

2024 Annual Report



Fondation Arbour
Sapere aude!



Our Founder

In 2005, Pierre Arbour donated a third of his Fortune and created a Foundation bearing his name to financially support graduate students in three areas that contribute to Quebec's economic growth: administration, engineering and computer science.

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

THE VALUES OF THE FONDATION ARBOUR.....5

A WORD FROM OUR CHAIRMAN OF THE BOARD..... 6

A WORD FROMOUR CHIEF EXECUTIVE OFFICER..... 8

THE BOARD OF DIRECTORS.....10

THE ARBOUR FOUNDATION'S TEAM..... 12

OUR SCHOLARSHIP PROGRAMS..... 14

AN ARBOUR SCHOLARSHIP: WHAT IT MEANS TO OUR SCHOLARS 14

OUR PARTNERS..... 16

OUR SCHOLARS 2024-25 18

OUR SUPPORT TO TECHNOLOGICAL ENTREPRENEURSHIP.....22

OUR MENTORSHIP PROGRAM GOES BEYOND FINANCIAL SUPPORT.....24

EVENTS ORGANIZED BY THE FOUNDATION IN 202426

ACHIEVEMENTS AND SUCCESSES OF OUR SCHOLARS.....28

KEY PERFORMANCE INDICATORS38

2024 DONORS 41

THE VALUES OF THE FONDATION ARBOUR

1. Freedom of speech and expression

We advocate open, respectful and rigorous dialogue. Confrontation of ideas is essential to progress and understanding of the world.

2. Reason, scientific method and enlightened action

We promote rational thinking, critical analysis, the scientific method and the responsible application of knowledge to improve society.

3. Equal opportunity

We believe in merit, free will and equal opportunity, regardless of background or identity.

4. Humanism and benevolence

We value benevolence, listening and respect for the dignity of each individual. Progress also means taking care of people.

A detailed version of our value statement is available on our website.



A WORD FROM OUR CHAIRMAN OF THE BOARD

For several years, the Fondation Arbour has benefited from the dedication and financial expertise of Philippe Arbour, son of our founder Pierre. A “financial whiz”, Philippe’s judicious advice has contributed to the growth of the Foundation’s capital, essential to the achievement of its objectives. Philippe recently submitted his resignation as Chairman of the Board to the Foundation’s Board of Directors. Philippe holds an important position with a major financial company in London, England, where he lives with his young family. Geographical distance, professional responsibilities and family imperatives are at the root of Philippe’s decision. Thank you, Philippe, and we wish you every success and happiness.

I have agreed to succeed Philippe as Chairman of the Board. I would like to thank the other members of the Board for their confidence. I am humbled to take on my new role by the esteem in which I hold the other members of the Board, each of whom was as, if not more, qualified than I to assume the responsibilities that have devolved upon me. I invite you to read André’s, Diane’s and Marine’s descriptions of their career paths and commitment to society in the pages that follow. Their experience, expertise and dedication have proved, and will continue to prove, indispensable to the fulfillment of the Foundation’s mission.

As I write these lines, Canada and Quebec are operating in a tumultuous environment of uncertainty, especially on the economic front, due to the policies of our neighbor to the south. Uncertainty is also affecting the academic world. Economic constraints are forcing American universities to adopt policies to which they might not otherwise have adhered to. The budgets they allocate to research and development are at risk of being substantially reduced. This new environment creates opportunities for Canada and Quebec and confirms the relevance of our Foundation. It's reasonable to expect more interest in our universities from a growing number of students. It is also reasonable to expect that those who attend our universities in pursuit of higher education will have growing financial needs. As always, our Foundation will be there to support them.

It is indisputable that Quebec's economic prosperity is based on innovation and expertise, the drivers of productivity. But when it comes to productivity in Canada and Quebec, the statistics are dismal. Our productivity per hour worked is lower than that of the vast majority of developed economies, and the gap is widening. According to a recently published text by the Canadian Chamber of Commerce, a Canadian worker contributes around \$100 to the national economy, while an American who devotes identical time and effort contributes \$130. The tariff war looming at the time of writing accentuates the problem, as we could be deprived of lucrative markets.

There is no consensus among economists on the best way to improve things. However, there is general agreement that research, innovation and the development of cutting-edge technologies are essential ingredients for improving productivity. The Fondation Arbour, by investing in students working in fields close to its heart, and by supporting students who contribute to research in engineering, computer science and business administration, contributes to the emergence of new ideas, innovative solutions and projects that energize our strategic sectors. Needless to say, our scholarships play a key role in Québec's competitiveness and growth.

Michel Brunet

Chairman of the Board



A WORD FROM OUR CHIEF EXECUTIVE OFFICER

On behalf of the entire Fondation Arbour team, I would like to express my gratitude to Philippe Arbour for his commitment and his essential role in the operational management of the Foundation over the last few years. His expertise and involvement have enabled us to structure and optimize our actions, ensuring the strategic use of our resources to maximize our impact. We wish him all the best for the future!

We are delighted to welcome our new Chairman of the Board, Michel Brunet. The entire Foundation team looks forward to continuing to work with him, and to benefit from his leadership and vision to further our mission. I would also like to express my deep gratitude to our directors, Diane de Champlain and André Monette, and our executive assistant, Joëlle Dorais, whose tireless work ensures the Foundation's sustainability and strengthens our commitment to the students we support.

Looking to the future, I fully agree with our new President's comments on the current situation: the geopolitical upheavals and challenges facing American universities create a unique opportunity for Quebec to stand out and encourage innovation. In this changing context, we have the opportunity to strengthen our role in supporting higher education and research in Quebec and Canada⁽¹⁾, and the Fondation Arbour can, in its own way, contribute to this effort.

In discussions with senior officials at our partner universities and schools, it has been brought to our attention that current Canadian and Quebec immigration policies deserve thoughtful evaluation. While certain limits are justified in the interests of balance and capacity, restricting international students' access to graduate studies (specifically Masters and PhDs) could prove a losing strategy in the long term for our economy and research ecosystem.

Indeed, for most of our partner universities and schools, international students represent 20% to 40% of master's enrolments (up to 60% at Polytechnique Montréal) and 60% to 80% of doctoral enrolments - a proportion that could very soon increase if we welcome students from American universities affected by budget cuts. This vital force of innovation should be preserved and nurtured, as it contributes significantly to the advancement of knowledge and the diversity of perspectives that are essential to Quebec's innovation and competitiveness.

In keeping with the values that have guided us since our inception, the Fondation Arbour is redoubling its efforts to support deserving master's and doctoral students, recognized as much for their academic excellence as for their commitment to making a short-, medium- and long-term contribution to Quebec society and its economy. What's more, the Foundation puts in place integration programs to maximize the retention of these brains (mentoring, networking, French-learning, internships, etc.) and ensures that our investments directly benefit our Belle Province ⁽²⁾.

The future belongs to those who dare, create and commit. The Fondation Arbour will be there to support them.

Marine Hadengue, PhD
CEO

1. It is indeed worrying to note that, according to Statistics Canada data, investment in research and development (R&D), as a percentage of GDP, has declined in recent years. Canada has fallen from 1.93% in 2020 to 1.75% in 2024 (forecast), while other G7 countries, such as the United States (3.5%) or Japan (3.3%), maintain much higher levels (Statistics Canada, 2023: www150.statcan.gc.ca). This trend must be reversed if we are to remain competitive and prosperous.

2. More than 90% of our scholars have stayed on to work in Quebec following their graduation.

THE BOARD OF DIRECTORS



Me Michel Brunet

Chairman of the Board

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. Me Brunet previously held positions at Fraser Milner Casgrain (FMC), one of Dentons' three founding firms, namely as National CEO.



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 lead 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.



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.



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.



Marianna Simeone

End of mandate July 26, 2024



Philippe Arbour

Former Chairman of the Board

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.



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.



Emna Ben Jelili

Communication advisor

Emna Ben Jelili is a Communications Advisor at the Arbour Foundation. In this role, she actively contributes to promoting the Foundation and its scholars by implementing effective communication strategies. She collaborates with students and academic institutions, provides technical and creative support, develops original content, and helps expand the Foundation's presence on social media. A doctoral candidate in Public Health at the School of Public Health of the Université de Montréal, she has diverse experience as a scientific advisor and consultant, particularly in analyzing issues related to health system governance and performance. She is also an Arbour scholar.

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

Thank you for sharing such wonderful news! I am incredibly grateful and honoured to accept the master's scholarship for the 2024-25 academic year. I am thankful for your recognition of my hard work and look forward to joining the Arbour community.

I am excited about participating in the French workshops and engaging in the mentoring program.

Thank you once again for your trust and this excellent opportunity.

Nawar Turk

On Thursday, March 20, 2025, Polytechnique hosted the first edition of the Soirée Bourses et Distinctions to celebrate scholarship recipients in the presence of our donors. It was a great pleasure to be honoured at this event in the presence of the Arbour Foundation, which was remarkably represented by Mrs. Diane de Champlain.

I would like to sincerely thank the Fondation Arbour and its Board of Directors for bestowing upon me the honour of being the recipient of the Arbour Doctoral Scholarship for the year 2024-2025.

Thanks to this scholarship, one of the most prestigious in the academic world, I will be able to prioritize my doctoral studies while pursuing my scientific and community involvement.

Many thanks to the Fondation Arbour for the invaluable financial support it has given me and for the guidance I receive through my exceptional mentor Diane de Champlain, to whom I would like to express my gratitude and appreciation.

Hassad Garba

Having read your reply yesterday morning shortly after receiving the message, I needed a day to realize what it means to me. Not only for the enormous qualitative relief it implies for my academic and professional career, but also for the opportunity to become involved in a professional community of your ambition, sharing ethics and values to which I identify. For, on August 22, it was above all the quality of the welcome and attention I received, and the open-mindedness and dedication of Ms. Diane de Champlain and Mr. André Monette that inspired me.

With the promise of honouring the recognition you have given me by offering your support, I accept the Arbour scholarship and sincerely thank you.

For me, this support is a springboard for maximizing my skills and abilities to contribute to a fairer, more prosperous society, one that looks to the future with confidence in its progressive values. A society in which I felt I belonged from the first day I arrived in Quebec.

Today, the emotion of joy is gradually giving way to my enthusiasm, which is growing as I reorganize my year around these new prospects. This will enable me to reduce my workload and concentrate fully on my studies and professional integration. The mentoring program is definitely one of the opportunities I intend to seize.

Aware of the exceptional opportunity I've been given, I'd like to reiterate my thanks for this unique opportunity to join the Arbour commu-

nity. I look forward to meeting its members in person and becoming actively involved in its activities.

Éva Michel

It is with deep emotion and sincere gratitude that I accept the Arbour Foundation doctoral scholarship. I would like to express my gratitude to the Foundation's management in particular the members of the selection committee, for selecting me for this prestigious scholarship for the year 2024-2025.

Winning this scholarship means a great deal to me, and I'm deeply grateful to you. On the one hand, it stimulates my enthusiasm and determination to carry out research work that will culminate in an original and significant thesis, and on the other hand, it represents my first distinction since my arrival in Quebec.

I am honoured to be part of the Arbour community and I aspire to promote its values through my academic and professional activities, while pursuing objectives in line with its mission. I am also highly motivated to participate in the mentoring program offered by the Foundation.

Jean-Mackson Beralus

OUR PARTNERS

University partners

SINCE 2006



\$931,500*

HEC MONTRÉAL

\$841,000*



\$649,000*



\$514,000*



\$723,000*

SINCE 2007



\$1,494,000*

SINCE 2008



\$479,000*

SINCE 2013



\$780,500*

SINCE 2020



97 000\$*



55 000\$*



102 500\$*

*Scholarships value since the beginning of the collaboration

Industrial partners

Offre de stages à nos boursiers

SINCE 2020

SINCE 2021

ABB

matrox

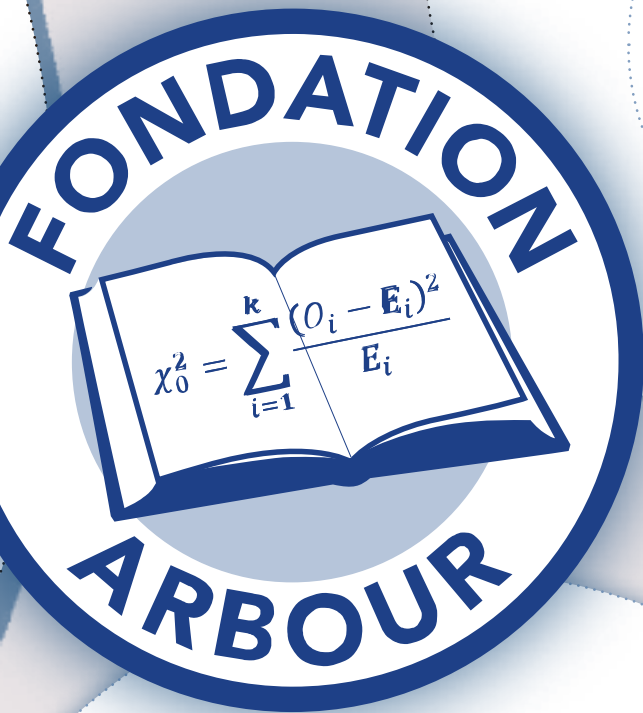
Q Hydro
Québec

PAGEAU
MOREL

SINCE 2022

BOMBARDIER

CAE



Entrepreneurial partners

Mitacs

IVADO

D3
District 3

V1
Studio

QCSE

ton
équipier

CREATEK

ZEBRA

Other partners

Coaching to our scholars

SINCE 2021

ascension

Fondation pour la
langue française



OUR SCHOLARS 2024-25



Jerry Lau

MSc

Structural brain correlations of healthy human EEG alpha peak frequency



Le génie pour l'industrie

Cédric Foffe Ngoufo

PhD

Multi-Objective Optimization of Propulsion-Airframe Integration For a Blended Wing Body Aircraft with Boundary Layer Ingestion

HEC MONTRÉAL

Dania Kyle

PhD

The topic focuses on Japanese strategies of visual storytelling in marketing arts, media and culture (e.g., comics, TV series, Films and video games), to discover how consumers appropriate narratives that become part of their identity.

Frank-Olivier Garane

PhD

Essays on households finance

Maria-Alejandra Martinez Oviedo

MSc

Change management in the implementation of IT tools in the aeronautical sector. (Supervised project)

Éva Michel

MSc

Dynamics between charismatic leaders and Followers in the cultural sector

Marie Saglio

MBA



Carlos Miguel Garcia Rosas

PhD

Terahertz nonlinear effects induced by elliptically and circularly polarized intense terahertz pulses

Camille Kouessi Dagbo

MSc

Automation of serovar identification of pathogenic leptospires

Ablema Sephora Tanoe

PhD

Development of electrolytic processes for decontaminating vegetable washing water



Jean-Mackson Beralus

PhD

Development of new activated carbons from Caribbean plant biomass as support materials for lithium-ion batteries.

Anoosh Dini

PhD

Cyber-security in load-frequency control of smart grids

Hassad Garba

PhD

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

Jad Albasha

MSc

Structural Stability of Concrete Gravity Dams: Study of Cracking and Comparison of Performance Indicators Between the Gravity Method and the Finite Element Method

Gholamreza Roohollahi

PhD

The Development of Direct Induction Heated Catalysts for Plastic Waste Valorization

Mehdi Djitli

MSc

Towards More Interpretable and Rigid Aerospace Designs: Topology Optimization of a Blended Wing Body Aircraft

Gaya Mehenni

MSc

Ontology-Constrained Generation of Domain-Specific Clinical Summaries

Elisabeth Viau

PhD

The digital divide in agriculture : IA and inequalities in the agricultural sustainable transition



Nawar Turk

MSc

Analyzing Rhetorical Patterns for the Automatic Detection of Online Propaganda



Olivier Melançon

PhD

Highly Optimizing Compilers for Highly Dynamic Languages

Michael Matesic

PhD

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

Emna Ben Jelili

PhD

Framing Public Health in Canadian Provinces: A Challenge of Measurement, Structure, and Governance

Mersedede Mokri

PhD

Optimization of Dynamic Myocardial PET Imaging Using AI: Acquisition Time Reduction and Predictive Modeling

Thomas Jiralerspong

MSc

Automating Prompt Design For Large Language Models by Understanding the Non-parametric Learning Capabilities of Neural Networks

Rushil Gupta

MSc

Bayesian Reasoning Abilities of the Large Language Models



UNIVERSITÉ DE
SHERBROOKE

Zineb El Yamani

MSc

From Neuroimaging Research to Clinical Impact in Multiple Sclerosis: Computational Tools to Accelerate the Clinical Integration of Advanced Neuroimaging Findings

Berthié Guin-Ferland

PhD

How to develop a neuromorphic processing system for more efficient scientific instrumentation

Astrid Esparza Aponte

PhD

Energy management of a solar-diesel hybrid system in Northern Quebec to reduce fuel consumption and preserve batteries using optimization algorithms

Émeric Désilets

MSc

Continuous catalyst regeneration for dry methane reforming in a solar microreactor

Amani Maurel ADI

PhD

Three (3) essays on Africa's international trade



Lahcen Fatah

PhD

The open public data policies from the lens of technological promises in Quebec

Catherine Boily

MSc

Research in indigenous contexts: ways of knowing tensions, relational ontology and non-indigenous learners' narratives



Étienne Gravel

MSc

Towards an improvement of mechanical rams for first responders

Benjamin Turgeon

PhD

Holistic Approach For a New Prefabricated Composite Bridge Concept Using Timber and Eco-UHPC: Analysis, Design, Experimental Validation and Life Cycle Assessment



Sara Eddaki

MSc

How do sustainable Finance practices influence economic disparities, more specifically in terms of income inequality, access to financial resources and wealth distribution?

Heidi Roussin

MBA

Master in Business Administration: Finance

Anderson Recker

MBA

Master in Business Administration: Global Strategy & Leadership

Michelle Pelletier

MSc

Advancing Pathogen Detection in Urban Recreational Waters: Spectrofluorophotometry Validated by Molecular Biology and Culture-Based Methods

OUR SUPPORT TO TECHNOLOGICAL ENTREPRENEURSHIP



© Vanessa Cyr Photographie

Arbour Foundation's Commitment to Entre- preneurship: From Re- search to Impact

For several years, the Arbour Foundation has established itself as a key player in Quebec's entrepreneurial ecosystem by supporting the emergence of a bold and innovative scientific next generation. True to its mission of encouraging excellence and social contribution, the Foundation has built strategic partnerships—most notably with **VI Studio** and **IVADO**—to help researchers transition from the lab to the market.

Supporting the Early Stages of Scientific Entrepreneurship

Recognizing that the first steps into entrepreneurship are often the riskiest—and the least supported—the Arbour Foundation backs programs that guide researchers from the ideation phase of their entrepreneurial journey. This support comes at a crucial time when very few actors are willing to fund early-stage initiatives.

The partnership with **V1 Studio** illustrates this commitment: it allows university researchers to benefit from tailored support to develop the entrepreneurial skills needed to commercialize their innovations. The goal is to bridge the gap between academic research and real-world application by fostering projects that contribute meaningfully to Quebec's economy.

Strengthening Scientific Entrepreneurship in the Field of Digital Intelligence

In line with this mission, the Arbour Foundation also collaborates with **IVADO**, an institute that plays a key role in the development of Quebec's digital intelligence sector. Through this partnership, the Foundation supports post-doctoral scientific entrepreneurs from major Montreal universities by providing them with financial assistance to advance their innovation-driven projects.

This collaboration enables researcher-entrepreneurs to overcome the challenges associated with funding collaborative research and gives them structured support to launch technology-based ventures stemming from high-level academic work.

An Inclusive Approach: Empowering Women Entrepreneurs

The Arbour Foundation pays special attention to the inclusion of women in the entrepreneurial ecosystem. This support enables them to accelerate the development of their businesses by acquiring the necessary skills to bring their solutions to market.

OUR MENTORSHIP PROGRAM GOES BEYOND FINANCIAL SUPPORT

André Monette is an exceptional mentor, combining expertise and kindness. He makes complex subjects accessible and encourages critical thinking. His support and commitment to the development of his mentees leave a lasting mark. Working with him is a source of inspiration and progress.

Mahsa Motamedi, Concordia University

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Thanks to the Fondation Arbour, I had the opportunity to benefit from the mentorship of Marine Hadengue, with whom I enjoyed enriching exchanges on both academic and professional levels.

Of all our encounters, one in particular left a lasting impression on me: our session in January 2024, when I was preparing to take my final doctoral exam, i.e. the presentation and defense of my research project before my thesis jury.

Marine accompanied me with rigor and kindness, helping me to make a mock presentation. Thanks to her advice, I was able to better structure my speech, clarify my explanations and add value to my research project. Her critical eye also enabled me to anticipate some of the jury's questions, which proved decisive for my success in the exam.

On the big day, my presentation flowed smoothly and confidently, and the jury was very appreciative. I'm deeply grateful to Marine Hadengue and the Arbour Foundation for their invaluable support, which contributed to my success.

Thanks again, Marine!

Cédric Foffe Ngoufo, ETS

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© Vanessa Cyr Photographie

Through this program, I've had the honor of meeting an exceptional person whose values and remarkable career path have deeply inspired me. Being a reserved person, I tend to focus on my family and my academic activities at Polytechnique, which limits my interactions with the outside world. However, my exchanges with Diane de Champlain enabled me to broaden my horizons and acquire valuable information beyond the academic sphere, while helping me to identify areas for improvement to further my personal development.

What's more, these learnings have provided me with tools to facilitate my social and professional integration in Canada, and more specifically in Quebec. I would like to extend my warmest thanks to Diane de Champlain and

the Arbour Foundation for giving me the opportunity to take part in this wonderful and enriching experience.

Jean-Mackson Beralus, Polytechnique Montréal



I think the Mentorship program of the Arbour Foundation has proved really helpful for me. As someone planning a research career in a field I don't come from traditionally, I had a lot of doubts on both the personal and professional levels. Through his rich experience, my mentor helped me lay down my thoughts and worked with me towards addressing my doubts. Overall, whenever I met him, I have always come back much more positive and motivated. I would like to extend a genuine thank you to the Foundation for giving me this opportunity.

Rushil Gupta, Université de Montréal



The moral support, experience and inspiration provided by my mentor, Diane de Champlain, have played a decisive role in my future career. Thanks to her guidance throughout my university career, I've gained the perspective I need to seize opportunities that match my motivation and skills. Diane is an exceptional mentor: her consistency and emotional and relational intelligence are undeniable assets for anyone seeking an exciting and ambitious career path.

Éva Michel, HEC Montréal



Mentorship has been a valuable experience for me, providing insightful guidance and a thoughtful perspective on my academic and professional choices. With Michel Brunet's support, I was able to better structure my career goals, make strategic decisions, and gain confidence in my journey. His expertise and attentiveness had a significant impact on my personal and professional development.

George Olatoundji Gnonhoue, ETS



EVENTS ORGANIZED BY THE FOUNDATION IN 2024

AI for the Planet, a networking event organized jointly by the Arbour Foundation and IVADO

On May 30, 2024, at Montreal's Intercontinental Hotel, the Fondation Arbour and Ivado welcomed Arbour and IVADO scholars, partners and guests to their joint networking event: AI for the Planet. The guest speaker was none other than Hugo Larochelle, associate professor at Université de Montréal, research scientist at Google DeepMind, holder of the Canada-CIFAR Chair in AI, and Senior Industry Fellow at Mila.

Over a hundred guests were captivated by Mr. Larochelle's presentation. The networking events are much appreciated by the wider Arbour community, as a participant testified: "I met some fascinating and brilliant people!"

During the cocktail reception, entrepreneurial scholars were on hand to present their business projects, as were V1 Studio and Ton Équipier, to answer entrepreneurial questions.



© Colleen Mathieu

From Lab to Market, December 2024 networking event



© Vanessa Cyr Photographie

On December 3, 2024, the Arbour Foundation held a major event in Montreal dedicated to innovation and networking, entitled From Lab to Market. The event brought together nearly a hundred people, and was held in the premises that V1 Studio shares with incubator D3.

It was a unique opportunity to highlight the inspiring stories of researchers and entrepreneurs who are translating scientific advances into concrete solutions.

Three young entrepreneurs presented their projects:

Madline Sauvage, a PhD student in molecular biology, presented an innovative diagnostic tool for breast cancer based on G-FETs, as well as her start-up aimed at democratizing access to this technology;

Samuel Gilbert, Founder of Hexperscience, explained how his company puts scientific expertise at the service of SMEs using cutting-edge psychometric tools;

Félix-A. LeBel, President and CEO of SysNergie, demonstrated how electric motorcycle racing can serve as a laboratory for the development of modular, multi-purpose batteries.

The theme of the event brought together the wider Arbour community, including Arbour scholars, university and business partners. In the opinion of one participant, who summed up the event's success: "The Arbour Foundation succeeds in creating spaces where ideas circulate freely between academic, entrepreneurial and institutional circles. This is invaluable."



© Vanessa Cyr Photographie

ACHIEVEMENTS AND SUCCESSES OF OUR SCHOLARS



Jerry Lau MSc

- Teaching assistant for computer networks, cyber security and operating system courses at Bishop's University (CS214, CS325, CS409)
- Participation in supervising professor's research on heart rate variability to gray matter correlation



Cédric Foffe Ngoufo PhD

- Ambassador of the Ordre des ingénieurs du Québec
- Monitoring the research work of two master's students
- Supervising the international internship projects of two French engineering students on exchange in Canada
- Teaching assistant for the undergraduate course in Aerodynamics Member of the student mentoring program at ÉTS
- Member of the Avion-Cargo student club at ÉTS
- Creation of an automotive repair garage (official launch pending)



HEC MONTRÉAL

Dania Kyle PhD

- Guest 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
- Sole doctoral student invited as co-author by the Chair of the Marketing Department,

Dr. Gary Gebhardt, to collaborate with him on a research project and upcoming publication on the importance of culture in a Business-to-Business context

- Featured guest on the television show "Femme, je te tue," hosted by Ingrid Falaise and Sarah Bernard on Bell Media (aired in February 2024 on the Investigations channel and the Crave platform), to speak out against domestic violence and Femicide
- Guest speaker at the "École de la Relève" youth program, delivering a motivational talk titled "Only One Life" at a high school on February 15, 2024
- Recipient of the 2024 Lieutenant Governor's Youth Medal Winner of the 2024 Best Academic Poster Award across all Master of Science programs during a graduate research competition at the John Molson School of Business. I summarized my 230-page thesis in the form of a giant comic strip. This event marked the 15th anniversary of the Annual Graduate Research Exhibition (AGRE), held on March 21, 2024
- First doctoral student invited by the international campus to participate in a training program in Singapore and Malaysia in summer 2024
- Recipient of the Doctoral Research Scholarship from the Fonds de recherche du Québec – Société et culture (FRQSC) for the 2024–2028 competition cycle
- Group project presenter at the Administrative Sciences Association of Canada (ASAC) for an academic conference in June 2024 in Montreal. The presentation was a literature review on the use of disruptive innovation theory
- Reviewer and evaluator of papers and posters for the 2024 ASAC summer conference. Sole student selected by HEC Montréal to represent the university at the national level for the Vanier Canada Graduate Scholarships (BESC Vanier) competition
- Ambassador for the Arbour Foundation for a second consecutive year
- Teaching assistant for the course "Marketing of Cultural Organizations," taught by Dr. Dantas in the BBA program during the Fall 2024 semester
- Recipient of the Persevering Personality Award in the university category of the Forces Avenir Foundation competition in October 2024

- Invited speaker For the Commemoration of Women Victims of Violence and Femicide at Énergir in Montreal on November 28, 2024. A \$1,000 donation was made to the Association of Families of Persons Assassinated or Missing (AFPAD)
- Reviewer and evaluator of papers and posters For the American Marketing Association (AMA) conferences in 2024 and 2025
- Teaching assistant For the course “Consumer Behavior,” taught by Dr. Jean-Sébastien Marcoux in the BBA program during the Winter 2025 semester
- Invited author at the Consumer Culture Theory Conference (CCTC) in London in June 2025 to present my creation of a new marketing concept on the commercialization of villainous characters
- Conference organizer and planner For the Frontiers in Service Conference at HEC Montréal in July 2025. Responsible for customer relationship management and the coordination of a team of fifteen student staff members. Currently co-authoring a scholarly article, based on my master’s thesis, with Dr. Zeynep Arsel For the Journal of Consumer Research

Frank-Olivier Garane

PhD

- Academic presentation of research work at Université Laval, Binghamton University, MacEwan University, and UQAM
- Assistant Professor of Finance at ESG UQAM (starting June 2025)

Maria-Alejandra Martinez Oviedo

MSc

- Internship at Bombardier
- Ambassador at HEC Montréal (From March 2025)

Éva Michel

MSc

- Contribution to a research project by the Business School Association of Canada on the value of in-person presence in educational and professional contexts within business schools in the post-pandemic era
- Development of a donor recognition program For ÉTS
- Newly appointed board member of La Cenne (a cultural non-profit organization)



Carlos Miguel Garcia Rosas

PhD

- Winner of the International Mobility and Short-Term Stays Outside Québec Program Scholarship, for doing a research internship at the ELI-ALPS Laser Research Institute, Szeged, Hungary
- Participation in Conference: “Impact ionization and intervalley scattering induced by intense few-cycle THz pulses in undoped InSb thin films”, at the Extreme Light Infrastructure Summer School (ELISS) 2024, September 2nd-6th, 2024. Szeged, Hungary
- Participation in Conference: “Optimization and design of polymer terahertz wave plates”, at the Eighth Montreal Photonics Networking Event, November 29th, 2024. Montreal, Quebec, Canada
- Secretary of the INRS Photonics Student Association at the Institut National de la Recherche Scientifique
- Contribution as second author and submission of the manuscript in an IOP Science journal, entitled “Challenges in the measurement of intense terahertz field: a comparison of direct electro-optic and indirect intensity-based methods”

Camille Kouessi Dagbo
MSc

- Ambassador of the Arbour Foundation at the INRS Armand-Frappier Centre for Health and Biotechnology.
- Academic presentation of the results of the work at the SES9900 seminar.
- Wrote a paragraph on the identification of leptospiral serovars in an article (not yet published).
- Participated in the 13th conference of the International Leptospirosis Society in Belgium



Ablema Sephora Tanoe
PhD

- Second prize for oral presentations at the 4th edition of the Inter-Centre Scientific Days of the Institut national de la recherche scientifique in Quebec City
- Facilitator of the science outreach workshop “Water Heroes for the Decontamination of Potato Wastewater,” at the Québec Aquarium
- Participation in the Water, Earth and Environment conference at ENAP (Québec)
- Ambassador for the Arbour Foundation
- Participation in the QCES training on entrepreneurship in Quebec with V1 Studio
- Publication of my literature review article on the management of vegetable wash water: <https://doi.org/10.1080/07011784.2024.2445585>



Jean-Mackson Beralus
PhD

- Ambassador of the Ordre des ingénieurs du Québec
- Supervising the experimental work of a master's student
- Member of the Polytechnique mentorship program



Anoosh Dini
PhD

- Winner of the Sun Life Financial Excellence Scholarship
- Published a paper at the Machine Learning with Applications Journal
- Accepted paper for the ccece2025 conference (Presentation is this year)



Hassad Garba
PhD

- Completion of the second phase of tests on the physical model of pumping stations to optimize and improve the energy efficiency of pumping systems.
- Conducted an experimental study on a physical model to determine the hydraulic capacity of storm sewer grates for different service scenarios.
- Reappointment as member of the Student Discipline Committee at Polytechnique Montréal.
- Member of the Polytechnique Ambassadors team



Jad Albasha
MSc

- Recipient of the Master's scholarship from FRQNT and CRSNG
- Lecturer for structural engineering courses at Polytechnique Montréal (MEC1410, CIV1150, and CIV3504)
- Teaching assistant for in two structural engineering courses at Polytechnique Montréal (CIV3502 and CIV8510)
- Publication of a conference paper for the 2024 CSCE Congress
- Submission of a conference paper for the 2025 CSCE Congress
- Participation in several conferences, such as Hydro-Québec Research Day and the annual CSA Group conference
- Involvement in the launch of a new technical society (EERI-Polymtl) focused on seismic building design
- Organization of the visit of senior engineer Rafael Sabelli Raphael to Polytechnique Montréal
- Ambassador of Polytechnique Montréal

- Ambassador of the Ordre des ingénieurs du Québec
- Participation in Polytechnique Montréal's mentorship program as a mentor
- Elected as an Administrator and as a Civil Engineering delegate and as an Administrator for the Graduate Students' Association of Polytechnique (AÉCSP)
- Member of the jury for the awarding of the AÉCSP Solidarity Scholarship

Gholamreza Roohollahi

PhD

- Awarded the Bechtel Excellence Scholarship
- Co-inventor of a published PCT patent application (published in December 2024)
- Article accepted for the 9th European Process Intensification Conference (EPIC 2025)

Mehdi Djitli

MSc

- Received Hydro-Québec Scholarship M. Sc. A

Gaya Mehenni

MSc

Teaching

- Teaching Assistant for the course INF8460 - Natural Language Processing at Polytechnique

Research

- Publication of a paper on clinical note summarization at the 24th International Conference on Knowledge Engineering and Knowledge Management (EKAW 2024).
- Submission of a paper to the Conference on Language Modeling (COLM 2025)

Volunteering

- Member of the organizing committee (VP Competitions) of the 40th edition of the Quebec Engineering Competition (CQI).
- Member of the organizing committee (VP Machine) of the 35th edition of the "Jeux de Génie" (Engineering Games)

Elisabeth Viau

PhD

- Presented my thesis at the 2024 National Gathering of Graduate Students (October 9-11, Vancouver, BC)
- Member of the Student Intersectoral Committee (CIÉ) at the FRQ, lead on the Indigenous early-career researcher file
- Member of the CÉODD, co-organizer of the panel on "AI For Environmental Stewardship" (November 2024)
- Recipient of the Pierre Elliott Trudeau Foundation Scholarship
- Research internship at the National Institute of Informatics in Tokyo (Spring 2025): developing an algorithm to assess the environmental impact of renewable energy plants



Nawar Turk

MSc

Awards and Scholarships

- Awarded the Canada Graduate Scholarship-Master's by the Natural Sciences and Engineering Research Council of Canada (NSERC)

Research and Professional Development

- Completed the Quebec Scientific Entrepreneurship Program (QcSE)
- Submitted a long paper as first author for the Canadian Conference on Artificial Intelligence (Canadian AI 2025) (pending approval)
- Submitted a paper as joint first author to the PromiseEval task at SemEval-2025 (the International Workshop on Semantic Evaluation) (pending approval)

Teaching Experience

- Teaching Assistant for undergraduate Artificial Intelligence course

Volunteer Work

- Ambassador, Arbour Foundation at Concordia University
- Volunteer, Meals-on-Wheels program, Santropol Roulant
- Volunteer, Concordia Shuffle



Olivier Melançon

PhD

- Paper presentation as First author at European Conference on Object-Oriented Programming 2024 in Vienna, Austria
- Paper submission as First author at Object-Oriented Programming, Systems, Languages & Applications 2025
- Paper submission at International Symposium on Memory Management 2025
- Joined the Canada-France research group Compilation and Optimization of Dynamic Languages (COLD)
- Presentation of a segment on cyber security at Moteur de Recherche, Radio-Canada
- Foundation of a business for the creation of computer hardware specialized for education

Michael Matesic

PhD

- Graduate presenter at the annual meeting of the Centre de recherche en astrophysique du Québec (CRAQ)
- First-author article officially published in The Astronomical Journal

Emna Ben Jelili

PhD

Career

- Scientific Advisor at the Commissioner of Health and Well-being
- Researcher: Measuring Public Health Expenditures in Quebec and Other Canadian Provinces: A Comparative Analysis – Directorate General of Public Health, Quebec Ministry of Health and Social Services (MSSS)
- Teaching Assistant at the Faculty of Medicine, Université de Montréal, CSS1900 – Collaboration in Health Sciences

Research

- Moury, C., Jacques, O., & Ben Jelili, E. (2024). Damned if you do, damned if you don't: The

politics of pandemic preparation as a grand challenge. *International Review of Administrative Sciences*. 30 pages. (Accepted)

- Jacques, O., Ben Jelili, E., & Arpin, E. (2024). The Partisan Politics of Social and Health Policy Reforms. *Sociologie et sociétés*. 35 pages. (Accepted)
- Ben Jelili, E. Demystifying the Low Investment in Public Health Expenditures in Quebec – Canadian Political Science Association (CPSA) Annual Conference, 2024

Mersedé Mokri

PhD

- Internship in AI and Medical Imaging at BrainInnov Inc., Montreal
- Finalist in the final pitch of the Mitacs Invention to Innovation (i2I) program – commercialization of an AI project applied to cardiac imaging
- 2025 Artificial Intelligence Scholarship, Graduate Studies School, Université de Montréal
- 2024 Mitacs Funding for the Invention to Innovation (i2I) program, Simon Fraser University, Vancouver, Canada
- Accepted into the Lab2Market (L2M) program – Spring 2025 cohort
- Researchers in Entrepreneurship Network Certification, V1 Studio

Scientific Publications:

- Deep Learning-Based Prediction of Later ^{13}N -ammonia Myocardial PET Image Frames from Initial Frames,
- Journal: *Biomedical Signal Processing and Control*, 2024. DOI: 10.1016/j.bspc.2024.106865
- Ultra-Fast Dynamic Myocardial ^{13}N PET-CT using Deep Learning, IUPESM 2025 Conference (submitted)
- Simultaneous Partial Volume Correction and Denoising of Brain PET Images using Transformers and Transfer Learning,
- Journal: *Biomedical Signal Processing and Control* (submitted)
- Direct Inference of Parametric Images in Brain Dynamic PET using Hybrid Spatio-Temporal Transformer Network: Phantom Study,
- Journal: *Physics in Medicine & Biology* (submitted)

Thomas Jiralerspong

MSc

- First authored paper at Conference on Neural Information Processing Systems (NeurIPS) 2024
- First authored paper at International Conference on Learning Representations (ICLR) 2024
- First authored paper at International Conference on Learning Representations (ICLR) 2025
- First authored paper at International Conference on Machine Learning (ICML) 2025

Rushil Gupta

MSc

- Received the Student Success Scholarship by UdeM
- Co-First authored publication at the Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD) 2025
- A publication under review at Conference on Learning Theory (COLT) 2025
- Received a scholarship from Tata Endowment Trust in India
- Teaching Assistant for graduate level AI courses like Representation Learning and Natural Language Processing



UNIVERSITÉ DE
SHERBROOKE

Zineb El Yamani

MSc

Community Engagement

- Speaker at three public outreach events organized by BistroBrain
- Invited speaker during 2025 Brain Awareness Week at the Research Centre on Aging
- Training for a marathon to raise funds for the Multiple Sclerosis Association of Estrie - currently in preparation
- Fondation Arbour Ambassador for the 2024-2025 academic year
- Winner of the 2024 Science POP competition (in-house), and recipient of the Public Choice Award

Research

- Named Student of the Month (February 2025) at the CHUS Research Center (CRCHUS), with a current nomination for Student of the Year
- Participation in MICCAI 2024, an international flagship conference in medical imaging and health-related computing
- Invited to represent the Medical Imaging axis during the CRCHUS scientific retreat
- Second author of a poster presented at the ISMRM Workshop on 40 Years of Diffusion, Kyoto, Japan
- First author of a poster presented at DLMI 2024, Montreal

Teaching and Mentoring

- Selected as team coordinator for the SPARK academy program (in collaboration with students from McGill University)

Berthié Guin-Ferland

PhD

Scholarships/Awards

- Student Research Enhancement Scholarship
- 3IT Research Excellence Scholarships
- Excellence in Science Communication Award at the GENIUS event

Involvement

- Co-director of the ComSciCon-Qc 2025 conference
- Organizer of the ComSciCon-Qc 2024 conference
- Creator and host of Un instant de génie: a personal podcast project on sociotechnological topics for the general public
- Guest presenter on the Papa PhD science communication podcast with David Mendes (June 2024)
- Presenter for the 2024-2025 BistroBrain science outreach events
- Judge for the 47th and 48th Hydro-Québec Science Fairs (Expo-sciences)
- Science communication on artificial intelligence for high school students and the general public in Sherbrooke

Contributions

- Edge Machine Learning on Intel Loihi 2 for Ultra High-Rate Detectors: Benefits and Challenges (submitted)
- Accelerating Data Acquisition with FPGA-Based Edge Machine Learning: A Case Study with LCLS-II

Astrid Esparza Aponte

PhD

- Recipient of the Interdisciplinary Institute For Technological Innovation Excellence Scholarship
- Recipient of the Climate Action Scholarship From the Fonds de recherche du Québec
- Recipient of the Best Presentation Award in the “Renewable Energy and Energy Storage Systems” technical session at IECON 2024, Chicago, USA
- Recipient of the Student Engagement Mention on the transcript From the Université de Sherbrooke
- Submission of a journal article as First author: “A Review of Energy Management System Optimization For Microgrids” to the Energies-MDPI journal
- Publication and presentation of an article at the IECON 2024 - 50th Annual Conference of the IEEE Industrial Electronics Society, as First author: “Sensitivity Analysis of Battery Degradation Concerning Control Parameters of a Hybrid Nanogrid”, in Chicago, USA
- Participation in the Genius 2025 poster presentations at the Université de Sherbrooke with the poster: “How can the integration of multi-objective optimization improve the performance of Nano-grids?”
- Elected representative of international graduate students in Engineering at the Université de Sherbrooke
- Ambassador For the Arbour Foundation.
- Volunteer with the Big Brothers Big Sisters project For welcoming new students.
- Successful completion of the doctoral exam at the Université de Sherbrooke

Émeric Désilets

MSc

- First prize For best poster presentation at the 15th edition of the Emerging Talent Day in Chemical and Biotechnological Engineering (2025)
- Participation in the 2025 SolarPACES International Conference on Concentrated Solar Power Technologies
- Recipient of the Suncor Scholarship From the Université de Sherbrooke Foundation (2024)

Amani Maurel ADI

PhD

- Volunteer For the Arbour Foundation at the School of Management, Université de Sherbrooke
- Retained as Academic Affairs Officer For the Association of PhD Students in Development Economics
- Appointed as a volunteer tutor For a preparatory undergraduate economics student
- Made significant progress in thesis writing (research activity document to be submitted at the end of this term)
- Enrolled in an English language improvement course



Lahcen Fatah

PhD

Research papers (2025) :

- Fatah, L. L'éthique et le génie québécois : Entre perfectionnisme institutionnel et délibération éthique, Marc-Kevin Daoust et Thomas Mekhaël, Québec : Presses de l'Université du Québec, 2024, pp. 294. Canadian Journal of Political Science.

Press publications (2024, 2025):

- Les affaires, le 28 avril 2024 : Lahcen Fatah, “Le Québec peut devenir un leader en matière d'IA responsable” : <https://www.lesaffaires.com/dossiers/cloud-comment-bien-l'implanter-2/le-quebec-peut-devenir-un-leader-en-matiere-dia-responsable-2/>
- Le Devoir, 30 juillet 2024 : Lahcen Fatah, “Mis-sIA ou lorsque l'on récompense des standards de beauté qui n'existent pas” : <https://www.ledevoir.com/opinion/idees/817301/idees-mis-sia-ou-lorsque-on-recompense-standards-beaute-existent-pas>
- Le Devoir, 14 janvier 2025 ; Lahcen Fatah, “L'encadrement de l'IA sous le voile de l'incertitude politique canadienne” : <https://www.ledevoir.com/opinion/idees/832522/idees-encadrement-ia-sous-voile-incertitude-politique-canadienne>
- Le Devoir, 11 avril 2025 ; Lahcen Fatah, “Microsoft a fêté ses 50 ans et son influence grandissante sur la société” : <https://www.ledevoir.com>

com/opinion/idees/866437/idees-microsoft-fete-50-ans-influence-grandissante-societe

Media interventions - Quebec/Canada (2024, 2025):

- CScience, 2 mai 2024 : “Un nouveau filtre politique signé Meta”, Édouard Desroches : <https://www.cscience.ca/un-nouveau-filtre-politique-signe-meta/>
- Actualités UQAM, 11 juillet 2024 : Lahcen Fatah remporte le prix Louise-Dandurand : <https://actualites.uqam.ca/2024/lahcen-fatah-prix-louise-dandurand/>
- La Presse, 21 juillet 2024, Dossier “Miss AI - Un podium de beauté artificielle”, Florence Provencher : <https://www.lapresse.ca/societe/miss-ai/un-podium-de-beaute-artificielle/2024-07-21/au-dela-de-la-beaute.php>
- QUB Radio, TVA+, Interview Radio/TV : 31 juillet 2024, “ MissAI : le premier concours de beauté pour Femmes créées par intelligence artificielle”, Jean-François Baril : <https://www.youtube.com/watch?v=j5FJwd5T1UU> - <https://www.qub.ca/radio/video/ai-1717164481>
- Le Devoir, 19 octobre 2024 : “Réglementer l'intelligence artificielle : la loi qui se fait attendre”, Camille Feireisen : <https://www.ledevoir.com/societe/science/821861/reglementer-intelligence-artificielle-loi-fait-attendre>
- La presse Canadienne - L'actualité, 9 janvier 2025, “L'élection canadienne serait dans la mire d'Elon Musk”, Stéphane Blais : <https://lactualite.com/actualites/lelection-canadienne-serait-dans-la-mire-delon-musk/>
- Radio Canada Ohdio, 6 avril 2025, “Les 50 ans de Microsoft : Capsule d'Alexis Gacon”: <https://ici.radio-canada.ca/ohdio/premiere/emissions/tout-terrain/segments/rattrapage/2037817/50-ans-microsoft-capsule-alexis-gacon> ;
- Pieuvre.ca, 9 avril 2025, “À 50 ans, Microsoft est une “compagnie-État” qui “joue avec le feu”: <https://www.pieuvre.ca/2025/04/09/technologie-microsoft-50-ans-derives-ia/>

Teaching (2024, 2025):

- Engineering ethics / Éthique appliquée à l'ingénierie (SSH3501). Département de mathématiques et de génie industriel (MAGI), Polytechnique Montréal.
- Engineering ethics / Éthique appliquée à l'ingénierie à distance (SSH3501D). Département de mathématiques et de génie industriel (MAGI), Polytechnique Montréal.
- Ethics, law and professional conduct for Quebec engineers / Éthique, droit et déontologie

des ingénieurs du Québec (IC150 - Formation professionnelle), Département de mathématiques et de génie industriel (MAGI), Polytechnique Montréal.

- Biomedical engineering Ethics / Éthique appliquée au génie biomédical (SSH3503), Département de mathématiques et de génie industriel (MAGI), Polytechnique Montréal.

Course coordinator/manager (2025):

- Coordinator - Head of Engineering ethics (SSH3501 - SSH3501D) and Biomedical engineering Ethics (SSH3503) courses. Department of Mathematics and Industrial Engineering (MAGI), École Polytechnique Montréal.

Awards (2024, 2025):

- Recipient of the Prix Louise-Dandurand, Prix de la publication en Français - 2024, Fonds de recherche du Québec.
- Prize awarded for the article: Fatah L. 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. Canadian Journal of Political Science. 2023;56(3):729-738. This paper was also among the complementary readings of the former Bill C-27 on the Parliament of Canada website : <https://www.parl.ca/legisinfo/fr/projet-de-loi/44-1/c-27?view=about>.
- Recipient of the Prix de l'enseignement in the category of best lecturer in mathematics, humanities and social sciences, Gala Méritas 2025 - Polytechnique Montréal.

Communications - Conferences (2025):

- Speaker at the symposium on artificial intelligence: “FACE À L'AI : AGIR POUR L'AVENIR DE NOS MÉTIERS”, organized by Union des artistes (UDA), in partnership with L'Association québécoise des techniciens et techniciennes de l'image et du son (AQTIS), L'Association des réalisateurs et réalisatrices du Québec (ARRQ), the Quebec Council of the Directors Guild of Canada/trices (DGC Quebec), the Guilde des musiciens et musiciennes du Québec (GMMQ), the Société des auteurs de radio, télévision et cinéma - SARTEC and the Ministère de la Culture et des Communications du Québec (MCC).
- Member of the Chaire de recherche du Québec sur l'intelligence artificielle et le numérique Francophones - IANF (2024, 2025) : <https://chaireianf.ca/membre/lahcen-fatah/>
- Member, researcher at the Centre inter-universitaire de recherche sur la science et

la technologie (CIRST) (2019, 2020, 2021, 2022, 2023, 2024, 2025).

Entrepreneurship:

- Development of a startup project specializing in the ethical issues of artificial intelligence (AI) and data.
- Board member of Nord Ouvert: <https://open-north.ca/board/> (2022, 2023, 2024, 2025).
- Arbour Foundation Ambassador at Université du Québec à Montréal (UQAM) - 2025

Catherine Boily

MSc

- Nominated For the Prix Relève at the annual community recognition event of UQAM's Ecole des sciences de la gestion (ESG), Décadra24
- Chosen as one of three Featured personalities For the new ESG+ (UQAM) notoriety campaign
- Volunteer, Facilitator and trainer For Thèsez-vous
- Elected student representative For a second term with the Centre d'études sur les Innovations sociales (CRISES)



Sara Eddaki

MSc

- Ambassador of the Arbour Foundation at McGill University
- Technical Volunteer at the Arbour Foundation

Heidi Roussin

MBA

- Elected Vice-President Finance of the Desautels Graduate Student Association
- Recipient of the Ruth Patricia Glenen Fellowship Award

Anderson Recker

MBA

- President - Desautels Graduate Consulting Club
- Men's Varsity Rugby Team Member

Awards:

- Recipient of the Futures Fund Scholarship (still to be published)
- Recipient of the McCall MacBain & Aleo Foundation Scholarship & Leadership Program
- Recipient of the Kelly Family MBA Leadership Award
- Recipient of the Desautels MBA Entrance Award
- Men's Rugby First Team All-Canadian
- Men's Rugby First Team All-Star (RSEQ)

Michelle Pelletier

MSc

- Integration of QcSE program Following networking at Studio V1
- Appointed Sustainability Education Fellow for the development of the CIVE225: Environmental Engineering course, supporting the integration of sustainability principles into teaching materials
- Wrote my first scientific article (to be submitted to Environmental Science & Technology Engineering, September 2025)
- Poster presentation at the AEESP 2025 Conference at Duke University, NC
- Recipient of Graduate Research Enhancement and Travel Award
- Recipient of the FRQNT B2X Doctoral Training Scholarship (100 000\$ over 4 years)
- Recipient of the Gault Research Awards for Summer 2025 (5 000\$)
- Master's Thesis seminar & submission in August 2025



Étienne Gravel

MSc

- Startup of my company "Conception Tectio Dynamique Inc."



Benjamin Turgeon

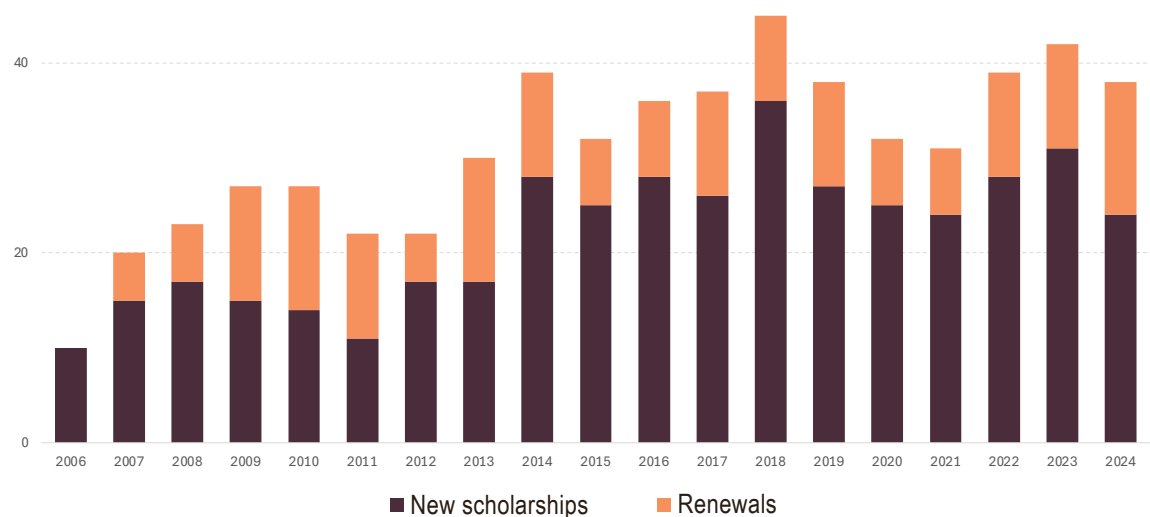
PhD

- Arbour Foundation Ambassador at Université Laval
- Presentation of my research project at the Ministère du transport du Québec's 31st Colloque sur la progression de la recherche québécoise sur les ouvrages d'art
- Fast-track to doctorate
- Passed written and oral doctoral exams with a mark of 94%
- Successful completion of QCES entrepreneurial program

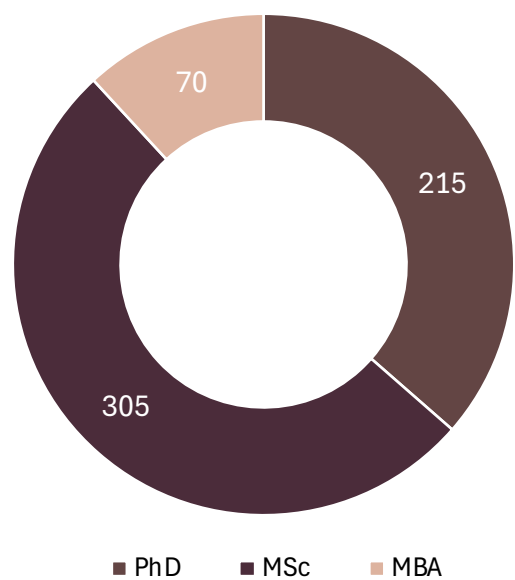


KEY PERFORMANCE INDICATORS

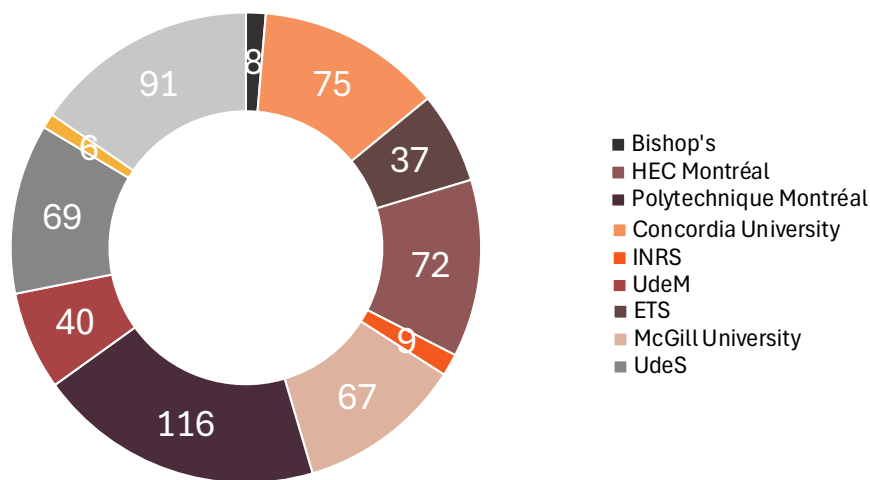
Number of scholarships per year



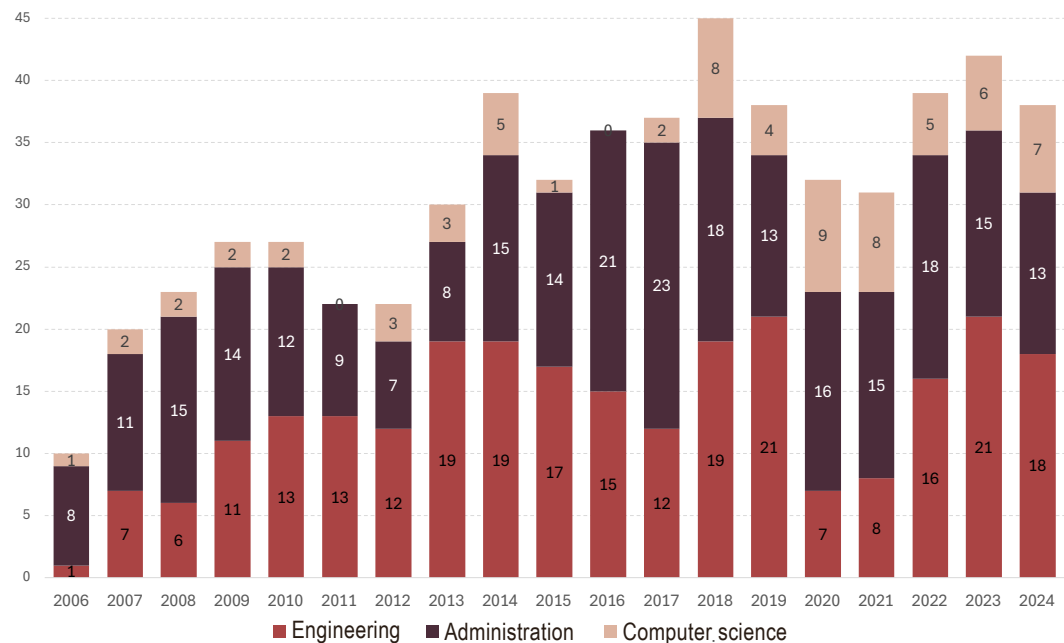
Number of scholarships awarded per degree since the creation of the Foundation



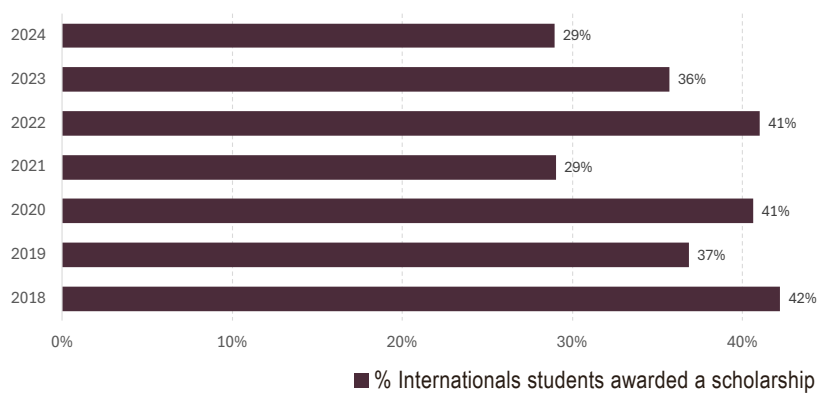
Number of scholarships awarded per university since the creation of the Foundation



Number of scholarships awarded per discipline per year



Social indicators



% of International students
among our scholarship holders
(in total, renewals included)

RECOGNITION WALL - 2024 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 2024 Campaign a success.

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Diane and Paul-André de Champlain

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Marine Hadengue

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Marianne Araj

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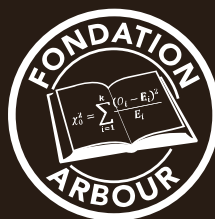
Pierre-Jacques Deblois

Montu Gupta

Félicia Hughes

Émilie Thibault

Thank you for your generosity that allows more students to benefit from the support of the Arbour Foundation!



Fondation Arbour
Sapere aude!

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