

# Jurassic Dinosaur Paleoenvironments



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## Education

1994 Ph. D. Geological Sciences, University of Michigan  
1990 M. S. Geological Sciences, University of Michigan  
1987 B. A. with honors, Geology, The College of Wooster

## Areas of expertise

Paleontology, Historical Geology, Stratocladistics

## Grants and awards

2004 - 2007 NSF REU – REU Site Investigation:  
Paleoenvironmental characterization of a dinosaur site in  
the Morrison Formation of the Bighorn Basin, Wyoming  
(T. M. Demko, Co-PI): \$232,513

## Key Publications and Presentations:

2005 Multidisciplinary field investigations: using shared logistics to increase research productivity. *CUR Quarterly* 25(4): 156-161. (B. E. Bodenbender and T. M. Demko)  
2005 Taphonomy, taxonomy, and anatomy of sauropod and theropod dinosaur remains from the Upper Jurassic Morrison Formation near Shell, WY. *Geological Society of America Abstracts with Programs* 37(5):33. (S. Kubarek\*, E. Swor\*, E. Ramirez\*, B. E. Bodenbender, and T. M. Demko)  
2005 Description of paleosols in the Upper Jurassic Morrison and Lower Cretaceous Cloverly Formations near a dinosaur site in the Bighorn Basin, WY. *Geological Society of America Abstracts with Programs* 37(5):33. (E. E. Baar\*, M. Yonovitz\*, T. M. Demko, and B. E. Bodenbender)

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This project involves the excavation and study of the dinosaurs *Camarasaurus*, *Diplodocus*, and *Allosaurus*, other fossil vertebrates and plants, and their surrounding sediments to better understand the environments that preserved these fossils 150 million years ago.

