



The Rock Record – December, 2014

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Dan Kohlruss

Please contribute to the SGS Newsletter

The SGS Newsletter is produced by the SGS executive. Letters, announcements, notices, comments, photos, news and information about SGS members, etc. are always welcome. Call an executive member or write to us at:

Saskatchewan Geological Society

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SGS e-mail address:

info@sgshome.ca

SGS Website:

www.sgshome.ca

All advertising inquiries should be directed to **Dan Kohlruss**

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Saskatchewan Geological Society Luncheon Meetings

Fall, 2014

Saskatchewan Geological Society Talk

Wednesday December 10th

John Fahlman, Saskatchewan Water Security Agency

Landscape, Hydrology and Weather – A look at some recent flood events in Saskatchewan

Ramada Hotel, 1818 Victoria Avenue, Regina Pine Room, 3rd Floor

Lunch: 11:45 a.m.

Meeting talk: 12:15-1:00 p.m.

For lunch the cost is:

Members: \$15.00

Student Members: \$5.00

Non-Members: \$20.00

For those not having lunch the talk is free

2014 SASKATCHEWAN GEOLOGICAL OPEN HOUSE: RECAP

The annual Saskatchewan Geological Open House is co-organized and hosted by the Saskatchewan Geological Society and the Saskatchewan Geological Survey, part of the Government of Saskatchewan's Ministry of the Economy. Over 750 people attended the event, which was held at Saskatoon's Delta Bessborough hotel from December 1-3, 2014. The meeting opened with a fully subscribed (50 attendees) Short Course called Hydrothermal Alteration Mapping that demonstrated how to identify metasomatic assemblages and how they can be mapped in three dimensions. Four technical sessions contained a good blend of scientific observations pertaining mainly to mineral exploration in Saskatchewan and a selection of updates on mineral exploration projects.

The Saskatchewan Geological Society hosts two events at the Open House: the Open House Student Poster Contest; and a Public Lecture. In total, 24 students participated in the poster contest with 16 in the graduate student category (Lazlo Fuzesy Award) and 8 in undergraduate category (President's Award). Winner of the Lazlo Fuzesy Award was Erin Adlakha from the University of Ottawa (*The occurrence and chemistry of tourmaline associated with the McArthur River uranium deposit: implication for the nature of ore-forming fluids*). Second place in the graduate student category was Sara Worsham from the University of Saskatchewan (*Using a novel magnesium isotope tracer to investigate the dolomitization of Upper Ordovician strata in the Williston Basin*). The three judges for this category were Dr. Camille Partin (University of Saskatchewan), Dr. Jeanette Roelofsen (University of Regina) and Brian McEwen (Consulting Geologist). The winner of President's Award was Sean Hillacre from the University of Saskatchewan (*Preliminary stereonet interpretation and structural analysis of the Arrow uranium discovery, Athabasca Basin, Saskatchewan*). The judge for this category was Dr. Kate MacLachlan (APEGS).

The speaker for this year's Public Lecture was Dr. Nizar Ibrahim, a paleontologist from the University of Chicago. Over 150 people were present for "T. rex – the hunt for the largest predatory dinosaur" a fascinating story about the discovery and loss of the world's only Spinosaurus skeleton and the discovery and construction of a new skeleton. Dr. Ibrahim's research has led to the conclusion that this large predator was semi-aquatic, preying mostly on the large fish species present in the Cretaceous river systems of north Africa. Anyone interested in this story can read about it on National Geographic's website <http://ngm.nationalgeographic.com/2014/10/spinosaurus/mueller-text> or watch a program on this discovery on PBS' Nova <http://www.pbs.org/wgbh/nova/nature/bigger-than-t-rex.html>. Dr. Ibrahim's visit to Saskatoon was also profiled by local news agencies. <http://www.leaderpost.com/Scientist+tells+search+spinosaurus/10435707/story.html> <http://www.cbc.ca/news/canada/saskatoon/dr-nizar-ibrahim-who-discovered-spinosaurus-visiting-saskatoon-1.2856705>

ANNOUNCEMENTS AND EVENTS

Call for new executive members

The end of the SGS fiscal year is fast approaching and it is time now to start thinking about nominations or volunteers for the 2015 executive. Positions that need to be filled at the Annual General Meeting on February 7, 2015 are President, Vice-President, Secretary, Treasurer, Business Manager, Program Chairperson, and Assistant Program Chairperson. Nominations should be made by email to the President of the Society and head of the nominating committee, [Colin Card](#), by 5 pm January 3, 2015. We have nominations for several positions already, but are still looking for ‘volunteers’ for the role of vice-president and business manager.

Luncheon Talk Speakers

If anyone has any ideas for luncheon speakers please contact Murray Rogers (murray.rogers@gov.sk.ca) or Jason Cosford (cosford@jdmollard.com).

SGS Merchandise

The SGS has a variety of reasonably-priced merchandise, mainly clothing, that is posted on the website: www.sgshome.ca for viewing. This includes seasonal items such as very nice golf shirts, t-shirts, and hats.

SASKATCHEWAN GEOLOGICAL SOCIETY TALKS: 2015 WINTER-SPRING SESSION

Jean Bedard: GAC Howard Street Robinson Lecturer; January 22nd (Archean continental drift)

Barry Katz – AAPG speaker; January 23rd (Petroleum)

Ali Polat – GAC W.W. Hutchison Medal Lecturer; March 13th (Archean west Greenland)

Andrew Cohen – March 19th or 20th (African lake sediment coring)

Cathy Busby – AAPG speaker, April 1st (Oceanic arcs)

Taury Smith – AAPG speaker; April 17th (Petroleum)

Titles and Abstracts to follow.

Membership

SGS membership is on a calendar year basis---Please renew your membership for 2015 if you have not already done so. The best way is by visiting on-line at www.sgshome.ca.