

SEG International Exchange Lecturer

Dr. Graham Begg



Presents two talks on Friday,
October 16, 2009



The Lithosphere, Geodynamics and Metallogeny

Embraces the latest concepts relating to the architecture, composition, age and history of the lithospheric mantle, and its role in the of the genesis of ore deposits. Suitable for undergraduates through to experienced geoscientists.

Coffee at 10am; Presentation at 10:30am
MDRU Resource Centre
EOS Main Building Room 202, 6339 Stores Road
The University of British Columbia, Vancouver

Gold & Copper Deposits: Geodynamic and Lithosphere-scale Controls

Explores the interplay between the dynamics of arc systems, mantle magmatism, lithospheric setting and the development of gold and copper ore systems. Suitable for undergraduates through to experienced geoscientists.

Coffee at 3:15 pm; Presentation at 3:30 pm
SFU Harbour Centre, Room 1315
515 West Hastings Street, Vancouver

*Please RSVP to Arne Toma to confirm attendance
(atoma@eos.ubc.ca or 604.822.3756)*

Dr. Graham Begg has been a geologist in the minerals industry for 23 years. A geology graduate of Melbourne University in 1984, he completed a Ph.D. on epithermal gold systems at Monash University in 1996. Most of his career has been with the former WMC Ltd and then with BHP Billiton Ltd, and has included a variety of mine and exploration roles around the globe, mostly focused on gold, copper, nickel, and diamonds. Beginning in 2002 he was responsible for global targeting frameworks relevant to a variety of commodities. For the past 6 years he has also been a principal investigator in a major industry (WMC/BHPB)-academia collaborative research project with the GEMOC group at Macquarie University, Sydney. This project aims to create the first detailed map of the continental mantle lithosphere, to facilitate a breakthrough in minerals greenfields project generation. He has recently formed his own consulting company, Minerals Targeting International, based in Perth.

MDRU



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Mineral Deposit Research Unit & Geoscience BC*



SEG Distinguished Lecturer

Dr. Jonathan Hronsky



Presents two talks on Friday,
October 23, 2009



Self-Organized Systems and Ore Formation: The Key to Spatially-Predictive Targeting?

Coffee at 10am; Presentation at 10:30am
MDRU Resource Centre
EOS Main Building Room 202, 6339 Stores Road
The University of British Columbia, Vancouver

Towards a Unified Model for Magmatic-Hydrothermal Gold Metallogeny with Implications for Orogenic Gold

Coffee at 3:00 pm; Presentation at 3:30 pm
SFU Harbour Centre, Room 2270
515 West Hastings Street, Vancouver

*Please RSVP to Arne Toma to confirm attendance
(atoma@eos.ubc.ca or 604.822.3756)*

Dr. Jon Hronsky is currently a principal of Western Mining Services, a consultancy group with offices in Perth and Denver, which provides services to the global mineral exploration industry. Jon is also chairman of the board for the Centre for Exploration Targeting, an industry-focused research group based at the University of Western Australia and Curtin University in Perth. In addition, Jon is a director of Encounter Resources, a Western Australia-focused uranium and base metals junior explorer. Prior to his current role, Jon was manager of Strategy and Project Generation for BHP Billiton's global mineral exploration group, and before that was Global Geoscience Leader for WMC Resources.

Jon graduated from the Kalgoorlie School of Mines with a degree in mining geology in 1983 and then joined WMC Resources. He completed his Ph.D. at UWA in 1992 (supervised by Prof. David Groves) on the topic of ore-shoot controls at the Lancefield gold mine. Subsequently, his career focus has been the interface between innovative geoscience R&D and pragmatic exploration business outcomes, particularly related to exploration targeting. In this context, he has been particularly interested in the relationship between large-scale lithospheric architecture and the location of giant mineral deposits. His application of these concepts led to the discovery of the West Musgrave NiS province in WA. Jon was awarded the Gibb Maitland Medal in 2005, the highest award of the WA Division of the Geological Society of Australia.



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