

Curriculum Vitae

Shawn P. Zack

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Education

Duke University	Biology	B.S., 1999.
Johns Hopkins University	Functional Anatomy	Ph.D. candidate

Teaching Experience

Laboratory Instructor (2002-2003 and 2005-2006), "Human Anatomy," Center for Functional Anatomy and Evolution, The Johns Hopkins University.
 Laboratory Instructor (2001 and 2002) "Summer Anatomy Institute," Center for Functional Anatomy and Evolution, The Johns Hopkins University.
 Teaching Assistant (1998), "Comparative Vertebrate Anatomy," Department of Biology, Duke University.

Field Experience

University of Michigan (G. Gunnell and W. S. Bartels, PI's) in middle Eocene of Wasatch Formation at South Pass, Wyoming, 1997 and 1998.
 Johns Hopkins University (K. D. Rose, PI) in early Eocene Willwood Formation of the Bighorn Basin, Wyoming, 2001-2004.
 South Dakota School of Mines (J.I. Bloch, PI) in the late Paleocene Melville Formation of the Crazy Mountains Basin, Montana, 2003.

Other Relevant Experience

Vertebrate paleontology intern at Fossil Butte National Monument, 2000.

Publications

Santucci, V.L., and Zack, S.P. 2000. Red Fleet State Park Paleontological Survey. National Park Service Geologic Resources Division Technical Report NPS/NRGRD/GRDTR-00/01, 38p.
 Zack, S.P., and Santucci, V.L. 2001. Steinaker State Park Paleontological Survey. National Park Service Geologic Resources Division Technical Report NPS/NRGRD/GRDTR-01/03, 20p.
 Zack, S.P. 2004. An early Eocene arctostylopid (Mammalia: Arctostylopida) from the Green River Basin, Wyoming. *Journal of Vertebrate Paleontology*, 24(2): 498-501.

Zack, S.P., T.A. Penkrot, J.I. Bloch, and K.D. Rose. 2005. Affinities of "hyopsodontids" to elephant-shrews and a Holarctic origin of Afrotheria. *Nature* 434(7032): 497-501.

Zack, S.P., T.A. Penkrot, D.W. Krause, and M.C. Maas. 2005. A new apheliscine "condylarth" mammal from the late Paleocene of Montana and Alberta and the phylogeny of "hyopsodontids." *Acta Palaeontologica Polonica* 50(4): 809-830.

Penkrot, T. A., Zack, S. P., Rose, K. D., and Bloch, J. I. *Submitted*. Postcranial morphology of *Apheliscus* and *Haplomylys* ("Condylarthra," Apheliscidae), and the early Eocene, Holarctic origin of the Macroscelidea.

Published Abstracts

Zack, S.P. 1999. New basal Notoungulata from the ?Paleocene at Vilcapujio, Bolivia. Congreso Internacional Evolución Neotropical del Cenozoico, La Paz, Bolivia, p. 47.

Zack, S.P., R.F. Kay, and R.H. Madden. 1999. New notoungulates from the Paleogene at Vilcapujio, Bolivia. *Journal of Vertebrate Paleontology*, 19(3A): 86A.

Zack, S.P. 2000. A second sebecosuchian from the late Miocene La Venta fauna. *Journal of Vertebrate Paleontology*, 20(3A): 80A.

Zack, S.P. 2001. Postcranial diversity in Wasatchian (early Eocene) Hyaenodontidae. *Journal of Vertebrate Paleontology*, 21(3A): 116A.

Zack, S.P. 2002. Patterns of evolutionary change in an adaptive radiation: Hyaenodontidae (Mammalia: Creodonta) from the early Eocene of Wyoming. *Journal of Vertebrate Paleontology*, 22(3A): 121A.

Penkrot, T. A., S. P. Zack, K. D. Rose, and J. I. Bloch. 2003. Postcrania of early Eocene *Apheliscus* and *Haplomylys* (Mammalia: "Condylarthra"). *Journal of Vertebrate Paleontology*, 23(3A): 86A.

Zack, S.P. 2004. Skull and partial skeleton of the rare early Eocene mammal *Wyolestes* (Mammalia: Eutheria) from the Bighorn Basin, Wyoming. *Journal of Vertebrate Paleontology*, 24(3A): 133A.

Penkrot, T. A., Zack, S. P., and Strait, S. G. 2004. New postcrania of Macrocranion (Eutheria: Amphilemuridae) from the early Eocene, Bighorn Basin, WY. *Journal of Vertebrate Paleontology*, 24(3A): 101A.

Rose, K.D. and S.P. Zack. 2004. New earliest Eocene mammalian fauna from the central Bighorn Basin, Wyoming. *Journal of Vertebrate Paleontology*, 24(3A): 105A.

Zack, S.P. 2005. Postcranial morphology and the phylogeny of "Condylarthra." *Journal of Vertebrate Paleontology*, 25(3A): 133A.