

THE ACTUARIAL FOUNDATION OF CANADA  LA FONDATION ACTUARIELLE DU CANADA

TO: Members and Supporters of the Actuarial Foundation of Canada (AFC)

FROM: Board of Directors of the AFC

SUBJECT: Annual Report for year ending on December 31, 2023

DATE: June 18, 2024

The AFC's Board of Directors is pleased to present the Foundation's Annual Report to its members and supporters.

Highlights from the AFC in 2023 include the following:

- Total distributions to all beneficiaries of the AFC exceeded \$238,000, which represents an increase of 15% over 2022.
- The AFC distributed \$160,000 to partner organizations across Canada to support programs promoting mathematics education and enhancing financial literacy skills of youth.
- The AFC distributed \$60,000 to assist 14 students who are receiving the Equality of Opportunity Scholarships to support them in their university and college programs in mathematics and actuarial programs.
- The AFC received financial support of more than \$251,000 in 2023, which represents an increase of 15% over the results for 2022. The AFC appreciates this support and dedicates itself to making wise use of donations received.

We hope you are proud of what your Foundation has achieved! The remainder of this report provides more information on how these results were realized.

THE AFC: VISION, MISSION AND STRATEGIES

Vision

Canadians confidently pursuing a secure financial future.

Mission

Support youth financial literacy, education, and careers in actuarial and mathematical sciences.

Strategies

Fund programs across the country that promote the education of young Canadians in financial literacy and mathematical sciences.

Encourage students in their pursuit of study in actuarial and mathematical sciences through research and scholarships.

Promote equality of opportunity for a good education in underrepresented groups.

Obtain administrative support from the Canadian Institute of Actuaries (CIA) to improve the quality of our services and meet the requirements of a registered charity.

EQUALITY OF OPPORTUNITY SCHOLARSHIPS (EOS)

The AFC established the Equality of Opportunity Fund to promote diversity, equity and inclusion. Among other things, the fund provides EOS to eligible Canadian students who are facing financial and societal barriers to attending their desired university or college program. To be eligible, applicants must identify as either Black, Indigenous, or people of colour, be Canadian residents enrolled full-time at a Canadian college or university to pursue a program in actuarial science or math and maintain a GPA of at least 2.8.

The Scholarships and Bursaries Committee oversees the administration of all scholarships and bursaries that the AFC supports. The committee worked diligently to promote, administer and manage the scholarship program. We are pleased to announce that six new scholarships were awarded in 2023 for

periods up to four years. There are currently 14 students who have earned an EOS. Total payments for EOS amounted to \$60,000 in 2023.

WORKING WITH PARTNERS TO FULFILL OUR MISSION

The AFC works with carefully selected charities across Canada. This is an efficient way to reach to young Canadians all across the country with well-designed literacy programs. The AFC has developed a rigorous process to review all applications for funding support. In 2023, the AFC distributed \$160,000 to the below charities noted below.

1. Junior Achievement (JA) Canada (\$65,000)

The AFC's contribution to the JA financial literacy reached more than 2,000 students in Prince Edward Island, Nova Scotia, New Brunswick, Quebec, Ontario, Manitoba and Saskatchewan.

2. Pacific Institute for the Mathematical Sciences (PIMS) (\$15,000)

PIMS is a consortium established by major universities in Western Canada. Contributions from the AFC sponsored teacher workshops and summer schools targeted to underserved communities as well as the annual Indigenous Math Symposium at the University of British Columbia.

3. Verna J. Kirkness Science and Engineering Education Program (VJKSEEP) (\$15,000)

VJKSEEP addresses the under-representation of Indigenous students at Canadian universities by offering scholarships to Indigenous grade 11 students to spend one week in a campus research laboratory. During the week, students meet role models, learn about support systems on campus and experience the excitement of doing research.

The AFC provided a memorial award to recognize Tony Williams, FCIA who passed away in 2023. Tony dedicated himself to indigenous education and the work of the VJK organization and has left a remarkable legacy.

4. Toronto Foundation for Student Success (TFSS) (\$12,000)

The TFSS is a charity delivering after-school programming for low-income families in the Greater Toronto Area. The AFC has sponsored a financial literacy program as part of their Beyond 3:30 program to help develop lifelong skills.

5. Girl Guides of Canada (GGC) (\$12,000)

AFC support enabled the GGC to provide four one-time scholarships of \$3,000 for grade 12 graduating female students pursuing post-secondary education in math, actuarial or computer science programs.

6. Science and Mathematics in Action (SMAC) (\$10,000)

SMAC is a project coordinated by Laval University with a mandate to awaken and strengthen youth interest in science and mathematics by providing teachers with access to interactive educational tools that help to demystify mathematics.

7. Girls to the Power of Math (G^M) (\$10,000)

G^M helps elementary school students in British Columbia who identify as girls to develop math skills through mentoring by older females.

8. Youth Sciences Canada (YSC) (\$5,000)

YSC is a registered charity that exists to fuel the curiosity of Canadian youth through science, technology, engineering and mathematics projects. Their main activity is their Canada-wide science fair. AFC funding supported awards for different ages and general expenses of the science fair.

9. Canadian Mathematical Society (CMS) (\$5,000)

The CMS promotes and advances the discovery, learning and application of mathematics across Canada. The AFC supported math camps, competitions and the CMS Closing the GAP initiative for underrepresented groups.

10. Shad (\$5,000)

AFC funding supports Shad's enrichment program that runs every July on university campuses across Canada for grade 10 and 11 students. Students are immersed in an intense curriculum of lectures, labs and workshops to develop science/tech/engineering/arts/math and entrepreneurial experiences.

11. Leacock Foundation (\$5,000)

The AFC supports Leacock's Thinkers and Doers program which provides learning opportunities such as coding. The program engages 20-25 grade 9 to 12 students who serve as volunteers for 200 grade 1 to 6 students in schools in lower income areas of Toronto.

OTHER EDUCATION ACTIVITIES

Every 2-3 years, the AFC provides the Maple Leaf Research Award to a deserving student to help them in their university education. This award was made possible by a generous contribution from Joe Cheng. Congratulations to 2023 winner Cherie Ng for her paper entitled “Flexible Benefit Plans: A Pricing Based Approach”. Cherie worked with Barbara Sanders and Jean-François Bégin from Simon Fraser University on this paper.

The AFC supports high school and university students pursue math and actuarial education through scholarships. The Hugh White Memorial Scholarship program, administered by the AFC, offers scholarships at two high schools attended by Hugh White and his children. The University of Manitoba administers the James Anderson Bursary fund and Memorial Scholarship fund, originally established by the AFC in collaboration with The Actuarial Foundation (US).

SUPPORTING THE AFC’S WORK

The AFC receives financial support from individual members, corporations and professional actuarial organizations. On behalf of the many beneficiaries of the AFC’s work, the Board expresses its appreciation for the generous support provided to the AFC.

Total fundraising in 2023 totalled \$251,400 as compared to almost \$219,000 in 2022 from the following groups of donors:

- **Individuals:** The AFC reaches out to individual actuaries to seek support for programs to be funded in the following year. The fall 2023 campaign generated support of more than \$71,000 from 160+ donors.
- **Actuarial groups:** The Canadian Institute of Actuaries, Casualty Actuarial Society and Society of Actuaries provide generous financial support of more than \$89,000. The AFC is also grateful for the valuable administrative services of nearly \$22,000 that the CIA Head Office provides.
- **Actuarial corporations:** The AFC continued to reach out to corporations that employ actuaries in Canada. We focused on support for the scholarship and diversity, equity, and inclusion initiatives and were gratified to receive more than \$69,000.

Appendix B contains a list of AFC donors in 2023. Your support has enabled the AFC to further increase its program and scholarship support. You are making the good work of the AFC possible. Thank you to all AFC supporters!

FINANCIAL ACCOUNTABILITY

The AFC Board works closely with the CIA Head Office to ensure that appropriate financial procedures are in place and is committed to have full disclosure of its operations to members and supporters. The AFC is conscious of its responsibilities to make good use of funds provided as well as its responsibilities as a registered charity.

The fund and scholarship program is administered by the AFC with support from the CIA. The AFC will issue tax receipts, invest, and manage all donations to the fund; promote the award among the actuarial community; and administer the annual distribution of the scholarships.

The accounting firm BDO Canada audited the financial statements and confirmed to the Board that there were no significant items requiring attention in the review of operations for 2023. Copies of the 2023 audited AFC financial statements will be posted to the AFC website shortly after they are approved at the AFC's Annual General Meeting (AGM) on June 18. All required filings required by the Canada Revenue Agency and the *Canada Not-for-profit Corporations Act* are current.

Appendix A contains an excerpt of the income statement contained in the financial statements as at December 31, 2023. The balance sheet shows total assets of \$380,000 which are allocated to the General Operating fund and the three designated funds (Hugh White, Equality of Opportunity and Maple Leaf Research Award).

The Finance and Audit Committee monitors the AFC's investment strategy which the AFC expects can enhance returns with acceptable prudence and maintain the real value for future disbursements. The Finance and Audit Committee carefully monitors the ratio of unrestricted assets to program spending to ensure sound and sensible operating guidelines and to reflect a new emphasis on putting donor money to work sooner.

LOOKING AHEAD

The AFC established a program spending budget for 2024 early in the new year. Total revenues including donations in kind and investment income are projected to exceed \$295,000 which represents growth of 8.3% over 2023.

Total distributions are expected to increase to \$246,000 in 2024 (we do not expect to award the Maple Leaf Research Award in 2024). These are ambitious goals that will take support from the full AFC family to achieve.

In order to communicate effectively with its various audiences, the AFC maintains a website with the support of the CIA Head Office. Visit our website at www.afc-fac.ca to stay abreast of the AFC's many activities. This Annual Report will be posted to the website after the AGM of Members on June 18, 2024.

The AFC is working hard on several promising initiatives in the field of youth financial literacy and math education, where there is a strong link to the actuarial profession. The Board is confident that our work is a positive reflection on the actuarial profession in Canada.

Respectfully submitted on behalf of the Board of the AFC,
Rob Stapleford, FCIA, FSA
Chair of the Actuarial Foundation of Canada

APPENDIX A: EXCERPT FROM 2023 FINANCIAL STATEMENTS

	Income Statement				
	31-Dec-23 Amalgamated	31-Dec-23 General	31-Dec-23 Hugh White	31-Dec-23 Maple Leaf	31-Dec-23 Equality of Opportunity
Revenue					
Donations - Individuals, Tax Received *	\$ 71,027	\$ 64,140	\$ 1,857	\$ 102	\$ 4,928
Donation - Corporate, Tax Received	\$ 69,180	\$ 14,180	\$ -	\$ -	\$ 55,000
Contributions from CIA, SOA, and CAS	\$ 89,609	\$ 89,609			
Contributions in Kind	\$ 21,575	\$ 21,575			
Unrealized Gain (Loss) on Investment	\$ 13,754	\$ 1,908	\$ 4,847	\$ 6,827	\$ 172
Investment Income	\$ 7,856	\$ 2,794	\$ 1,541	\$ 2,788	\$ 733
Interest	\$ 13	\$ 13	\$ -	\$ -	\$ -
Gain on Investments and Foreign Exchange	\$ -	\$ -	\$ -	\$ -	\$ -
	<u>\$ 273,014</u>	<u>\$ 194,219</u>	<u>\$ 8,245</u>	<u>\$ 9,717</u>	<u>\$ 60,833</u>
Program Expenses					
Student Math/DEI Initiatives	\$ 160,100	\$ 160,100			
Student Math Funding Carryforward	\$ -				
Awards - Maple Leaf Award Fund	\$ 15,000			\$ 15,000	
Consumer Financial Literacy	\$ -				
Scholarships - H. White Fund	\$ 3,200		\$ 3,200		
Scholarships - EOS Fund	\$ 60,000				\$ 60,000
	\$ -				
Administrative Expenses	\$ -				
	\$ -				
Administrative Support	\$ 9,522	\$ 9,522			
Audit	\$ 10,882	\$ 10,882			
Professional Fees	\$ -	\$ -			
Staff Travel	\$ -	\$ -			
Telephone/Teleconference	\$ -	\$ -			
Website and Internet Services	\$ 684	\$ 684			
Translation and Editing	\$ -	\$ -			
Credit Card Fees, Bank Brokerage, etc	\$ 2,026	\$ 2,026			
Loss (Gain) On Investment, Foreign Exchange	\$ 506	\$ 506	\$ -	\$ -	\$ -
Change in Value of Investments	\$ -	\$ -			
Shipping	\$ -				
Public Relations	\$ -	\$ -			
Miscellaneous Expense	\$ -				
Gifts (Pins)	\$ -	\$ -			
	\$ -	\$ -			
Total Expenses	<u>\$ 261,920</u>	<u>\$ 183,720</u>	<u>\$ 3,200</u>	<u>\$ 15,000</u>	<u>\$ 60,000</u>
Surplus (Deficit)	<u>\$ 11,094</u>	<u>\$ 10,499</u>	<u>\$ 5,045</u>	<u>\$ (5,283)</u>	<u>\$ 833</u>

APPENDIX B: Donors to the Actuarial Foundation of Canada in 2023

The Actuarial Foundation of Canada sincerely thanks the following individual and corporate contributors for their much appreciated financial support in 2023:

\$20,000 and more

Canadian Institute of Actuaries
Empire Life
Society of Actuaries
Sun Life Financial
Young, William

\$10,000 to \$19,999

Casualty Actuarial Society
Intact Insurance

\$5,000 to \$9,999

iA Financial Group

\$2,000 to \$4,999

Cheng, Joe
Dussault, Claude
McInerney, Barry and Rose
Ngai, Paul

\$1,000 to \$1,999

Brierley, James
Brown, Alexander
Connor, Dean
Edwards, Al
Giffen, Sharon
Giguère, Michel
Gilliland, David
Lacroix, Marthe
Luxton, Eileen
Marsh & McLennan Companies
Moore, Christopher (Kit)

\$1,000 to \$1,999

Naumann, Bernard
Potts, Cynthia
Shell, Arnold
Stapleford, Ruth and Rob
1 anonymous donor

\$500 to \$999

Adelson, Valérie
Bharmal, Shiraz
Brooks, Douglas
Christie, John
Cooke, Alan
Dionne, Michel

Ethier, Sébastien
Gardner, John
Hainer, Monica
Hirji, Rahim
Kaiser, Greg
Morton, David

Oakden, David
Snell, James
Uez, Elysia
1 anonymous donor

\$250 to \$499

Béliveau, Richard
Boeckner, Robert G.
Bonnar, Steve
Charest, Mathieu
Cheng, Stephen
Cohen, Michael

\$250 to \$499

Dion, Giles
Dionne, Micheline
Easson, Steve
Ens, Marvin
Ferland, Martine
Fillion, Marco
Geretto, Gaetano
Gros, Barry
Hogeboom, Douglas
Hyland, Kathryn
Kirr, Martin
Kopp, Steve
Lepage, Pierre
Lindo, Dawn Michelle
Lockridge, Karen
Manulife
McGaire, Scott
McIntosh, Monica and John
Ohanessian, Dikran
Paquette, Sylvie
Pelletier, A. David
Plouffe, Denis
Potvin, Jacques
Prince, Steven
Raheb, Dave
Ricard, Denis
Saucier, Alain
Sauvé, André
Thibault, Alain
Witts, Ashley
2 anonymous donors

APPENDIX B: Donors to the AFC in 2023 (continued)

The Actuarial Foundation of Canada sincerely thanks the following individual and corporate contributors for their much appreciated financial support in 2023:

\$150 to \$249

Achoy, Wendy and Walton
 Adams, Ronald
 Cantin, Claudette
 Den Heyer, Maarten
 Di Renzo, Denise
 Fraser, Ken
 Friedland, Jaqueline
 Gabriel, Joseph
 Hafeman, Michael
 Paradis, Claude
 Posner, Marshall
 Rausch, Rick
 Solomon, William
 Thompson, Kathleen
 Vaillancourt, Jean
 Wilson, Debbie
 1 anonymous donor

\$100 to \$149

Adam, Louis
 Alcott, Susan

\$100 to \$149

Allain, Michel
 Babcock, Wafaa
 Bilodeau, Claire
 Bolduc, Réal
 Brown, Martin
 Challes, Gordon
 Choquet, André
 Duffy, Neil
 Garand, Heidi
 Genest, François
 Girouard, Yves
 Guillot-Lafrance, Olivier
 Jasmin, Matthieu
 Lafleur, Jean
 Le, Ngoc Thi Bich (Vy)
 Marshall, Benjamin
 Moody's Corporation
 Nunes, Paula and Joe
 Ouellet, Tommy
 Panjer, Harry
 Pellerin, Luc

\$100 to \$149

Primeau, Jean-Claude
 Smith, McKenzie
 Steinke, Lloyd
 6 anonymous donors

\$50 to \$99

Boivin, Michèle
 Burke, Dave
 Charest, Mathieu
 Dubé, Jérôme
 Greer, Stephanie
 Houde, Louis-Marie
 Kernisant, Marc-Edouard
 Melbourne, Geoffrey
 Reck, Heike
 Toop, Geoffrey
 Valenti, Valerio
 3 anonymous donors

\$49 or less

35 individual donors