound, Will County, Illinois. *Illinois Archaeology*
- 2008 Grieshaber, Britta M., Daniel L. Osborne, Alison F. Doubleday, and Frederika A. Kaestle. Investigating the effects of X-ray and computed tomography exposure on the amplification of DNA from bone. *Journal of Archaeological Science* 35(3):681-687.
- 2006 Pickering, Travis R., Charles P. Egeland, Amy Schnell, Daniel L. Osborne, and Jake Enk. Success in identification of experimentally fragmented limb bone shafts: implications for estimates of skeletal element abundance in archaeofaunas. *Journal of Taphonomy*, 4(2):97-108.
- 2005 Osborne, Daniel L. and Janene M. Curtis. A protocol for the staining of cement lines in adult human bone using toluidine blue. *Journal of Histotechnology*, 28(2):73-79.
- 2004 Osborne, Daniel L., Tal L. Simmons, and Stephen P. Nawrocki. Reconsidering the auricular surface as an indicator of age at death. *Journal of Forensic Sciences*, 49(5):905-911.

TEACHING EXPERIENCE:

- 2006 Assistant Instructor
Department of Anthropology, Indiana University, Bloomington, Indiana
- Lecture/test authorship, teaching, and grading for ANTH A200 *Nutritional Anthropology*
- 2002-03 Assistant Instructor, 2002-2003
School of Continuing Studies, Indiana University, Bloomington, Indiana
- Instructor for ANTH E105 *Culture and Society* and ANTH A105 *Human Origins and Prehistory*
- 2001-02 Assistant Instructor, 2001-2002
Department of Anthropology, Indiana University, Bloomington, Indiana
- Lecture/test authorship, teaching, grading and lab supervision for ANTH B301 *Laboratory Methods in Bioanthropology*
- 2000 Assistant Instructor
Department of Anthropology, Indiana University, Bloomington, Indiana
- Teaching, grading and lab supervision for ANTH B200 *Introduction to Biological Anthropology*
- 1998-2000 Graduate Assistant, 1998-2000
Department of Anthropology, Western Michigan University, Kalamazoo, Michigan

RELATED EMPLOYMENT:

- 2005 Graduate Assistant
Dean of the Faculties Office, Indiana University, Bloomington, Indiana.

- Articulation of curricular listings and course descriptions for statewide university system.
- 2004 Laboratory Technician
Department of Anthropology, Glenn Black Laboratory of Archaeology, Indiana University, Bloomington, Indiana.
- Identification and cataloguing of prehistoric and historic artifacts.
- 2003-2004 Laboratory Technician
Department of Anatomy and Cell Biology, Indiana University-Purdue University, Indianapolis, Indiana.
- Tissue preparation, experimentation and data collection
- 2001 Field Technician
Department of Anthropology, Glenn Black Laboratory of Archaeology, Indiana University, Bloomington, Indiana.
- Cultural resource management

PROFESSIONAL PRESENTATIONS:

- 2008 Factors influencing structural geometry at the hip in adolescent females living in the U.S. Department of Nutrition, University of Nebraska, February, 2008, Lincoln, NE.
- 2008 Assessing the relationship between skin pigmentation and measures of bone strength in adolescent females living in Hawaii. American Association of Physical Anthropologists, March, 2008, Columbus, OH.
- 2006 Investigating variation in cross-sectional geometry at the hip in adolescent girls. Human Biology Association, March 2006. Anchorage, AK.
- 2002 Anthropometric standards for assessing bone health in children. Adequate Calcium Today Annual Meeting, February 28-March 2, 2002. Las Cruces, NM.
- 2001 Reconsidering the auricular surface as an indicator of age at death. American Academy of Forensic Sciences, February 2001. Seattle, WA.
- 2000 Serious problems with estimating age at death. Midwest Bioarchaeology and Forensic Anthropology Association, September 2000. Columbia, MO.
- 1999 Reconsidering the auricular surface as an indicator of age at death. Midwest Bioarchaeology and Forensic Anthropology Association, September 1999. East Lansing, MI.

PEER REVIEWED SOLICITATIONS:

- 2008 "Human Biological Variation"(2006) by James H. Mielke, Lyle W. Konigsberg, and John H. Relethford. New York, NY: Oxford University Press.
- 2007 "Exploring Physical Anthropology: a Lab Manual and Workbook" (*in press*) by Suzanne E. Walker. Englewood, CO: Morton Publishing Company.
- 2005 "African Taphonomy: A Tribute to the Career of C.K. "Bob" Brain" (2007) edited by T.R. Pickering, N. Toth and K. Schick. Bloomington (IN): Stone Age Institute Press.

PROFESSIONAL DEVELOPMENT:

- 2008 Survey, Statistics, and Psychometrics (SSP) annual NIH Grant Writing Workshop (May, 2008). University of Nebraska, Lincoln, NE.
- 2005 Southwest Foundation for Biomedical Research (SFBR) annual Anthropological and Primate Genetics Workshop (December, 2005) Quantitative genetics and linkage analysis. San Antonio, TX.
- 1999 Archaeological Field School: Prison Farm Site (June – July 1999). Grand Valley State University, Allendale, MI.
- 1998 Laboratory Osteologist (Spring 1998) Florida Museum of Natural History, University of Florida, Gainesville, FL.

GRANTS AND FELLOWSHIPS AWARDED:

- 2006 \$16,000 Future Faculty Teaching Fellowship, Indiana University, Bloomington, IN.
- 2006 \$600 Graduate Student Travel Grant, Human Biology Association, Anchorage, AK.
- 2005 \$12,000 Skomp Dissertation Write-up Fellowship, Indiana University, Bloomington, IN.
- 1999 \$600 Graduate Student Research Fund, Western Michigan University, Kalamazoo, MI.

HONORS AND AWARDS:

- 2001 J. Lawrence Angel Student Paper Award, American Academy of Forensic Sciences, Seattle, Washington.
- 2000 Graduate Student Creative Research Award, Western Michigan University, Kalamazoo, Michigan.

DEPARTMENTAL SERVICE:

- 2007-Present Departmental IRB committee
- 2007 Panel Discussant on the Application, Interviewing, and Hiring Process in Academia
- 2007 Guest speaker, AnthroGroup: Graduate School Application Workshop

PROFESSIONAL MEMBERSHIPS:

- 1999-Present American Association of Physical Anthropologists
- 2003-Present American Association of Human Biologists
- 2005-Present American Association of Anthropological Genetics
- 1999-Present Bioarchaeology and Forensic Anthropology Association

REFERENCES:

David Burr, Ph.D.
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