

DARSHANA F. SHAPIRO
Curriculum Vitae
July 2016

ADDRESS

Department of Anthropology
Rutgers, The State University of New Jersey
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New Brunswick, NJ 08901

CONTACT INFORMATION

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EDUCATION

- Ph.D. Candidate in Evolutionary Anthropology** **2009-present**
Rutgers University, New Brunswick, NJ
Dissertation topic: Characterizing the trabecular architecture of the pelvis of extant and fossil primates via high-resolution X-ray CT analysis: implications for understanding and reconstructing locomotion.
Committee: Robert S. Scott, Erin R. Vogel, Susan M. Cachel, external member: David R. Begun
- B.S., Anthropology (minor: Paleontology), *magna cum laude*** **2009**
University of Michigan, Ann Arbor, MI

GRANTS, AWARDS, HONORS

- Teaching Assistant and Graduate Assistant Professional Development Fund (\$943) **2016**
Conference Travel Award, Graduate School, Rutgers (\$200) **2016**
Teaching Assistant and Graduate Assistant Professional Development Fund (\$700) **2016**
Teaching Assistant and Graduate Assistant Professional Development Fund (\$1067) **2015**
Conference Travel Award, Graduate School, Rutgers (\$50) **2015**
Wenner-Gren Foundation Dissertation Fieldwork Grant (\$19,991) **2014**
Special Study Award, Graduate School, Rutgers University (\$900) **2014**
William S. Pollitzer Student Travel Award, AAPA (declined, \$500) **2014**
Conference Travel Award, Dept. of Anthropology, Rutgers (\$200) **2013**
Center for Human Evolutionary Studies Award, Rutgers (\$1000) **2013**
Center for Human Evolutionary Studies Award, Rutgers (\$350) **2012**
Bigel Fellowship, Department of Anthropology, Rutgers (\$500) **2012**
Conference Travel Award, Graduate School, Rutgers (\$100) **2012**
Zelnick Award, Center for Human Evolutionary Studies, Rutgers (\$2000) **2011**
Bigel Fellowship, Department of Anthropology, Rutgers (\$1100) **2011**
Center for Human Evolutionary Studies Award, Rutgers (\$500) **2010**

PUBLICATIONS

- Shapiro, D.** "Pelvic variation (related to locomotion and birth canal)." In Trevathan, W. (ed.) The International Encyclopedia of Biological Anthropology. John Wiley and Sons, Inc. **2018**
- Shapiro, D.** "Pelvic variation." In Fuentes, A. (ed.) The International Encyclopedia of Primatology. John Wiley and Sons, Inc. **2016**

CONFERENCE PRESENTATIONS

Shapiro, D. Quantifying trabecular bone density and anisotropy in the primate lower ilium with implications for reconstructing locomotor loading. Accepted as podium presentation to the International Congress of Vertebrate Morphology. **2016**

Foster, F. & **Shapiro, D.** Convergent loss of paranasal sinuses in mammals is explained by their deleterious effects on high-frequency communication. Accepted as podium presentation to the International Congress of Vertebrate Morphology. **2016**

Shapiro, D. & Begun, D.R. Characterizing the trabecular bone of the primate ischium and its relationship to locomotion in *Rudapithecus hungaricus*. *Am. J. Phys. Anthropol.*, 159(S62), 288. Poster. **2016**

Shapiro, D. & Begun, D.R. A preliminary analysis of the iliac trabecular architecture of *Rudapithecus hungaricus*. *Am. J. Phys. Anthropol.*, 156(S60), 285. Poster. **2015**

Shapiro, D. A preliminary quantitative comparison of the internal trabecular architecture of the ilia of chimpanzees and orangutans by high-resolution x-ray computed tomography (HRXCT). *Am. J. Phys. Anthropol.*, 150(S56), 251-252. Poster. **2013**

Zhou, Z., Ward, D., **Shapiro, D.**, Hlubik, S., De Rosa, K.L., Hoffman, D.J., Vogel, E., & Scott, R.S. Influence of food material properties and cooking on meat-eating performance in humans. *Am. J. Phys. Anthropol.*, 150(S56), 299. Poster. **2013**

Shapiro, D. Phylogenetic and locomotor signals in the primate bony pelvis: a multivariate approach. *Am. J. Phys. Anthropol.*, 147(S54), 267-268. Poster. **2012**

APPOINTMENTS/TEACHING EXPERIENCE

Rutgers University, New Brunswick, NJ

Instructor- English 302: Scientific and Technical Writing, Fall **2015**

Instructor- Anthropology 358/359: Introduction to Human Osteology/Human Osteology Laboratory, Summer **2015**

Instructor- English 101: Expository Writing, Fall **2014**

Teaching Assistant- Anthropology 358/359: Introduction to Human Osteology/Human Osteology Laboratory, Spring **2013/2014**

Teaching Assistant- Anthropology 102: Introduction to Human Evolution, Spring **2012**

Teaching Assistant- Anthropology 111: Extinction, Fall **2011-2013**

Graduate Fellow- Department of Anthropology **2009-2011**

Princeton Day School, Princeton, NJ

Summer Program Instructor- CSI:PDS (Forensic Anthropology), July **2013**

MUSEUM EXPERIENCE

Early Historical Site Faunal Analysis- Subcontractor, Feb-Aug. **2015**

Vertebrate Fossil Preparation- Contractor, August **2013**

New Jersey State Museum, Trenton, NJ

Exhibit Content Developer- Evolution of Human Diet **2013-2014**

Rutgers Geology Museum, New Brunswick, NJ

Vertebrate Fossil Preparation- Laboratory Assistant/Technician **2006-2009**

University of Michigan Museum of Paleontology, Ann Arbor, MI

FIELD EXPERIENCE

Crew Leader, Fossil Preparator **2012/2014/2015**

The Rudabánya Hominid Origins Project/Field School

University of Toronto/Hungary

Participant **2010**

Field School for Quaternary Paleoanthropology and Prehistory of Murcia, Spain

Participant **2008**

The Sanisera Field School, Ecomuseum of the Cape of Cavalleria, Menorca, Spain

SERVICE AND OUTREACH

Aresty Center Undergraduate Research Symposium Judge **2016**

Rutgers University, New Brunswick, NJ

AAPA Meeting Social Media Team Member **2016**

Atlanta, GA.

Anthropology Department Undergraduate Workshop Presenter **2015**

Topic: Applying for Funding as an Undergraduate

ComSciCon Participant- Communicating Science Workshop **2014**

Harvard University, Cambridge, MA

Anthropology Department “Wednesday Workshop” Presenter **2014**

Topic: Bridging the Four-Field Divide

Graduate Student Peer Mentor **2011-2012**

Anthropology Undergraduate Advising Collective
Advisor

2010-2012

Co-President, Anthropology Graduate Student Association

2010-2011

MEMBERSHIPS

American Association of Physical Anthropologists
Student member

2009-present