

# **Paleo 2010**

## **Alberta Palaeontological Society 14<sup>th</sup> Annual Symposium**

Presented in conjunction with the C.S.P.G. Paleontological Division, Alberta Palaeontological Society and Mount Royal University Earth Sciences Department

Lectures and Poster displays (Saturday, March 13<sup>th</sup>, 2010, 8:30 AM - 5:15 PM)  
Workshops (Sunday March 14<sup>th</sup>, 2010, (9:00 AM- 4:00 PM))

### **Call for Posters and Abstracts**

The Alberta Palaeontological Society (APS) would like to invite you to provide a poster at our thirteenth annual palaeontological symposium. This symposium will showcase presentations from a mix of avocational and professional palaeontologists from all over Western Canada. We are interested in posters on topics associated with palaeontology. Specific invitations have been given to staff and students of western universities, natural history clubs, the Geological Survey of Canada, museums and members of the petroleum industry and the artists' community. The aim is to showcase palaeontology to the general public and foster closer relations between the APS and the above groups. The event is free to all participants. There is no fee to submit a poster and abstract.

We plan to encourage families to bring fossils to our identification booth. Advertising for the event will go out to news media, Canadian Society of Petroleum Geologists *Reservoir*, the internet, and various government facilities, museums, schools, etc.

### **The instructions for posters / displays**

A table and stand with a 4x8-foot poster board will be supplied to each presenter. Each presenter should bring stick pins or tape for attaching posters although we will try to have some on hand for those who forget. Those who have special requirements such as electricity to operate a display or a larger display area should identify these requirements upon submission of a request for space. Presenters are requested to provide an abstract as per instructions below. We request that poster presenters be set up by 8:15 AM the day of the event. During the day a poster session period will be specified, please be available at least during this time for discussion about your exhibit. The deadline for submission of request for poster space is February 1, 2010.

### **The Symposium**

The symposium is a two day event with lectures, poster and showcase displays on Saturday, March 13, 2010, and workshops on Sunday March 14, 2010. Saturday programs are free and open to the general public. No registration is required to attend the Saturday activities. Due to limited space, Sunday workshop participants will be required to register and pay a moderate fee for workshop manuals. The main events will be centred in the lower level hall at Mount Royal University.

## **Symposium Abstract Volume**

As in past years an attractive symposium abstract volume will be published. It will be sold at a price to cover publication costs. We request that speakers and poster presenters submit abstracts for the publication to the editor (see below). Abstracts can be 1-4 pages (with 1 being standard) in length although exceptions will be made for specific requests. Abstract contributors are encouraged to include photos and/or diagrams although it should be noted that the abstract volume will be printed in black and white. Documents will not be edited for content but may be reformatted to fit into the volume. Snail mail address (and email address if you wish) of the author should be included for insertion in the volume. Deadline for submission of abstracts for publication is February 15, 2010. Specific instructions and examples can be downloaded from our website [www.albertapaleo.org](http://www.albertapaleo.org).

## **Further Information**

Posters presentation:

Wayne Braunberger (403) 278-5154, [president@albertapaleo.org](mailto:president@albertapaleo.org)

Lecture program / general information:

Philip Benham (403) 691-3343, [programs@albertapaleo.org](mailto:programs@albertapaleo.org)

Abstract submissions:

Howard Allen (403) 862-3330, [editor@albertapaleo.org](mailto:editor@albertapaleo.org)

Workshops:

Mona Marsovsky, (403) 547-0182, [giftshop@albertapaleo.org](mailto:giftshop@albertapaleo.org)

General inquiries:

Philip Benham (403) 691-3343, [programs@albertapaleo.org](mailto:programs@albertapaleo.org)

## **About the Alberta Palaeontological Society**

The Alberta Palaeontological Society is a non-profit society whose purpose is to promote the science of palaeontology through study and education and make contributions to the science through discovery, collection, description, public education and preservation of material for study and posterity. The APS works with professionals at museums and universities to add to Alberta's palaeontological collections and preserve its heritage. Alberta Palaeontological Society meetings are generally held on the third Friday of the month in Room B108 of Mount Royal College, in Calgary.

Visit the APS website for confirmation of meeting times and speakers.

[www.albertapaleo.org](http://www.albertapaleo.org).

# Paleo 2010

Presented in conjunction with the CSPG Palaeontological Division  
and Mount Royal University Earth Sciences Department

Mount Royal University, 4825 Mount Royal Gate SW, Calgary, Alberta

Lectures and poster displays—Saturday, March 13, 2010, 8:30 AM to 5:15 PM  
Workshops—Sunday, March 14, 2010, 9:00 AM to 4:00 PM

Saturday events are free to the public  
Sunday workshops require registration and a minor fee

Saturday, March 13th speaker schedule  
All talks to be held in Jenkins Theatre, lower level of Mount Royal University

Speakers confirmed so far include (talk titles are tentative):

- |                         |   |
|-------------------------|---|
| <b>8:30 - 8:45 AM</b>   | Introduction by APS President <b>Wayne Braunberger</b>  |
| <b>8:45 - 9:15 AM</b>   | New Zealand's fossils: remnants of a lost continent. <b>Craig Dylke</b>   |
| <b>9:15 - 9:45 AM</b>   | Using high dynamic range imaging in vertebrate paleontology.<br><b>Danielle Fraser, Jordan Mallon, Rob Furr, and Jessica M. Theodor</b> , University of Calgary                           |
| <b>9:45 - 10:15 AM</b>  | The art, culture and science of Iniskims. <b>Lisa Bohach</b> , FMA Heritage   |
| <b>10:15 - 10:30 AM</b> | Coffee Break  |
| <b>10:30 - 11:00 AM</b> | Reconstruction of scows used in early paleontological research and a commemorative expedition planned for 2010. <b>Darren Tanke</b> , Royal Tyrrell Museum                                |
| <b>11:00 - 12:00 PM</b> | History, Mystery and Baywatch. Illustrating the animals of the Burgess Shale. <b>Marianne Collins</b> , ArtoFact  |
| <b>12:00 - 1:30 PM</b>  | Lunch break and Poster Session  |
| <b>1:30 - 2:00 PM</b>   | Changing the face of tyrannosaur rear ends: tail muscle reconstruction in theropod dinosaurs. <b>Scott Persons</b> , University of Alberta  |
| <b>2:00 - 2:30 PM</b>   | Cranial endocast of the Jurassic theropod <i>Sinraptor dongi</i> Currie & Zhao. <b>Ariana Carabajal</b> , Museo Carmen Funes, Argentina, and <b>Philip Currie</b> , University of Alberta |

- 2:30 - 3:00 PM** My ankylosaur is a big dumb tank! Ankylosaur reconstructions in the scientific literature and popular media. **Victoria Arbour, Mike Burns**, University of Alberta
- 3:00 - 4:00 PM** Dinosaurs in science and art. **Philip Currie**, University of Alberta
- 4:00 - 4:15 PM** Coffee Break
- 4:15 - 5:15 PM** Dinosaurs of the lost continent of Laramidia. **Scott Sampson**, Utah Museum of Natural History, University of Utah. (Book signing afterwards)
- 5:15 PM** Finish

## Workshops

Two workshops are offered on March 14<sup>th</sup>, 2010. Both will be held at Mount Royal University, Room B213.

### Workshop 1

**Sunday, March 14, 2010, 9:00 AM to 12:00 PM.** Cost: \$15.00 per person. Topic: *Permian Vertebrate Fossils from North Central Texas*, presented by **Jason Anderson**, University of Calgary.

This workshop will cover the faunas typical for the classic Permian localities of northern Texas. There will be a brief introduction to the history of collecting in the Permian of Texas. This will be followed by a survey of the most common fossils found. Small collections of fossils from a few localities will be provided for workshop participants to examine and identify. Screen washed sediments may also be available for participants to examine for fossil remains.

Jason Anderson is a paleontologist and Assistant Professor with the Faculty of Veterinary Medicine at the University of Calgary. He is an Associate Editor of the *Journal of Paleontology*, coeditor of *Major Transitions in Vertebrate Evolution* (with Hans-Dieter Sues), and a contributing author to *Prehistoric Life*, *The McGraw-Hill Yearbook of Science and Technology 2009*, and the *McGraw-Hill Encyclopedia of Science*, 10th Edition. He is the author of over 30 articles on the early evolution of Paleozoic tetrapods.

### Workshop 2

**Sunday, March 14, 2010, 1:00 AM to 4:00 PM.** Cost: \$25.00 per person which covers the cost of materials. Topic: *Make-a-Saurus*, presented by **Brian Cooley**.

Using a variety of simple materials and methods, participants will learn how to make their own dinosaur which they will be able to take home at the end of the workshop. Children should wear clothes that they don't mind getting dirty.

Brian Cooley has been making sculptures of dinosaurs for over twenty-five years. His

sculptures may be seen in museums all over the world, most notably the Royal Tyrrell Museum of Palaeontology in Drumheller, Alberta. He and his wife, Mary Ann Wilson, are co-authors of the children's book *Make-a-Saurus*.

To register for workshops, contact Mona Marsovsky at (403) 547-0182 or email [monahome@telus.net](mailto:monahome@telus.net). **Registration deadline is March 1, 2010.** Cheques should be made payable to Alberta Palaeontological Society. Payment may be handed to Mona or mailed to the Society's mailing address at P.O. Box 35111 Sarcee Postal Outlet, Calgary, Alberta, T3E 7C7

## Some Helpful Hints

### Definition:

A poster is a visual medium to express results of one's research work on a topic she or he has chosen to study or to provide an overview of a researched topic.

### Who should do a poster?

Anyone who has an interest in sharing the work that she or he has done and who likes feedback from the audience (or attendees) on the work should consider doing a poster.

### What should be considered for a poster?

Any topic that ties in with palaeontology can be considered for a poster.

### Why posters?

Oral or written presentations are mechanisms to convey past and recent developments in a field of study that is essential to the investigator. An effective written presentation is a poster presentation.

### What is a poster?

A poster is something that you pin up on a board. The dimension of a poster can vary. It can consist of individual letter size sheets to as large as 1.2 meters x 2.4 meters. It contains text and figures relevant to one's work. It follows the same pattern as any scientific article that appears in a journal.

One typical format:

- ◆ Title, Author(s), Affiliation
- ◆ Summary
- ◆ Introduction – Reasons behind the work
- ◆ General information
- ◆ Geographical location where the fossils were found
- ◆ Description and interpretation
- ◆ Conclusions
- ◆ References

Dedicate a box to each one of the above categories. Within the box, include the text and figures relevant to that category. Number the boxes in such a way that the reader can follow from one box to the other in a sequence the presenter wishes.

The structure of the above framework may change from topic to topic.

### How does one make a poster?

A few years ago, posters were made with primitive tools and extensive drafting (great deal of manual labour). Today, with powerful graphics and word processing tools, a poster can be made entirely using a computer. But remember, you don't have to have a computer to do a poster!

### How should the poster look?

The poster is typically viewed from 1 to 2 meters away, therefore the letter (or font) size must be large enough that the text can be easily read. Also, figures should be reasonably large. Think about when the eye doctor wants you to read off his letter chart from a distance. Adding colours makes a difference to the poster, and can in fact lure attendees to your poster or drive them away.

**Have fun!**