

**2020
ANNUAL REPORT**



**NAPEGG
Education Foundation**

2020 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
15th Annual General Meeting
Wednesday, March 11, 2020

The Explorer Hotel, Katimavik D, Yellowknife

AGENDA

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. Passing of the Gavel
10. Adjournment

MINUTES OF THE 14th ANNUAL GENERAL MEETING OF THE NAPEGG EDUCATION FOUNDATION

Wednesday, March 13, 2019 - 6:00 p.m.
Katimavik D, The Explorer Hotel, Yellowknife, NT

Attendance

The attendance included 34 Members and three Members-in-Training.

Guests

Annette Bergeron, MBA, FCAE, FEC, P.Eng., President of Engineers Canada
Terry Brookes, FEC, P.Eng., Director, Engineers Canada
Henrik Falck, P.Geo., Past President of Geoscientists Canada

Members, Licensees, and Members-in-Training

Karen Costello, P.Geo.	Ian Flood, P.Eng.	Ed Hoeve, P.Eng.
Bhabesh Roy, P.Eng.	Brian George, P.Eng.	Emmanuel Ogemuno, P.Eng.
Lloyd Henderson, P.Eng.	John Clark, P.Eng.	Ryan Gordon, P.Eng.
Greg Haist, P.Eng.	Jaime Goddard, P.Eng.	Robin Ferguson, P.Eng.
Kevin Boldstad, P.Eng.	Ann Kulmatycki, P.Eng.	Kamran Ata, P.Eng.
Dave Nickerson, P.Eng.	Curt Snook, P.Eng.	Arvind Vashishtha, P.Eng.
Henrik Falck, P.Geo.	Ronald Yaworksy, P.Eng.	Shah Alam, P.Eng.
Terry Brookes, P.Eng.	Alexandra Giroux, P.Eng.	Sudhir Jha, P.Eng.
Peter Bengts, P.Eng.	Katrina Nokleby, P.Eng.	Alina Goldenberg, EIT
Bernard Park, P.Eng.	Melanie Williams, P.Eng.	Cameron MacDonald, EIT
Mike Burns, P.Eng.	Justin Hazenberg, P.Eng.	Nigel Bocking, GIT
Binay Yadav, P.Eng.	Tom Killingbeck, P.Geo.	
Ziaur Rahman, P.Eng.	Al Fitzgerald, P.Eng.	

Staff & Others

Linda Golding, NAPEG Executive Director/Registrar
Mimi Kennedy, Deputy Registrar
Ashley Chassie, Registration and Administrative Assistant
Christopher Hunt, Minister's Appointee
Amir Khatibi, Applicant
Antenor Farias, Applicant
Saifuddin Quazi
Hayat Niazi
Two others whose names were not legible

1. Call to order

The meeting was called to order at 5:51 pm.

2. Approval of Agenda

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

3. Minutes

There was a motion by Binay Yadav, P.Eng., seconded by Kamran Ata, P.Eng., to accept the Minutes from the 13th AGM Education Foundation meeting on March 14, 2018. The motion was carried.

Continued on the next page

NAPEGG EDUCATION FOUNDATION MINUTES

Continued

4. Business Arising from the Minutes

To the matter of Council providing funding to the Education Foundation from NAPEG's surplus: following the last AGM, the Education Foundation Board met and directed that the Education Foundation Committee develop a long-term plan for the Foundation. A draft plan was provided to the Board in the fall. The Board reviewed and discussed the plan at the December meeting and provided feedback and recommendations, as well as requested some clarification. The Board is currently waiting to hear back. It was announced that there will be a facilitated Brainstorming session, including questions regarding the Education Foundation, on Friday afternoon during the Symposium for those not participating in the Giant Mine Tour. We welcome ideas and input.

It was noted that a Graduate Student Scholarship of \$7,500 was given out in 2017. One non-eligible application was received for the 2018 Scholarship. Additional promotion will be conducted in future.

5. Annual Report of the Board

Attendees were referred to the reports from Karen Costello, P.Geo., Chair of the Education Foundation Board, and Chris Hunt, Chair of the Education Foundation Committee, beginning on Page 8 of the Annual Report.

6. Auditor's Report

Linda Golding, Executive Director, led members through the Audited Statements beginning on Page 16 of the 2019 Annual Report. It was noted this is the first year for Secretary-Treasurer and Board Chair reports in the Annual Report for the Foundation. Assets have declined, from \$420,000 in 2017 to \$404,000 at the end of 2018. Equity is reduced and a decrease in donations. As the Foundation has fairly significant funds in the bank, the Committee and the Board have not been concerned about meeting scholarship obligations, to date. The long-term plan is hoped to encourage Members and others to consider donations. In 2018, there was a deficit of \$15,000. In 2017, the deficit was \$56,000.

On a positive note, friends of Craig Finnigan are actively soliciting donations to get the reserve for the Craig Finnigan Northern Award up to \$100,000, so it will be in a position to keep awarding that benefit to the three students (one in each territory) long into the future. Members were encouraged to consider a donation to help build the Foundation and provide assistance to the next generation of engineers and geoscientists. It was noted that there are new CRA disbursement requirements. Previous rules for charities had required that 85% of donations be distributed. The newer rule is 3.5% of assets. The amount that had to be disbursed in 2018 was \$14,148 and we disbursed \$25,500, so we are well in line with requirements to maintain our charity status.

There was a motion by Justin Hazenberg, P.Eng., seconded by Hendrik Falck, P.Geo., to approve the Auditor's Report on the Financial Statements to December 31, 2018. The motion was carried.

7. Appointment of Auditor

In keeping with the bylaws for the Foundation, the same auditor as for NAPEG will be appointed for the Foundation. There was a motion by Katrina Nokleby, P.Eng., seconded by Lloyd Henderson, P.Eng., to approve the appointment of Avery Cooper and Co. Ltd. for the fiscal year ending December 31, 2019. The motion was carried.

8. Other Business

No other business was discussed. The next meeting of the Education Foundation Board is on Monday, April 8, 2019 at the NAPEG Ben Van Hees Boardroom.

9. Adjournment

There was a motion by Terry Brookes, P.Eng., to adjourn the meeting. Carried.
The meeting was adjourned at 6:07 pm.

Education Foundation Board Report

Karen Costello, P.Geo., FGC, Chair



The 2020 Annual General Meeting represents the end of my two year term as Chair for the NAPEG Education Foundation Board. The Foundation is a registered charity who's objectives are, simply stated, to promote training and education in the fields of engineering and geoscience and solicit, receive and accept all manner of contributions, gifts, bequests and legacies.

The Foundation Board was only able to meet twice since last year. A revised plan was presented by the Education Foundation Committee following feedback from the Board in the spring of 2019. Guiding principles for the Foundation Board were approved at the April meeting. Later in the year we met to review scholarship applications, and I am happy to report the Foundation presented 13 awards to northern students.

Three students were presented with Finnigan Northern Awards, for an opportunity to share their research work at northern geoscience events in the Yukon, Northwest Territories and Nunavut. Recognition was provided to the best presentation and best poster from students attending the Yellowknife Geoscience Forum in November 2019. A complete list of award recipients can be found within this annual report.

Over \$41,000 was donated towards the Craig Finnigan Northern Award in 2019. At this time I would like to acknowledge the efforts of Dr. Rob Carpenter and the many friends of Craig that have generously sent gifts to sustain the award for a number of years.

Across Canada several regulators are being challenged to separate advocacy, outreach, education, and soliciting sponsorship of events and donations from their regulatory functions. The NAPEG Education Foundation and interested professionals joined together for a strategic planning meeting on January 25, 2020 where this was the main discussion point.

To date, the Foundation has been the vehicle through which scholarships are presented. Moving forward, NAPEG and the Foundation Board are looking to consider how non-regulatory activities could possibly be consolidated to the Foundation. While this would represent a structural change for each organization it would not be a significant one as there would be no change to who does the work. Committees such as Outreach would report back to the Foundation Board, which includes the NAPEG Council.

A name change was also proposed to the NAPEG Foundation to reflect the potential broader list of activities it would address. The NAPEG Education Foundation has an opportunity to learn from experiences across Canada and moving forward look at a partnership model with NAPEG for activities (such as the National Engineering and Geoscience Professions Week) while proactively ensuring NAPEG's regulatory role is seen to be free from perceived conflicts.

I look forward to continue working with the volunteers who comprise the Foundation Board, Education Foundation Committee and staff. Together you bring energy and ideas.

Respectfully submitted,

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

Education Foundation Secretary-Treasurer Report

Linda Golding, FEC/FGC (Hon.)



2020 is the 15th year for the NAPEG Education Foundation. While the Foundation has grown and is financially stable, there are still some growing pains around the structure and plans for the long-term.

The primary focus of NAPEG is regulation, while the Foundation is a registered charity that encourages donations and provides receipts that can be used as a donation credit for income tax purposes. The Foundation has financial resources and programs that offer awards and scholarships to the youth of the North and to members seeking post graduate education.

There is discussion regarding projects for Foundation involvement, criteria for acceptable projects, and the possibility of the Foundation offering some forms of education to the membership, such as online ethics courses. On January 25 of this year, the Foundation held a planning meeting to consider possible future direction.

We know that the volunteer pool for both NAPEG and the Foundation is not a large pool so recognize that we cannot take on more than can be handled easily and effectively. The Foundation has no staff and it benefits from NAPEG human resources, NAPEG office space and equipment, and volunteers who are mainly members of NAPEG.

There was discussion at the Foundation Planning Meeting about the mandate of NAPEG, as a regulator, versus the objectives of the Foundation, as a Charity. Those present looked at NAPEG committees with a view to determining which committees have a direct or indirect regulatory function, and to consider if any NAPEG committees may not be seen to have a regulatory function. Should the committees that may not be regulatory be moved to the Foundation? The Outreach Committee may be relatively easy to align with the objectives of the Foundation. On the other hand, discussion regarding the Professional Development Committee was less clear. It has aspects that are both regulatory (mandatory CPD reporting) and non-regulatory (conferences, lunch time talks). Honours and Awards Committee is another category that could be facilitated by the Foundation. At the same time, the Act does speak to both Life and Honourary Memberships, which are awards for service.

There will be many discussions in determining the path forward. In the meantime, the regular work of the Foundation continues. This past year has seen approval of the Terms of Reference for the Education Foundation Committee by the Board of the Education Foundation. At the present time, this is the only committee under the Foundation and the committee develops documents, reviews scholarship and award applications, and makes recommendations to the Board.

Several awards and scholarships were approved and presented to the recipients in 2019. The names of the recipients are noted on other pages of this booklet.

Some documents that are still being reviewed and revised include: Long Term Plan for the Foundation; Criteria for Special Projects; a Memorandum of Understanding between NAPEG and the Foundation; a Budget Guideline; Review of application forms and criteria for awards and scholarships.

Thank you to the Board members and the members of the Education Foundation Committee for your dedication and commitment to ensuring the Foundation is relevant and sustainable.

Respectfully submitted,

Linda Golding, FEC/FGC (Hon.)

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.

Members of the Education Foundation Committee are: Chair: Christopher Hunt; Hendrik Falck, 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 Hoefer, P.Geo., and Peter Vician, P.Eng. have also contributed to the committee.

This committee reports to the Board of the Foundation.

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 were:

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.

The recipients in 2019 - 2020 are:

Northwest Territories: **Shelby Austin-Fafard** (University of Saskatchewan)
“Volcanic Setting of the South Sunset Rhyolite, Beau-lieu Volcanic Belt, Slave Province”

Yukon: **Nicola Denisova** (Memorial University)
“Stratigraphy, hydrothermal and tectonomagmatic environment of the Kudz Ze Kayah volcanogenic massive sulfide (VMS) deposits, Yukon.”

Nunavut: To be announced (Nunavut Mining Symposium will be held in Iqaluit, April 2020)

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 - 2018 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.

There were no applicants for the scholarship in 2019. We encourage northern registrants who are in full time studies to consider applying for this award.

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, Edward Hunt
2013/2014	Alexander Hunt, Ronald James Oolooyuk, Tristan Ogilvie, Wesley Lines
2014/2015	Abhinay Annavarapu, Garth Grune- rud, Martha Hamre, Julianna Neudorf
2015/2016	Julianna Neudorf, Nancy Ngo, Jamie Tennant, Neil Estuye
2016/2017	Julianna Neudorf, Jada Hawkins, Joshua Lee, Jennifer White
2017/2018	Audla Buchan, Rebecca Canam, Sarah Hart, Jada Hawkins, Brandon Jacobs, Kyle McKee, Julianna New- dorf, Dawson Stone, James Tennant, Jennifer White, Bishal Yadav

2018/2019	Akash Yadav, Bishal Yadav, Rebecca Canam, Jada Hawkins, Zakary Newdorf, Jennifer White, Nancy Ngo, Joshua Lee
2019/2020	Aiden Rylott, Akash Yadav, Ben Niven, Bishal Yadav, Jada Haw- kins, Jennifer White, Joshua Lee, Kyle McKee, Lily Allison, Nancy Ngo, Ronald Oolooyuk, Rosalie Suclan, Zak Neudorf.

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
2019 - 2020	Izabela Jasiak

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
2019 - 2020	Andy Wickham

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, Qitqliq 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
- 2003 Wade Carpenter, Sir John Franklin High School, Yellowknife
- 2004 Katie McDonald, Inuglak School, Whale Cove, and Alisha Manuel, Sir Alexander Mackenzie School, Inuvik
- 2005 Shelly Pittman, Mangilaluk School, Tuktoyaktuk
- 2007 Glen Brocklebank
Charles Lirette
- 2009 Abdus Salam
- 2010 Christina Silzer, St. Patrick's High School, Yellowknife
- 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 and Deborah Wotherspoon, Echo Dene School, Fort Liard
- 2014 Ryan O'Connor, Levi Angmak Elementary School, Arviat and Thana Rahim, St. Patrick High School, Yellowknife
- 2015 Jillian Brown, Mackenzie Mountain School, Norman Wells
- 2016 Steve Nicoll, Thomas Simpson School, Fort Simpson

- 2017 Beth Sampson, Kiilnik High School, Cambridge Bay; Ephraim Warren, Mangilaluk School, Tuktoyaktuk; Nathalie Lavoie, Thomas Simpson High School, Fort Simpson
Anna Cunningham, Diamond Jenness Secondary School, Hay River
- 2018 Jennifer, Giffin, Angik School, Paulatuk, and Juanita Balhuizen, Qitqliq Middle School, Arviat
- 2019 Trent Hamm, Weledeh Catholic School, Yellowknife

This year the Science Teaching Award goes to **Thana Rahim**, St. Patrick's High School, Yellowknife

INDEPENDENT AUDITOR'S REPORT

THE NAPEGG EDUCATION FOUNDATION
FINANCIAL STATEMENTS
FOR THE YEAR ENDED DECEMBER 31, 2019

INDEPENDENT AUDITOR'S REPORT

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INDEPENDENT AUDITOR'S REPORT

Continued



NAPEG
Education Foundation

February 24, 2020

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 blue ink that reads "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 (the "Foundation"), which comprise the Statement of Financial Position as at December 31, 2019, 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 Foundation as at December 31, 2019, 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 Foundation 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 Information

Management is responsible for the other information. The other information comprises:

- The information included in the Annual Report

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

In connection with our audit of the financial statements, our responsibility is to read the other information identified above 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.

The Annual Report is expected to be made available to us after the date of this auditor's report. If, based on the work we will perform on this other information, we conclude that there is a material misstatement of this other information, we are required to report that fact to those charged with governance.

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 Canadian accounting standards for not-for-profit organizations, 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 Foundation'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 Foundation or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Foundation'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 auditor's 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. h. Tel.

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

February 24, 2020



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

INDEPENDENT AUDITOR'S REPORT

Continued

THE NAPEGG EDUCATION FOUNDATION

STATEMENT OF FINANCIAL POSITION December 31, 2019

ASSETS		<u>2019</u>	<u>2018</u>
CURRENT			
Cash	\$ 24,110	\$ 18,738	
Short term investments (note 3)	218,809	133,000	
Interest income receivable	7,122	3,482	
Due from related party (note 5)	<u>521</u>	<u>-</u>	
	250,562	155,220	
INVESTMENTS (note 4)	<u>166,000</u>	<u>249,000</u>	
	<u>\$ 416,562</u>	<u>\$ 404,220</u>	
LIABILITY			
CURRENT			
Accounts payable and accrued liabilities	\$ 4,500	\$ 1,999	
FUND BALANCES			
UNRESTRICTED FUND per page 3	366,744	392,154	
CRAIG FINNIGAN NORTHERN AWARD FUND per page 3	44,318	9,067	
ICE ROAD JOINT VENTURE FUND per page 3	<u>1,000</u>	<u>1,000</u>	
	<u>412,062</u>	<u>402,221</u>	
	<u>\$ 416,562</u>	<u>\$ 404,220</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, 2019

	<u>2019</u>	<u>2018</u>
REVENUES		
Craig Finnigan Northern Award	\$ 41,650	\$ -
Interest income	6,449	4,877
Donations - Special - NAPEG	1,422	4,157
Miscellaneous income	1,296	-
Donations - Regular - Members	<u>773</u>	<u>698</u>
	<u>51,590</u>	<u>9,732</u>
EXPENSES		
Auditing fee	7,296	2,215
Craig Finnigan Northern Award	6,399	5,202
Geoscience Awards	2,000	2,000
Interest and bank charges	54	164
Scholarships - undergraduate	<u>26,000</u>	<u>16,000</u>
	<u>41,749</u>	<u>25,581</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENSES	<u>\$ 9,841</u>	<u>\$ (15,849)</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, 2019

	2019			
	Unrestricted Fund	Craig Finnigan Northern Award Fund	Ice Road Joint Venture Fund	Total
BALANCE, opening	\$ 392,154	\$ 9,067	\$ 1,000	\$ 402,221
Excess of revenues over expenses	9,841	-	-	9,841
Donations received during the year	(41,650)	41,650	-	-
Disbursements during the year	<u>6,399</u>	<u>(6,399)</u>	<u>-</u>	<u>-</u>
BALANCE, closing	<u>\$ 366,744</u>	<u>\$ 44,318</u>	<u>\$ 1,000</u>	<u>\$ 412,062</u>
	2018			
	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>

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, 2019

	<u>2019</u>	<u>2018</u>
CASH FLOWS FROM OPERATING ACTIVITIES		
Cash receipts from donations	\$ 45,141	\$ 4,855
Interest received	2,809	1,395
Cash paid for scholarships and awards	(31,898)	(23,402)
Cash paid to suppliers	<u>(7,350)</u>	<u>(2,380)</u>
	<u>8,702</u>	<u>(19,532)</u>
CASH FLOWS FROM INVESTING ACTIVITIES		
Advances to related party	(521)	-
Purchase of investments	(135,809)	(50,000)
Redemption of investments	<u>133,000</u>	<u>83,000</u>
	<u>(3,330)</u>	<u>33,000</u>
INCREASE IN CASH	5,372	13,468
CASH, opening	<u>18,738</u>	<u>5,270</u>
CASH, closing	<u>\$ 24,110</u>	<u>\$ 18,738</u>

See accompanying notes

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INDEPENDENT AUDITOR'S REPORT

Continued

THE NAPEGG EDUCATION FOUNDATION

NOTES TO THE FINANCIAL STATEMENTS

December 31, 2019

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, 2019

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) **Short term investments**

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 (2018 - \$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, 2019

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. SHORT TERM INVESTMENTS

	<u>2019</u>	<u>2018</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, 1.75% interest per annum, matures April 3, 2020	50,721	-
Non-redeemable GIC, 1.60% interest per annum, matures June 14, 2020	85,088	-
Non-redeemable GIC, 1.35% interest per annum, matures June 14, 2020	<u>83,000</u>	<u>-</u>
	<u>\$ 218,809</u>	<u>\$ 133,000</u>

INDEPENDENT AUDITOR'S REPORT

Continued

THE NAPEGG EDUCATION FOUNDATION

NOTES TO THE FINANCIAL STATEMENTS

December 31, 2019

4. INVESTMENTS

	<u>2019</u>	<u>2018</u>
Royal Bank of Canada:		
Non-redeemable GIC, 1.35% interest per annum, matures June 14, 2020	\$ -	\$ 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	83,000	83,000
	<u>\$ 166,000</u>	<u>\$ 249,000</u>

Investments maintained to cover the restricted funds of the Foundation. These include the Craig Finnigan Northern Awards Fund and the Ice Road Joint Venture Fund.

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)(l) 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.

The balance due from related party at year end is a donation that was accepted by NAPEG on behalf of the Foundation, is unsecured, non-interest bearing, due on demand, with no specified repayment terms.

During the year the Foundation received donations revenue from the Association totaling \$1,422 (2018 - \$4,157). 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, 2019

6. DISBURSEMENT REQUIREMENTS

The Foundation is a registered charity under the *Income Tax Act* (Canada) and as such is required to annually disburse 3.5% (2018 - 3.5%) of the average value of certain prior years' assets not used directly for charitable functions.

The amount to be disbursed is \$14,823 (2018 - \$7,263). Actual funds disbursed were \$41,548 (2018 - \$25,782). 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.

