



# NEWSLETTER

Volume 5 - Issue 2 November 2021



*Pierre Arbour 1935-2018*

## **About the Arbour Foundation**

Created in 2005

Since 2006  
we have granted more  
than 480 scholarships  
for over 5 million \$

We have granted  
in 2021: \$487,500  
in 2020: \$523,000  
in 2019: \$556,500

## **Management**

Philippe Arbour

*Chairman of the Board*

Marine Hadengue

*Chief Executive Officer*

Joëlle Dorais

*Executive Assistant*

## **Board of Directors**

Philippe Arbour

Michel Brunet

Diane de Champlain

Marine Hadengue

André Laurin

André Monette

## **Editor-in-chief**

Morgane Gabet

## MARK YOUR CALENDAR NOW FOR OUR NEXT IN-PERSON NETWORKING EVENT: DECEMBER 13TH



# NET WOR KING EV ENT



**On December 13th,  
the Arbour Foundation  
invites you to a face-to-face  
networking event from  
5:30 p.m. to 7:30 p.m. with  
its directors and their guests.**

Come and meet personalities who have distinguished themselves in various fields in the Quebec business world as well as your fellow Arbour scholars. A formula that encourages interaction between participants will be put forward while still respecting the rules and guidelines dictated by the COVID situation.

Join us to close the year, and especially to set the table for the upcoming ones, so that together we can move forward on the major issues facing the Quebec society.

Members of the Board of Directors of the Arbour Foundation, their guests and the management team look forward to seeing you at this event, which will be both festive and promising for our future.

Details regarding the location and program of the evening will be sent to you as soon as possible!

See you soon!

\*A proof of double vaccination will be verified on site, upon arrival.

**OBJECTIVE: \$15,000**

## ***LAUNCH OF OUR FIRST ANNUAL FUNDRAISING CAMPAIGN***

### ***“Give back”***

To mark its 15th anniversary, the Arbour Foundation will soon launch its first fundraising campaign among scholars and friends of the Foundation.

This first campaign will make it possible to offer the first “Arbour Community Recognition Scholarship” in 2022 to a student in the fields of engineering, computer science or business administration who, during the selection interviews, won over the jury with his or her overall qualities, but, more particularly, for his or her exceptional social involvement.

Our founder, the late Pierre Arbour, would no doubt be honoured to see that his work continues thanks to all those to whom he has given his financial and moral support over the years. A representative of the donors will be invited each year to present this scholarship at one of the networking activities organized by the Arbour Foundation.

All personal donations collected will be applied towards the Arbour Community Recognition Scholarship.

**We will be contacting you soon, so stay tuned!**





Left to right, Émilie Thibault (Arbour Scholar 2018-19-20), Catherine St-Pierre (Arbour Scholar 2020), and Morgane Gabet, Editor-in-chief and Arbour Scholar 2020.

## Arbourescence - Volume 1

### This summer, two of the Foundation's scholars completed an internship that has been extended

We are proud to introduce a new discussion platform: the Foundation's Arbourescence, a format that features, through an informal exchange, the achievements of our scholars. Future editions will be in an audio format (podcast), so stay tuned!

After a busy summer for two of our scholars, Émilie Thibault [Arbour Scholar 2018-2019-2020] and Catherine St-Pierre [Arbour Scholar 2020], a member of our Board of Directors, Diane de Champlain, chatted with them about their internships which they undertook through the support of the Arbour Foundation.

Émilie's first professional experience has been a very inspiring one. A Ph.D. (chemical engineering) student at Polytechnique Montréal in environmental design, Émilie specializes in data processing.

*"I was recommended, very well recommended in fact, by the Foundation, for an internship at ABB, an international manufacturing company [...] As part of this internship, I worked on continuous improvement projects in the field of finance."*

Émilie was asked to develop dashboards for financial decision making in the Microsoft suite using a software called Power BI. Being unfamiliar with this software and with the financial sector created an interesting challenge for Émilie - a challenge she met with flying colors. Her dashboards were so spectacular that the word spread beyond her department and everyone wanted to use them. And she did this with the added constraints of a pandemic

and of her first professional experience! Not only did she receive a proposal to continue to work part-time at the end of the internship, but she also created a real buzz for the Foundation's interns, with Diane de Champlain being asked to refer other interns "as brilliant as Émilie".

As for Catherine, a graduate of Polytechnique with a BA in Engineering and a Master's student in Energy Efficiency and Renewable Energy at ÉTS, she was hired by Pageau Morel, a building engineering consulting firm, for her internship.

*"During my internship, I was introduced to the LEED (Leadership in Energy and Environmental Design) certification. It is an international rating system that recognizes buildings based on their energy performance, with standards that are stricter than those set by governments. I participated in the engineering calculations, in the writing of reports, in order to allow organizations to get this certification. In the second part of my internship, I did energy simulation to evaluate the energy performance of buildings."*

Thanks to this experience, Catherine was able to develop a real passion for energy simulation, a field that is really underdeveloped but crucial in Quebec, especially in lieu of the challenges of building ventilation during the pandemic: a definite public health issue. Although mastering the software specific to the field was complex, Catherine particularly appreciated the investigative approach that her assignment required, making her feel "like Sherlock Holmes". Not only was Catherine's internship at Pageau Morel a success, but she was also asked to extend her contribution.

*"I am definitely interested in staying with this company as we share very similar values. I also had the chance to be mentored by the president of the local chapter of ASHREA, the American Society of Heating, Refrigerating and Air-Conditioning as she shared her passion and knowledge with me."*

In addition to being two accomplished young professionals, Catherine and Émilie were able, in parallel to their internships, to develop and grow their networks (Émilie with the Polytechnique student association, and the local chapter of ASHREA for Catherine) as well as to pursue their passions (cycling for Émilie, building a computer for Catherine).

Émilie and Catherine also emphasized the impact of the Foundation on their careers, an impact that goes beyond getting an internship: whether it was the financial support through their scholarships, the moral support through the mentoring program, or the knowledge of the business world gained through conferences and networking activities, the Arbour Foundation made and continues to make a real difference in their lives, which they appreciate more than anything. We thank them for sharing their experiences with all of us.

Fondation  
pour la  
langue  
française



## Partnership with the Fondation pour la langue française

The Arbour Foundation is very proud of its partnership with the Fondation pour la langue française. Since September 2021, the Fondation pour la langue française has been offering francization activities to allophone Arbour scholars who have little or no knowledge of French, in order to support their integration and enhance their contribution to the Quebec economy. This year, 5 of our scholars benefit from this opportunity. A one-on-one course and, for some of them, group courses are offered every week.

We would like to thank the Fondation pour la langue française once again for their generosity towards our scholarship recipients! Congratulations to our scholars for their dedication.



## Congratulations to our newly graduated Arbour scholars!



### NEGAR SALIMZADEH

On September 14th, Concordia University awarded the Degree of Doctor of Philosophy to Negar Salimzadeh after she completed her Oral Examination with flying colors. Negar did her doctoral studies in the Department of Building, Civil and Environmental Engineering. Dr. Salimzadeh's thesis was : Optimization of PV Modules Layout on High-rise Building Skins Using a BIM-based Generative Design Approach.



### ROSELINE OLORY-AGOMMA

On November 8, ÉTS awarded the Degree of Doctor of Philosophy to our Arbour scholar, Roseline Olory-Agomma, after she completed her Oral Examination with eloquent comments from the jury. The questions came from all sides. Her resilience and determination were greatly emphasized as well as the speed with which she delivered her thesis: "Automatic method for localization and identification of bone structures in EOS radiography".

Would you like to share your own achievements?  
Our editor is waiting for your email: [info@fondationarbour.ca](mailto:info@fondationarbour.ca)  
We will be happy to share them with the Arbour community.



## The Arbour community sets itself apart



Dania Nehme (Arbour scholar 2021, M.A., Concordia) has been selected for the prestigious 2022 American Marketing Association (AMA) Conference. This is the most internationally respected conference in the marketing field! It is extremely competitive, and the chances of getting in are slim. The conference will be held in Las Vegas from February 18-20, 2022. Dania will present her research on comic book marketing: **The Power Of Transmedia Brand Storytelling Through Comics.**

<https://www.ama.org/events/general/2022-ama-winter-academic-conference/>

## Scholars 2021-22



### BISHOP'S UNIVERSITY

**Anthony Sanogo**

*MSc (Course-based)*



### ÉCOLE DE TECHNOLOGIE SUPÉRIEURE

**Ahmed Moubtahij**

*MSc (Automatic summary generation)*

**Antoine Bregaint**

*MSc (Comparison renewable energies integration in various electricity combinations)*

### HEC MONTRÉAL

### HEC MONTRÉAL

**Élisabeth Viau**

*MSc (Supervised project for Boursify in database management and data exploitation)*

**Raphaëlle Bilodeau**

*MBA*

**Rami Yamin**

*MBA*

**Jad Adam Taher**

*MSc (Virtual Worlds and Cybermalaise: Designing an enjoyable user experience)*



## POLYTECHNIQUE MONTRÉAL

**Laura Ahunon**

*PhD (Development of a biomaterial for the treatment of chronic diabetic foot ulcers)*

**Samuel Mugisho Muhindo**

*PhD (Storage and restitution of solar energy by electric vehicles)*

**Majed Ghattas**

*PhD (Vaccines, ARNm, nanoparticles, Chitosan)*

**Amandine Gesta**

*MSc (Multi-criteria design of a pediatric I-DDL ankle exoskeleton for gait rehabilitation for children with cerebral palsy)*

**Charles-Olivier Poirier**

*MSc (Characterization of the performance of PEEK (poly-ether-ether-ketone) fasteners for space and lunar applications)*

**Pierre Kateb**

*MSc (Conductive polymers and their applications)*



## UNIVERSITÉ DE MONTRÉAL

**Pierre-André Brousseau**

*PhD (Permutation approach to the unsupervised stereoscopic matching problem)*

**Outcha Labanté Daré**

*PhD (Comparative case study of a systemic strategy to improve health care - France - Canada - England)*

**Geneviève Cyr**

*PhD (User partners, co-creators of health innovation in a living laboratory context)*

**MohammadAmin Zaheri**

*PhD (Managing n-way heterogeneous inconsistency in low-code data-centric platforms)*

**Étienne Boucher**

*MSc (Automatic learning)*

**Pierre-Jacques Deblois**

*MSc (Value-based health services)*



## CONCORDIA UNIVERSITY

**Dania Nehme**

*MSc (Marketing of comic books)*

**Fae Sarayloo**

*MBA*

**Pedram Fekri**

*PhD (Developing an autonomous surgical robotic platform using deep learning and AI methods in cardiovascular catheterization)*

**Mohammadreza Fasihanifard**

*PhD (Design, fabricate and optimize a novel and low-cost tunnable integrated photonics platform for the physical layer of the next-generation communications networks)*



## UNIVERSITÉ DE SHERBROOKE

**Nathan Painchaud**

*PhD (Deep variety learning for improved characterization of hypertension in echocardiographic imaging)*

**Jean-Marie Kabamba Tshimula**

*PhD (Studying behavioral deterioration using deep learning computations)*

**Mathieu Lussier**

*MSc (Machine learning tools for portfolio management)*



## UNIVERSITÉ DU QUÉBEC À MONTRÉAL

**Yetioman Touré**

*PhD (Social and collective enterprises)*

**Sébastien Burdalski**

*PhD (Possibility of a management with an emancipating aim by mobilizing the distinction between power and power)*

**Karine St-Laurent**

*MSc (To be determined)*

**Alex Bouchard-Tremblay**

*MSc (Corporate Governance)*



## UNIVERSITÉ MCGILL

**Pranay Jindal**

*MBA*



