

# APS Paleo 2023

## Mount Royal University

4825 Mount Royal Gate SW, Calgary, Alberta

Presented in conjunction with the Canadian Society of Petroleum Geologist Palaeontological Division and the Mount Royal University Department of Earth and Environmental Sciences.

Lectures and poster displays will take place on Saturday, March 18, 2023 from 9:00AM to 4:30PM. The workshops will be held on Sunday, March 19, 2023 from 9:00- 12:00 or 1:00-4:00.

### **Saturday events are free to the public**

There will be fossil displays and activities of interest to a wide audience including families. The Sunday workshops require pre-registration and a small fee.

### **Saturday, March 18 Speaker Schedule**

All talks will be held in the Jenkins Theatre, Main Building lower level of Mount Royal University

#### **Saturday, March 18 Presentations**

- 9:00 AM** Opening statements by **APS President Cory Gross** and Paleo 2023 instructions by **APS Program Coordinator Harold Whittaker**
- 9:15 AM** The “Rasetti Stone” and the tree of life—A phylogenetic perch for the enigmatic Stenothechoidea.  
**Dr. Paul Johnston, Mount Royal University**
- 10:15 AM** Coffee Break
- 10:30 AM** Triassic fossils from Southern Brazil.  
**Dr. Miriam Reichel-Bodner, Lifeways of Canada**
- 11:00 AM** New discoveries from Alberta reshape our understanding of tyrannosaur biology.  
**Jared Voris, University of Calgary**
- 11:30 AM** 2022 fieldwork and technical considerations on the future excavation and removal of a subadult hadrosaur with extensive skin impressions, Dinosaur Provincial Park, Alberta.  
**Darren Tanke, Royal Tyrrell Museum of Palaeontology**

**12:00 NOON** Lunch Break and Poster Displays

**1:00 PM** Mining for the ammonite gemstone in southern Alberta and some of the surprises along the way!

**John Issa, Korite International**

**1:30 PM** Mosasaur menus: Feeding ecology of Bearpaw Sea mosasaurs and other vertebrates.

**Dr. Femke Holwerda, Royal Tyrrell Museum of Palaeontology**

**2:00 PM** Poster session and coffee break

Poster presenters are requested to be with their posters.

**3:00 PM** The problem of protoceratids—the first horned artiodactyls.

**Dr. Jessica Theodor, University of Calgary**

**3:30 PM** Interdisciplinary records of extinction and exceptional fossil preservation in the Early Jurassic Ya Ha Tinda Lagerstätte from Alberta.

**Dr. Rowan C. Martindale, University of Texas, Austin**

**4:30 PM** Closing remarks for Paleo 2023.

**Harold Whittaker, APS Program Coordinator**

# Sunday, March 19 Workshops

## Title: Curation of Fossil Collections

**Date:** Sunday March 19, 2023

**Location:** Lab B213 at Mount Royal University

**Registration:** Please register by emailing [programs1@albertapaleo.org](mailto:programs1@albertapaleo.org) or register at one of the monthly meetings, or by mailing your cheque or money order to the Society's mailing address at P.O. Box 68024 Crowfoot PO, Calgary, Alberta, T3G 3N8. Specify morning, afternoon or either session. If we only have sufficient registration numbers to support one workshop, we will hold a morning session only. The registration fee is \$10. Pay via cash, cheque or *Interac* E-transfer to payee: [giftshop@albertapaleo.org](mailto:giftshop@albertapaleo.org). Make cheques payable to the Alberta Palaeontological Society.

9:00 am to 12:00 noon      OR      1:00 pm to 4:00 pm

**Presenter:** Wayne Braunberger is the Past President of the Alberta Palaeontological Society and a retired oil and gas geologist.

**Description:** In this workshop, participants will be immersed in the basics of curating a fossil collection. Participants will be introduced to

**Part 1:** Collecting and Recording Locality Data

**Part 2:** Curation Topics including:

- a) Accession Numbers/Numbering and Applying Numbers to Specimens
- b) Display and Storage Labels
- c) Cataloguing Specimens
- d) Specimen Storage

**Part 3: Cataloguing Your Fossil Collection by Computer.**

**Request:** Participants are recommended to bring a notepad and pen.

**Registration is limited to 20 participants in each session, so register early.**