

## CMMF WILL HELP SECURE FUNDS TO ENSURE A LONG FUTURE FOR M4S

**M4S** MINING  
FOR SOCIETY  
MINING / MINERALS / METALS / MATERIALS

CMMF has supported M4S since its inception in 2005. During the past four years, it has been working closely with M4S to create educational materials

and to provide information about the mineral industry to young students that will complement the M4S experience (see Signature Mineral Card Project on this page).

M4S is an educational show that provides the mineral industry, schools and not-for-profit organizations with a vehicle to inform students about the industry. M4S is also intended to increase knowledge of the entire mining cycle and to demonstrate the benefits of minerals in our daily lives.

Since 2005, two generations of young people have visited M4S and have acquired a better understanding of minerals and their important role in our society. School buses are booked well in advance to bring students to this educational outing, while teachers receive kits with posters, mineral cards, samples and information to take back to the classroom to continue the learning experience. By positively informing these young visitors – some of tomorrow's leaders – M4S has played a valuable role in promoting the industry.

CMMF is proud to have been a part of it and would like to



support this program even more. Education is the key to informed thinking! By enhancing its support of M4S, the Foundation wishes to ensure a long life for M4S so that mineral industry.

CMMF has also collaborated with M4S to create a special edition of this educational show to deliver to remote regions, including First Nations communities (please refer to the article on p. 3 of this issue). This special adapted show is designed to help demystify regional mining projects and bring together communities and industry, and has been well-received and appreciated by schools and members of the communities where it has been presented.

In addition to M4S, CMMF continues to support educational programs such as Mining Matters, MineralsEd (the mineral resources education program of British Columbia), and the Distinguished Lecturers Program, as well as offers scholarships for students enrolled in a mining program.

## SIGNATURE MINERAL CARD PROJECT IS GENERATING NEW EDUCATIONAL PRODUCTS!

In addition to the online mineral card project ([www.cmmf72.org](http://www.cmmf72.org)), CMMF is now producing:

- 11x17 posters for classroom and science group use
- decks of playing cards with suits by mineral groups (e.g., hearts are oxides)
- a unique mineral bingo game for classroom and science camp use
- 30x36 posters, enlargements of mineral cards to display at conventions and educational fairs
- ATV/Sportscar poster showing different parts of the vehicles and the corresponding mineral used in its fabrication

These items are created to support M4S educational fairs. They are being distributed by sponsors and project partners, as well as at educational fairs, including CIM's M4S, and others by special request. There are currently over 400 cards online in seven languages: English, French, Inuktitut, Innu, Naskapi and, to date, two for international communities affiliated with CIM – Spanish (South American) and Arabic (Western Africa).





# CMMF BOARD OF TRUSTEES

## Welcome to

**Sean Waller, P.Eng.,** who joins the Board of Trustees of CMMF and who will also become the President of CIM in May 2014.



## Congratulations to

**John Amirault, P.Eng., FCIM,** who was appointed to the Finance Committee.



## Thank you to

**Dr. George Poling, FCIM,** who is retiring as a member of the Board of Trustees for CMMF. Dr. Poling has served as a valued member of the Board of CMMF since 2004.



These appointments were proposed and adopted at the Toronto 2013 AGM in May.

## Our Giving Campaign 2013 is well underway!



**If you have already sent us your contribution, please accept our heartfelt thanks. We hope that you will respond generously and continue to help us support educational programs and promote the mining and metallurgy industry through CMMF!**

The Canadian Mining and Metallurgical Foundation (CMMF) was established in 1972 as a charitable foundation "to create and support a strong program of educational and charitable activities directed towards improving the contribution of the Canadian minerals industry to the progress and well-being of Canada."

Although a separate legal entity from the Canadian Institute of Mining, Metallurgy and Petroleum (CIM), CMMF was established and continues to be funded by CIM individual members.

## CMMF JOINS M4S AND CIM TO SUPPORT CANADORE COLLEGE RECRUITMENT INITIATIVE

Canadore College has initiated a unique three-year summer recruitment strategy to help motivate students to join its programs. Canadore's Skilled Trades Mobile Recruiting Unit is travelling across Ontario, including to remote regions, to spread interest in mining and related industries, especially given the number of employment opportunities in these fields.



The transport trailer is equipped with a virtual welder, a power diagnostics display and much more to enable participants to experience these trades first-hand. Canadore College hopes to stimulate an interest in trades that are urgently in need of people, including those in the mining industry.

CIM and M4S were invited to provide promotional material, and CMMF gladly joined in, supplying scholarship information as well as educational material about minerals to help initiate younger students to the fascinating world of geology and earth sciences.

CMMF would be delighted to provide material for other similar initiatives across Canada!

## CMMF PARTICIPATES IN EDUCATIONAL AND MINING SECTOR EVENTS

During 2013, CMMF was active in promoting information about scholarships, mining and minerals at the following educational events:

- Aboriginal Science Fair, Kuujuaq, Nunavik, March 18-21
- Earth Day, Quebec City, Québec, April 20
- M4S, Toronto, Ontario, May 2-4
- M4S, Schefferville, Québec, October 8-10
- M4S, Québec Mines, Quebec City, November 11-14

It participated in the following mining sector events:

- CIM Annual Conference, Toronto, Ontario, May 5-8
- ISARC Conference, Montreal, Québec, August 11-14
- Québec Mines, Quebec City, November 15

CMMF provided educational material about minerals through:

- Teacher information presentations, Quebec City, September 13 (via M4S)
- M4S, Kamloops, British Columbia, September 29-October 1

## UPCOMING EVENTS FOR 2014 (TO DATE)

- CIM Annual Conference, Vancouver, British Columbia, May 11-14
- MEMO, Sept-Îles, Québec, September 10-13
- Québec Mines, Québec City, November



Students visiting the CMMF booth at Québec Mines, Quebec City, November 2012



First Nations students in Schefferville trying their hand at Caterpillar simulators

## CMMF AND M4S OFFERS ITS EXPERTISE IN ARCTIC AND SUB-ARCTIC COMMUNITIES

Partnering with school boards, organizations and companies in Arctic communities, CMMF and M4S have been offering their expertise by organizing mini-M4S educational fairs in remote communities. These fairs are tailored to the region and are intended to help initiate native students and residents to mining projects and career opportunities. This unique approach connects the members of the community directly to mining companies and their projects while showcasing the benefits that the industry has to offer. Deborah Smith-Sauvé, CMMF manager, draws on her past experience working with native communities and with schools, and Lucie Vincent, Coordinator of the M4S project, who has already organized over seven major M4S education shows. In 2013, Deborah and Lucie have travelled to Kuujuaq, Nunavik – at the invitation of the Kativik School Board, and to Schefferville, Québec, by invitation from New Millennium Iron and Tata Steel – to present M4S to the Naskapi and Innu communities. These visits have been so successful that there are already plans to return to Nunavik, the home of so many future mining projects.

## THANK YOU TO:



TATA STEEL MINERALS CANADA



# The Mining Industry Wants YOU



Do you want a scholarship?

## CMMF SCHOLARSHIPS

Over the years, CMMF has awarded valued scholarships for studies ranging from engineering to underground mining to geology. Many of the scholarship recipients have graduated and are now contributing to their professions as leaders in the mining industry.

The recent recipients of CMMF scholarships are:

### Winter 2012

#### MCINTOSH SCHOLARSHIPS

JONATHAN AUBERTIN, Boucherville, Québec (McGill University)  
SAMUEL BEAUDETTE, Montreal, Québec (École Polytechnique de Montréal)  
SIMON FONTAINE, Quebec, Québec (Université Laval)  
JENNIFER TAYLOR, Toronto, Ontario (Queen's University)  
JACOB WILLIAMS, Montreal, Québec (McGill University)  
ALEX CÔTÉ GAGNÉ, Senneterre, Québec (Cégep de l'Abitibi)

#### TAKING FLIGHT SCHOLARSHIPS

BENJAMIN BLAIS, Labelle, Québec (École Polytechnique de Montréal)  
SKYLAR SWYERS, Stephenville Crossing, Newfoundland (College of the North Atlantic)  
RONNIE CLARKE, Port Hope Simpson, Newfoundland (College of the North Atlantic)  
SIDNEY MAMAKWA, Wunnumin Lake, Ontario (Cambrian College)

#### LA BOURSE IRÈNE ET ARTHUR FOLEY FOR STUDENTS OF L'ÉCOLE POLYTECHNIQUE DE MONTRÉAL

GUILLAUME MORIN, Boucherville, Québec  
GHITA TOUZANI, Longueuil, Québec

### Spring 2013

#### CATERPILLAR AND ITS CANADIAN DEALERS SCHOLARSHIP

PIERRE-OLIVIER RICHARD, Quebec, Québec (Université Laval)

#### SCOTIABANK AND SCOTIA CAPITAL MARKETS SCHOLARSHIP

WILLIAM SMYTH, Oakville, Ontario (Queen's University)

### Winter 2013

The recipients of the McIntosh, Taking Flight, and Irene and Arthur Foley scholarships will be posted on the CMMF website ([www.cmmf72.org](http://www.cmmf72.org)) later this year and will be published in the next CMMF News.

## CMMF NEWS

This publication is intended to keep you informed about activities and events organized and/or supported by the Canadian Mining and Metallurgical Foundation. Contributors to this edition are: Serge Major, Amélie Rath, Deborah Smith-Sauvé, Marie-Sophie Stephan, and Flavio Tschopp.





## CATERPILLAR SCHOLARS LEAD THE WAY!

The Caterpillar and its Canadian Dealers Scholarship was created in 1998, during the CIM Centennial year, to provide a \$2,000 award annually to an outstanding undergraduate student in the field of mining engineering in Canada. Since its creation, 15 students have been awarded this scholarship and many of them have become leaders in the mining industry. These are some of the Caterpillar and its Canadian Dealers Scholarship success stories.

### Mathieu Gignac (1999)

Since profiling former Caterpillar and its Canadian Dealers Scholarship recipient Mathieu Gignac in our fall 2010 newsletter, Mathieu has moved back to Montreal, is a new father of twins and is now vice-president, projects, at G Mining Service. His new corporate profile includes that Mathieu has more than 12 years of experience in the mining industry. Prior to joining G Mining Services Inc., he worked as operations manager and mine manager for a South American open pit operation, which safely produced in excess of 400,000 ounces of gold annually while maintaining unit costs at industry-leading levels. He has proven leadership skills in managing large mining operations while driving production improvements, as well as mine/plant expansion projects. His responsibilities include providing project management expertise and leadership to mine development projects. Mathieu is a member of the l'Ordre des ingénieurs du Québec (OIQ) and the Canadian Institute of Mining, Metallurgy and Petroleum.



We are also pleased to provide you with updates on two more recipients who are contributing to the mining industry!



### Paul Lévesque (2001)

Paul Lévesque received the Caterpillar Inc. and its Canadian Dealers Scholarship in 2001 and graduated with a B.Eng. from Laurentian University in Sudbury, Ontario, in 2003. After graduation, he worked for four and a half years as a mining Engineer in Training (EIT) at Agrium, which is a leading global wholesaler and producer of major agricultural nutrients. The company sells over eight million tons of nitrogen, potash and phosphates annually. Paul then worked for four years as the senior engineer at both Dome (one year) and Hoyle Pond Mines (three years) followed by one year as the senior production engineer at Hoyle, where he was mainly involved in changing and upgrading the management operating system. Following that, he spent one year as the development general foreman responsible for the safe, efficient, sustainable development mine drifts (tunnels) at the mine. Recently, Paul accepted the role of senior production engineer, focusing on

continuous improvement opportunities at Hoyle Pond Mine. Goldcorp is the world's leading gold producer and operates 10 mines in Canada, the United States as well as in Central and South America.

Paul is married to Monique and the proud father of Isabelle (7) and Myriam (4½). He enjoys playing sports – hockey, baseball, golf – and the outdoors – fishing, hunting or simply a ride in the bush with the kids, enjoying a picnic in a remote area with the family.

### Jason Nickel (2003)

Jason Nickel was the 2003 recipient of the Caterpillar and its Canadian Dealers Scholarship and shortly thereafter, graduated with a B.A.Sc. in mining engineering from the University of British Columbia. He gained experience in engineering and operations roles at several companies – as a planner, foreman, chief engineer and mine manager at New Pacific Metals, becoming vice-president in 2011 while active with the Tagish Lake gold project. Along with fellow UBC engineering classmate Ben Mossman, Jason became a director and co-founder of Banks Island Gold Ltd., which became one of the top-ranked small cap TSX Venture Initial Public Offerings after being listed in 2011. At Banks Island Gold, he aims to help the company become one of Canada's next precious metal producers; it has PEA studies complete on both of its British Columbia projects, and excellent exploration potential on its Yellow Giant property and Red Mountain gold project under option from Seabridge. In 2012, Jason became a director of Cornerstone Metals Inc. He attributes a gainful career thus far to "continuous learning" from many great mentors in mining along the way, as well as technical and business training as an engineer with De Beers and Teck.

