



# 2021 Annual Report

**APEGM Foundation Inc.**

## President's Message

In 2021, the Board welcomed one new director, Irene Mikawoz, and two new ex-officio members, Dr. Marcia Friesen, Dean of the Price Faculty of Engineering, and Allan Silk, President of Engineers Geoscientists Manitoba.

The Board bade farewell in August to Dr. Ganpat S. Lodha, founder of the (AFI) Bursaries for IEEQ Students endowment fund at the University of Manitoba. To honour Dr. Lodha's contributions to the work of the Foundation, the Board voted to re-name the fund to the Dr. Ganpat S. Lodha Bursaries for IEEQ Students. This process will not likely be completed until late 2022.

2021 saw the beginning of a far-ranging renewal process. Committees were struck to undertake the work of the Board, the number of regular meetings was increased, board terms were increased, policies that had been worked on were finalized, and work commenced on a new website.

In addition to the existing Policy Committee, the Board created a Risk Management Committee. The Committee undertook a risk management analysis which will be finalized with an action plan in 2022. A Finance Committee, Communications Committee, and Membership & Fund-raising Committee were also created, with work to commence in 2022.

To better sustain momentum, the number of regular board meetings was increased from four to six, in addition to the annual general meeting (AGM). The bylaw was changed to reflect the increase in director terms to two years; 2022/23 will be a transition year, with half the Board on one-year terms and the other half on two-year terms. Thereafter, half the Board will be eligible for re-election every AGM.

The Board committed to board training, to ensure that all directors have a common understanding of their obligations and responsibilities as part of a non-profit organization. The training will be scheduled to take place before the end of the operational year. The Board also committed to an administrative systems review in the fall of 2022. This review will ensure that the efforts we are making will be adequate to undertake the work of the Board going forward. A volunteer with a certificate in risk management has agreed to undertake this review.

The Board created certificates of service recognition for directors who have left the Board since 2019: M. G.

Britton, G. S. Lodha, and R. P. Hoemsen. The Board plans to continue this form of recognition.

The Board also committed \$50,000 to honour the contributions of Dr. Douglas Ruth to the profession of engineering.

My sincere thanks to all the board members for their valuable and enthusiastic contributions to the work of the Foundation in 2021.

Nirdosh Ganske, P.Eng.(SM)  
President, APEGM Foundation Inc.

If you have any questions about the Foundation please email: [Apegm.Foundation@mtsmail.ca](mailto:Apegm.Foundation@mtsmail.ca)

## Bursary Support for IEEQ Students at the Price Faculty of Engineering

In 2014, the APEGM Foundation provided \$100,000 to establish an endowment with the University of Manitoba to provide bursaries to support qualified students in the Faculty of Engineering's IEEQ (Internationally Educated Engineers Qualification) Program. The Manitoba Scholarship and Bursary Initiative provided a matching grant of \$100,000 in support of this endowed program.

As of March 31, 2021, this endowed bursary program had a market value of \$229,503.50. Since 2016, the program has provided a total of \$52,850 in bursary support to a total of 53 IEEQ students. In 2021 ten IEEQ students received a total of \$10,000 in bursaries from this APEGM Foundation established endowment.

### 2021 Board of Directors, APEGM Foundation Inc.

Nirdosh Ganske, P.Eng.(SM), President;  
Arnold H. Permut, P.Eng.(SM), Past-President;  
William C. Boyce, Treasurer;  
Trevor J. Cornell, P.Eng.(SM), Secretary;  
John (Jay) Doering, P.Eng.;  
David A.J. Ennis, P.Eng.(SM);  
Lawrence R. Ferchoff, P.Eng.(SM);  
Alan J. Pollard, P.Eng.(SM);  
Raymond P. Hoemsen, P.Eng.,  
Ganpat S. Lodha, P.Geo.(SM);  
Irene Mikawoz, P.Eng.;  
E.C. (Ric) Syme, P.Geo.(SM);  
Allan D. Silk, P.Eng. (Ex-officio);  
Dr. Marcia Friesen, P.Eng. (Ex-officio)

## The APEGM Foundation Remembers Dr. Douglas W. Ruth, P.Eng.

Dr. Douglas W. Ruth, Dean Emeritus of the University of Manitoba's Price Faculty of Engineering, died January 11, 2021 after a battle with cancer.



Doug was kind, accepting, encouraging, patient, funny and deeply committed in every one of the many roles he played in life. He was a true philosopher. He cherished his time with family. He saw the best in everyone and shaped the course of many lives. He was an inspiration. He loved rock and roll, building intricate decks, Egyptian history, and hieroglyphics. He loved to acquire knowledge.

Doug travelled the world to grow and expand the engineering profession. He was known and respected worldwide for both his expertise and his work with students and colleagues at all levels of training, first with the University of Calgary and then at the University of Manitoba. He believed that Engineers were the Enablers of Civilization.

Dr. Douglas Ruth [B.Sc. (1970), M.Sc. (1972), Ph.D. (1977), P.Eng.] served as the Dean of the Price Faculty of Engineering at the University of Manitoba from 1999 to 2010, overseeing the construction of the Engineering and Information Technology Complex and further expansion of the Faculty's programs and services. In addition to serving as Dean, Doug Ruth was a core faculty member for more than 30 years. He was Head of the Department of Mechanical Engineering and Associate Dean of Engineering for Design Education. Doug was the second of the University of Manitoba's three NSERC Chairs in Design Engineering and championed new concepts such as Engineers-in-Residence and industry-based design courses, both of which have seen tremendous success with students. He was honoured as Dean Emeritus and he officially retired from the Faculty at the end of December 2018.

With the passing of Dr. Doug Ruth, the former Dean of Engineering at the University of Manitoba, it was felt by the Board of the APEGM Foundation that his considerable contributions to the education of engineers and the overall profession in Manitoba should be recognized. To this end, the APEGM Foundation Inc. has made a gift of \$50,000 to the Price Faculty Strategic Initiatives Fund in memory of Dr. Douglas W. Ruth.

## Past Presidents' Book Project Donates Texts to UM Engineering Library

During the 2020 year, the coordinators of the Engineers Geoscientists Association's Past Presidents' Book Project arranged the purchase of 27 publications to be donated to the Engineering Library at the University of Manitoba in recognition of former presidents of the Association. These publications were paid for by funds donated to the APEGM Foundation Inc. by past-presidents of the Association. These publications, costing a total of \$4,725, will be available to engineering students for years to come.

In 2021, the Past Presidents' Committee solicited its members to raise additional funds to cover the shortfall of funds available for the 2020 purchase of books; and, to cover future library book purchases. This endeavour was facilitated by the new APEGM Foundation website (<https://apegmfdn.ca>) where individuals could make credit card donations to support the Book Project (<https://apegmfdn.ca/donations/>). This call for support raised \$1,550 to finance the ongoing operations of the Book Project Committee.

## APEGM Foundation Board Extends Thanks to Supporters

The APEGM Foundation would like to acknowledge and thank the following 2021 donors:

C.R. Bouskill	W.C. Boyce	M.G. Britton	D.G. Chapman	T.J. Cornell
F. Cross	J.R.C. Doering	D.A. Ennis	L. Ferchoff	N.P. Feschuk
R. Foster	N. Ganske	R.P. Hoemsen	J. Hosang	R.C. Isaak
R.A. Johnson	G. Laliberte	G.S. Lodha	L. McFarlane	I. Mikawoz
A. Ogale	A.H. Permut	A. Pollard	A.D. Silk	C.L. Stewart
E. C. Syme				

# Foundation Financial Statements for the Period Ending December 31, 2021

APEGM Foundation Inc.  
Income Statement from January 1, 2021 to December 31, 2021

REVENUE		EXPENSE	
<b>Revenue</b>		<b>General &amp; Administrative Expenses</b>	
Individual Engineering Donations	1,285.00	Bank Charges	99.60
Total Engineering Donations	1,285.00	Square Credit Card Charges	68.63
Individual Geoscience Donations	385.00	Depreciation	21.79
Total Geoscience Donations	385.00	Insurance	823.90
Individual Unrestricted Donations	410.00	Mailing Services	3.35
Total Unrestricted Donations	410.00	Meeting Expenses	224.00
Past Pres. Eng. Library Donations	1,550.00	Miscellaneous	40.00
<b>Total Donations</b>	<b>3,630.00</b>	Printing	0.42
		<b>Total General &amp; Admin. Expenses</b>	<b>1,281.69</b>
<b>Other Revenue</b>		<b>Foundation Donation Expenses</b>	
TWF - APEGM Foundation Fund Grants	9,416.67	U of M Engineering Projects	50,000.00
<b>Total Other Revenue</b>	<b>9,416.67</b>	The Winnipeg Foundation - Endowment	9,416.67
		<b>Total Donation Expenses</b>	<b>59,416.67</b>
<b>TOTAL REVENUE</b>	<b>13,046.67</b>	<b>TOTAL EXPENSE</b>	<b>60,698.36</b>
		<b>SURPLUS (DEFICIT)</b>	<b>(47,651.69)</b>

APEGM Foundation Inc.  
Balance Sheet As At December 31, 2021

ASSETS		LIABILITIES	
<b>Current Assets</b>		<b>Current Liabilities</b>	
Royal Bank	42,310.94	Accounts Payable	43.77
Total Cash	42,310.94	GST Owing (Refund)	0.00
Net Accounts Receivable	0.00	<b>Total Current liabilities</b>	<b>43.77</b>
<b>Total Current Assets</b>	<b>42,310.94</b>		
<b>Investments</b>		<b>TOTAL LIABILITIES</b>	<b>43.77</b>
<b>Total Investments</b>	<b>0.00</b>	<b>EQUITY</b>	
<b>Capital Assets</b>		<b>Designated Funds</b>	
Computer Software	508.41	Engineering Trust	14,879.00
Accum. Amort. -Furn. & Equip.	(457.57)	U of MB Engineering Bursary Trust	100.00
Net - Furniture & Equipment	50.84	Geoscience Trust	(10,207.00)
<b>Total Capital Assets</b>	<b>50.84</b>	Past Presidents Library Trust	(209.20)
<b>Other Non-Current Assets</b>		<b>Total Designated Funds</b>	<b>4,562.80</b>
<b>Total Other Non-Current Assets</b>	<b>0.00</b>	<b>Unrestricted Surpluses</b>	
		Current Surplus (Deficit)	(47,651.69)
		Retained Surpluses - Previous Years	85,406.90
		<b>Total Unrestricted Surpluses</b>	<b>37,755.21</b>
<b>TOTAL ASSETS</b>	<b>42,361.78</b>	<b>TOTAL EQUITY</b>	<b>42,318.01</b>
		<b>LIABILITIES AND EQUITY</b>	<b>42,361.78</b>

(Based on the reviewed financial statements of the APEGM Foundation Inc. at December 31, 2021.)

# **APEGM Foundation Vision and Mission Statements**

## **Vision**

Innovation and excellence in Manitoba's engineering and geoscience professions.

## **Mission**

Support education and competence in the professions, and enhance relationships with the broader community.

## **Values**

- **Respect:** We affirm the dignity, potential and contributions of participants, donors, partners and staff.
- **Integrity:** We act in a manner that is ethical, honest, and transparent.
- **Commitment:** We work together to serve the broader community.
- **Excellence:** We challenge ourselves to achieve the highest level of effectiveness.

## **Long-term and ongoing activities**

The Foundation expresses its mission and values, and achieves its vision, through the following ongoing activities.

### **Financial**

Obtain and manage funds to support the Foundation's and Engineers Geoscientists Manitoba's educational objectives:

- Provide financial assistance to engineering and geoscience students.
- Contribute to universities to improve educational programs and facilities.

### **Collegial/community**

Enhance training through mentorship and engineer-in-residence programs.

Communicate the value of the Foundation through success stories.

Foster relationships with allied professions, occupations and trades.

### **Educational**

Create educational opportunities in cooperation with Engineers Geoscientists Manitoba and other partners.