

Symposium Schedule



Friday, September 13th

Optional Field trip "Paleogene faunas of North Dakota" (see [main symposium page](#) for details)

Saturday, September 14th

(Platform Presentations)

8:30 - Welcome

8:40 - Krumenacker, Avrahami, Irmis, Kirkland, Weaver, Wilson, & Zanno

Growing Taxonomic Diversity of the mid-Cretaceous (late Albian-Cenomanian) Wayan Formation Vertebrate Assemblage of Idaho [\[Abstract\]](#)

9:00 - Noto, Adams, Drumheller, Adrian, Smith, & Grossman

At the Crossroads of the Cretaceous: The Woodbine Group and Understanding the Evolution of Appalachian Continental Ecosystems in the Late Cretaceous [\[Abstract\]](#)

9:20 - Hanks, WestGaard, & Hastings

Updates to the Dinosaur Fauna of the Late Cretaceous Coleraine Formation (Cenomanian) in Central and Northern Minnesota [\[Abstract\]](#)

9:40 - Westgaard & Hanks

The Hill Annex Paleontology Project: A Citizen Science Research and Outreach Program [\[Abstract\]](#)

10:00 - Smith, Adrian, Williams, Lee, Noto, & Grossman

A New Species of Nanhsiungchelyid Turtle from the Arlington Archosaur Site, Woodbine Formation, Texas: Macro- and Micro-anatomical Analyses [\[Abstract\]](#)

----- Break

10:25 - DeMar & Gardner

New Paleogene Fossils from the Western USA Document a New Paleocene Species and Temporal Range Extension into the Eocene for the Sirenid Salamander *Habrosaurus* [\[Abstract\]](#)

10:45 - Woodruff & Evans

A New Species of *Sphaerolithus* (Dinosauria: Pachycephalosauria) from the Upper Cretaceous Hell Creek Formation of Montana [\[Abstract\]](#)

11:05 - Fowler, Wilson, Freedman Fowler, & Horner

The Horned Dinosaur *Leptoceratops* (Ornithischia: Neoceratopsia) Raised its Young in Communal Nesting Burrows: Evidence from Three New Bonebeds in the Hell Creek Formation (Maastrichtian, Late Cretaceous), Montana [\[Abstract\]](#)

11:25 - Bamforth & Street

Unusual Ceratopsian Frill Morphologies from the uppermost Maastrichtian Frenchman Formation (66 Ma) of Saskatchewan, Canada [\[Abstract\]](#)

----- Lunch 11:45 - 1:20 pm - (Optional: Ukrainian Cultural Institute, 10 min walk)

1:20 - McDonald, Wolfe, & Freedman Fowler

A New Crested Brachylophosaurin (Dinosauria: Hadrosauridae) from the Upper Cretaceous Menefee Formation of New Mexico and Judith River Formation of Montana [\[Abstract\]](#)

1:40 - Freedman Fowler & Fowler

"Warwick's Duck", an Exceptional Specimen of *Edmontosaurus* (Dinosauria: Hadrosauridae) with Extensive Caudal Neural Spine Pathologies: Evidence of Mating Injuries in Hadrosaurs? [\[Abstract\]](#)

2:00 - Bertozzo, Tanke, Murphy, Ruffell, & Godefroit

A Comparison of Paleopathological Lesions and Diseases between Lower and Upper Cretaceous Ornithomimid Dinosaurs [\[Abstract\]](#)

2:20 - Canoy Illies & Fowler

***Triceratops* with a Kink: Co-ossification of Five Distal Caudal Vertebrae from the Hell Creek Formation of North Dakota** [\[Abstract\]](#)

2:40 - Welsh, Boyd, & Spearing

A Nimravid (Mammalia: Carnivora) with Split Carinae, Supporting the Hypothesis of Genetic Polymorphism in Homologous Tooth Abnormality Found Within Theropod Dinosaurs [\[Abstract\]](#)

3:00 - Dececchi, Bamforth, & Larsson

Running on Empty: Investigating the Energetics of Theropod Predators and Community Structure of the Latest Cretaceous Frenchman Formation Ecosystem [\[Abstract\]](#)

----- Public Panel Discussion, 4:00 - 6:00pm [\[See Flyer Here\]](#)

----- Welcome Reception At Badlands Dinosaur Museum, 7:00-10:00

Explore the exhibits while enjoying a buffet dinner catered by The Wurst Shop, specializing in local North Dakota German cuisine. Tours of the paleontology lab and collections will be available. Cash bar.

Sunday, September 15th

(Platform Presentations)

9:00 - Street, Mekarski, Bamforth, Smith, Tahara, & Larsson

A Juvenile Elasmosaur Skull Preserved in a Concretion from the Upper Cretaceous Bearpaw Formation of Saskatchewan, Canada [\[Abstract\]](#)

9:20 - Turcios & Hastings

Previously Unreported Historical Remains of an Elasmosaurus Recovered from Wyoming in 1927 [\[Abstract\]](#)

9:40 - Van Vranken & Boyd

An Update on Mosasaurine (Reptilia; Squamata) Remains from the Hell Creek Formation, North Dakota, USA [\[Abstract\]](#)

10:00 - Hastings, Westgaard, & Hanks

New Records of Marine Reptiles from the Late Cretaceous of Minnesota [\[Abstract\]](#)

----- Break

10:25 - Williams, Brochu, Tremaine, Carr, & Scannella

A Basal Alligatoroid from the Upper Cretaceous (Campanian) Two Medicine Formation of Montana [\[Abstract\]](#)

10:45 - Boyd & Householder

A New Species of Alligatoroid with European Affinities from the earliest Paleocene (Puercan) Ludlow Formation (Fort Union Group) of North Dakota [\[Abstract\]](#)

11:05 - Person

Newly Reported *Borealosuchus* (Crocodylia, Eusuchia) from the Camels Butte Member (Eocene) Golden Valley Formation of North Dakota [\[Abstract\]](#)

11:25 - Lightning Talks

----- Lunch 11:45 - 1:30

----- Poster Session 1:30-2:20 (authors must be present)

2:20 - Atwater & Scannella

A Stagodontid Marsupial from the Upper Cretaceous Hell Creek Formation of Montana [\[Abstract\]](#)

2:40 - Cruz

Analysis of the Masticatory Apparatus of *Uintatherium anceps* [\[Abstract\]](#)

3:00 - Welsh & Moore

A Newly Discovered *Phlaocyon*-like Dog (Borophaginae) from the Orellan of Nebraska and its Implications for early Oligocene Dog Diversification [\[Abstract\]](#)

3:20 - Spearing & Custer

Paleobiology of *Mesocyon temnodon*; a Preliminary Study [\[Abstract\]](#)

3:40 - Liggett

Using ARCGIS Online (AGOL) to Greatly Improve the Documentation of Paleontological Resources [\[Abstract\]](#)

----- Break

4:05 - McKellar & Cockx

Filling Gaps in the Amber Record and Adding Facets to Bonebed Palaeoecology: Late Cretaceous and Paleocene Amber Deposits from Western Canada [\[Abstract\]](#)

4:25 - Freimuth & Varricchio

Dissecting Dinosaur Pellets? Taphonomy of Modern Raptor and Carnivore Gastric Pellets Guides the Identification of Fossil Feeding Traces at Egg Mountain, a Dinosaur Nesting Site [\[Abstract\]](#)

4:45 - Bamforth

Log Jams and Juveniles: Unusual Deposits at the Cretaceous-Paleogene (K-Pg) Boundary in the Maastrichtian (66 Ma) Frenchman Formation of Saskatchewan, Canada [\[Abstract\]](#)

5:05 - Tanke

Evidence of Head-hunting, Selective Bone Sampling and Incomplete Collection of Major Late Cretaceous Dinosaur Skeletons in Southern Alberta, Canada: A Cautionary Note on True Specimen Completeness to Fieldworkers and Researchers Everywhere [\[Abstract\]](#)

----- Optional Evening Social At Phatphish Microbrewery And Pizza

Saturday & Sunday, September 14-15th

(Poster Presentations)

Posters can be put up on Saturday morning and remain up for the entire weekend. However, presenters must be present in front of their poster for the poster session, Sunday Sept. 15th, 1:30-2:20pm.

Hanks, Westgaard, & Hastings

A New Occurrence of a Shark Bitten Pterosaur Wing Bone And A Dromaeosaur Tooth From The Carlile Shale (Turonian) of Milbank, South Dakota [\[Abstract\]](#)

Laframboise

Scavengers, Predators and Dinosaurs of the Bearpaw Formation (Belly River Group) of Alberta [\[Abstract\]](#)

Chavarría-Arellano, Montellano-Ballesteros, & Gardner

Lissamphibians and Squamates from the Upper Cretaceous (upper Campanian) El Gallo formation of Baja California, Mexico [\[Abstract\]](#)

Noto, Peterson, & Acosta

Hydrodynamic Transport Potential of Modeled Turtle Shell in a Controlled Fluvial Setting: a Case Study in Experimental Taphonomy [\[Abstract\]](#)

Farke, Chai, Gerard, Graf, Huen, & Zhang

Newly Recognized Specimens from the White River Formation (Eocene/Oligocene) Represent Wyoming's Last Crocodyliforms [\[Abstract\]](#)

Ferguson & McGregor

Preliminary Results of the First Avian Eggs and Possible Clutches in the Bridger Formation, Wyoming [\[Abstract\]](#)

Ferguson

Preliminary Results of Possible in Situ Turtle Eggs in the Kaiparowits Formation, Grand Staircase-Escalante National Monument, Utah [\[Abstract\]](#)

Swisher

A New Ceratopsian Discovery in the Lance Formation (Late Cretaceous, Maastrichtian) of East Central Wyoming [\[Abstract\]](#)

Cochran-Bjerke, Price, Keenan, & Johnson

Accuracy of Measurements Collected from 3D Digital Models of Fossils [\[Abstract\]](#)

Aguilar-Pedrayes

Beaks and Teeth: An evolutionary example of negative correlation between traits? [\[Abstract\]](#)

Monday, September 16th

Optional ---- Field trip "Hell Creek and K-Pg boundary of North Dakota" (To be confirmed, see [main symposium page](#) for details)

Tuesday & Wednesday, September 17-18th

Optional ---- Field trip "Judith River and Hell Creek Formations of eastern Montana" (To be confirmed, see [main symposium page](#) for details)