

2023 Annual Report

EDUCATION FOR THE FUTURE:

Forging Social Connections and Strengthening Communities



Fondation Arbour
Sapere aude!



“Throughout his life, Pierre recognized the key role higher education played in stimulating Québec’s economic development and competitiveness. His Foundation will continue on his legacy by encouraging success in higher education in Quebec.”

Philippe Arbour,

Pierre’s son and Chairman

CREATION OF THE FOUNDATION

The Arbour Foundation was created as a result of Mr. Pierre Arbour donating all of the shares of his private company, Alkébec Inc., valued then at \$9 million in 2005. Created December 30th, 2005, the Foundation operates under article 149(1)(F) of the Income Tax Act

MISSION OF THE FOUNDATION

The mission of the Foundation is to grant scholarships to deserving students in financial need at the master’s and doctorate levels in three disciplines having been identified as most likely to foster economic growth: engineering, computer science and business administration.

PLEDGE OF THE ARBOUR SCHOLARS

“I pledge to act with honesty and integrity while respecting human rights and dignity. I will strive to create sustainable prosperity and I will oppose corruption and exploitation. As I hold true to these principles, I will achieve peace of mind and a righteous reputation.”

TABLE OF CONTENTS

Our Values	2
A word from our Chairman of the Board	4
A word from our Chief Executive Officer	8
André Laurin passed away on January 7, 2024	10
A new Board member: Marianna Simeone	11
The Board of Directors	12
The Arbour Foundation’s Team.....	14
Our Scholarship Programs.....	16
An Arbour Scholarship: What it means to our scholars	17
Our partners	18
Our scholars 2023-24	20
Our support to technological entrepreneurship	24
3rd Pierre-Arbour Honorary Award awarded to Elisabeth Viau.....	26
Our mentorship program goes beyond financial support	27
Events organized by the Foundation in 2023.....	28
Achievements and successes of our scholars.....	30
Key Performance Indicators	40
Recognition Wall - 2023 Donors.....	44

Preamble

The Arbour Foundation is committed to financing and backing deserving students who possess a series of praise-worthy intellectual and moral qualities, whilst also giving consideration to difficulties which may have been overcome by applicants.

The Arbour Foundation is committed to defending the Enlightenment values and principles exemplified by the sharing of knowledge, the elevation of reason, the promotion of science and humanism.

We believe that the principles underpinning the Enlightenment are axiomatic and are pillars for quality education, transcending both time and borders. The Arbour Foundation encourages universities to defend these principles.

The Arbour Foundation also encourages students in their discovery of the Enlightenment principles underpinning the Enlightenment by carefully considering and reflecting on the Foundation's statement of values.

OUR VALUES

Our statement of values

Value 1: Diversity of opinion / Freedom of speech and expression

The Arbour Foundation:

- believes that every individual should have the right to express his or her opinions and is justified in standing up to those who attempt to suppress debate. A corollary to freedom of speech is the right of people to hear the ideas of others, in order to be able to form nuanced opinions based on hearing multiple and divergent arguments;
- encourages people to actively engage in good-faith discussion, civil debate, and conversation to foster a greater understanding and to flesh out areas of knowledge which require further elaboration and debate.
- promotes scientifically minded dialogue which aims to rank-order competing claims based on the strength of objective analysis;
- considers that all domains of knowledge and scientific enquiry can lead to a better understanding of the human condition and complex phenomena;
- endorses the adoption of the Chicago Principles. According to these principles, no debate should be suppressed on the basis that ideas are «disagreeable, offensive, unwise, immoral, or wrong-headed»; and
- believes that people should be respectful of others' choices so long as such choices do not impede on the personal choices or the liberty of others.

Value 2: A commitment to rational thought

The Arbour Foundation:

- encourages secular, logical, objective thought and its systematic application in an impartial and disinterested way with the aim of uncovering the truth and of discerning facts from ideology, which will almost inevitably interfere with the quest for the truth;
- believes that reason and knowledge based on a scientific rank-ordering of competing claims must prevail over ideology, and that knowledge must never be suppressed. An attempt should be made to fine tune ideals to reflect the facts, including a fundamental human nature, as well as the practicalities of everyday life;
- supports the use of the scientific method and proposes the adoption of a Bayesian approach which seeks to incorporate new information to refine formulations, ideas and to improve theories, and to discard discredited or false ones, with the aim of improving the body of knowledge. We are agnostic to results whether consistent with a priori expectations or not; and
- believes that every field of study that is capable of evaluation under the scientific method must be prepared and willing to submit its claims and premises to empirical testing.

Value 3: A judicious application of knowledge

The Arbour Foundation:

- encourages individuals to use discovered truths and facts wisely, and apply themselves to solving problems with the objective of improving the human condition as well as the world we live in;
- encourages individuals to recognize that changes in the status quo inevitably leads to trade-offs. The scientifically-minded approach is to identify and quantify such trade-offs and carefully consider the law of unintended consequences; and
- encourages critical thinking to avoid policies and plans which may appear well-intentioned, but which are not backed by the latest scientific findings and body of literature.

Value 4: Individual responsibility, meritocracy, and equality of opportunity

The Arbour Foundation:

- judges the individual on merit, without regard to characteristics such as ethnicity, gender or religion;
- believes that each individual should assume personal responsibility and must act based on freewill. We hold that intent is demonstrated through action;
- believes that concerted efforts must be made to remove obstacles that stand in the way of the principles of free choice and equal opportunity; and
- believes that the pursuit of equality of outcome is incompatible with the principles of equality of opportunity and meritocracy.



A WORD FROM OUR CHAIRMAN OF THE BOARD

It is with regret and sorrow that I start my Chairmans' letter by announcing the passing of my friend and Foundation board colleague, André Laurin. André passed away on January 7, 2024, at the age of 62, following a valiant battle with a rare form of cancer, leaving behind his wife Toki, his son Max, and his two daughters Alexa and Xara.

I would like to give thanks and praise to André, who served the Foundation and its scholars with passion and enthusiasm over the last decade. André was one of the driving forces behind the creation of the mentorship programme, which is one of the benefits offered to selected Arbour Foundation scholars; and which has been so consistently highly rated over the years.

André was also one of the voices which sought greater connectivity between the Foundation's activities and the business community. Indeed, the Foundation has managed several prestigious internships with our scholars, some culminating in full time employment offers.



André as a Friend

I met André around 1994, when I was 14 years old. He had struck up a friendship with my father Pierre, and the two of them would go running together on the Mount-Royal. Despite the 18-year age gap between André and I, he always gave me the time of day and took interest in what I was up to or what I had to say. As a teenager, it was difficult not to admire André: he was handsome, sporty, cracked the funniest jokes and always turned up in the gnarliest of sports cars.

When I turned 18, studying in the Eastern Townships, André and I maintained our friendship and often skied together in Vermont during weekends. I would often drive while André told the jokes; and more than once, I was forced to pull over the car and park it alongside a snowbank as we laughed so hard. The kind of laughter that makes you feel like you had a workout.

André and I kept in touch while I moved to the UK to study at Durham University, only to subsequently settle down in London. But what a treat

when my Father invited me to join the board of the Foundation in 2015 to find that André would also be a director.

As a serial entrepreneur, André brought unique energy to the board, which was additive to the board dynamic. Further, André was highly supportive to me following the passing of my father (and his friend) Pierre in 2018.

André, I will always be grateful for your support and friendship. You will be sorely missed but not forgotten. May you rest in peace.

The things that really matter

As André's passing demonstrates, life on Earth is short and precarious.

Using a probabilistic framework, the chances of life on Earth appear indistinguishable from zero. And yet, here we are, 8 billion of us inhabiting this Earth, up from 4.9 billion in 1985.

With so many people on Earth, why is it that so many young people are single and/or lacking friendships?



According to Pew research, 63% of 18 to 29 year-old young men are single, which compares to 34% of young women in the same age bracket. Overall, the share of unpartnered 25-54 year olds has increased from 29% in 1990 to 38% today.

Paradoxically, the proliferation of dating apps, and the corresponding rise of a “swipe right” culture may be to blame. The illusion of plenty, may be reducing the perceived value of each single individual. To borrow from economics, this looks like a classical downward-sloping demand curve.

And many researchers believe that the Covid-19 pandemic may have complicated matters, which feels intuitively correct.

As a young Gen X / old Millennial, I have no shame admitting I met my wife on a dating website. There was obviously a spark from the moment we met for a drink, but equally we both invested the time to get to know each other, with neither of us bailing for the exit at the first sign of trouble. We worked through it. 12 years later, we now have a daughter and a son, which despite siphoning off hours of sleep have changed our lives for the better. I would not have it any other way.

There is no doubt that starting one’s career is exciting and that financial concerns are real: from paying off a student loan to securing a first mortgage. But the point is that life goes on. Life is short, and the things that matter the most are found in family, friendships, and children. There is a time and a place for everything, but forward planning and developing a multi-faceted vision for your life requires consideration, planning and investment.

The Foundation exists to help finance the education of deserving students, to help them secure the necessary credentials and contacts to successfully launch their careers and to contribute to society in a manner which is proportionate to the efforts and talents of the individual. But it equally would be a dereliction of duty not to encourage our scholars to also form friendships and relationships, in the same way that your doctor might recommend you get some exercise as part of a healthy lifestyle.

The solution is not all that difficult to implement, but does require a change in habits: so drop the phones and virtual working, go into the office, join a sports team, make friends,





and go out for a pint to meet people. You can thank me later.

The Foundation's activities

The Foundation continues to build and solidify its relationships with partner universities and students alike.

Over the last 24 months, we have onboarded Bishop's University as a university partner, and in 2023 we onboarded the INRS and Université Laval. The first is a practical research-focused and result-based faculty of higher learning in the Montreal area and the second is the very first French-language university in North America. We are delighted to be broadening the church of university partners, and to continue our mission of identifying deserving students to finance among a wider pool of candidates.

For the year 2023/2024, we have authorized 43 scholarships totaling \$935,000. We continue to be highly focused on carefully managing the Foundation's assets in a manner that will allow it to remain a reliable funding partner to the universities by ensuring a consistency in the level of philanthropic donations in any given year.

As ever, I am proud of the achievements of our scholars, and I trust that they will continue to act in a way that is consistent with our values: upholding freedom of speech, the scientific method and humanism. There is no shortcut to a better world, which can only be ushered in by assiduous individuals that strive for excellence in their respective fields, and who recognize the power of allowing maximal liberty in the marketplace for ideas.

Philippe Arbour,

CFA



A WORD FROM OUR CHIEF EXECUTIVE OFFICER

Dear Friends of the Arbour Foundation,

As we turn the pages of our 2023 Annual Report, I would like to express my gratitude for your continued support.

We have recently witnessed a thirst for transformation in higher education by our young people, a demand we cannot ignore. This year has indeed been marked by deep and meaningful discussions on what higher education should be for our times, and I'm happy to share a few thoughts with you.

At the Arbour Foundation, and in the world of education in general, our responsibility to young people should not be limited to giving them access to a quality education; we must also ensure that we have a deep understanding of their needs and aspirations.

Recently, at the largest-ever global consultation of young people («Youth Talks»), a demand for transformation resounded with force: that of a higher education that values values and virtues such as respect, empathy, open-mindedness, solidarity, and many others. These values are not new, but they are coming back insistently in young people's demands, as fundamental skills for social harmony and global citizenship. So what does this mean? What are these young people telling us when they prioritize learning these values over traditional subjects such as social sciences or mathematics?

It seems to me that this demand for an education that cultivates fundamental human values should in no way be interpreted as a lack of interest in traditional academic disciplines.

Science, technology, engineering and mathematics remain crucial, and the suppression of these disciplines on the pretext that they carry the values of some kind of supremacy is, in my humble opinion, an erroneous and dangerous analysis for the future of humanity.

Rather, these demands from young people point to a lack - that of the ability to forge social bonds, to build tomorrow's society together. This reflects a growing awareness that

education cannot be confined to imparting knowledge; it must also forge social skills. These social skills are indispensable for the collective action needed to meet the challenges of our time.

In fact, these calls for educational transformation are perfectly in tune with technological evolution, particularly where artificial intelligence is concerned. Tomorrow's skills will not be limited to technical mastery; they will require profoundly human qualities that technology cannot replace. In a world where artificial intelligence and technology are redefining knowledge and know-how, education needs to focus even more on interpersonal skills. If once our hands worked the land, and today our brains explore the stars, tomorrow we'll have to learn with our hearts too. Creativity, ethics, and humanity cannot be programmed into an algorithm, and remain our most precious distinction.

The challenge before us is therefore considerable and demands a measured approach.

We are the guardians of an educational heritage built on centuries of progress. Today, faced with the calls for transformation emanating from our youth, we owe it to ourselves to move forward without compromising the pillars that underpin our educational programs. These pillars have guided humanity away from the abyss of chaos, often fuelled by superstition and beliefs without scientific foundation. It is our responsibility to ensure that the values of rationality and scientific progress, which have contributed so much to our development and well-being, continue to coexist with the new avenues of learning that our young people are seeking.

But we need to listen more carefully than ever. Young people are crying out for a reaffirmation and integration of the essential social and interpersonal skills that have always been the fabric of thriving societies. They urge us to see education not only as the transmission of knowledge, but also as a means of strengthening the social fabric through shared values and collective skills. We must heed their calls.

It's an invitation to enrich our education systems, to make them even more comprehensive and adapted to a world undergoing profound change, where polycrisis (war, environmental crisis, health crisis, drastic technological change) never ceases to remind us of the complexity we face. We need to consider major improvements that respond to these challenges, without abandoning the solid foundations on which we have built modern knowledge. The challenge is enormous and requires the active and collective mobilization of all those involved in education. The Arbour Foundation is part of it!

Thank you for your commitment and look forward to working with you in the years ahead. Education is the key to social and individual transformation.

With sincerity and determination,

Marine Hadengue,
CEO

* Youth Talks is a groundbreaking initiative that marks the first and largest-ever global consultation inviting individuals aged between 15 and 29 to share their opinions, concerns, and aspirations regarding the future of our societies by answering open-ended questions. By analyzing the responses using advanced AI tools such as semantic and lexical analysis, Youth Talks aims to collect valuable insights without imposing ideas or biases onto the young people. This approach is unique and differs from traditional surveys. Since our launch in 2023, Youth Talks has engaged over 45,000 young people from 212 countries, sharing around 1 million ideas.

ANDRÉ LAURIN PASSED AWAY ON JANUARY 7, 2024

André Laurin was much more than a member of the Arbour Foundation's Board of Directors; he was a friend and an ardent supporter of the Foundation's mission and values.

André was an outstanding entrepreneur and sports enthusiast, a mentor and inspiration to many. His vision and dedication were invaluable. His passing leaves a great void.

To his family, loved ones and all those who held him in high esteem, we extend our deepest condolences.





A NEW BOARD MEMBER: MARIANNA SIMEONE

On November 27, 2023, the Arbour Foundation welcomed its newest member of the Board of Directors: Ms. Marianna Simeone.

Marianna Simeone has enjoyed a distinguished career in international relations, communications, journalism, and international business development. She is regarded as an influential and respected figure in Italy and her native Quebec, Canada.

For 14 years, Marianna was the Executive Director of the Italian Chamber of Commerce in Canada. Under her leadership, the organization became one of the most successful in the worldwide network of Italian Chambers of Commerce abroad.

Marianna's outstanding communication's skills have earned her recognition on major Canadian media networks. Her career spanned nearly 20 years as a radio and television host, columnist and reporter, working in English, French and Italian. Her contributions to media and her journalistic work have earned her several prestigious awards.

In 2017, Marianna Simeone was appointed as the Quebec Delegate to Italy. Her six-year tenure saw her deepening relations between Quebec and Italy, contributing to ever-increasing trade relations and forging partnerships in the fields of culture and science.

Marianna has been honoured with the Order of Italy for her journalistic work, service to the Italian community and contributions to Canada-Italy relations.

The Italian province of Benevento has designated her "Golden Gladiator" and the Italian Chamber of Commerce in Canada, recently named her "Grand Ambassador".

We are privileged to count on her vast expertise that brings much added value to our Board of Directors. We wish her every success.

THE BOARD OF DIRECTORS



Philippe Arbour

Philippe Arbour is pursuing a career in private equity & private capital in London. Philippe was most recently Managing Director at Intermediate Capital Group (ICG), a multi-asset class investment manager. Prior to ICG, Philippe was a partner at London-based Palamon Capital Partners, a European middle market private equity firm. Before joining Palamon in 2013, Philippe spent 10 years at Lloyds Banking Group where he worked across a number of areas including trade finance, specialist credit, and leveraged finance. In 2010, he was seconded to 3i PLC, a British private equity firm. Philippe holds the CFA designation and has a Masters in Finance & Investment from Durham University (UK) and a Bachelor in Business Administration (Honours Economics) from Bishop's University.



Marine Hadengue

Marine Hadengue has been CEO of the Arbour Foundation since 2018. A former Foundation scholar, Marine holds a Bachelor's degree in mechanical engineering from Polytechnique Montréal, a Master's degree in political science from Université de Montréal and a PhD in innovation management from Polytechnique Montréal. She did her post-doctorate at Polytechnique Paris. She has served as Executive Director of the Higher Education for Good Foundation (HE4G) since 2022, a Swiss-based non-profit organization dedicated to helping educational institutions transform their programs to meet the demands of the mid-21st century. In this role, Ms. Hadengue leads Youth Talks, an initiative that marks the first-ever global youth consultation, posing open-ended questions to young people around the world and using advanced AI tools to analyze their responses. She is also a professor at SKEMA Business School, and a member of the International Advisory Board of the Peter Drucker Society.



Me Michel Brunet

Me Brunet practices corporate and commercial law at Dentons Canada LLP's Montreal office. He focuses on the sale and acquisition of business corporations and on their financing needs. Mr. Brunet previously held positions at Fraser Milner Casgrain (FMC), one of Dentons' three founding firms, namely National CEO.



Diane de Champlain

Most of her career has been spent in the world of communications and philanthropy. A graduate of the Université de Montréal and HEC Montréal, she was President of the Parents Association of Collège Jean-de-Brébeuf and a member of its board of directors. Later, she was entrusted with the reins of the Polytechnique Foundation as President and Chief Executive Officer whose mandate was to raise \$100 million for Polytechnique as part of the Campus Montreal campaign. The goal was exceeded with \$111 million collected, she decided at the end of the Campaign, in October 2017, to leave and continue to devote herself to other causes that are dear to her heart. Since 2017, she has been a member of the Board of directors of the Fondation des artistes, a Foundation that supports artists who encounter financial difficulties during a low point in their careers.



Marianna Simeone

Marianna Simeone has enjoyed a distinguished career in international relations, communications and journalism. For 14 years, she was the Executive Director of the Italian Chamber of Commerce in Canada. Under her leadership, the organization became one of the most successful in the worldwide network of Italian Chambers of Commerce abroad. Her outstanding communication's skills have earned her recognition on major Canadian media networks. A radio and television host, columnist and reporter, working in English, French and Italian, her 20-year career in journalism earned her several prestigious awards. In 2017, she was appointed as the Quebec Delegate to Italy. Her six-year tenure saw her deepening relations between Quebec and Italy, contributing to ever-increasing trade relations and forging partnerships in the fields of culture and science. She has been honoured with the Order of Italy for her journalistic work, service to the Italian community and contributions to Canada-Italy relations..



André Monette

Mr. Monette graduated magna cum laude as a chemical engineer from Polytechnique Montréal and received a diploma in advanced management from Harvard University. He was President and CEO of Johnson & Johnson France, then became President and CEO of Janssen Pharmaceutical in Toronto. He has acted as President of the governance committee at the R.E. Fund of Fonds de Solidarité des Travailleurs du Québec (FSTQ) and served as a member of the board of several institutions including Investissement Québec and the Real Estate Fund of the FSTQ. He has served as a member of the investment committee of several institutions including the New Economy of the FSTQ and Amorchem, an institutional life science investment fund.

THE ARBOUR FOUNDATION'S TEAM



Joëlle Dorais

Executive Assistant

As Executive Assistant of the Arbour Foundation, Joëlle is the first contact point with the Arbour community. She assists the CEO with strategic development and the promotion of the visibility and mission of the Foundation, in line with the values of its Founder, Mr. Pierre Arbour.



Hussein Slim

Communications Advisor

Hussein received his PhD degree in electrical engineering from École de technologie supérieure. His research aimed at investigating and designing approaches and models to classify and quantify uncertain information for performance and safety assessments in complex sociotechnical systems. As Communications Advisor, Hussein puts forward the Arbour Community and provides technical and creative support to the Foundation.



Émilie Thibault

Public Relations Advisor

Émilie received her PhD at Polytechnique Montréal in environmental design. Her research aimed at improving decision making related to design and operations in complex industrial environments through real-time data. She was awarded the Pierre Arbour Honorary Award in 2019. As Public Relations Advisor, Émilie showcases inspiring members of the Arbour community.



Amandine Gesta

Representative of the entrepreneurship program

Amandine represents the Arbour Foundation at the various incubators/accelerators associated with our partner schools in order to promote our entrepreneurship funding program.



Floriane Miquet Westphal

Representative of the entrepreneurship program

Floriane represents the Arbour Foundation at the various incubators/accelerators associated with our partner schools in order to promote our entrepreneurship funding program.



Morgane Gabet

Editor-in-chief

After studying political science and management in France, Morgane has been studying for her PhD in public health at ESPUM (University of Montreal School of Public Health) since September 2018. More specifically, she is interested in access and continuity of care in mental health.

As Editor-in-Chief, Morgane will plan, write and supervise the Foundation's newsletter, in collaboration with management.

OUR SCHOLARSHIP PROGRAMS

Our scholarships are among the most generous in Canada. The Arbour Foundation is one of the few organizations to fund foreign students. Together with our university partners, we fund students in engineering, computer science and management. Our funding is allocated in the following way:

\$20,000 per year for Master's students
(renewable once)

\$30,000 per year for PhD students
(renewable once)

\$20,000 for MBA students
(not renewable)

Our scholars are exceptional students. They have been carefully selected first by their university and second by the Foundation's Selection Committee during a 30-minute individual face-to-face interview. Each of them embodies academic excellence and outstanding leadership skills, but, most of all, incredible perseverance. Our scholars are deserving students who, at one time or another in their lives, have overcome major challenges either personal or professional. We believe that these ambitious young persons do or will contribute to Quebec's economy by bringing innovative solutions to current and emerging issues.

AN ARBOUR SCHOLARSHIP: WHAT IT MEANS TO OUR SCHOLARS

I'm delighted to hear this good news. I am extremely grateful for the great moral and financial support I have received from the Arbour Foundation. I am very happy to be part of the Arbour community and to benefit from Mr. Pierre Arbour's legacy. I accept this doctoral scholarship with great emotion.

Emna Ben Jelili

I am absolutely thrilled to accept the Arbour Master's Scholarship, and \$20,000 award, for the 2023-2024 academic year. Thank you for this incredible opportunity, and I am truly honored to be selected among the applicants. I eagerly anticipate the upcoming academic year and look forward to making the most of this generous scholarship.

Masoumeh Goudarzi

I am more than happy to be awarded the prestigious Arbour Doctoral Scholarship. It is my honor to be part of your family. In return, I am committed to defending the principles of Enlightenment in order to contribute to the realization of Mr. Pierre Arbour's vision. I am so excited and willing to be contacted as soon as possible to start French workshops. Many thanks,

Mahsa Motamedi

Thank you so much for such an amazing news!! I am sincerely honored to have been selected again. No words can express my gratitude, thank you truly for believing in me and my master's research, I will always honour the Foundation's mission, values and make you proud.

Summia Saed Aldien

I am truly grateful to the Arbour Foundation. Believing in my potential and giving me a key to success in order to obtain my MBA fills me with gratitude.

It took me almost 45 minutes to get over my emotions and stop crying with joy when I got the news. I'm so happy to be part of the Arbour com-

munity, and I'll be proud to tell everyone around me. I'm running out of words to say thank you.

Caroline Niquette

It is truly an honor to be among the recipients of this scholarship which will change our lives by enabling me to complete my doctorate in good conditions. I sincerely thank you for the trust you and the other members of the Arbour Foundation Committee have placed in me, and I will do my best to live up to it. I'm well aware of the implications of the Foundation's decision, and beyond the bursary, the fact of being supported by the Arbour community means a great deal to me. You know, I really think you have an impact on people's lives. I really felt it during the interview as you introduced yourself and asked questions, and thought about it for several days afterwards.

Julien Bazile

OUR PARTNERS

University partners

SINCE 2006



\$931,500*

HEC MONTRÉAL

\$841,000*



\$609,000*



\$514,500*



\$723,000*

SINCE 2007



\$1 494,000*

SINCE 2008



Le génie pour l'industrie

\$479,000*

SINCE 2013



\$780,500*

SINCE 2020



\$97,000*

SINCE 2022



\$55,000*



\$102,500*

*Scholarships value since the beginning of the collaboration

Industrial partners

Internship offered to our scholars

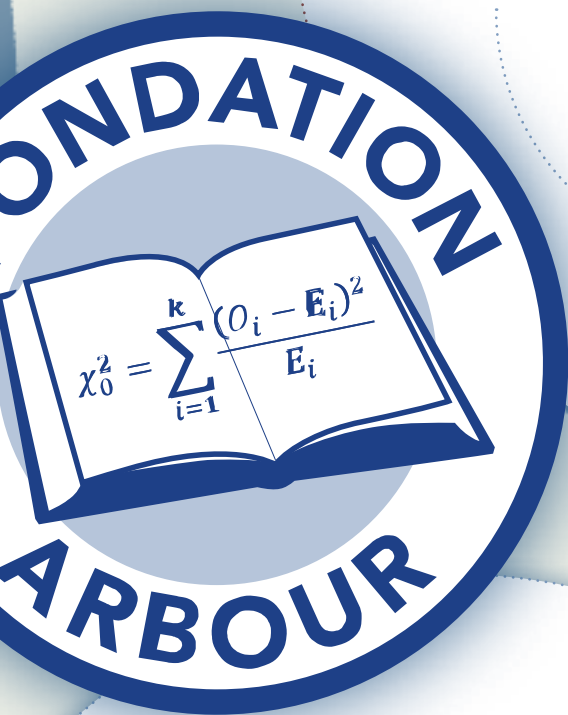
SINCE 2020



SINCE 2021



SINCE 2022



Entrepreneurial partners



Other partners

Coaching to our scholars

SINCE 2021



OUR SCHOLARS 2023-24



Sadya Farook

M. Sc.

Masoumeh Goudarzi

M. Sc.



Le génie pour l'industrie

Georges Gnonhoue

Ph. D.

Development of a dry flexible electroencephalography (EEG) electrode for long-term mobile use

Cédric Foffe Ngoufe

Ph. D.

Aerodynamic shape optimization for propulsion - airframe integration in an unconventional aircraft

HEC MONTRÉAL

Dania Kyle

Ph. D.

The topic focuses on Japanese marketing strategies in the field of arts, media and culture (e.g. comics, TV series, films and video games), to discover the B2C (Business-to-Consumer) and B2B (Business-to-Business) sides of visual storytelling.

Saadia Assiyad

MBA

Alexis Perreault

M. Sc.

The influence of personality, values and consumption habits on loyalty program membership: a study based on real behavioral data and artificial intelligence analysis.

Frank-Olivier Garane

Ph. D.

Essays on Household Finance: Self-employment, Consumption, and Corporate Finance



Ludivine Lafosse

Ph. D.

Hydromorphological dynamics of Canadian Arctic deltas: a case study of the Coppermine delta (NU, Canada)

Rita Nehme

Ph. D.

Development of galectin-7 inhibitors for the treatment of triple negative breast cancer

Ablema Sephora TANOÉ

Ph. D.

Development of Electrolytic Processes Adapted to the Decontamination of Vegetable Wash Water



Jad Albasha

M. Sc.

A progressive structural analysis approach for calculating performance indicators and stability of concrete dams

Dongnang Kathel

Ph. D.

Self-healing neuro-electronic interfaces: From brain cancer sensing to brain injury repair

Hassad Garba

Ph. D.

Development of a tool for synchronizing and optimizing the operation of pumping stations to improve energy efficiency of wastewater collection systems

Amandine Gesta

Ph. D.

Personalized walking assistance in pediatrics using an ankle exoskeleton

Mohammad Khajouei

Ph. D.

Sustainable smelting of phosphate ore toward producing P-K material

Floriane Miquet Westphal

Ph. D.

Polymer-based electromagnets for electromagnetic shielding of Magnetoencephalography helmets using Optically Pumped Magnetometers

Elisabeth Viau

Ph. D.

My study aims to analyze the socio-environmental impacts related to the digital transition of the agricultural industry. By exploring the power dynamics that emerge from the platformization of the economy and the use of big data, we seek to analyze the coherence between data and the sustainable transition of agriculture, within the framework of a global food security strategy, reducing inequalities, and reducing environmental pressures.

Concordia

Mahsa Motamedi

Ph. D.

In-situ polymerization of z-scheme PPy-C₃N₄-MIL-88B heterogeneous photoFenton catalysts for tris-(2-chloroisopropyl) phosphate (TCPP) degradation.



Emna Ben Jelili

Ph. D.

Overseeing public health in Canadian provinces: a challenge of measurement, structure, and governance

Vivien-Claude Matingou

Ph. D.

Impact of orphan status on early childhood development, stunting and exposure to child labor and responses of socio-health services in sub-Saharan Africa: a cross-sectional, mixed methods, multi-country study

Michael Matesic

Ph. D.
Bayesian Assessment of Kepler's Small Long-Period Candidate Exoplanets with Gaussian Processes and Nested Sampling with a focus on potential Earth-Sun analogs.

Mersedé Mokri

Ph. D.
Optimizing Dynamic Myocardial Positron Emission Tomography (PET) Imaging for Fast and Low-Dose acquisition using Deep Learning

Bastien Boucherat

Ph. D.
Complex system modeling



Caroline Niquette

MBA

Parisa Heidari

Ph. D.
Developing sustainable concretes with the co-use of shellfish shells and marine sediments from dredging in the Magdalen Islands

Elisabeth Perreault

M. Sc.
Development and validation of a bioproduction process of a bacterial formulation of *Alcanivorax borkumensis* for the bioremediation of marine environments contaminated by hydrocarbons

Berthié Guoin-Ferland

Ph. D.
Promoting technological adoption of neuromorphic computing for scientific instrumentation

Marguerite Niquel

M. Sc.



Lahcen Fatah

Ph. D.
The open public data policies from the lens of technological promises in Quebec (2010-2020)

Florence Tapp

M. Sc.
Success Factors and challenges in managing healthcare optimization projects

Catherine Boily

M. Sc.
Socio-economic development and epistemic justice in Nunavik: how to design partnership research protocols in the social sciences

Suzie Sénécal

M. Sc.
The cooperative profile does not include a thesis, but the subject of my research is the social value and impact of media in public projects. The results focus on how the valorization of infrastructures can multiply profitability and perpetuate activities.

Mohamadou Saliou Bah

M. Sc.

Study of the impact of stock market index concentration on risk measurement and portfolio management: The case of the S&P500



Summia Saed Aldien

M. Sc.

1. Designing a hybrid electrocatalytic net-zero anodic hydrogen production from biomass

2. Developing life cycle assessment for green anodic hydrogen vs conventional hydrogen from methane steam reforming

Olivier Larochelle

M. Sc.



Benjamin Turgeon

M. Sc.

1. Shrinkage and probability of early-age cracking of low carbon UHPC with mineral fillers for prefabricated composite floors

2. Design and Testing of a lightweight modular timber-UHPC bridge

Julien Bazile

Ph. D.

Dynamic capabilities, catalysts for the resilience of Canadian SMEs' supply chains facing systemic crisis

OUR SUPPORT TO TECHNOLOGICAL ENTREPRENEURSHIP

Strategic Partnership between Arbour Foundation and V1 Studio: From Lab to Market!

This year marks a significant milestone in the Arbour Foundation's mission to support entrepreneurship, with the inauguration of a promising partnership between V1 Studio and the Foundation.

In a global ecosystem where the urgency to innovate continues to grow, the Arbour Foundation has strategically chosen to collaborate with V1 Studio to maximize the impact of its support for entrepreneurship, particularly in the field of academic research.

V1 Studio stands out as a unique catalyst, bridging the gap between academia and entrepreneurship. Its mission is to transform advanced researchers into successful entrepreneurs, by providing practical training, professional development and targeted funding.

The partnership between V1 and the Arbour Foundation aims to meet three challenges:

Encourage the transition from the laboratory to the marketplace, by offering support programs specially designed for male and female researchers. These programs aim to equip innovators with the tools they need to navigate the entrepreneurial ecosystem, thereby facilitating the commercialization of their inventions.

Target precisely the needs of researchers to maximize the efficiency of their projects' transition from the laboratory to the marketplace. The partnership aims to provide tailor-made support, recognizing the diversity and complexity of research-based innovations.

Maximize the Foundation's impact by adopting a rigorous selection process for the projects and students it supports, and by ensuring that these projects are visible and monitored over time. This process enables the Foundation to ensure that its investments are put to optimum use, by supporting projects with the greatest potential for market success.

Our partnership with V1 Studio reflects our belief that supporting innovation and entrepreneurship can bring about significant and positive change in our society. By combining the resources and expertise of the Arbour Foundation with V1 Studio's innovative approach, we are confident in our ability to generate a lasting impact, fostering economic growth and scientific advancement.

Beyond the financial aspect, this partnership is a demonstration of our shared commitment to fostering a culture of innovation and entrepreneurship among researchers. Together, we are committed to turning innovative ideas into commercial successes, helping to solve some of the most pressing challenges of our time.

The Arbour Foundation is proud to partner with V1 Studio in this bold undertaking. We look forward to seeing the fruits of this collaboration, and to continuing to play a key role in the innovation and entrepreneurship ecosystem!

The benefits of the partnership between the Arbour Foundation and V1 Studio over 5 years

Up to
8,000
interviews

+1045
hours of training

51,200
hours dedicated
to validation

Up to
80
teams and projects
supported

~ 27
number of public
research projects
validated

70+
dedicated mentors
and instructors

NB: This partnership builds on the existing relationship between the Foundation and Mitacs, as well as the Foundation and QCSE. Mitacs and QCSE are V1 Studio partners.



3RD PIERRE-ARBOUR HONORARY AWARD AWARDED TO ELISABETH VIAU

Growing up in the heart of an agricultural environment within a family engaged in various projects, Elisabeth has always aspired to enter the business world while making a positive contribution to society. Inspired by successful philanthropic business models that balance economic success with social impact, Elisabeth pursued a Bachelor's degree in Business Administration at HEC. Her passion for research and problem-solving led her to a Master's degree in Business Intelligence, with a focus on sustainability in business decisions due to the importance of addressing climate crisis-related issues. Supported by the Arbour Foundation, she actively engaged in various community initiatives during her academic journey, including organizing events, holding positions in student organizations, and contributing to financial knowledge dissemination. Additionally, she co-founded Écozac, a startup aiming to eliminate plastic use, winning the Entrepreneurial Challenge Défi48 and attracting media attention. Her involvement extended to speaking engagements, including hosting a panel on digital carbon footprint issues for Les Affaires. Selected for a dual degree program with ESCP Business School in Europe, she developed a deep passion for energy and environmental issues during her second year in Paris. Motivated by her growing interest in climate transition solutions, she decided to pursue a Ph.D. in Industrial Engineering at Polytechnique Montréal, focusing on strengthening agricultural resilience to climate change using AI and digital technologies. She attributes her journey and achievements to the support and guidance of the Arbour Foundation, particularly thanking Ms. Diane de Champlain, and expresses gratitude for their ongoing support throughout her doctoral studies.

OUR MENTORSHIP PROGRAM GOES BEYOND FINANCIAL SUPPORT

The mentoring program has been a very enriching experience for me. The presence of this program within the Arbour Foundation confirms that it is not limited to providing financial assistance to students, but is truly committed to helping scholarship recipients succeed in their professional lives. I am deeply grateful and happy to be part of this family.

Jad Albasha, mentee

I'm delighted to share my experience as a mentee. Being guided and supported by a mentor has been an extremely enriching and formative experience for me. Thanks to my mentor, I was able to benefit from sound advice, fresh perspectives and invaluable support in my professional and personal journey. The exchanges with my mentor enabled me to take a step back, clarify my objectives and find solutions to the challenges I was facing. What was particularly valuable was the relationship of trust and caring that developed between my mentor and me. Knowing that I had someone to rely on, who believed in me and who was there to encourage me was a precious help in moments of doubt or difficulty. As a mentee, I also had the opportunity to develop my communication, leadership and problem-solving skills, thanks to my mentor's sound advice and inspiring examples. I'm grateful to my mentor for the time, energy and knowledge he invested in me. This mentoring experience has not only had a positive impact on my professional life, but also on my personal growth.

Élisabeth Perreault, mentee

Our discussions on various subjects help me to understand Quebec culture, which facilitates my integration. My mentor doesn't hesitate to share her experiences with me and give me tips on how to improve, apprehend and prepare for potential challenges I might encounter.

Saadia Assyad, mentee

Mentoring has been an enriching experience that has shaped my professional and personal trajectory. The relationship with my mentor has been an invaluable source of support, advice and inspiration. I am grateful to have had this opportunity and am determined to pay it forward by one day sharing my own knowledge and experience with others. I was fortunate to find a mentor who shared not only his professional skills, but also his personal experiences. Our mentoring relationship began with informal conversations, where we discussed my goals, aspirations and the challenges I was facing. My mentor was a good listener, asking insightful questions that helped me think deeply about my career and my life.

George Gnonhoue, mentee

EVENTS ORGANIZED BY THE FOUNDATION IN 2023

Joint Networking Event Fondation Arbour-IVADO May 23, 2023

The joint networking event of Fondation Arbour and IVADO took place on May 23, 2023, at the Intercontinental Hotel in Montreal. Over a hundred guests, including Arbour scholars, IVADO members, business partners, and Fondation Arbour administrators, participated in a business speed dating session during cocktail and dinner. Under the theme «Building Your Future» in partnership with IVADO, the event was opened by Nancy Laramée, Director of Partnerships at IVADO, who highlighted the importance of scientific entrepreneurship. Two IVADO post-doctorates, Elham Kheradmand and Marc-André Renaud, shared their entrepreneurial journeys. Elham presented her work on AI in sustainable finance, while Marc-André spoke about his startup, Gray, focused on optimizing schedules in oncology. The presentations generated strong interest among attendees.

Networking Event November 27, 2023

On November 27th, in the premises of CIRANO, members of the Arbour community gathered to attend the conference entitled “Governance, Necessary Evil or Strategic Tool?” in the company of an eminent expert: Mr. Robert Panet-Raymond. With humor and wisdom, Mr. Panet-Raymond managed to educate and captivate the audience. The evening concluded with a networking session between the scholarship holders and the guests.



Robert Panet-Raymond, appointed President of the Consultative Board of Administrative Regulation (CCRA) of the Autorité des marchés financiers on January 16, 2020, has been a member of the CCRA since December 15, 2017. In recognition of his contributions, Mr. Panet-Raymond was appointed Knight of the Legion of Honor of France in 2016 and Knight of the National Order of Quebec in 2019



ACHIEVEMENTS AND SUCCESSES OF OUR SCHOLARS



Sadya Farook
M. Sc.

Masoumeh Goudarzi
M. Sc.



Georges Gnonhoue
Ph. D.

- Supervise the end-of-studies project of 4 master's students
 - Present a conference article in Quebec
 - Ambassador of the Arbour Foundation
 - MEC786 lecturer at ÉTS
 - Mentor foreign students at ÉTS
-
-

Cédric Foffe Ngoufe
Ph. D.

- Supervise the internship progress of two engineering students
- Supervision of laboratories for the aerodynamics course at ÉTS
- Presentation of my research project to a validation jury
- Mentor international students at ÉTS

HEC MONTRÉAL

Dania Kyle
Ph. D

- Author invited by two marketing professors, Dr. Danilo Dantas and Dr. François Colbert, for a research project on vinyl and comic book collectors and sellers.

- Office and scholarship offered by the Director of the Chair of Arts Management at HEC, to collect data for the article in collaboration with two students, Dr. Dantas and Dr. Colbert.

- Named Arbour Foundation ambassador

- Selected by HEC Montréal for the Lieutenant-Governor's Medal

- Only student chosen by HEC Montréal to represent the university at the national level for the Vanier CGS Scholarship Competition

- Teaching assistant for the course Le marketing des organismes culturels, taught at the DESS by Dr. Dantas

- Only Ph.D. student invited as guest author by Marketing Department Chair, Dr. Gary Gebhardt, to work with him on a research project and future publication on the importance of culture in a B2B context.

- Guest speaker at École de la Relève, to give a motivational talk at a high school. The director invited me to give it again to a larger audience.

- Selected by the John Molson School of Business to take part in its academic poster competition. It's the 15th anniversary of the exhibition

- Organization of a bilingual hybrid workshop with HEC Montréal to host an event for the Arbour Foundation

- Organization of an interactive hybrid workshop with the John Molson School of Business to host an event for the Arbour Foundation

- Submitted a group project to the Administrative Sciences Association of Canada (ASAC) for an academic conference in June in Montreal

- Reviewer and critic of articles and posters for the American Marketing Association (AMA)
- Paper and poster reviewer and critic for ASAC
- Writing in newsletters for members of AFAD, short for Association des Familles de Personnes Assassinées ou Disparues
- Participation in weekly boxing workshops (August-December 2023) with AFPAD
- Translation in progress of the book "Targets of International Justice: Yugoslavia and Rwanda," written by Dr. Tiphaine Dickson and Dr. Aleksandar Jokic
- Participation in the television program "Femme, je te tue," hosted by Ingrid Falaise and Sarah Bernard at Bell Media, (broadcast in February 2024 on the Investigations channel and the Crave platform) to denounce domestic violence and femicide
- Writing of an scientific article, inspired by my Master's thesis, with Dr. Zeynep Arsel for the Journal of Consumer Research

Saadia Assiyad
MBA

Alexis Perreault
M. Sc

- Research internship at Air Canada
- Membership in the Canada Research Chair in Consumer Decision Making
- Processing and analysis of statistical data for the Centre de services scolaires de Montréal (CSSM) and the Faculté des sciences de l'Éducation de l'UQAM, as part of a ground-breaking project in educational sciences.

Frank-Olivier Garane
Ph. D.

- Lecturer in corporate finance at HEC Montréal
- Mentoring of master's students in finance and economics for their doctoral candidacy

and professional insertion (CV, cover letter)

- Research exchange at the University of Alberta in spring 2024. - Presentation of the article "Mass-layoff and self-employment" at HEC Montréal and the University of Alberta
- Recipient of the Financial Education Laboratory Scholarship



Ludivine LaFosse
Ph. D.

- Oral presentation at an international conference in Victoria (BC)
- Facilitation of a science popularization workshop at the Quebec Aquarium
- Development of health and safety policy for field activities at my school
- Member of the Canadian association Support Our Science and participant in the organization of the demonstration to increase Federal grants in Quebec City on May 1, 2023

Rita Nehme

Ph. D.

Ablema Sephora TANOE

Ph. D.

- Validation of my doctoral exam: presentation and defense of my research project
 - Oral presentation and discussion at the 37th Eastern Canada Symposium on Water Quality at U-Sherbrooke
 - Submission of an article for a literary review on the various treatments of market garden wash water
 - Supervision of a trainee: introduction to electro-technologies for the treatment of vegetable washing water
-
-



Jad Albasha

M. Sc.

- Recipient of the FRQNT and the NSERC Master's Scholarship
- Teaching Assistant for two structural courses at Polytechnique Montréal (CIV3502 and CIV8510)
- Submission of a conference paper for the SCGC 2024 Congress
- Participation in the establishment of a new technical society (EERI-Polymtl) focused on seismic building design
- Coordination of Professor James O. Malley's visit to Polytechnique Montréal
- Polytechnique Montréal Ambassador
- Ordre des Ingénieurs du Québec Ambassador
- Participation in the mentorship program at Polytechnique Montréal as a mentor
- Election as a research master's delegate at

the Association étudiante des cycles supérieurs de Polytechnique (AÉCSP)

- Serving on the jury for the allocation of the AÉCSP solidarity scholarship
-
-

Kathel Dongnang

Ph. D.

- Recipient of the Michael Smith Award from the Natural Sciences and Engineering Research Council of Canada (NSERC) for an international internship
- Research internship in bioelectronics at Cambridge University, England
- Accelerated transition from master's to doctorate in biomedical engineering at École Polytechnique Montréal
- Recipient of the "Entreprendre Pendant ses Études" scholarship from the Propolys business incubator, Polytechnique Montréal
- Recipient of the Mitacs-Globalink scholarship for an international research internship
- Research internship in neuroelectronics at the Juliers Research Institute (Jülich) in Germany
- Recipient of the PDESV (Programme de développement de l'entrepreneuriat en sciences de la vie) scholarship from Montréal In Vivo, the life sciences and health technologies cluster (SVTS), Université de Montréal's Faculty of Pharmacy and Concordia University's John Molson Leadership Centre.
- Presentation of my company OncoFlow Sense's entrepreneurial pitch to over 250 people in the amphitheatre of Polytechnique Montréal's Louise-Lalonde-Lamarre Pavillion

Hassad Garba

Ph. D.

- Carrying out the first phase of testing on physical model of Pumping Stations for optimizing and improving energy efficiency
 - Creation of a new experimental model in the hydraulics laboratory to study the hydraulic capacity of storm sewer grates
 - Appointment to the Student Discipline Committee at Polytechnique Montreal for a two-year term
 - Member of the Polytechnique Ambassadors team
-

Amandine Gesta

Ph. D.

- Recipient of the National Bank of Canada Excellence Award
- Article published in IEEE Transactions on Medical Robotics and Bionics
- Preparation and presentation of a seminar on rehabilitation robotics at CHU Ste Justine for the Medical Robotics course at Polytechnique Montréal
- Representative for the Fondation Arbour's entrepreneurial program
- Arbour Foundation ambassador
- Participated in and obtained certificates for V1 Studio's entrepreneurial programs: QcSE and REN.
- Participation in StartupFest2023
- QcSE Ambassador for Fall 2023
- Participation in I2i Mitacs x SFU entrepreneurial program
- Interview by Propolys communications department
- 6-month research internship at Harvard Medical School (Boston, MA)
- Participation in MIT networking events and meeting with Lex Fridman

Mohammad Khajouei

Ph. D.

- Published articles in the field of mineral processing and environmental engineering
 - Run a business plan for a new start-up in the field of AI and critical material
 - Member of the solidarity scholarship committee of AECSP at Polytechnique Montréal
 - Continue being the president of Caspian
 - Chair and panelist of Newcomers Workshop for new students at UdeM, Polytechnique, HEC
 - Registered Caspian (Iranian student association at University of Montreal) in the University of Montreal for the first time
 - Organized Innovate Montreal Event (Event in the field of AI, Technology, and Entrepreneurship) by Caspian
 - Organized the first Persian book exhibition in Montreal by Caspian
 - Accepted to participate in Quebec Scientific Entrepreneurship Program, V1 Studio QcSE for completing Entrepreneurship program.
-

Floriane Miquet Westphal

Ph. D.

- Arbour Foundation Entrepreneurial Program Representative
 - Arbour Foundation Ambassador
 - Tutor at Polytechnique for 3 courses during the 2023-2024 year
-

Elisabeth Viau

Ph. D.

- Double Master's degree from ESCP Business School and HEC Montréal - May 2023
- Recipient of the 3rd Pierre-Arbour Honorary Award in 2023
- Moderator of the "Data for the Environment" panel at Les Affaires' business intelligence conference - November 2023

- Organization and moderation of a round table on the future of the biofood sector, in collaboration with CIRODD and CIRANO - December 2023

- Volunteer member of the student committee of the Centre interdisciplinaire de recherche en opérationnalisation du développement durable (CIRODD).

- Creation of a YouTube channel to popularize sustainable development issues (in progress).

- (Upcoming event) Organization of a symposium on sustainable innovation in October 2024 with the Comité Étudiant des Objectifs de Développement Durable (CÉODD).

- Interview with Les Affaires journalist Jean-François Venne for an article on the potential of business intelligence for more sustainable decision-making. <https://www.lesaffaires.com/dossier/intelligence-d-affaires-au-service-de-vos-valeurs/des-donnees-qui-ameliorent-linclusion-et-la-durabilite/647511> - February 2024



Concordia

Mahsa Motamedi

Ph. D.

Publication of a research article in the journal Chemosphere

Present my research and volunteer work at the PEOPLE 2023 international conference

Volunteer with Zero Waste, ISO and GSA at Concordia University

Participate and supervise an oil spill project in parallel with my thesis

Laboratory assistant for the Indoor Air Quality (IAQ) laboratory

Presented my work at the international conference on sustainable energy and green technologies (SEGT 2023)

Mentoring of international students at Concordia University

Reviewer for Water Research and the Journal of Environmental Chemical Engineering

Currently writing two research papers and submitting a research paper based on my PhD results

Published a research journal paper

Present my work and volunteering at PEOPLE 2023 international conference

Volunteering at Zero Waste, ISO, and GSA at Concordia University

Participate and supervise oil spill project beside my thesis



Emna Ben Jelili

Ph. D.

Publications :

- Jacques O., Ben Jelili E., Arpin. E. La politique partisane des réformes des politiques sociales et de santé. 2024. Revue Sociologie et Société.

- Moury C., Jacques O., Ben Jelili E., Damned if You, Damned if You Don't: The Politics of Pandemic Preparation. 2024. Politics and Policy.

Teaching:

Teaching assistant for "ASA 6754 - Health system and population health" and "CSS1900- Interprofessional collaboration in partnership with the patient"

Conferences :

- Presentation of two publications at the colloquium organized by the Centre pour l'étude de la citoyenneté démocratique (CÉCD). March 8 and 9, 2024

- Presentation of a research protocol at a conference organized by the Canadian Political Science Association (CPSA). June 12 and 14, 2024

Social implications:

- Writing of Force Jeunesse's 2024-2025 pre-budget brief
- Drafting of Force Jeunesse's brief on Bill 35
- Participation in the eight-clos du budget 2024-2025 du budget de Québec
- Participation in the parliamentary commission on Bill 35
- Appearance on CIBL radio to discuss the place of young people in the decision-making process, intergenerational issues and the heterogeneity of youth. - Panelist at CR-CAQ convention. Intergenerational equity: impact and perspectives.

Academic:

- Successful completion of the 2023 synthesis exams for the Doctorate in Public Health (September 2023)
- Submission of research protocol (May 2024)

Professional:

- Part-time employment with the Commissioner for Health and Wellbeing (CSBE) as a research advisor

Vivien-Claude Matingou

Ph. D.

- Successful completion of the doctoral comprehensive examination in 2023, currently in the writing phase
- Data collection carried out, data analysis plan developed
- Currently analyzing data and preparing to write the first two articles
- Teaching assistant training done at ESPUM in 2023
- Monitoring and correction of exams as teaching assistants
- Training in scientific entrepreneurship done with the Quebec Scientific Entrepreneurship

Program

- Ambassadorial mission of the Arbour Foundation to UdeM-ESPUM in progress: Raising awareness among teachers and students about the missions of the Arbour Foundation, publication of an announcement in the Échos de Santé publique newspaper

Michael Matesic

Ph. D.

- Center for Research in Astrophysics of Quebec (CRAQ) annual meeting graduate presenter
- First author publication to The Astronomical Journal on my research

Mersedé Mokri

Ph. D.

- Published paper in the field of AI and Medical Imaging as co-author
- Submitted paper as the first author in the field of AI and Medical Imaging
- Received Perseverance Scholarship from Faculty of Medicine of Université de Montréal
- Oral presentation at Annual Congress of the European Association of Nuclear Medicine (EANM2023) in the Featured Section
- Poster presentation at the IEEE Nuclear Science Symposium and Medical Imaging Conference
- Received certificate of Artificial Intelligence in Nuclear Medicine image analysis and processing from 2023 IEEE Medical Imaging conference
- Started supervision of Master's student in Biomedical Imaging
- Started a new position at CRCHUM Student Committee as co-responsible in social activity
- Continue being a board member and registered Caspian (Iranian student association)

at Université de Montréal) in the Université de Montréal for the first time

- Organized Innovate Montreal Event (Event in the field of AI, Technology, and Entrepreneurship) by Caspian

- Organized the first Persian book exhibition in Montreal by Caspian

- Received certificate from Quebec Scientific Entrepreneurship Program, V1 Studio QcSE for completing Entrepreneurship program

Bastien Boucherat

Ph. D.

- Currently analyzing data and preparing to write the first two articles



Caroline Niquette

MBA

Parisa Heidari

Ph. D.

Article accepted in a specialized journal

- Presentation at the "Progress in Concrete" Seminar

- Paper accepted for a conference at ICCM2024 with presentation planned in France in June 2024

- Recipient of FRQNT grant

Elisabeth Perreault

M. Sc.

- Teaching assistant training at ESPUM in 2023

Berthié Gouin-Ferland

Ph. D.

- Recipient of the Université de Sherbrooke Research Excellence Scholarship

- Recipient of the Student Work Valorization Scholarship from the Faculty of Engineering at the Université de Sherbrooke

- Scientific presentation at the IEEE Nuclear Science Symposium and Medical Imaging Conference

- Supervision of several undergraduate thesis projects

- Member of the organizing committee for the provincial science communication conference "ComSciCon-Qc"

- Facilitation of an expert panel on AI in scientific communication

- Co-authorship in a scientific article (AI section writing)

- Deployment of the podcast "Un instant de Génie" (a socio-technological podcast).

- Scientific outreach presentations in high schools

- Scientific outreach presentations at the "Pique-Nique Scientifique" event

- Scientific outreach presentations at the "Bistrobrain" event

Marguerite Niquel

- Recipient of the Bourse des ingénieures-professeures et des ingénieurs-professeurs from the Université de Sherbrooke's Faculty of Engineering

- First popular science article published on the Agence Science Presse blog

- Poster presentation at the 16th Rendez-vous de l'habitation and the 1st Carrefour technique de la Société d'Habitation du Québec

- Poster presentation at the GENIUS evening

- Submission of a first abstract to the Life Cycle Innovation Conference

- Member of the Saguenay - Lac-Saint-Jean branch of Bâtiment Durable Québec



Lahcen Fatah

Ph. D.

Research papers (2023):

- Canadian Journal of Political Science/Revue Canadienne De Science Politique, 56(3), 729-738 : Fatah, L. (2023). Twitter ou l'avènement d'un « Frankenstein 2.0 » ? L'impact des géants de la technologie sur la société et le poids des gouvernements face aux dérives technologiques : <https://doi.org/10.1017/S0008423923000380> / Ce papier figure parmi les lectures complémentaires du projet de loi C-27 sur le site web du parlement du Canada : <https://www.parl.ca/legisinfo/fr/projet-de-loi/44-1/c-27?view=about>

- Revue Française d'éthique appliquée, vol. 13, no. 2, pp. 171-179 : Fatah, Lahcen (2022) « Automatisation des emplois : vers un futur équivoque en faveur du revenu de base universel ? » : <https://doi.org/10.3917/rfeap.013.0171>

Press Publication (2023):

- Le Devoir, July 15, 2023 : Lahcen Fatah , "Il faut renforcer la Loi sur l'intelligence artificielle et les données avant son adoption" : <https://www.ledevoir.com/opinion/idees/794614/idees-il-faut-renforcer-le-loi-sur-l-intelligence-artificielle-et-les-donnees-avant-son-adoption>.

Media interventions - Quebec/Canada (2023):

- Actualités UQAM, 8 septembre 2023 : Renforcer le projet de loi fédéral sur l'IA : Le doctorant Lahcen Fatah plaide pour un projet de loi plus exigeant en matière de transparence des données algorithmiques : [\[ites.uqam.ca/2023/renforcer-le-projet-de-loi-federal-sur-lia/\]\(https://actualites.uqam.ca/2023/renforcer-le-projet-de-loi-federal-sur-lia/\)](https://actual-</p></div><div data-bbox=)

- Radio-Canada, 2 novembre 2023 : Ottawa fait-il fausse route avec sa loi sur l'IA? Certains experts jugent que le ministère de l'Innovation manque d'impartialité dans sa gestion du dossier : <https://ici.radio-canada.ca/nouvelle/2016405/ottawa-intelligence-artificielle-loi>

Teaching (Winter 2024):

- Engineering ethics / Éthique appliquée à l'ingénierie (SSH3501), Polytechnique Montréal

Board member - Open North <https://open-north.ca/board/> (2022, 2023, 2024)

Member of the Centre interuniversitaire de recherche sur la science et la technologie (CIRST) (2019, 2020, 2021, 2022, 2023, 2024)

Research projects (2022-2023):

- Participation in the Research Project: Première émission de cryptoactifs : Développement et validation d'un cadre prédictif d'Initial Coin Offering (ICO) frauduleux - Department of Accounting Sciences, ESG UQAM

Entrepreneurship:

Application to the Québecor asterX program / Pierre-Péladeau Scholarships (2024)

Florence Tapp

M. Sc.

Scientific entrepreneurship training with the Programme québécois d'Entrepreneuriat scientifique

Catherine Boily

M. Sc

- Honorary mention from UQAM for Bachelor of Administration, International Management specialization, with Honours in Strategy

- Recipient of the SSHRC CGS Master's Scholarship

- Recipient of the FRQSC Master's Scholarship
- Invited to present a lecture by the Collège nordique francophone de Yellowknife
- Student representative for the Centre de recherche sur les Innovation Sociales (CRISES)
- Director for the Bureau de conseil en management de l'UQAM (BCM-UQAM)
- Presentation of the Perspectives et dialogues en Innovation sociales project at the Acfas 2023 symposium (#444)

Suzie Senécal

M. Sc.

Mohamadou Saliou Bah

M. Sc.

- Ensure the relaunch of the ESG-UQAM graduate finance students' association as president
- Obtain an internship at CDPQ
- Winner of the ESG-UQAM Alpha durable 1 competition
- Having been chosen by UQAM to make a film about my career



Summia Saed Aldien

M. Sc.

- Recipient of Graduate Excellence Award at McGill University
- Finalizing and submitting two first authors papers
- Collaborating on a perspective paper
- I will be presenting at the Electrochemical Society (ECS) conference this May
- Teaching Assistant for Fluid Mechanics and Thermodynamics

- I will be submitting a report of invention (ROI) at McGill this summer

Olivier Larochelle

M. Sc.



Benjamin Turgeon

M. Sc.

- Debut of doctoral fast-track program
- Debut of my teaching career in CEGEP

Julien Bazile

Ph. D.

- Completion of a survey commissioned by the Federal Department of Global Affairs Canada (vulnerabilities and strategies of Canadian SMEs in the face of crises impacting supply chains)
- Participation in the GIKS Conference (Targoviste)
- Participation in the 50th CEDIMES Congress (Paris)
- Participation in the 61st UN Graduate Study Programme (Geneva)
- Participation in the ASAC Conference (Toronto)
- Temporary three-month contract with the Federal Ministry of Innovation, Science and Economic Development (Investment Analyst for the Strategic Innovation Fund).
- Awarded the Socrate Distinction for Excellence in Teaching (Teaching the 3107 Internationalization Strategies course)
- Fellowship from the Canada Research Chair on Internalization of Sustainable Development and Organizational Accountability.

- Couche-Tard Research Chair in Global Value Chains. Excellence in doctoral research on global value chains.

- Centre universitaire d'expertise en gouvernance de sociétés (CEGS). Fellowship in corporate governance

- Stephen A. Janislowsky Chair in International Business Management. Doctoral research excellence scholarship in international management

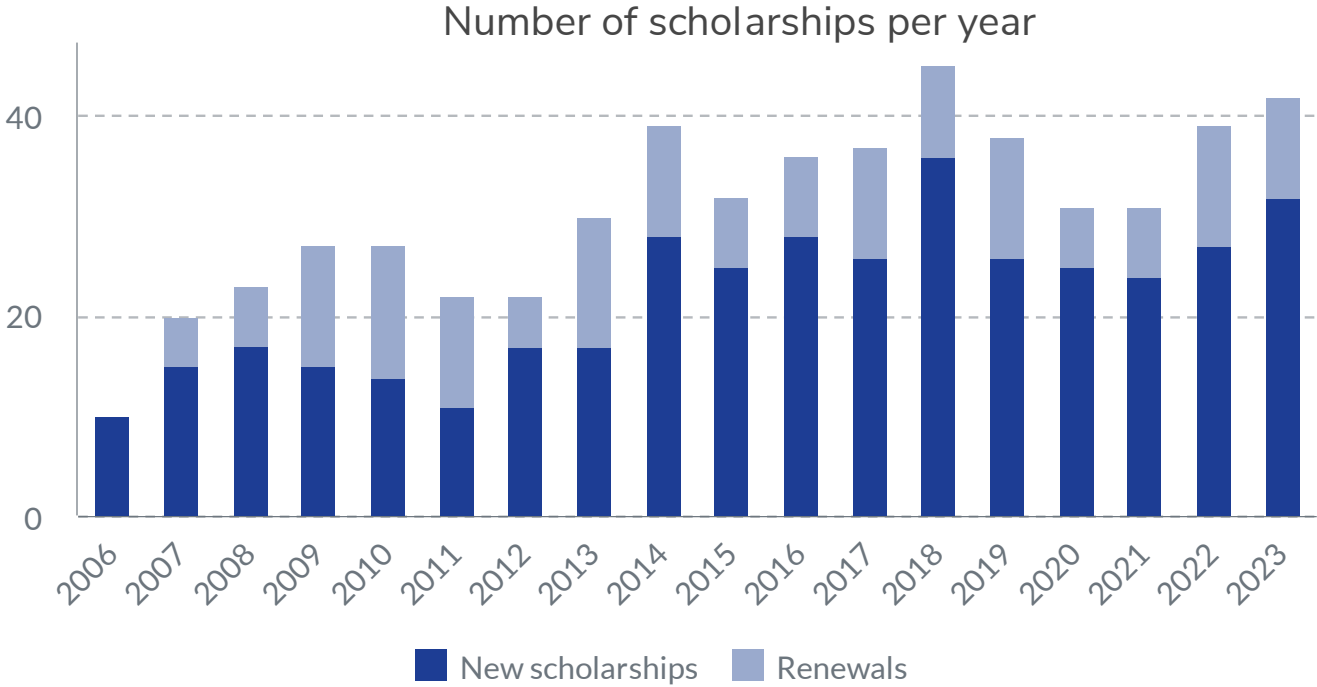
- Faculty of Administrative Sciences, Université Laval - Department of Management. Doctoral Excellence Scholarship

KEY PERFORMANCE INDICATORS

NUMBER OF SCHOLARSHIPS

552
 Total number of scholarships awarded since the creation of the Foundation

over \$7M
 Total value of scholarships awarded since the creation of the Foundation



AMOUNT OF SCHOLARSHIPS

\$935,000
Total value of scholarships awarded in 2023

\$20,000
Value of the Master's scholarship in 2023

\$30,000
Value of the PhD scholarship in 2023

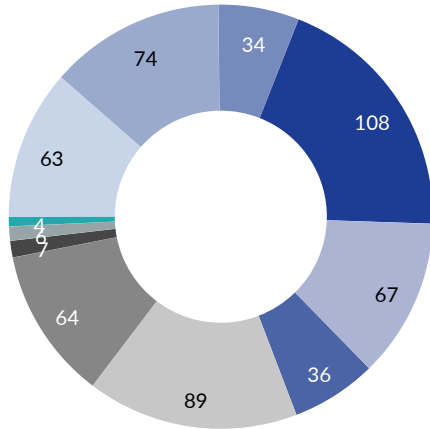
\$20,000
Value of the MBA scholarship in 2023

Total value of scholarships awarded per yer (in \$000)



PER UNIVERSITY

Total number of scholarships awarded per university since the creation of the Foundation



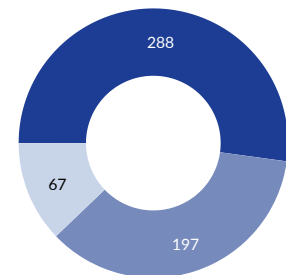
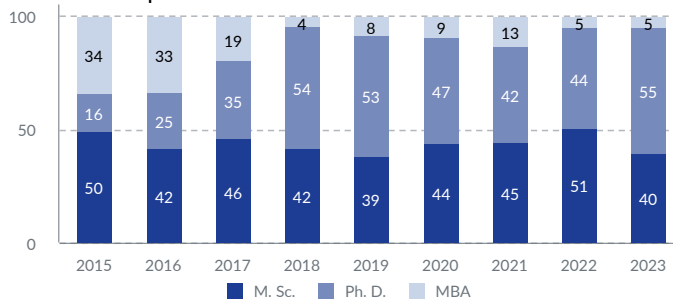
Polytechnique leads with 108 scholarships awarded since the creation of the Foundation

- McGill (11.41%)
- Concordia (13.41%)
- UdeM (6.16%)
- Polytechnique (19.57%)
- HEC Montréal (12.14%)
- ETS (6.52%)
- UQAM (16.12%)
- UdeS (11.59%)
- Bishop's (1.27%)
- INRS (1.09%)
- Laval (0.72%)

PER DIPLOMA

Scholarships awarded per diploma since the creation of the Foundation

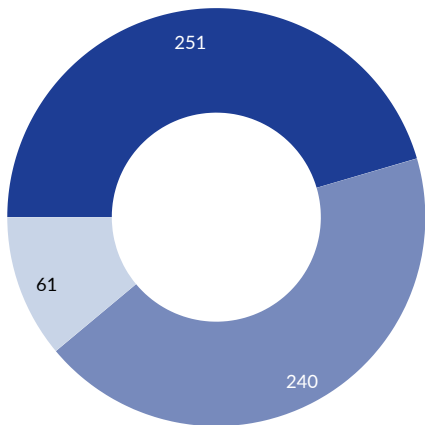
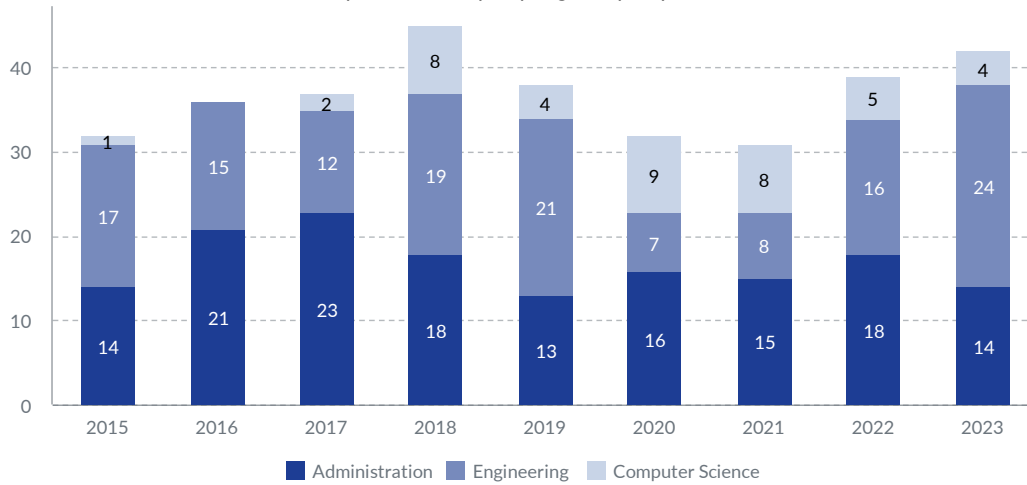
Percentage of scholarships awarded by diploma



- M.Sc. (52.17%)
- Ph.D. (35.69%)
- MBA (12.14%)

PER PROGRAM

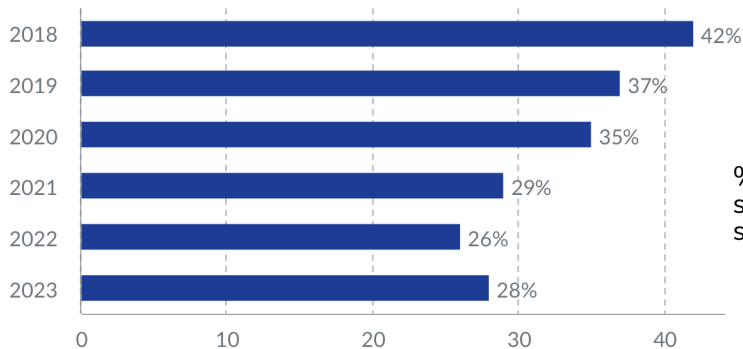
Scholarships awarded per program per year



Total scholarships awarded per program since the creation of the Foundation

■ Administration (45.47%) ■ Engineering (43.48%) ■ Computer Science (11.05%)

SOCIAL INDICATORS



% of international students awarded a scholarship since 2018

■ % International students awarded a scholarship

RECOGNITION WALL - 2023 DONORS

The Arbour Foundation would like to extend its warmest and most sincere thanks to the following donors for their invaluable support in making the 2023 Campaign a success.

Friends of the Arbour Foundation

Donation of \$250

Diane and Paul-André de Champlain
Mohammad Khajouei
Andréanne Robichaud
Poonam Sathe
Bahare Samadi
Julie Schneider
Hussein Slim
Roxane Wosu

Great Benefactors of the Arbour Foundation

Donation of \$1,000

Marine Hadengue

Patrons of the Arbour Foundation

Donation of \$3,000

Ying Ying Hu

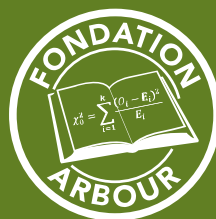
The Pierre Arbour Emeritus Circle

Donation of \$10,000 and more

Gestion de portefeuille Triasima inc.
Pierre Arbour Estate

Other donations

Khaoula Alaoui Mamoun
Marianne Araj
Marie Boucher
Amadea Camozzi
Pierre-Jacques Deblois
Montu Gupta
Félicia Hughes
Josée Lamoureux
Alexandra Marin
Alexis Montoison
Waddish Olabi
Charlotte Pearce
Monica Urseanu



Fondation Arbour
Sapere aude!

4700-800, rue du Square-Victoria, Montréal (QC) H4Z 1H6
514-844-5990 - info@fondationarbour.ca - www.fondationarbour.com