

# CIME NEV

**FALL 2017. VOLUME 8 - NO. 1** 

#### AN EVENING TO CELEBRATE THE MINING INDUSTRY IN SASKATOON...



Photo by Keving Lasiuk

This event was sponsored by Stantec and Kal Tire with the support of Highland Park, Macallan and Laphroaig, Vins Phillippe Dandurand Wines and Black Bridge Brewery!

The CIM Foundation organized an evening to celebrate the Mining Industry which was held at Stantec on September 26th in conjunction with the 2017 MEMO conference. This event raised \$6.700 for educational projects and programs. These funds will be

shared with CIM to help fund their M4S educational fair. An edition of M4S was held during the conference and Saskatoon students and their educators were able to enjoy interactive presentations about the importance of mining in their daily lives.

The CIMF also provided The Saskatchewan Mining Association with mineral cards and mineral match panels for their hosting of M4S and for their educational programs throughout the year.

The Evening to Celebrate the Mining Industry included the tasting of six high end scotches presented by Ian Rambally of Beam Suntory, ambassador of Highland Park, Macallan and Laphroaig products. Guests were also able to enjoy a selection of fine wines and beers.

















### CIMFS' TREMENDOUS PARTNERSHIP WITH THE CLUB DE MINÉRALOGIE DE MONTRÉAL



This partnership has provided, free of charge to students, educators and members of the general public, over 400 information cards about minerals, metals and meteorites as well as 10 mineral match panels and a mineral bingo game.

The CIM Foundation has been producing and offering mineral cards since 2011. This collection has grown to over 400 cards available online at www.cimfoundation.ca as well as educational mineral match panels and a mineral bingo game (which are available at cost price).







NEW MILLENNIUM



KGHM *Mosaic*. Jim and Laverne **Popowich** 











Patti Schafer







**MINE RAGLAN** GNIE GLENCORE

This project would never have been as successful without the important partnership of the Club de minéralogie de Montréal, and especially Roger Guay, Ph.D., who verifies the information on all of our cards before they are offered to the public. Region appropriate, printed Mineral cards are offered to CIM branches and societies for their educational events (contact dsauve@cim.org).

The CIM Foundation and the Club de minéralogie de Montréal have been collaborating on this project since its inception and we would like to gratefully acknowledge the support of the following sponsors:







































#### **CIMF CONTINUES TO RAISE FUNDS IN SILENT AUCTIONS**

In 2017, the CIM Foundation raised over \$22,000 by organizing silent auctions across Canada. Silent auctions were held at; the Canadian Mining Games (March, Toronto), CIM Annual Conference (May, Montreal), CIM Nova Scotia Society Annual Conference (June, Cape Breton), Montreal Branch Golf Tournament (September, Montreal), CIM MeMO Conference (Saskatoon, September) and the AEMQ – XPLOR Conference (October, Montreal). In addition to funding CIM Foundation educational activities, the Foundation also provided 50% of the revenues to each of the partnering organizations to help fund educational activities in their regions.

### **CIMF BOARD OF TRUSTEES Welcome to three new Trustees**

At the 2017 AGM in Montreal, the CIM Foundation members elected three new Trustees to its Board. The three new Trustees all have strong ties to CIM and are:



William Almdal, FCIM Foundation Trustee 2017-present CIM President, 1993-94 President, Almdal Consultants Ltd. Stony Plain, Alberta



Jo-Anne Boucher, P.Eng., MBA, FEC, Foundation Trustee, 2017-present CIM Vice President Central District Retired, former General Manager of BESTECH Sudbury, Ontario



Garth Kirkham, FCIM, PGeo., FGC Foundation Trustee, 2017-present CIM President 2015-16 President, Kirkham Geosystems Ltd. Vancouver, British Columbia

#### **CIM COMMITTEES AND MEMBERS**

Daniel Gagnon, FCIM (President)

# **Executive Committee** Kenny Cheong, MBA

Daniel Gagnon, FCIM (Chair) Dean Journeaux, FCIM

# **Nomination Committee**

Garth Kirkham, FCIM (Chair) Dean Journeaux, FCIM Sean Waller, FCIM

#### **Fundraising Committee**

William Almdal, FCIM Rene Dufour, FCIM (Trustee Emeritus) Daniel Gagnon, FCIM Dean Journeaux, FCIM (Chair) Garth Kirkham, FCIM Guy Tremblay (non Trustee) Sean Waller, FCIM

#### **Finance Committee**

Jo-Anne Boucher, MBA Kenny Cheong, MBA (Chair) Ken Chekerda (non Trustee) Daniel Gagnon, FCIM Christian West, MBA

#### **Scholarship Committee**

William Almdal, FCIM Edward Beswick (Chair) George Moubayed (non Trustee) Alexandre Binnette (non Trustee) Keith Vaanaren (non Trustee)

# IN MEMORIUM A generous bequest from Mr. Robert (Bob) Spencer, FCIM, P.Eng (1926 – 2017)



Robert Spencer, of Vernon, British Columbia, was a geologist by profession and served as a valued member of the CIM Foundation for 17 years - from 1993 to 2010. He was a supporter of CIM and the CIM Foundation bequeathing \$20,000 to the Foundation to support educational projects and programs. He first became a junior member of CIM in 1949 graduating to a regular membership in 1959. In 1988, he became a life member and was awarded a Fellowship (FCIM) in 1990, followed by a District Service Award in 1991.

Bob was a very proud alumnus of the University of Alberta, Faculty of Engineering 1948. After graduation he was hired by Consolidated Mining & Smelting Company of Canada (later Cominco and now Teck Resources) where he spent his entire

professional life. Bob's job took the family to many places in Canada but he was happy to make his final move to Vernon, his favourite place in British Columbia. Bob had lifelong interests in Canadian history, especially railways, stamp collecting, curling, and camping across Canada. He had special interest in the Britannia Mining Museum and The West Coast Railway Association in Squamish.

#### **Congratulations to Dean Journeaux**



Dean Journeaux, FCIM, CIM Foundation Trustee and Chair of the Fundraising Committee, was re-elected in June 2017 to the board of New Millennium Iron Corp. After many years in managing mine projects, in 2003, he co-founded New Millennium Iron. He was successively Chief Operating Officer, President and CEO, and Executive Vice Chairman, stepping down in 2015 as a Director. Deans' prime interest is promoting the participation in the mining industry of Aboriginal people as well as women. He is a strong advocate of equitable, fair, clean and safe mining of minerals, a fundamental building block of all life on earth.

#### The members of the CIM Foundation wish to thank ...



Patricia Dillon, FCIM who has completed her mandate as a member of the Board of Trustees of the CIM Foundation. Patricia also served on the Scholarship Committee.



Louise Michaud, Ph.D. who has also completed her mandate as a member of the Board of Trustees of the CIM Foundation. Louise also served as Chair of the Scholarship Committee.

The CIM Foundation members greatly appreciate their good work and dedication to students and the industry. For a list of past CIM Foundation trustees, please go to www.cimfoundation.ca, about CIMF and Past Trustees.

#### **Our Mission:**

To raise funds to use in various facets of informing and educating Canada's imminent and future workforce about mining by granting scholarships, by supporting the Distinguished Lecturers program, by providing educational material for regional workshops given by branches, societies and/or special interest groups affiliated with CIM, as well as contributing to other educational initiatives that support CIM's vision.

#### Our Vision:

To contribute so that Canada maintains its global leadership in mining by fostering the best-educated workforce with the knowledge and resources to develop new and increasingly sustainable mining technologies and to apply them in the most effective ways possible.

### **CIMF SCHOLARSHIPS**

# TESTIMONIALS FROM SOME RECIPIENTS

#### McIntosh

The McIntosh Scholarship is more than just money. For many students, including me, it represents a way of showing that efforts, perseverance, and determination can be rewarded. I want to express my sincere gratitude to the donors; this gift means a lot for the students that want to significantly contribute to the Canadian Mining Industry!

Anas Chazi, 3rd year mining engineering student,

McGill University

#### **Taking Flight**

Thank you for the 2016 Taking Flight Scholarship Award. I appreciated using the award funds to attend field school in Sutton, Quebec, with Queens University this year. It was great to get some hands on mapping experience and to be out in the field working with a team of people after completing my third year of classroom studies. While I am committed to learning all of the new subfields and technology to make mining efficient, safe and economically viable, the physical team work is rewarding and interesting to me. I may take a few more years to research some new ideas, and work through the summers in some form of practical geological work to pick up a second language before settling in a permanent home base. Respectfully yours,



Robert (Robby) Arundel, 3rd year geology student at Queens University

The CIM Foundation (CIMF) was established in 1972 as a charitable organization 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), CIMF was established by and continues to be funded by CIM members.

#### **CIMF NEWS**

This publication is intended to keep you informed about activities and events organized and/or supported by the CIM Foundation (CIMF).



Do you want a Scholarship?

#### **UPDATE: CIMF SCHOLARSHIP RECIPIENTS**

Over the years, the CIM Foundation 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 profession as leaders in the mining industry!

#### Winter 2016

### **McIntosh Scholarships**

MARIE-EVE CARON, Québec, QC (Université Laval)
ANAS CHAZI, Montréal, QC (McGill University)
VICTORIA HUGHES, Port Moody, BC (British Columbia IT-degree program)
NICHOLAS JONAS, Westmount, QC (McGill University)
CELESTE METHOT-RICHER, Lachute, QC (Université Laval)
BART WEC, Vancouver, BC (British Columbia IT)
GARY CHOW, Richmond, BC (British Columbia IT)
SHAYNA ALLARD-CODERRE, Val D'Or, QC (Cégep de l'Abitibi-Témiscamingue)

# **Taking Flight Scholarships**

ROBERT ARUNDEL, Kingston, ON (Queens University) COREY BROUILLETTE, Alban, ON (Collège Boréal)

# La Bourse Irène et Arthur Foley of l'École Polytechnique de Mtl

LOUIS BONHEUR NZUSSIN SOP, Montréal, QC ABDOUL KARIM BAH, Montréal, QC

# Spring 2017

# Caterpillar and its Canadian Dealers Scholarship (Mining Engineering)

NATHANIEL SMITH, Vancouver, BC (University of British Columbia)

# **Scotiabank Scholarship (Exploration Geology)**

PATRICK DESROSIERS, Kingston, ON (Queens University)

# Dr. David S. Robertson Scholarship (Geology)

ÉVELYNE SUNATORI, Québec, QC (Université Laval)

#### Winter 2017

The recipients of the McIntosh, Taking Flight, and the Irene and Arthur Foley Scholarships will be posted on the CIMF website (www.cimfoundation.ca) later this year and will be published in the next CIMF Newsletter.



# JIM HAUCK, RECIPIENT OF THE



This scholarship, awarded to a student in their 2nd year of Petroleum technology, played a pivotal part in my Personal life and career. I had a job offer as a Corrosion Technologist in Drayton Valley, but due to the company's self-imposed hiring freeze and/or company budget, the job offer was withdrawn a couple of months before graduation. So there I was barely 17 years old, newly minted with a Petroleum Technology diploma, in a tough economy, and no job.

James A. Hauck, P. Eng.

In fact my entire career and my subsequent personal life, were DIRECTLY as a result of receiving the 1979 CIM S.A.I.T. (Southern Alberta Institute of Technology) Petroleum Engineering Diploma Scholarship. Receiving this Scholarship put in place many subsequent 'falling domino' actions. The previous job offer was for another oil company, in another town, in a different field than I pursued, and more-importantly it would obviously have resulted in a totally different personal life. This award literally dictated my entire professional and personal life.

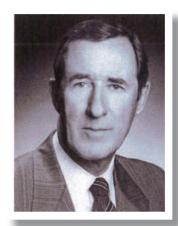
I received the scholarship at an award ceremony, combined with a CIM general meeting. At the meeting, I had the opportunity to meet with many senior leaders from many Calgary oil companies. I was actually offered a job by Clem Dumett of Union Oil (now Unocal) as a Completions Technologist. That job offer, directly related to the CIM Scholarship, literally changed my career/life. I went on to a lengthy career as a Petroleum Engineer (I returned to the University of Wyoming and obtained a BSc in Petroleum Engineering in 1982). I even had my own Petroleum Engineering Consulting business for about 10 years. We specialized in Wellbore Abandonments, Gas Migration detection and repair, Site Assessments, Due Diligence reports, Regulatory Issues, and Property Acquisition Consulting.

Unfortunately I was forced to retire, due to a disability, in 2001. I retired as Vice-President of IPS, a major International oil and gas services and engineering corporation.

As I look back fondly at my varied Petroleum Engineering career that I was fortunate enough to have, clearly, my entire career and my subsequent personal life, were A DIRECT RESULT of receiving the 1979 S.A.I.T. Petroleum Engineering Diploma Scholarship. I note that, incredibly, it all began with a young man winning a CIM Scholarship many years ago.

# 1979 CIM S.A.I.T. SCHOLARSHIP

# FRIENDS AND FAMILY CONTRIBUTE \$53,500 TO CREATE THE DR. DAVID S. ROBERTSON SCHOLARSHIP **FUND IN HIS MEMORY**



Dr. David S. Robertson, a giant of geology, was wellrespected geologist and CIM Past President (1993-1994). Born in Winnipeg, Manitoba, on March 3, 1924, David graduated from the University of Manitoba in 1946 with a degree in physical chemistry and geology and went on to receive his PhD in geology from Columbia University in 1949.

Dr. David S. Robertson

After graduating, he became an assistant professor at the University of Virginia. David moved to Sudbury, Ontario, in 1951 to run the geological research laboratory of Inco. Then in 1953, he moved to Angola and the Democratic Republic of Congo, where he was in charge of a post-WWII Marshall Plan mapping initiative. He returned to Canada in 1955 and joined the consulting firm GMX Corporation, of which he became the president in 1958. During his time with GMX, he led an exploration team that discovered numerous uranium deposits in Elliot Lake, Ontario.

In 1965, David founded David Robertson & Associates, a mining consulting practice based in Toronto with offices around the world. His firm became well-known for its work in uranium and potash.

David retired from the firm in 1987. For the next 20 years, he continued working as an independent consultant and served on the boards of junior and senior mining companies. He was the founding chairman of Ashton Mining of Canada and Meridian Gold.

David was a towering figure in the mining industry. In 2014, he was inducted into the Canadian Mining Hall of Fame. He was also particularly involved in CIM, serving as CIM President from 1993 to 1994 and eventually becoming a CIM Life Member. Dr. David Robertson passed away Oct. 27, 2016, in Toronto. His family and friends created the Dr. David S. Robertson Scholarship Fund to help fund students studying Geology. The first scholarship was awarded this fall to Évelyne Sunatori, a student from the city of Québec, attending Laval University.

