

Denise Fay-Shen Su
Department of Anthropology
Bryn Mawr College
Bryn Mawr, PA 19010

Academic Background

- 2005 Ph.D., New York University: Anthropology
Dissertation Title: The Paleoecology of Laetoli, Tanzania: Evidence from the Mammalian Fauna of the Upper Laetolil Beds
- 2001 M.A., New York University: Anthropology
Thesis Title: Paleoecology of the Upper Laetolil Beds, Laetoli, Tanzania: Its Implications for Hominid Evolution
- 1998 B.A., University of California, Berkeley: Anthropology (High Honors)

Academic Positions

- 2009- Assistant Professor: Department of Anthropology, Bryn Mawr College
- 2008-2009 Postdoctoral Research Assistant: Department of Anthropology, The Pennsylvania State University
- 2006 Adjunct Assistant Professor: California State University East Bay
- 2005-2008 Postdoctoral Research Fellow: Department of Integrative Biology and Human Evolution Research Center, UC Berkeley
- 2004 Instructor: New York University
- 2003-2004 Editorial Associate: *Journal of Human Evolution*
- 2001 Research Assistant: New York University
Teaching Assistant: New York University
- 2000 Research Assistant: New York University
- 1999 Teaching Assistant: New York University

Peer-Reviewed Publications

- In review White, T. D., Ambrose, S., Suwa, G., **Su, D. F.**, DeGusta, D., Bernor, R. L., Boisserie, J.-R., Brunet, M., Delson, E., Frost, S., Garcia, N., Giaortsakis, I., Haile-Selassie, Y., Hlusko, L. J., Howell, F. C., Kaya, F., Lehmann, T., Pehlevan, C., Saegusa, H., Teaford, M., and Vrba, E. Macrovertebrate Paleontology and Aramis Pliocene Environment. *Science*.
- In review **Su, D. F.** and Jablonski, N.G. Locomotor Behavior and Morphology in Odd-Nosed monkeys. *Folia Primatologica*.
- In press **Su, D. F.**, Ambrose, S., DeGusta, D., and Haile-Selassie, Y. Late Miocene Paleoenvironment of the Middle Awash, Afar Rift, Ethiopia. In (Y. Haile-Selassie and G. WoldeGabriel, eds) *Ardipithecus kadabba: Late Miocene Evidence from the Middle Awash, Ethiopia*. University of California Press.
- 2008 **Su, D. F.** and Harrison, T. Ecological implications of the relative rarity of fossil hominins at Laetoli. *Journal of Human Evolution*, 55: 672-681.
- 2007 **Su, D. F.** and Harrison, T. The Paleoecology of the Upper Laetolil Beds at Laetoli: A Reconsideration of the Large Mammal Evidence. In (R. Bobe, Z. Alemseged, K.A. Behrensmeyer, eds) *Hominin environments in the East African Pliocene: an assessment of the faunal evidence*. Kluwer Press.

- 2002 Harrison, T., Ji, X. P., **Su, D.** On the Systematic Status of the late Miocene and Pliocene hominoids from Yunan Province, China. *Journal of Human Evolution*, 43: 207-227.

Published Abstracts of Presentations given at Professional Meetings

- 2009 **Su, D.F.**, Ji, X., Kelley, J., and Jablonski, N.G. A new paleontological site in the Zhaotong Basin of Yunnan Province, China. *American Journal of Physical Anthropology*, 138 (S48): 250.
- 2008 **Su, D. F.** and Harrison, T. The Laetoli Paleoenvironment Environment: Reconsiderations and Implications for Early Hominin Evolution. *Journal of Vertebrate Paleontology*, 128 (S3): 148A.
- 2006 **Su, D. F.** The Mammalian Evidence for the Paleoenvironment of the late Miocene Deposits of the Middle Awash, Ethiopia. *PaleoAnthropology*, Abstracts of the PaleoAnthropology Society 2006 Meetings: A04.
URL: <http://www.paleoanthro.org/journal/content/PAS2006A.pdf>
- 2004 **Su, D. F.** and Harrison, T. Faunal differences in the Upper Laetoli Beds of Laetoli: Implications for paleoecological reconstructions. 32nd Int. Geol. Congr., electronic version posted on-line on July 20, 2004, Abs. Vol., pt. 1, abs. 7-8.
- 2004 Harrison, T. and **Su, D. F.** Laetoli Paleocology and early hominin habitats. 32nd Int. Geol. Congr., electronic version posted on-line on July 20, 2004, Abs. Vol., pt. 1, abs. 7-6.
- 2004 Harrison, T. and **Su, D. F.** Laetoli paleoecology reconsidered: implications for early hominin habitats. *PaleoAnthropology*, Abstracts of the PaleoAnthropology Society 2004 Meetings: A33.
URL: <http://www.paleoanthro.org/journal/content/PAS2004A.pdf>
- 2003 **Su, D. F.** and Harrison T. Faunal differences in the sequence at Laetoli: Implications for taphonomy and paleoecology. *American Journal of Physical Anthropology*, Supplement 36: 203.
- 2003 **Su, D. F.**, Harrison, T., and Friedline, S. Taphonomic versus ecological factors in the rarity of fossil hominins at Laetoli, Tanzania. 2003 Paleoanthropology Society Meeting Abstracts.
URL: <http://www.paleoanthro.org/abst2003.htm>
- 1999 **Su, D.** and Hartwig, W. C. Comparative Size at Maturity Reaction Norms in Old and New World Monkeys. *American Journal of Physical Anthropology*, Supplement 28: 260-261.
- 1998 **Su, D.** and Jablonski, N. G. Locomotion and Forelimb Morphology in Snub-Nosed Monkeys (Colobinae: *Rhinopithecus*). *American Journal of Physical Anthropology*, Supplement 26: 213.

Invited Lectures

- 2009 New York Consortium of Evolutionary Primatology Conference: Darwin's Legacy: Early Human Evolution in Africa
Title: Paleocology of Laetoli, Tanzania and Its Implications for Human Evolution

Grants and Awards

- 2009 American Association of Physical Anthropologists Professional Development Grant

- 2006 Curation and Infrastructure Grant, Researching Hominid Origins Initiative (RHOI-NSF HOMINID Grant)
- 2006 Dean's Outstanding Dissertation Award for Social Sciences
- 2003 Graduate School of Arts and Science Student Travel Grant, New York University
- 2003 NYCEP Travel Grant, New York Consortium of Evolutionary Primatology
- 2002 National Science Foundation, Dissertation Improvement Grant Award #0216683
Title: Paleoecology of the Upper Laetolil Beds, Laetoli, Tanzania: Its Implications for Hominid Evolution
- 2001 Margaret and Herman Sokol Fellowship, New York University
NYCEP Pre-dissertation Travel Grant, New York Consortium of Evolutionary Primatology
- 1999 NYCEP Travel Grant, New York Consortium of Evolutionary Primatology
- 1998 NYCEP Travel Grant, New York Consortium of Evolutionary Primatology
- 1998-2003 Dean's Minority Fellowship, New York University
- 1998-2003 Henry Mitchell MacCracken Fellowship, New York University

Field Research

Zhaotong Basin Paleontological and Geological Expedition

PI: Denise F. Su, Nina Jablonski, and Ji Xueping (2009-)

Exploration of Selected Late Tertiary Mammalian Sites in Yunnan Province, China

PI: Nina Jablonski and Ji Xueping (2007, 2008)

Wembere-Manonga Paleontological Expedition at Manonga Valley, Tanzania

PI: Terry Harrison (2006)

Eyasi Plateau Paleontological and Geological Expedition at Laetoli, Tanzania

PI: Terry Harrison (2000, 2001, 2003, 2005)

Taphonomic Study of the Modern Garusi Area

PI: Denise F. Su (2000, 2005)