

Brandon University
Department of Geology
APEGM Geoscience Gallery
Unveiled at Open House
January 26, 2011



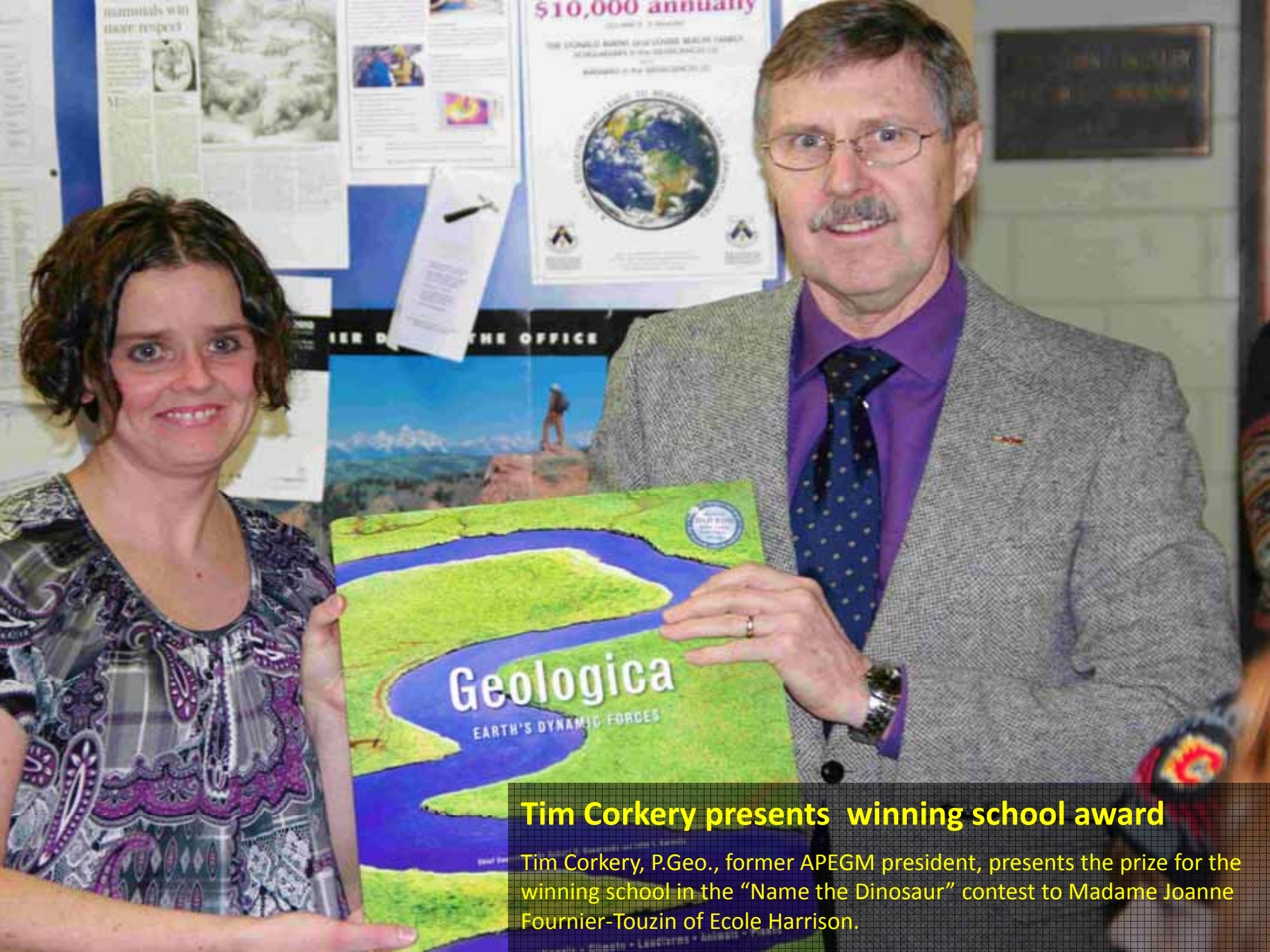
Students view the new APEGM Geoscience Gallery

More than 170 Grade 2 to 6 students, who explored the Brandon University Geology and Physics Departments, cap off an afternoon of activities by visiting the new home of "Jerome the Dromaeosaurus".



Dr. Hamid Mumin welcomes students

Dr. Mumin of the Brandon University Geology Department welcomes elementary students from Earl Oxford School, Ecole New Era, George Fitton School and Ecole Harrison to the awards presentation for the "Name the Dinosaur" contest.



Tim Corkery presents winning school award

Tim Corkery, P.Geo., former APEGM president, presents the prize for the winning school in the "Name the Dinosaur" contest to Madame Joanne Fournier-Touzin of Ecole Harrison.



Dr. Poff presents winning class award

Deborah Poff, President & Vice-Chancellor of Brandon University, presents the "Petrified Wood" plaque to Madame Fournier-Touzin, teacher of the winning class in the "Name the Dinosaur" contest.



Dr. Gulliver presents prize to contest winner

Dr. Austin Gulliver, Dean of Science, presents a “Rock, Mineral, Fossil, Gem Kit” to Sydney Manko, winning student of the “Name the Dinosaur” contest for her entry “**Jerome the Dromaeosaurus**”.



Dr. Poff
Geology

BRANDON UNIVERSITY
DEPARTMENT OF GEOLOGY
A NEW PERSPECTIVE ON THE EARTH AND ITS HISTORY
510,000 annually
The Geology Society of Canada
MEMBER OF THE SOCIETY OF PROFESSIONAL ENGINEERS AND GEOSCIENTISTS OF CANADA

Brandon University
Honoring a leader
In Recognition of
The Association of Professional Engineers and Geoscientists of Manitoba
in support of the
APEGM Geoscience Gallery
Grand Opening January 26, 2011



Dr. Poff presents APEGM with plaque

Dr. Deborah Poff presents Tim Corkery and Grant Koropatnick with a plaque expressing Brandon University's appreciation for the funding from the APEGM Foundation for the new APEGM Geoscience Gallery.



Grant Koropatnick brings greetings from APEGM

On behalf of the Association and the APEGM Foundation Board, APEGM Executive Director Grant Koropatnick brought greetings to the Brandon University Department of Geology , its staff and students.



APEGM provides funding for geology students

Student Jessica Dutka happily receives an APEGM cheque in support of Geology student activities at Brandon University. Alireza Somarin and Hamid Mumin of the Geology Department look on.



APEGM representatives meet Geology students

Grant Koropatnick and Tim Corkery meet with geology students after the presentations.

APEGM **GEOSCIENCE GALLERY**
ASSOCIATION OF PROFESSIONAL ENGINEERS AND GEOSCIENTISTS OF THE PROVINCE OF MANITOBA



STATION 3
LAPIDARY

**Dr. Mumin by right-wing of
the new Geoscience Gallery**



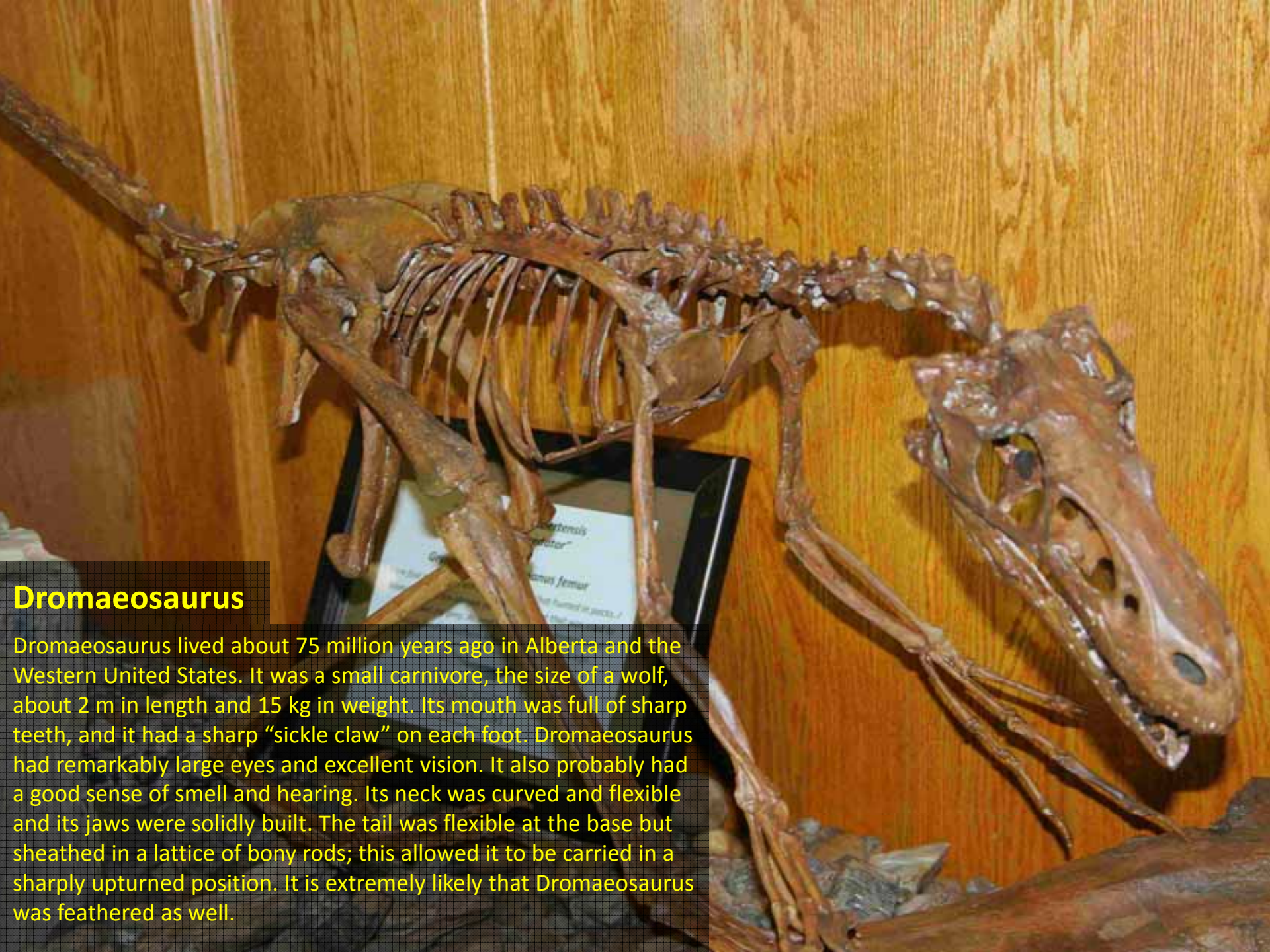
APEGM **GEOSCIENCE GALLERY**
ASSOCIATION OF PROFESSIONAL ENGINEERS AND GEOLOGISTS OF THE PROVINCE OF MANITOBA

Left-wing of the new APEGM Geoscience Gallery



Jerome the Dromaeosaurus in his new home

After sifting through more than 100 entries submitted by Kindergarten to Grade 6 students from many Manitoba communities, a panel of five judges decided upon “Jerome”, the name submitted by Ecole Harrison Grade 2 student Sydney Manko.



Dromaeosaurus

Dromaeosaurus lived about 75 million years ago in Alberta and the Western United States. It was a small carnivore, the size of a wolf, about 2 m in length and 15 kg in weight. Its mouth was full of sharp teeth, and it had a sharp "sickle claw" on each foot. Dromaeosaurus had remarkably large eyes and excellent vision. It also probably had a good sense of smell and hearing. Its neck was curved and flexible and its jaws were solidly built. The tail was flexible at the base but sheathed in a lattice of bony rods; this allowed it to be carried in a sharply upturned position. It is extremely likely that Dromaeosaurus was feathered as well.

Dromaeosaurus Albertensis
"A Raptorial Predator"
with a
***Gryposaurus incurvimanus* femur**

I am fast and agile. I am a dinosaur that that hunted in packs. I have a large sickle-shaped claw on each foot that was used to disembowel my prey. At least three different dromaeosaur species lived in southern Alberta 75 million years ago.



Royal Tyrrell Museum provides Dromaeosaurus

The Royal Tyrrell Museum has provided a museum-quality skeleton of a Dromaeosaurus and a large Hadrosaur femur upon which it appears the Dromaeosaurus is feasting. <http://www.tyrrellmuseum.com/>

Upper-left wing of the new geoscience display





Lower-left wing of new geoscience display

Upper-right wing of the new geoscience display





Lower-right wing of the new geoscience display

The Canadian Fossil Discovery Centre has provided items for the new display – actual jaw bones of the world’s largest invertebrate fossil nicknamed “Bruce”. <http://www.discoverfossils.com/>



Agate
Small



Cambopallias Telesto
Cambrian Trilobite, Minnesota

Specimens in new geoscience display



Dr. Simon Pattison conducts geology lab

Dr. Simon Pattison, Geology Department Chair, greets APEGM visitors. Students are examining samples of sandstone to become familiar with the differences between oil-bearing and non-oil-bearing formations.



Scanning Electron Microscope Lab

The APEGM visitors concluded their tour of the Brandon University Geology Department with a visit to the Electron Microscope Lab.