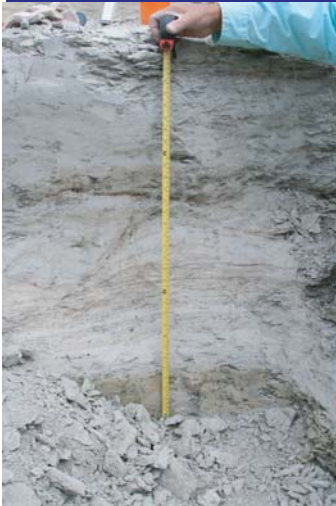


Paleontology



Measuring a section through a fossiliferous crevasse-splay in the Judith River Formation of central Montana. This research involves the taphonomy of Late Cretaceous dinosaurs.



Chotocops from the Lower Devonian Hunsruckschiefer of Germany. The ventral anatomy of this genus and the pyritization is currently the focus of UNO research.



Triceratops braincase and sinuses from the Hell Creek Formation of Montana. This anatomy is part of an ongoing UNO study.



Cycads in New Orleans that were subjected to Katrina flooding. Understanding the effect of the flooding on cycads is one of the many cycad projects currently underway.



2006 excavation of a nearly complete tyrannosaurid in the Judith River Formation of Montana.

Paleontological research at UNO includes the following topics:

- 1) Dinosaurs of the Lance, Hell Creek, and Judith River Formations of the western USA, especially focusing on skin preservation;
- 2) sea turtle phylogeny;
- 3) phylogeny and predator defenses in modern xenophorid snails;
- 4) modern cycads;
- 5) Early Paleozoic echinoderm phylogeny;
- 6) taphonomy and preservation of the Hunsruckschiefer and Yixian;
- 7) politics and psychology of collectors' mentality;