

2019 ANNUAL REPORT



**NAPEGG
Education Foundation**

2019 ANNUAL REPORT

NAPEGG Education Foundation

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NAPEGG Education Foundation

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Note: The legal name remains "NAPEGG" for the Education Foundation until such time as it is changed with the Charities Directorate (Federal) and Societies Act (Territorial). When documentation appears with only one "G", please view it as an operating name rather than an official legal name.

NAPEGG Education Foundation

14th Annual General Meeting

Wednesday, March 13, 2019

The Explorer Hotel, Katimavik D, Yellowknife

A G E N D A

1. Call to Order
2. Approval of the Agenda
3. Minutes of the last AGM
4. Business Arising from the Minutes
5. Annual Report of the Board
6. Auditor's Report
7. Appointment of Auditor
8. Other Business
9. Adjournment

MINUTES OF THE 13th ANNUAL GENERAL MEETING OF THE NAPEGG EDUCATION FOUNDATION

Wednesday, March 14, 2018 - 6:00 p.m.
Janvier Room, The Explorer Hotel, Yellowknife, NT

Attendance

The attendance included 37 Members and one Member-in-Training.

Guests

Russ Kinghorn, FEC, P.Eng, President of Engineers Canada
Jeffrey Underhill, P.Eng., President, Engineers & Geoscientists New Brunswick
Oliver Bonham, FGC, P.Geo., Past CEO, Geoscientists Canada
Hendrik Falck, FGC, P.Geo, Past President and Current Director of Geoscientists Canada
Terry Brookes, FEC, P.Eng., Director, Engineers Canada
David Lapp, FEC, P.Eng., Practice Lead, Globalization and Sustainable Development, Engineers Canada

Members, Licensees, and Members-in-Training

Sudhir Jha, P.Eng.	Paul Clow, P.Eng.	Karen Costello, P.Geo.
Bhabesh Roy, P.Eng.	Binay Yadav, P.Eng.	Tom Killingbeck, P.Geo.
Mustafa Azmal, P.Eng.	Ziaur Rahman, P.Eng.	Myra Berrub, P.Eng.
Nigel Bocking, GIT	Brian George, P.Eng.	Ed Hoeve, P.Eng.
Lloyd Henderson, P.Eng.	Doug Yokoyama, P.Eng.	Jeffrey Kwok, P.Eng.
Greg Haist, P.Eng.	Katrina Nokleby, P.Eng.	Ryan Gordon, P.Eng.
Ryan Schuler, P.Eng.	Tim Schaap, P.Eng.	Kamran Ata, P.Eng.
Dave Nickerson, P.Eng.	Melanie Williams, P.Eng.	David MacMillan, P.Eng.
Terry Brookes, P.Eng.	David Kopp-van Egteren, P.Eng.	Fola Soboyejo, P.Eng.
Hendrik Falck, P.Geo.	Marie Kopp-van Egteren, P.Eng.	Arvind Vashishtha, P.Eng.
Peter Bengts, P.Eng.	Jennifer Spencer-Hazenberg, P.Eng.	Shah Ala, P.Eng.
John Williams, P.Eng.	Justin Hazenberg, P.Eng.	Leslie Mihalik, P.Eng.
Bernard Smith, P.Eng.		

Staff & Others

Linda Golding, NAPEG Executive Director/Registrar
Mimi Kennedy, Deputy Registrar
Amir Khatibi
John Faithful

1. Call to order

The meeting was called to order at 6:01 pm.

2. Approval of Agenda

There was a motion by Katrina Nokleby, P.Eng., seconded by Melanie Williams, P.Eng., to accept the agenda as presented. The motion was carried.

3. Minutes

There was a motion by Lloyd Henderson, P.Eng., seconded by Binay Yadav, P.Eng., to accept the Minutes from the 12th AGM Education Foundation meeting on May 10, 2017. The motion was carried.

4. Business Arising from the Minutes

There was no business arising from the minutes of the 2017 Education Foundation Annual Meeting. Meeting.
Continued on the next page

NAPEGG EDUCATION FOUNDATION MINUTES

Continued

5. Annual Report of the Board

On behalf of the Christopher Hunt, Chair of the Education Foundation Committee, Lloyd Henderson, P.Eng. gave an overview of the Report found on Page 8 of the Annual Report.

6. Auditor's Report

Linda Golding, Secretary-Treasurer, led members through the Audited Statements beginning on Page 14 of the 2018 Annual Report. It was noted that the assets have declined and revenue for the current year was a little low. Donations are welcome. There will be a fundraising campaign in 2018.

There was a motion by Ed Hoeve, P.Eng., seconded by T. Brookes, P.Eng., to approve the Auditor's Report of the Financial Statements to December 31, 2017. The motion was carried.

There was a motion by L. Henderson, P.Eng., seconded by H. Falck, that the Education Foundation will ask NAPEG to consider funding the Education Foundation from NAPEG's 2017 surplus, to be reported on at the next AGM. Five (5) abstained, 18 in favor, no opposed. The motion was carried.

7. Appointment of Auditor

There was a motion by L. Henderson, P.Eng., seconded by Fola Soboyejo, P.Eng., to approve the appointment of the auditor, Avery Cooper and Co. Ltd., for the fiscal year ending December 31, 2018. The motion was carried.

8. Other Business

No other business was discussed.

9. Adjournment

There was a motion by Ryan Schuler, P.Eng., to adjourn the Meeting. Carried.
The Meeting was adjourned at 6:24 pm.

Education Foundation Board Report

Karen Costello, P.Ge., FGC, Chair



I assumed the role of Chair for the NAPEG Education Foundation Board in March 2018. As the year progressed we found stand-alone meetings were much more effective and allowed for greater discussions and dialogue between Board members and representatives of the Education Foundation Committee. This was particularly important as Committee's work on a governance and policy framework was a focus of efforts this past year. Early in the year the Education Foundation Board approved minor changes to the vision and mission statements.

In 2018, the Foundation presented eight Bob Spence Memorial and Mel Brown Memorial Undergraduate Scholarships, two geoscience student awards at the Yellowknife Geoscience Forum, two science teaching awards, along with the Finnigan Northern Award for three student research presentations.

Although there were no applications in 2018 for the Graduate Scholarship, the Foundation did award one in January 2018 after receiving an application in late 2017.

I had the pleasure of making the geoscience student award presentations at the 2018 Yellowknife Geoscience Forum and of recognizing the Finnigan Northern Award recipients at the 2018 Nunavut Mining Symposium and 2018 Yellowknife Geoscience Forum. Listening to the oral presentations and viewing the posters generated by the award recipients, and many of the other students, demonstrates the technical skill of the new generation of geoscientists and engineers. It is especially gratifying to see their enthusiasm as they share findings of their research with peers and other interested event attendees.

The Education Foundation Committee consists of a group of volunteers, chaired by Christopher Hunt, with the Committee and Board supported by the tireless efforts of Linda Golding in the role of Secretary/Treasurer. My sincere thanks for your individual commitments.

As we move into 2019 and approach the 20th anniversary of the Foundation, I welcome ideas on how we can address our goal of providing assistance that will further the education and development of our members in Northwest Territories and Nunavut.

Respectfully submitted,

Karen D. Costello, P. Geo., FGC
Chair



2018 NAPEG Education Foundation Annual General Meeting
Sudhir Jha, P.Eng. (Past Chair), Karen Costello, P.Ge. (Chair)
Linda Golding (Secretary/Treasurer)

Education Foundation Secretary-Treasurer Report

Linda Golding, FEC/FGC (Hon.)



The past year has been one with more focus on plans and goals of the Foundation and ensuring documentation is in place that will help guide the volunteers who have a strong interest in growing the Foundation and ensuring that education is both encouraged and financially supported for future generations.

The Vision and Mission were slightly adjusted and approved by the Board this year. The Vision for the Foundation is:

The NAPEG Education Foundation provides support for the educational aspirations of practitioners and those looking to enter the professions of engineering and geoscience in the Northwest Territories and Nunavut.

The Mission for the Foundation is:

The goal of the NAPEG Education Foundation is to provide a charitable organization that will promote the professions by:

- *encouraging youth to learn math and science skills;*
- *promoting the benefits of careers in engineering and geoscience; and*
- *providing assistance that will further the education and development of engineers and geoscientists in the Northwest Territories and Nunavut.*

As Secretary-Treasurer, of course I am interested in the finances of the Foundation. To that end, the Board approved a Guideline for Budgeting and approved the 2019 Budget. The 2019 Budget is projecting a deficit; however, I am confident that the generously of members and friends of the Foundation may change that forecast. The Foundation remains in a stable financial position.

At the present time, the Foundation has one committee. This great group of volunteers have done a lot of work on drafting documents for recommendation to the Board. As well, the group reviews applications for awards and scholarships and provides recommendation on recipients for Board approval.

At the last Annual General Meeting for the Education Foundation (the Charity), there was a question about NAPEG (the regulatory body) providing additional financial support to the Foundation. The minutes had noted that there would be a response this year. The Council for NAPEG requested that the Education Foundation Committee develop a long-term plan for the Education Foundation and report to NAPEG Council (after approval of the long-term plan by the Board of the Foundation). A long-term plan will assist NAPEG Council in decisions related to financial support to the Foundation. The Committee has a draft document for review. There is also some preliminary work on a Memorandum of Understanding between NAPEG and the Education Foundation.

An amazing group, friends of Craig Finnigan, has been working toward building a greater reserve to ensure the sustainability of the award for students conducting research in the North and presenting at one of the three annual geoscience forums/symposium - Northwest Territories, Nunavut and Yukon. We are extremely grateful for this support, and for recognition of the importance of the research, and the need for financial assistance to student researchers.

My heartfelt thanks to the Board and the many volunteers involved with the Foundation.

Respectfully submitted,

Linda Golding, FEC/FGC (Hon.)

Education Foundation Committee Report

Christopher Hunt, Chair



This year, the Education Foundation Committee helped to draft new governance direction and policies that were adopted by the Foundation Board.

The goal with this governance work was to put a robust formal framework in place to ensure that the Foundation remains sustainable. Completing this policy work also means the committee and Foundation board will now have more time and energy to create and deliver educational programs for our Nunavut and NWT communities, and for our members.

We are also going to focus on creating a fundraising structure this coming year, as part of maintaining long-term sustainability. We will be reaching out to members throughout the year to help in this regard. This Foundation ultimately belongs to the association's members, and we need to make sure all members are aware of the good work it is doing and what more it can be doing on their behalf in Nunavut and NWT communities.

We were pleased to once again this year provide multiple scholarships across the territories to post-secondary engineering and geoscience students. Northern students attend southern colleges and universities at great personal cost, and we need to ensure that we do what we can to help and, hopefully, inspire those students to return to work in the territories in the future. Please have a look at this year's worthy scholarship recipients listed in this report. Many of these students will soon be fellow members of this association.

It is important that we begin delivering impactful educational programs in our communities across both territories, and this is something we hope to start doing in a more concrete way this coming year. We look forward to providing good community impact stories in next year's report.

Please contact us if you have community program ideas of your own, would like to know more about our efforts, or would like to help.

Sincerely,

Christopher Hunt
Chair, Education Foundation Committee



Lloyd Henderson, P.Eng. reporting on behalf of Committee at 2018 Foundation AGM.

Members of the Education Foundation Committee are: Christopher Hunt; Hendrik Falek, P.Geo.; Linda Golding, Lloyd Henderson, P.Eng.; Katrina Nokleby, P.Eng.; Gary Strong, P.Eng.; Mark Cronk, P.Eng.; Pamela Strand, P.Geo.; and Melanie Williams, P.Eng. Paul Guy, P.Eng., Tom Hofer, P.Geo., and Peter Vician, P.Eng. have also contributed to the committee.

This committee reports to the Board of the Foundation.

NAPEGG Education Foundation

The NAPEGG Education Foundation was established in 2000 as a Charitable Organization that issues official receipts for income tax purposes. Gifts are solicited from members and the public. The objects of the NAPEGG Education Foundation are to promote training and education in engineering and geoscience, and in particular,

1. to provide for scholarships or financial assistance for students from the Northwest Territories and Nunavut; and
2. to cooperate with other organizations with similar objectives.

The Foundation bylaws were revised and adopted by the membership at the First Annual General Meeting held in Yellowknife on November 23, 2006. Since 2000, the Foundation has awarded many scholarships to students from the NWT and Nunavut who are attending university in engineering or geosciences programs. Initially, the scholarships were one thousand dollars (\$1,000) each. The amount has been increased on a regular basis and the scholarships are now two thousand dollars (\$2,000) each.

At the present time, at least two (2) scholarships are awarded annually. Both scholarships have been named in memory of past NAPEG members who were extremely active in the Association.

The Bob Spence Memorial Scholarship was established in 2005. Bob was a Founding Member of NAPEG, Past President, Past Executive Director, friend of many, and a strong advocate for professionalism and high ethical standards.

The Mel Brown Memorial Scholarship was established in 2002. Mel was a Founding Member and a Life Member of NAPEG. He also served as the first Executive Director of NAPEG from 1981 to 1990.



(Photo courtesy of the Brown family)
Mel Brown, shown here on a canal boat in Amsterdam, returned to the Netherlands in 2000 for the 50th anniversary of the country's liberation.



Bob Spence in 2004 with his retirement gift from NAPEG.



The Boardroom in the NAPEG Offices was renamed in recognition of another long-term member, Founding Member and First President of NAPEG, **Bernard (Ben) Van Hees, P.Eng.**

**BEN
VAN HEES
BOARDROOM**

Finnigan Northern Award for Student Research Presentations



Dr. Craig Finnigan was a Professional Geoscientist who spent the majority of his short career working across the Canadian North for industry, government and academia. Craig passed away in 2014 at the age of 45. His passion for geoscientific field work and exploration has left an imprint on those who worked with him over the years. He thrived on the North's diverse opportunities and his work contributed to our understanding of the geology in a number of places, including the metallogeny of gold in the Kivalliq District of Nunavut, the Yellowknife Greenstone Belt in Northwest Territories and the Dawson Range, Yukon.

Craig completed his M.Sc. degree on the gold mineralization in the Yellowknife belt in 2000, and was recognized by AMEBC in 2014 with the prestigious Huestis Award for his role in the discovery of the Coffee gold deposits in the Yukon.

Craig was an adamant supporter of students and education and as Adjunct Professor at Western University he co-supervised a number of graduate student theses, including studies on the Coffee gold deposits in Yukon and uranium mineralization at the Lac Cinquante uranium deposit in Nunavut. As such, a student focused scholarship that would encourage presentations at northern conferences would be a fitting and appropriate way to honour Craig's memory.

Individuals or organizations wishing to contribute to the Finnigan Northern Award for Student Research Presentations fund may make a donation to Northwest Territories and Nunavut Association of Professional Engineers and Geoscientists (NAPEG) Education Foundation.

Objectives

NAPEG and the Education Foundation encourage the achievement of excellence in the engineering and geosciences professions through the promotion of advanced studies and research programs. By providing financial assistance to researchers working in the northern territories, the Foundation seeks to encourage young geoscientists to communicate effectively to their peers and the public, an important skill in the development of a professional practitioner.

Eligibility

To be eligible, the applicant must be enrolled in a Canadian university and registered in a Geology or Earth Sciences program that includes a thesis with a subject relevant to the territory in which the results would be presented. The applicant must also have submitted an abstract (or similar document) for a talk or poster presentation at the conference indicated on their application form. The applicant must attend this conference and give the presentation in order to receive scholarship funding. An individual can be awarded the scholarship more than once; however, priority will be given to applicants who have not received the scholarship previously.

The recipients of the first Finnigan Awards were:

Yukon: **Well-Shen Lee** (UBC)

Title of Paper: "A Petrographic and microthermometric study of gold-bearing veins surrounding the 5 Moz Coffee gold deposit, Dawson Range, Yukon"

Quote from Well-Shen Lee: *Learning about Dr. Craig Finnigan's story and his contributions to mineral exploration while conducting field work at Coffee Creek this summer has really inspired me as a budding geologist and reinforced my interest in economic geology.*



Northwest Territories: **Robert Janzen** (Waterloo)

Title of Paper: "Glacial Dynamics, Sediment Dispersion, and 3D Reconstruction, Lac de Gras, NT"

Quote from Bob Janzen: *This exposure will propel my aspirations of a career in geological sciences using modeling techniques that are only beginning to be used in public and private sectors.*



Nunavut: **Scott Tokaryk** (Laurentian)

Title of Paper: "Metamorphogenic Au mineralization localized to a chemically favourable dioritic host rock: The Archean Vickers Intrusive Complex, Nunavut, Canada"

Quote from Scott Tokaryk: *I am greatly honoured to have been awarded the Finnigan Northern Award ... allowing me to present my M.Sc. research at the Nunavut Mining Symposium in Iqaluit. This was an absolutely great experience that contributed significantly to my professional development, in my pursuit to become a successful Professional Geologist in the future.*



Finnigan Northern Award for Student Research Presentations continued

The recipients in 2017–2018 were:

Yukon: **Brodie Stroh** (UBC) “Models for Orogenic Gold Ore Formation in Western Yukon”

Northwest Territories: **Maya LaGrange** (Alberta) “Integrating chemostratigraphic and sedimentological datasets to establish a sequence stratigraphic framework for the Devonian Canol Formation, Central Mackenzie Valley and Mackenzie Mountains, Northwest Territories”

Nunavut: **Mitchell Kerr** (Laurentian) “Upgrading of an orogenic gold-quartz-carbonate vein system by magmatic-hydrothermal fluids in the Hope Bay Greenstone Belt, Nunavut, Canada”

The recipients in 2018 - 2019 are:

Northwest Territories: **Clare Miller** (Queens) “Arsenic mobility in a changing northern climate: Implications for geochemical baselines and long-term stability of legacy contaminants in sub-Arctic lake systems”

Yukon: **Melissa Friend** (UBC) “Links between Cretaceous metallogeny and magmatic fertility in the Dawson Range, Yukon”

Nunavut: **Erin Bros** (Alberta) Research related to understanding of the Mary River Group, and of the formation of granite-greenstone belts worldwide.

Education Foundation Scholarship for Graduate Studies

NAPEG encourages the achievement of excellence in the engineering and geosciences professions through the promotion of advanced studies and research programs by providing financial assistance to engineers and geoscientists returning to university for further study in a Masters or PhD program.

The objectives of the scholarships are to:

- promote the professions of Engineering and Geoscience to the Northwest Territories and Nunavut residents as established and respected careers;
- recognize and financially assist NAPEG members enrolled in a recognized program leading to a post-graduate university degree in engineering or geoscience; and
- increase public awareness of NAPEG as an organization actively concerned about encouraging all people in the engineering and geoscience professions, present and future community leadership through its membership, and the continued growth of the professions in the Northwest Territories and Nunavut.

The first Graduate Studies Scholarship was awarded in 2016. The recipient was **Alexander Hunt, MIT**, who is studying toward Masters of Science, Mechanical Engineering, at the University of Alberta.



Thank you from Alexander, stated: *One of the biggest challenges as a graduate student is the uncertainty of funding A master's degree in engineering requires a 2-3 year commitment to research and studies at the university, The NAPEG graduate student scholarship helps me immensely with living expenses, and their support allows me to fully focus on my work and alleviates much of the pressure associated with funding. Knowing that the Northwest Territories and Nunavut support and encourage graduate degrees in engineering is very motivating and I truly hope that this support encourages other northern engineers to pursue similar levels of education.*



The recipient for 2017 was **Wesley Lines, MIT**. His studies, within a Masters program at University of British Columbia, began in January 2018.

Thank you from Wesley, stated: *The support that NAPEG (Education Foundation) provides to northern students through this scholarship is enormously generous. It reduces a significant portion of the financial burden required to complete a graduate degree in engineering. I will now be able to focus more of my efforts on my studies and career aspirations as I pursue a Master of Engineering Leadership in Clean Energy Engineering, and for that, I am truly thankful. I look forward to an exciting career as an engineer in the North.*

Undergraduate Scholarships

Two \$2,000.00 scholarships are available to Northwest Territories or Nunavut students entering or attending post secondary studies leading to a degree in Engineering or Geosciences at an undergraduate level in a recognized Canadian university. Preference is given to highly motivated individuals with a strong academic background and demonstrated citizenship and leadership capabilities.

Past Scholarship Recipients

1987/1988	Sean A. Loutitt
1988/1989	Keith Mercredi
1989/1990	Neil Baldwin
1990/1991	Adrienne Jones Kirt Ejesiak
1991/1992	Keith Mercredi
1993/1994	Brian Auge Nicholas Johnson
1994/1995	Michael Parkins
1995/1996	Rod Gonzales
1996/1997	Rod Gonzales
1997/1998	Allison Marshall
1998/1999	Deborah Wong Erica Nyssonnen
1999/2000	Duncan Starling
2000/2001	Isaac Ayiku
2001/2002	Monte Rattray, Sara Schabert, Tephaine Wedawin
2002/2003	Gord Stephenson, Jonathan Zaozirny
2003/2004	Shane Poluk, Daniel Wong
2005/2006	Konstantin Gavrikov, Duncan Hamre
2006/2007	Adam Hassan & Jane Borkovic
2007/2008	Kali Brasseur & Jane Borkovic
2008/2009	Jennifer Waugh & Edward J. Paul
2009/2010	Peter Boggis & Scott Lachowski
2010/2011	Misha Malakoe & Mathew Whiteford
2011/2012	Stephan Giovanetto & Wesley Lines
2012/2013	Aimee Gauthier (Joint Venture), Daniel Guerrero and Edward Hunt
2013/2014	Alexander Hunt, Ronald James Oolooyuk, Tristan Ogilvie, and Wesley Lines
2014/2015	Abhinay Annavarapu, Garth Grune- rud, Martha Hamre, and Julianna Neudorf
2015/2016	Julianna Neudorf; Nancy Ngo; Jamie Tennant; Neil Estuye.
2016/2017	Julianna Neudorf; Jada Hawkins; Joshua Lee; and Jennifer White
2017/2018	Audla Buchan; Rebecca Canam; Sarah Hart; Jada Hawkins; Brandon Jacobs; Kyle McKee; Julianna Newdorf; Dawson Stone; James Tennant; Jennifer White; and Bishal Yadav

2018/2019 Akash Yadav; Bishal Yadav;
Rebecca Canam; Jada Hawkins;
Zakary Newdorf; Jennifer White;
Nancy Ngo; and Joshua Lee

Geoscience Student Awards

The Geoscience Student Awards (presented at the Annual Geoscience Forum) recognize that presenting research in public is an important step in the education of geoscientists. The awards are given to students who are presenting the results of their work in the North and who display excellence both in the quality of the work and the professionalism of the presentation.

Best Oral Presentation

2006 - 2007	Steven Creighton
2007 - 2008	Danielle Thomson
2008 - 2009	Danielle Thomson
2009 - 2010	Kathy Mather
2010 - 2011	Leanne Smar
2011 - 2012	Meghan Hewton
2012 - 2013	Pedro A. Gongora
2013 - 2014	Katherine Hahn
2014 - 2015	Jesse Reimink
2015 - 2016	Stephane Poitras
2016 - 2017	Stuart MacDonald
2017 - 2018	Benjamin Neil
2018 - 2019	Mike Palmer

Best Poster

2006 - 2007	Kirsten Rasmussen
2007 - 2008	Graham Janson
2008 - 2009	Katie Smart
2009 - 2010	Vanessa Marcheggiani-Croden
2010 - 2011	Melissa Anderson
2011 - 2012	Lisa Neville
2012 - 2013	Cassia Johnson
2013 - 2014	Emily Palmer
2014 - 2015	Brad Bobey
2015 - 2016	Maya LaGrange Rao
2016 - 2017	Gabriel Lauzon
2017 - 2018	Brette Harris
2018 - 2019	Sarah Speight

Science Teaching Award

The Science Teaching Award recognizes initiatives which promote interest in careers in the sciences.

Nominees must be certified teachers practicing in the Northwest Territories or Nunavut.

In addition to awarding the teacher, the school receives a cheque for one thousand dollars (\$1,000.00) to be used to enhance their science program.

Past Award Recipients

- 1994 Christopher Purse, *Qitqlig School, Arviat*
- 1995 Wilma Roosdahl, *J.H. Sissons Elementary, Yellowknife*
- 1996 Diane McDonald, *Nakasuk Elementary School, Iqaluit*
- 1997 Mike Carter, *Samuel Hearne Secondary, Inuvik*
- 1998 The Baffin Science Committee of Nunavut High School
- 2001 Simon Gatto, *Mackenzie Mountain School, Norman Wells* and Peter Maguire, *Netsilik School, Taloyoak*
- 2002 Brad Chambers, *Attagoyuk School, Pangnirtung*, and Bill Cooper, *Jonah Amitnaaq School, Baker Lake, NU*
- 2003 Wade Carpenter, *Sir John Franklin High School, Yellowknife, NT*
- 2004 Katie McDonald, *Inuglak School, Whale Cove, NU*, and Alisha Manuel, *Sir Alexander Mackenzie School, Inuvik*
- 2005 Shelly Pittman, *Mangilaluk School, Tuktoyaktuk, NT*
- 2006 No award.
- 2007 Glen Brocklebank (NU)
Charles Lirette (NT)
- 2009 Abdus Salam (NU)
- 2010 Christina Silzer, *St. Patrick's High School, Yellowknife, NT*
- 2011 Neil Penney, Dettah
Katharine O'Connell, Rankin Inlet
- 2012 Gwen Young, Sir John Franklin High School and Deb Horen, Mildred Hall Elementary School, Yellowknife
- 2013 Terri Skinner, Paatsaali School, Sani-kiluaq, NU and Deborah Wotherspoon, Echo Dene School, Fort Liard, NT
Yellowknife, NT

- 2014 Ryan O'Connor, Levi Angmak Elementary School, Arviat, NU and Thana Rahim, St. Patrick High School, Yellowknife, NT
- 2015 Jillian Brown, Mackenzie Mountain School, Norman Wells, NT
- 2016 Steve Nicoll, Thomas Simpson School, Fort Simpson, NT
- 2017 Beth Sampson, Kiilnik High School, Cambridge Bay, NU
Ephraim Warren, Mangilaluk School, Tuktoyaktuk, NT
Nathalie Lavoie, Thomas Simpson High School, Fort Simpson, NT
Anna Cunningham, Diamond Jenness Secondary School, Hay River, NT
- 2018 Jennifer, Giffin, Angik School, Paulatuk, NT and Juanita Balhuizen, Qitiqliq Middle School, Arviat, NU

This year the Science Teaching Award goes to:
Trent Hamm, Weledeh Catholic School, Yellowknife, NT

INDEPENDENT AUDITOR'S REPORT

THE NAPEGG EDUCATION FOUNDATION
FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2018

INDEPENDENT AUDITOR'S REPORT

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INDEPENDENT AUDITOR'S REPORT

Continued



NAPEG
Education Foundation

March 4, 2019

MANAGEMENT'S RESPONSIBILITY FOR REPORTING

The accompanying financial statements of the NAPEG Education Foundation "the Foundation" have been prepared by management, which is responsible for the reliability, integrity and objectivity of the information provided. They have been prepared in accordance with Canadian accounting standards for not-for-profit organizations. Where necessary the statements include amounts that are based on informed judgements and estimates by management, giving appropriate consideration to reasonable limits of materiality.

In discharging its responsibility for the integrity and fairness of the financial statements and for the accounting systems from which they are derived, management maintains internal financial and management systems and practices which are designed to provide reasonable assurance that reliable financial and nonfinancial information is available on a timely basis and that the Foundation acts in accordance with the laws of the Northwest Territories, Nunavut and Canada. Management recognizes its responsibility for conducting the Foundation's affairs in accordance with the requirements of applicable laws and sound business principles, and for maintaining standards of conduct that are appropriate to a non-profit organization and registered charity.

Avery Cooper & Co. Ltd., Chartered Professional Accountants, provided an independent, objective audit for the purpose of expressing an opinion on the financial statements in accordance with Canadian generally accepted auditing standards.

A handwritten signature in cursive script, reading "Linda Golding".

Linda Golding, FEC/FGC (Hon.)
Secretary-Treasurer

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INDEPENDENT AUDITOR'S REPORT

Continued



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INDEPENDENT AUDITOR'S REPORT

To the Members of
The NAPEGG Education Foundation

Opinion

We have audited the financial statements of The NAPEGG Education Foundation, which comprise the Statement of Financial Position as at December 31, 2018, and the Statements of Operations, Changes in Fund Balances, and Cash Flows for the year then ended, and notes to the financial statements, including a summary of significant accounting policies.

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Organization as at December 31, 2018, and its results of operations and its cash flows for the year then ended in accordance with Canadian accounting standards for not-for-profit organizations.

Basis for Opinion

We conducted our audit in accordance with Canadian generally accepted auditing standards. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are independent of the Organization in accordance with the ethical requirements that are relevant to our audit of the financial statements in Canada, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Other Matter

The financial statements of The NAPEGG Education Foundation for the year ended December 31, 2017 were audited by another auditor who expressed an unmodified opinion on those statements on February 16, 2018.

Key Audit Matters

We have determined that there are no key audit matters to communicate in our report.

Other Information

Management is responsible for the annual report. The annual report comprises the executive financial report and includes the financial statements and our auditor's report thereon. The annual report is expected to be made available to us after the date of this auditor's report.

Our opinion on the financial statements does not cover the annual report and we do not express any form of assurance conclusion thereon.

In connection with our audit of the financial statements, our responsibility is to read the annual report identified above when it becomes available and, in doing so, consider whether the other information is materially inconsistent with the financial statements or our knowledge obtained in the audit, or otherwise appears to be materially misstated.

Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with ASNPO, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.



AVERY COOPER IS A MEMBER OF MSI, AN INTERNATIONAL ASSOCIATION OF INDEPENDENT PROFESSIONAL FIRMS

INDEPENDENT AUDITOR'S REPORT

Continued

INDEPENDENT AUDITOR'S REPORT, continued

In preparing the financial statements, management is responsible for assessing the Organization's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Organization or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Organization's financial reporting process.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Canadian generally accepted auditing standards will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements. As part of an audit in accordance with Canadian generally accepted auditing standards, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Foundation's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Foundation's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Foundation to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

Avery Cooper & Co. Ltd.

Avery Cooper & Co. Ltd.
Chartered Professional Accountants
Yellowknife, NT

March 4, 2019

INDEPENDENT AUDITOR'S REPORT

Continued

THE NAPEGG EDUCATION FOUNDATION

STATEMENT OF FINANCIAL POSITION

December 31, 2018

ASSETS

	<u>2018</u>	<u>2017</u>
CURRENT		
Cash	\$ 18,738	\$ 5,270
Marketable securities (note 3)	133,000	83,000
Interest income receivable	<u>3,482</u>	<u>-</u>
	155,220	88,270
INVESTMENTS (note 4)	<u>249,000</u>	<u>332,000</u>
	<u>\$ 404,220</u>	<u>\$ 420,270</u>

LIABILITY

CURRENT		
Accounts payable and accrued liabilities	\$ 1,999	\$ 2,200

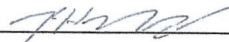
FUND BALANCES

UNRESTRICTED FUND per page 3	392,154	402,801
CRAIG FINNIGAN NORTHERN AWARD FUND per page 3	9,067	14,269
ICE ROAD JOINT VENTURE FUND per page 3	<u>1,000</u>	<u>1,000</u>
	<u>402,221</u>	<u>418,070</u>
	<u>\$ 404,220</u>	<u>\$ 420,270</u>

Approved:



Chair



Vice-Chair

See accompanying notes

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INDEPENDENT AUDITOR'S REPORT

Continued

THE NAPEGG EDUCATION FOUNDATION

STATEMENT OF OPERATIONS For the year ended December 31, 2018

	<u>2018</u>	<u>2017</u>
REVENUES		
Interest income	\$ 4,877	\$ 1,043
Donations - Special - NAPEG (note 5)	4,157	-
Donations - Regular - Members	698	800
Craig Finnigan Northern Award	-	5,000
Miscellaneous income	-	1,193
	<u>9,732</u>	<u>8,036</u>
EXPENSES		
Craig Finnigan Northern Award	5,202	6,378
Geoscience Awards	2,000	2,000
Interest and bank charges	164	59
Auditing fee	2,215	2,310
Scholarships - post graduate	-	7,500
Scholarships - undergraduate	16,000	22,000
School Program	-	20,000
Science Teaching Award	-	4,000
	<u>25,581</u>	<u>64,247</u>
DEFICIENCY OF REVENUES OVER EXPENSES	<u>\$ (15,849)</u>	<u>\$ (56,211)</u>

See accompanying notes

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INDEPENDENT AUDITOR'S REPORT

Continued

THE NAPEGG EDUCATION FOUNDATION

STATEMENT OF CHANGES IN FUND BALANCES

For the year ended December 31, 2018

	<u>2018</u>			
	Unrestricted Fund	Craig Finnigan Northern Award Fund	Ice Road Joint Venture Fund	Total
BALANCE, opening	\$ 402,801	\$ 14,269	\$ 1,000	\$ 418,070
Deficiency of revenues over expenses	(15,849)	-	-	(15,849)
Disbursements during the year	<u>5,202</u>	<u>(5,202)</u>	<u>-</u>	<u>-</u>
BALANCE, closing	<u>\$ 392,154</u>	<u>\$ 9,067</u>	<u>\$ 1,000</u>	<u>\$ 402,221</u>
	<u>2017</u>			
	Unrestricted Fund	Craig Finnigan Northern Award Fund	Ice Road Joint Venture Fund	Total
BALANCE, opening	\$ 457,634	\$ 15,647	\$ 1,000	\$ 474,281
Deficiency of revenues over expenses	(56,211)	-	-	(56,211)
Donations received during the year	(5,000)	5,000	-	-
Disbursements during the year	<u>6,378</u>	<u>(6,378)</u>	<u>-</u>	<u>-</u>
BALANCE, closing	<u>\$ 402,801</u>	<u>\$ 14,269</u>	<u>\$ 1,000</u>	<u>\$ 418,070</u>

See accompanying notes

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INDEPENDENT AUDITOR'S REPORT

Continued

THE NAPEGG EDUCATION FOUNDATION

STATEMENT OF CASH FLOWS For the year ended December 31, 2018

	<u>2018</u>	<u>2017</u>
CASH FLOWS FROM OPERATING ACTIVITIES		
Cash receipts from donations	\$ 4,855	\$ 5,801
Interest received	1,395	2,235
Cash paid for scholarships and awards	<u>(25,782)</u>	<u>(64,247)</u>
	<u>(19,532)</u>	<u>(56,211)</u>
CASH FLOWS FROM INVESTING ACTIVITIES		
Repayments from related party	-	25,000
Change in marketable securities	50,000	-
Change in investments	<u>(17,000)</u>	<u>(415,000)</u>
	<u>33,000</u>	<u>(390,000)</u>
INCREASE (DECREASE) IN CASH	13,468	(446,211)
CASH, opening	<u>5,270</u>	<u>451,481</u>
CASH, closing	<u>\$ 18,738</u>	<u>\$ 5,270</u>

See accompanying notes

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INDEPENDENT AUDITOR'S REPORT

Continued

THE NAPEGG EDUCATION FOUNDATION

NOTES TO THE FINANCIAL STATEMENTS

December 31, 2018

1. NATURE OF OPERATIONS

The NAPEGG Education Foundation (the "Foundation") was incorporated August 28, 2000 under the *Societies Act* (Northwest Territories). The Foundation became a registered charity January 1, 2001. The objectives of the Foundation are:

- (a) to promote training and education in the fields of engineering and geoscience, and to do all such things as are incidental or conducive to this object, and in particular;
- (b) to provide for scholarships, bursaries, grants or financial assistance, including loans or gifts, to Northwest Territories or Nunavut residents attending any school, college or university and undertaking post-secondary study in the fields of engineering geology or geophysics;
- (c) to cooperate with other organizations, whether incorporated or not, which have objects similar in whole or in part to the objects of this Foundation, and
- (d) to solicit, receive and accept all manner of contributions, gifts, bequests and legacies from any person, firm or corporation, and to enter into and carry out contracts and undertakings incidental thereto in pursuit of (a) above.

The Foundation is a registered charity under paragraph 149(1)(f) and is exempt from income taxes under subsection 149.1(1) of the *Income Tax Act* (Canada).

2. SIGNIFICANT ACCOUNTING POLICIES

These financial statements are prepared in accordance with Canadian accounting standards for not-for-profit organizations. The significant accounting policies are detailed as follows:

(a) Fund accounting

Unrestricted Fund

Revenues and expenses related to the collection of unrestricted donations and fundraising activities are reported in this fund.

Craig Finnigan Northern Awards Fund

This fund reports amounts for which the use is restricted by the donors to be used to encourage the achievement of excellence in the engineering and geosciences professions through the promotion of advanced studies and research programs. By providing financial assistance to researchers working in the northern territories, the Foundation seeks to encourage young geoscientists to communicate effectively to their peers and the public, an important skill in the development of a professional practitioner. To be eligible, the applicant must be enrolled in a Canadian university and registered in a Geology or Earth Sciences program that includes a thesis with a subject relevant to the territory in which the results would be presented.

Ice Road Joint Venture Fund

This fund reports amounts for which the use is restricted by the donors to be used for applicants enrolled in a mining engineering or geoscience program.

INDEPENDENT AUDITOR'S REPORT

Continued

THE NAPEGG EDUCATION FOUNDATION

NOTES TO THE FINANCIAL STATEMENTS

December 31, 2018

2. SIGNIFICANT ACCOUNTING POLICIES, continued

(b) Cash and cash equivalents

Cash and cash equivalents include cash and short-term investments with maturities of three months or less from their date of acquisition, which are readily convertible into a known amount of cash, and are subject to an insignificant risk to changes in their fair value.

(c) Financial instruments

The Foundation initially measures its financial assets and liabilities at fair value, except for certain non-arm's length transactions. The Foundation subsequently measures all its financial assets and financial liabilities at amortized cost.

(d) Marketable securities

Marketable securities are carried at cost plus accrued interest.

(e) Investments

Investments are carried at cost plus accrued interest.

(f) Tangible capital assets

The Foundation expenses its capital assets in the year purchased. During the current year, capital expenditures are \$nil (2017 - \$nil).

(g) Revenue recognition

The Foundation uses the restricted fund method of accounting for contributions. Restricted contributions for which a corresponding restricted fund is presented is recognized as revenue of that fund in the current period when received or receivable.

Restricted contributions for which no corresponding restricted fund is presented is deferred when received and recognized in the unrestricted fund in the same period or periods as the related expenses are recognized.

Unrestricted contributions are recognized as revenue of the unrestricted fund in the current period when received or receivable. Endowment contributions are recognized as revenue of the endowment fund in the current period when received or receivable.

Investment income that is not externally restricted is recognized in the unrestricted fund when earned. Other externally restricted investment income is recognized in the appropriate restricted fund or, if there is no appropriate fund, in the unrestricted fund in accordance with the deferral method.

(h) Contributed materials and services

The Foundation benefits from donated materials and services in the form of volunteer time for various activities. Contributed materials and services are not recorded.

INDEPENDENT AUDITOR'S REPORT

Continued

THE NAPEGG EDUCATION FOUNDATION

NOTES TO THE FINANCIAL STATEMENTS

December 31, 2018

2. SIGNIFICANT ACCOUNTING POLICIES, continued

(i) Measurement uncertainty

The preparation of financial statements in accordance with Canadian accounting standards for not-for-profit organizations requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the period. Significant areas requiring the use of estimates include: allowances for doubtful accounts. Actual results may differ from management's best estimates as additional information becomes available in the future.

3. MARKETABLE SECURITIES

	<u>2018</u>	<u>2017</u>
Royal Bank of Canada: Non-redeemable GIC, 1.95% interest per annum, matures March 30, 2019	\$ 50,000	\$ -
Non-redeemable GIC, 1.25% interest per annum, matures June 14, 2019	83,000	-
Non-redeemable GIC, 0.90% interest per annum, matured June 14, 2018	<u>-</u>	<u>83,000</u>
	<u>\$ 133,000</u>	<u>\$ 83,000</u>

INDEPENDENT AUDITOR'S REPORT

Continued

THE NAPEGG EDUCATION FOUNDATION

NOTES TO THE FINANCIAL STATEMENTS

December 31, 2018

4. INVESTMENTS

	<u>2018</u>	<u>2017</u>
Royal Bank of Canada: Non-redeemable GIC, 1.25% interest per annum, matures June 14, 2019	\$ -	\$ 83,000
Non-redeemable GIC, 1.35% interest per annum, matures June 14, 2020	83,000	83,000
Non-redeemable GIC, 1.50% interest per annum, matures June 14, 2021	83,000	83,000
Non-redeemable GIC, 1.60% interest per annum, matures June 14, 2022	<u>83,000</u>	<u>83,000</u>
	<u>\$ 249,000</u>	<u>\$ 332,000</u>

5. RELATED PARTY TRANSACTIONS

The Foundation is controlled through a common council by the Northwest Territories and Nunavut Association of Professional Engineers and Geoscientists ("NAPEG" or the "Association"). The Association was incorporated September 25, 1970 and is continued under the *Engineering and Geoscience Professions Act* (Northwest Territories) and the *Engineers and Geoscientists Act* (Nunavut) dated May 1, 2008. The Association is exempt from income taxes under paragraph 149(1)(f) of the *Income Tax Act* (Canada). The objectives of the Association are:

- to regulate the practices of professional engineering and professional geoscience and to govern the professions in accordance with these Acts and bylaws, and
- to establish and maintain standards of knowledge, skill, care and professional ethics among its members and licensees, in order that the interests of the public may be served and protected.

During the year the Foundation received donations revenue from the Association totaling \$4,157 (2017 - \$nil). In addition, the Foundation receives administrative services and use of offices from the Association without charge.

These transactions are in the normal course of operations and have been valued in these financial statements at the exchange amount which is the amount of consideration established and agreed to by the related parties.

INDEPENDENT AUDITOR'S REPORT

Continued

THE NAPEGG EDUCATION FOUNDATION

NOTES TO THE FINANCIAL STATEMENTS

December 31, 2018

6. DISBURSEMENT REQUIREMENTS

The Foundation is a registered charity under the *Income Tax Act* (Canada) and as such is required to disburse 3.5% of its assets annually.

The amount to be disbursed is \$14,148 (2017 - \$14,709). Actual funds disbursed were \$25,581 (2017 - 64,247). The Foundation is in compliance with the disbursement quota.

7. FINANCIAL INSTRUMENTS

The Foundation's financial instruments consist of cash, marketable securities, interest income receivable, investments, and accounts payable and accrued liabilities. Unless otherwise noted, it is management's opinion that the Foundation is not exposed to significant interest rate, market, currency, credit, liquidity, cash flow risks, nor is the entity exposed to significant concentrations of such risks. The fair value of these financial instruments approximate their carrying values, unless otherwise noted.

8. COMPARATIVE FIGURES

The financial statements have been reclassified, where applicable, to conform to the presentation used in the current year.