

BIOGRAPHICAL SKETCH

NAME	POSITION TITLE
Clint Aaroen Boyd	Haslem Postdoctoral Fellow / Assistant Professor

EDUCATION

INSTITUTION AND LOCATION	DEGREE	YEAR CONFERRED	FIELD OF STUDY
University of Wisconsin, Madison, WI	B.S.	2005	Geology / Zoology
The University of Texas, Austin, TX	Ph.D.	2012	Geological Sciences

RESEARCH INTERESTS

HISTORICAL PATTERNS OF FOSSIL DATA ACQUISITION WITHIN TETRAPODA

QUANTITATIVELY ASSESSING THE DISPARITY BETWEEN THE FOSSIL RECORD AND MOLECULAR DIVERGENCE ESTIMATES

TAXONOMY AND SYSTEMATIC RELATIONSHIPS WITHIN TALPOIDES (MOLES)

SYSTEMATIC RELATIONSHIPS AND EVOLUTIONARY PATTERNS WITHIN ORNITHISCHIAN DINOSAURS

COMPARATIVE MORPHOLOGY, OSTEOGENESIS, AND FUNCTION OF ACCESSORY OSSIFICATIONS IN TETRAPODS

RESEARCH AND/OR PROFESSIONAL EXPERIENCE

Professional Experience:

2012 - Haslem Postdoctoral Fellow/Assistant Professor, South Dakota School of Mines and Technology

Honors and Awards:

Nominated for the Taylor & Francis Award for Best Student Article in the Journal of Vertebrate Paleontology (2010); S.T.A.R. Performance Award - Badlands National Park (2010); Francis L. Whitney Endowed Presidential Scholarship (2009-2010); NSF East Asia and Pacific Summer Institutes for U.S. Graduate Students Participant (2007)

Selected Bibliography:

- Boyd, C.A., Weiler, M.W., Householder, M.L., and Schumaker, K.K. *in press*. The diversity of cimolestan mammals within the White River Group of South Dakota and Nebraska. *Acta Palaeontologica Polonica*.
- Gates, T.A., Lund, E.K., Boyd, C.A., Getty, M.A., DeBlieux, D.D., Kirkland, J.I., and Evans, D.C. *in press*. The role of Grand Staircase-Escalante National Monument in macroevolutionary and paleobiogeographic studies of ornithomimid dinosaurs. In: Titus, A. (Ed.), *The Late Cretaceous in Utah*. Indiana University Press.
- Ksepka, D.T., and Boyd, C.A. 2012. A new method for quantifying historical trends in the completeness of the fossil record and the contributing factors: an example using Aves. *Paleobiology*. 38(1):112-125.
DOI: 10.1666/10059.1
- Brown, C.M., Boyd, C.A., and Russell, A.P. 2011. A new basal neornithischian from the Frenchman Formation, Saskatchewan, Canada and its associated fauna: implications for Late Maastrichtian ornithischian diversity in North America. *Zoological Journal of the Linnean Society*. 163(4):1157-1198.
DOI: 10.1111/j.1096-3642.2011.00735.x
- Boyd, C.A., Cleland, T.P., and Novas, F. 2011. Osteogenesis, homology, and function of intercostal plates on ornithischian dinosaurs. *Zoomorphology*. 130(4):305-313. DOI: 10.1007/s00435-011-0136-x
- Boyd, C.A., Cleland, T. P., Marrero, N. L., and Clarke, J. A. 2011. Exploring the effects of phylogenetic uncertainty and consensus trees on stratigraphic consistency scores: a new program and a standardized method proposed. *Cladistics*. 27(1):52-60. DOI: 10.1111/j.1096-0031.2010.00320.x
- Boyd, C.A., Brown, C.M., Scheetz, R., and Clarke, J.A. 2009. Taxonomic revision of the basal neornithischian taxa *Thescelosaurus* and *Bugenasaura*. *Journal of Vertebrate Paleontology*. 29(3):758-770.
DOI: 10.1671/039.029.0328
- Clarke, J.A., Ksepka, D.T., Stucchi, M., Urbina, M., Giannini, N., Bertelli, S., Narváez, Y., and Boyd, C.A. 2007. Paleogene equatorial penguins challenge the proposed relationship between penguin biogeography, body size evolution, and Cenozoic climate change. *Proceedings of the National Academy of Sciences*. 104(28):11545-11550. DOI: 10.1073/pnas.0611099104

Additional Research Products:

Boyd, C.A. 2011. Assistance with Stratigraphic Consistency Calculations (ASCC) Program Suite. v. 4.0 Alpha.

