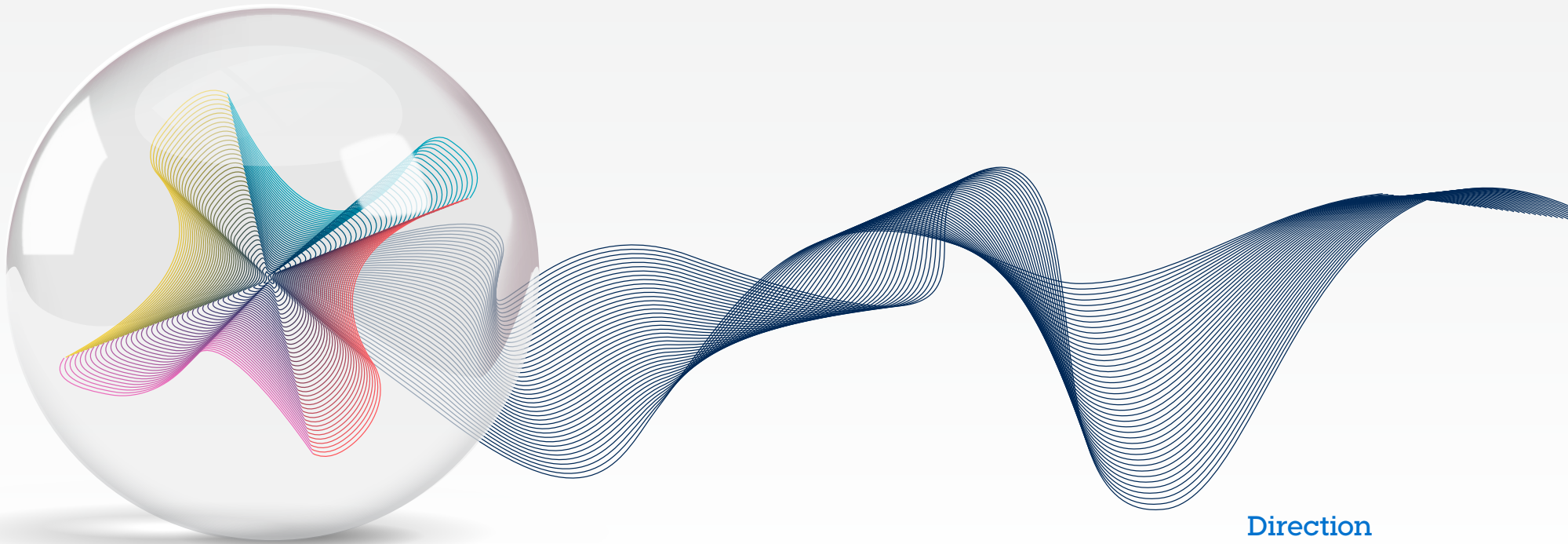


2023-2024

# Research and Knowledge Transfer Activity Report



[hec.ca/en/research](https://hec.ca/en/research)

Direction  
de la recherche  
et du transfert  
**HEC MONTRÉAL**



# Message from the Director



**Dear members of the HEC Montréal community,**

I am thrilled to present our annual Activity Report, which highlights the outstanding achievements of our faculty and their research teams over the past year.

As in years past, the research projects and transfer activities carried out at HEC Montréal this year have been of remarkably high quality and relevance. Our teams have taken on contemporary and strategic issues with rigour and creativity, further strengthening our leadership in management research. Our collective ability to carry out top-level research, while responding to our society's challenges and the business world, is a testament to the vitality and commitment that drive our community.

I would also like to highlight some impressive funding results. Thanks to the determination of our research teams and the support of our collaborators, we have secured new partnership agreements and submitted a greater number of grant applications to funding agencies than ever before, while maintaining a success rate above provincial and federal averages, thereby guaranteeing continued support for our ambitious projects.

In terms of publications, our researchers have continued to raise HEC Montréal's profile through their articles published in internationally renowned journals, helping to strengthen our impact and visibility in the global academic community.

In this report, you will learn about the many successes that marked the 2023-2024 research year, and that testify to the excellence of our research. We are proud of the progress we have made, and are determined to continue this trajectory, forever driven by our ambition to actively contribute to the advancement of knowledge and innovation in the field of business management.

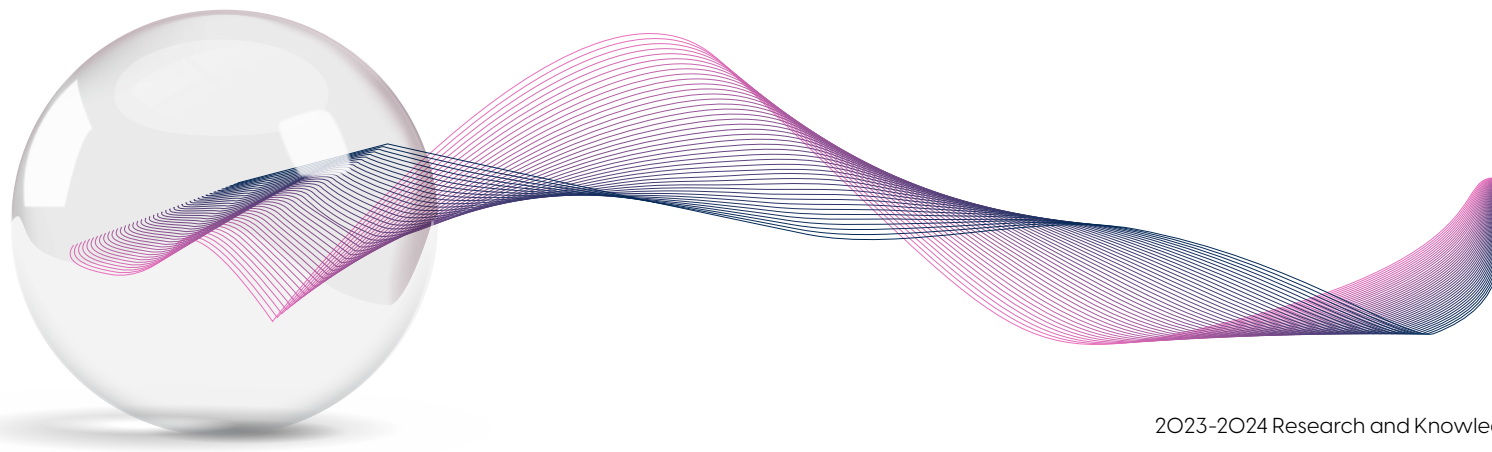
Thank you for your valuable contribution to this shared adventure. Together, we will continue to turn today's challenges into tomorrow's opportunities.

Happy reading!

**Caroline Aubé, PhD**

Full Professor

Director of Research and Knowledge Transfer





# Research Council



**Caroline Aubé**  
Director  
Research and  
Knowledge Transfer



**Guy Paré**  
PhD Program Director



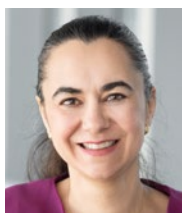
**Sihem Taboubi**  
MSc Program Director



**Eric Lefrançois**  
Director of operations  
Research and Knowledge  
Transfer



**Yves Bozec**  
Department of Accounting



**Urwana Coiquaud**  
Department of Human  
Resources Management



**Jean-François Cordeau**  
Department of Logistics and  
Operations Management



**Georges Dionne**  
Department of Finance



**David Doloreux**  
Department of  
International Business



**Isabelle Le Breton-Miller**  
Department of  
Management



**Bruno Lussier**  
Department of Marketing



**Carolina Osorio**  
Department of  
Decision Sciences



**Stefan Tams**  
Department of  
Information Technologies



**Mai Thai**  
Department of  
Entrepreneurship  
and Innovation



**Nora Traum**  
Department of  
Applied Economics



# Research and Knowledge Transfer Team



## Top row:

### **Suzanne Lapierre**

Officer - Financial Management

### **William Saint Fleur**

Officer - Research Information Administration and Processing

### **Mathieu Aubin**

Advisor - Research Grants and Ethics

### **Paméla Trudeau-Fisette**

Advisor - Research Grants and Ethics

### **Darquise Lafrenière**

Advisor - Research Grants and Ethics

### **Azucena Osuna Miramontes**

Administrative Officer - Finance

### **Caroline Aubé**

Director of Research and Knowledge Transfer

## Bottom row:

### **Sandra Etienne**

Agent - Information Processing and Coordination

### **Thomas Gulian**

Advisor - Research and Knowledge Transfer

### **Lucie St Jacques**

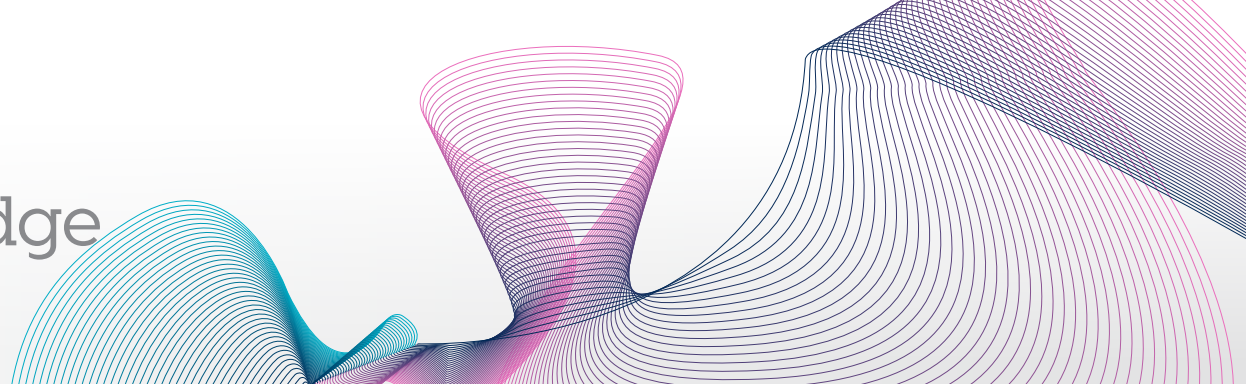
Analyst - Process Management

### **Eric Lefrançois**

Director of Operations



# Research and Knowledge Transfer Figures



**\$46.2M**

In research and  
transfer funding

**\$40.6M**

In research  
funding

**\$5.6M**

In transfer  
activity funding

**36**

Research chairs  
including 8 Canada  
Research Chairs

**26**

Research groups  
and transfer hubs

**18**

Groups  
and partners



# News

## Four new research professorships



**Claudia Rebolledo**  
Supply Chain Canada Professorship



**Mouna Hazgui**  
Research Professorship in Development  
of Accounting Expertise



**Gregory Vial**  
Research Professorship in Ecosystems  
and Practices of Systems Development



**Bruno Lussier**  
Research Professorship in Team Efficiency



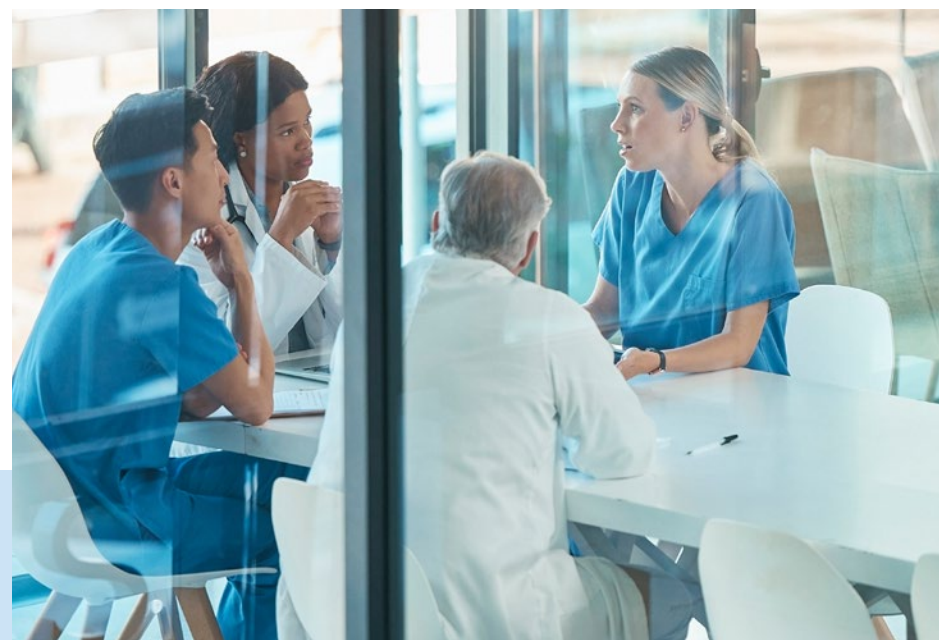
## News (cont.)

### Centre d'expertise en gestion de l'innovation en santé orientée sur la valeur

HEC Montréal, the Centre hospitalier de l'Université de Montréal (CHUM), and the Conseil de l'innovation du Québec joined forces to create the [Centre d'expertise en gestion de l'innovation en santé orientée sur la valeur](#) (centre of expertise in value-driven health-care innovation management). With financial support from the Bureau de l'innovation du Ministère de la Santé et des Services sociaux du Québec, the Centre facilitates the sharing of knowledge, skills, collaborative leadership abilities, and best practices related to value-centered innovation management in tandem with all stakeholders in the healthcare ecosystem to enhance system viability and promote sustainable health.

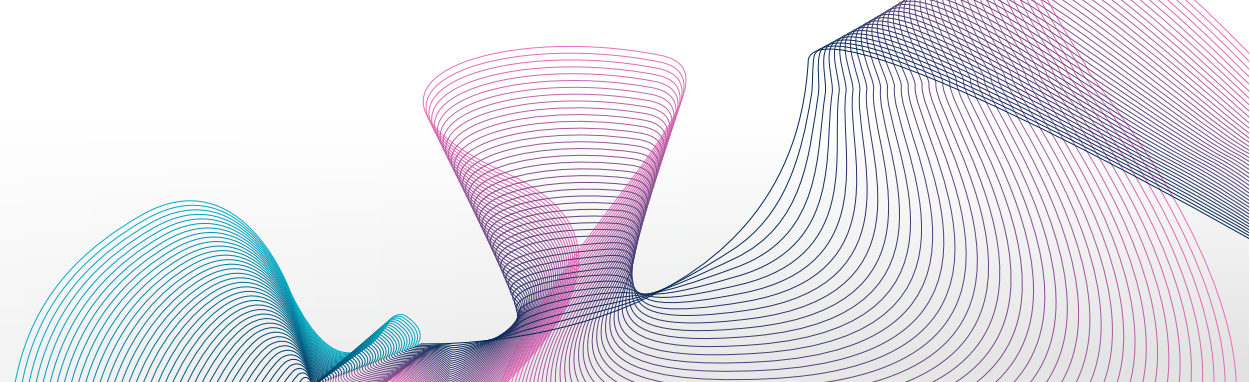
The Centre focuses on collaborative action research, knowledge transfer, and training for health and social services network stakeholders, and on establishing living laboratories to test concepts, practices, and strategies. The Centre also offers innovation Master Classes and an Innovation Ambassadors program.

Several of the School's teams are already contributing to the Centre's growth, in particular the Health Care Management Hub, MOSAIC, and the Research Chair in Digital Health.





## News (cont.)



### Research Chair in the Demolinguistic Situation and Language Policies of Quebec

The Quebec government awarded a 1.8 million dollar grant to create the **Research Chair in the Demolinguistic Situation and Language Policies of Quebec**. The two chairholders selected are **Sébastien Arcand**, Full Professor of the Department of Management at HEC Montréal and **Richard Marcoux**, Professor of Sociology at Université Laval.

This Chair focuses on gaining insight into immigration issues and their influence on demolinguistic dynamics in Quebec and on guiding public policy. The Chair will achieve this by focusing on **4 different thematic areas**, and examining each one through three concepts (spaces-groups-practices/valorization):

- Educational contexts, young people, and their relationship with the French language over time
- Languages and workplaces
- Private spaces, public spaces, and linguistic trajectories
- Regionalization, francization, and language issues



**Sébastien Arcand**  
Joint holder of the Chair

The two professors are developing a research program for the Chair's first mandate, from 2024 to 2029, by heading a team of a dozen researchers and 15 collaborators from various universities and disciplines. Some of the activities the Chair intends to carry out include the following:

- Creating a “demolinguistic data ecosystem” by identifying the various sources of existing quantitative and qualitative data on languages in Quebec and promoting access to this information
- Enhancing expertise in terms of data processing, analysis, and interpretation in academia and among public policy makers
- Proposing an analytical framework with strategies for interpreting statistics and language surveys in Quebec from a historical and international perspective
- Planning different activities such as continuing education, university education, scholarship programs, scientific activities, etc.

A rich and promising  
mandate for 2024-2029

Chaire de recherche du Québec  
sur la situation démographique  
et les politiques linguistiques





# Some major achievements

## HEC Montréal at the heart of IVADO's R<sup>3</sup>AI research program

Several HEC Montréal faculty members will take on a leadership role in the R<sup>3</sup>AI project.



IVADO appointed **Aurélie Labbe**, Full Professor in the Department of Decision Sciences at HEC Montréal, Scientific Co-Director—Academic Partnerships.

Also, five HEC Montréal faculty members have been co-directing the strategic research clusters deployed by IVADO as part of the R<sup>3</sup>AI project. To ensure major advances in our knowledge of artificial intelligence (AI) and its applications, these faculty members stayed in close contact with top researchers from various disciplines.



**Yossiri Adulyasak**  
**Supply Chains**

Associate Professor, Department of Logistics and Operations Management; holder of the Canada Research Chair in Supply Chain Analytics



**Jean-François Cordeau**  
**Supply Chains**

Full Professor, Department of Logistics and Operations Management; holder of the Chair in Logistics and Transportation



**Erick Delage**  
**Supply Chains**

Full Professor, Department of Decision Sciences; holder of the Canada Research Chair in Decision Making under Uncertainty



**Pierre-Majorique Léger**  
**Implementation and Responsible Governance of AI**

Full Professor, Department of Information Technologies; Director, ERPsim Lab; Co-director, Tech3Lab; holder of the Chair in User Experience



**Joé T. Martineau**  
**Ethics, EDI (equity, diversity, and inclusion), and Indigenous Engagement**

Associate Professor, Department of Management



## The three components of R<sup>3</sup>AI

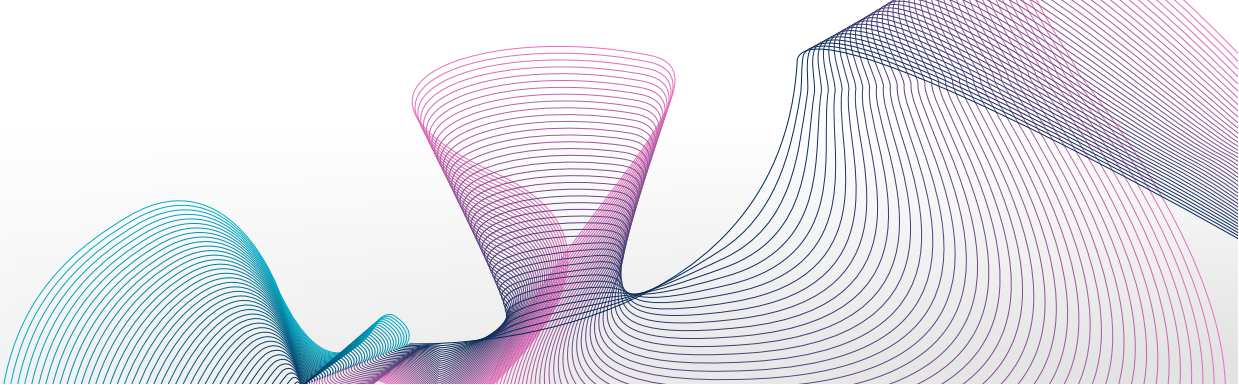
The R<sup>3</sup>AI project, funded and supported by the Canada First Research Excellence Fund, aims to develop artificial intelligence that exhibit three essential characteristics in the future of AI:

R<sup>3</sup>AI stands for:

- **Robustness** – to be able to rely on sound models and applications
- **Reasoning** – to develop AI that is explainable, causal, and modular
- **Responsible** – to ensure that AI is ethical and inclusive



# Some major achievements (cont.)



## Pôle entRepreneuriat HEC MONTRÉAL

### La sphère HEC MONTRÉAL

Applied research centre for cross-sectoral collaboration and innovation in the Quebec entrepreneurial community, which provides data and analysis to support the Hub's program development.

2024 Quebec entrepreneurial index
21,000 Respondants
45 Partner organizations

### La certif' HEC MONTRÉAL

Professional certification for organizations supporting Quebec's entrepreneurial community.

108	Level 1 and 2 participants
44	Organizations
+40	Actors and stakeholders

### Familles en affaires HEC MONTRÉAL

A centre that supports and trains business families in the planning, succession, and governance of family businesses.

10,583	People informed and trained
26	People attended the <i>Circuit - sur la voie de la relève</i>
11	People attended <i>Puissanceif</i> and bootcamp
7	Dyades participated in the <i>Batir ensemble</i> program

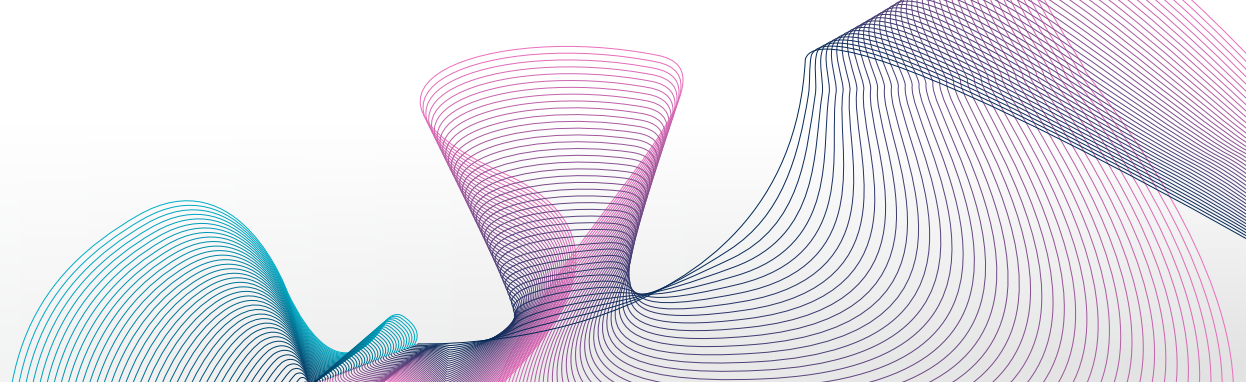
### la base entrepreneuriale HEC MONTRÉAL

Hub for university innovation, driving the next generation of technology and impact entrepreneurship.

\$1M	Donation from the Lise and Guiseppe Racanelli Foundation for the entrepreneurial curriculum
3,800	Event registrations
302	Support activities
62	Experts and mentors involved
40%	More entrepreneurs than last year received support



## Some major achievements (cont.)



### \$3.3M invested in training and development for sports managers

The Minister responsible for Sport, Recreation, and Outdoors, Isabelle Charest,, announced a \$3.3M investment in the professionalization of sports in Quebec to better equip managers in the sports and recreation community. Several thousands of managers and administrators of sports and recreation organizations will be able to receive free training and tools on topics such as governance, organization ethics, and leadership. These initiatives are led by three partners, **HEC Montréal Sports Management Hub**, Collège des administrateurs de sociétés de l'Université Laval, and the Institut sur la gouvernance d'organisations privées et publiques (IGOPP).

The tools and training meet a need that has been clearly identified within the Quebec sporting ecosystem. According to a study conducted by the **HEC Montréal Sports Management Hub** (in French), most Quebec sports organizations face major challenges in professionalization, and managers from these same organizations have also recognized that they lack some of the resources and tools needed to meet these challenges.

**Pôlesports**  
HEC MONTRÉAL

### The Institut international des coopératives Alphonse-et-Dorimène-Desjardins (IICADD) keeps innovating

The **IICADD** renewed its partnership with the Desjardins Group, which granted it an additional \$1.25M in financial support from 2023-2028. The IICADD pursues its mission by supporting the cooperative movement through four areas of activity: research, transfer activities, the student community, and the PortailCoop.

PortailCoop, the world's largest digital library dedicated to cooperatives and mutual societies, has listed 77,200 digital entries to date. In 2023, a new collection under the theme "Climate Action Collective" was launched to support a community of practice organized by the Conseil québécois de la coopération et de la mutualité (CQCM). The collection is supported by a governance committee made up of researchers, cooperators, and IICADD members, and already includes nearly 400 content entries.

 **IICADD**  
Institut international des coopératives  
Alphonse-et-Dorimène-Desjardins  
**HEC MONTRÉAL**



## Some major achievements (cont.)

### Exceptional donations of over \$4M for the Jacques-Parizeau Research Chair in Economic Policy

Fourteen of Quebec's economic and financial leaders joined forces to offer extraordinary support to the HEC Montréal [Jacques-Parizeau Research Chair in Economic Policy](#).

With support from the following partners, the Chair, created in January 2023 and held by Pierre-Carl Michaud, Full Professor in the Department of Applied Economics, will be able to fulfill its mission to thoroughly analyze some of the major economic challenges facing Quebec: ministère des Finances du Québec, Caisse de dépôt et placement du Québec (CDPQ), CGI, Québecor, Desjardins Group, National Bank, Arroux-Devtek, Fonds de solidarité FTQ, Beneva, TD Bank group, BMO Financial Group, Énergir, CIBC, and the RBC Foundation.



Jacques-Parizeau  
Research **Chair**  
in Economic Policy  
**HEC MONTRÉAL**

### \$1M donation to support the iA Financial Group Chair in Sustainable Finance

HEC Montréal and its Foundation announced a major partnership with iA Financial Group, marking a significant milestone in the development of sustainable finance research at HEC Montréal. The \$1 million donation will support, over a 10-year period, the research activities of the Chair in Sustainable Finance, which will henceforth be known as the [iA Financial Group Chair in Sustainable Finance](#). The Chair is held by Iwan Meier, Full Professor in the Department of Finance at HEC Montréal.

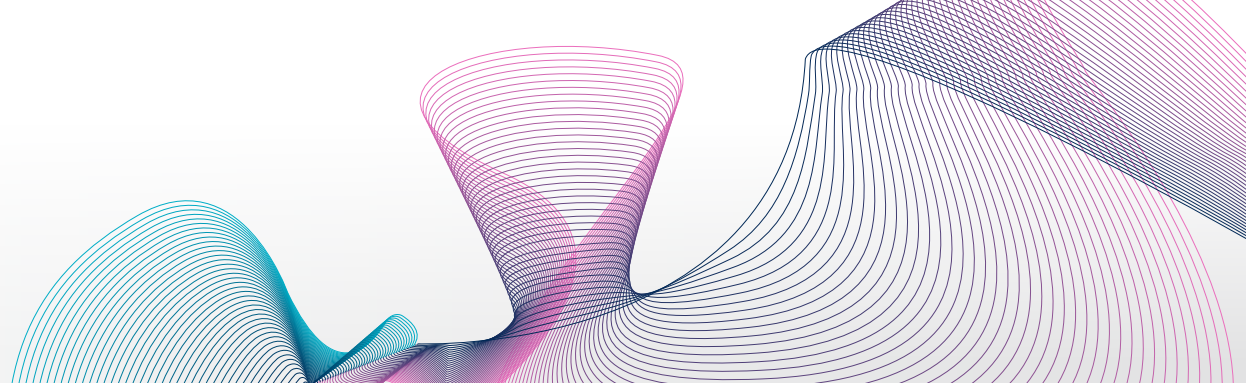
This financial support will bolster two areas of research: the effect of taking into account environmental, social, and governance (ESG) issues on investment performance, and the effect of these same criteria on investor decision making. It will also contribute to the training of doctoral and master's students, who will, in turn, contribute to advancing new knowledge in this fast-growing field of research.



**Chair**  
in Sustainable Finance  
**HEC MONTRÉAL**

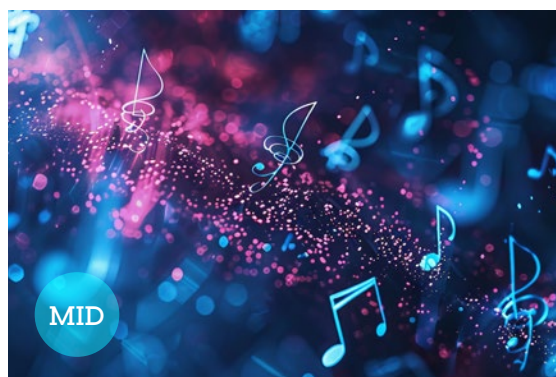


# Some major achievements (cont.)



## Music Intelligence Database (MID)

The Music Intelligence Database (MID) was created by Danilo C. Dantas, Professor in HEC Montréal's Marketing Department, with two grants of over \$100,000 each from the Canada Foundation for Innovation and the Quebec government. The MID is the world's first dedicated music industry research database that will bring together information from a variety of sources, such as streaming platforms (Spotify, Deezer, etc.), social networks (Instagram, Facebook, TikTok, etc.), and digital lyric repertoires. Combining data from a variety of sources to study issues relating to marketing in the arts and music industries, such as the effectiveness of certain strategies used by artists, the impact of contextual factors on music consumption, and the factors of success (and failure) for music artists. Considering that, beyond its cultural significance, the music industry is also a major commercial activity, it is surprising that very little research has been conducted in this field by academic researchers in management and marketing. This innovative database will give researchers access to the music industry and make it possible to produce reports on various industry players.



**Danilo C. Dantas**  
Full Professor  
Department  
of Marketing

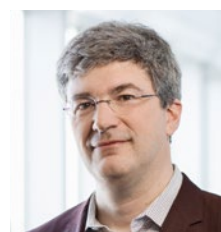
## A new spin-off company: Delta Vega Financière Inc.

Founded by professors Christian Dorion, Pascal François, Tolga Cenesizoglu and Mathieu Fournier, with support from HEC Montréal and the Canadian Derivatives Institute (CDI), Delta Vega Financière Inc. is a technology development company in the finance sector specializing in risk assessment of structured products.

Structured products are complex financial instruments that can offer investors reduced risk in connection with market cycles. Delta Vega Financière Inc. provides a Structured Product Risk Score (SPRS) to issuers of structured products, meeting the need for a rigorous, externally validated measure of structured product risk. The SPRS was meticulously developed on the basis of recent cutting-edge research on modeling the nonlinearities of payment structures in derivatives markets. SPRS ensures that ratings are independent, accurate, comparable across products, and frequently updated to reflect changes in market conditions over time. Given its advantages, SPRS has the potential to become the industry standard.



**Christian Dorion**  
Associate Professor  
Department  
of Finance



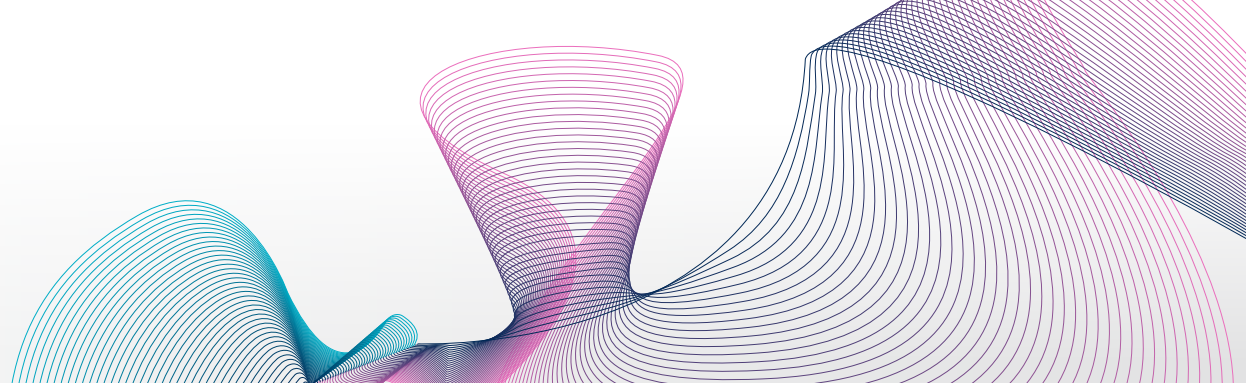
**Pascal François**  
Full Professor  
Department  
of Finance



**Tolga Cenesizoglu**  
Full Professor  
Department  
of Finance



## Some major achievements (cont.)



### The ERPsim Lab celebrates its 20th anniversary - An ongoing story of collaborative success in value enhancement

To celebrate the 20th anniversary of the [ERPsim Lab](#), the Lab teamed up with SAP to hold the annual academic conference of the North American community of academic members for the first time ever at HEC Montréal. The event drew more than 130 people, including over 100 professors from various countries.

ERPsim is a simulation software program designed to help users learn to use integrated management software. It was invented in 2004 by three HEC Montréal professors: Pierre-Majorique Léger, Gilbert Babin, and Jacques Robert. Today, ERPsim is used in over 300 universities and has more than 50,000 users each year.

In addition to being a widely recognized teaching tool, the ERPsim platform is used in research as an experimental stimulus. Many faculty members use it in their work to simulate human-machine interactions with strong ecological validity, which is particularly valuable in experimental contexts to study the real-life use of information systems.

In honour of the anniversary, Lab researchers teamed up with SAP to launch a new game called [Business Builders](#), a platform for learning to use data visualization, in particular with SAP Analytics Cloud. The entire game experience was fully developed at HEC Montréal. The platform currently offers three game scenarios with the themes of environmental and social impacts, logistics, and international expansion. Since the platform's launch, more than 375 teachers have signed up and more than 100 rounds have been played with over 2,000 students.

Lastly, to highlight ERPsim's journey of innovation and value enhancement, Pierre-Majorique Léger published a book entitled "Engaging Minds, Integrating Systems: The Story of ERPsim," which tells the story of this innovative software.

In partnership with SAP, the ERPsim Laboratory organizes an international competition with nearly 500 student participants hailing from more than 100 universities, thus contributing to HEC Montréal's influence in the field of information technology.

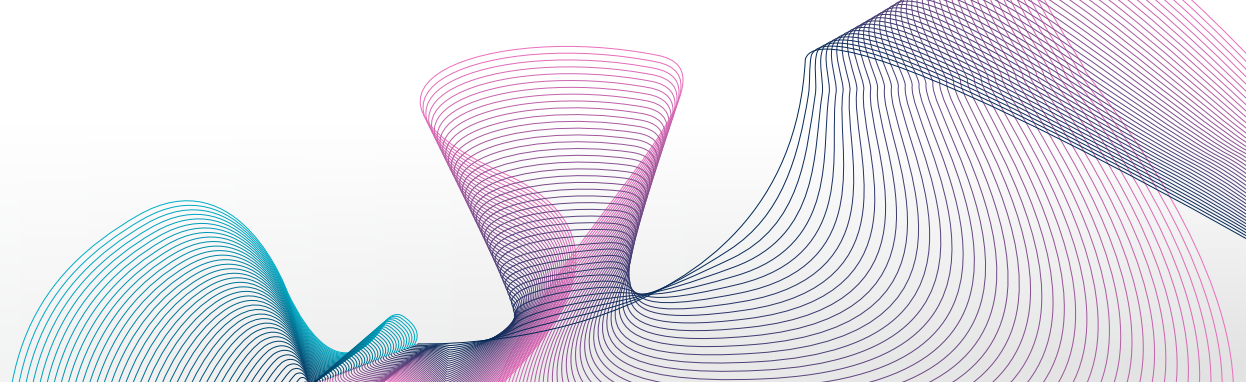


ERPsim is currently used in more than 300 universities and has more than 50,000 users each year.

**ERPsimLab** | **20<sup>E</sup>**  
HEC MONTRÉAL | ANNIVERSAIRE



# Equity, diversity, and inclusion in research



## Examples of research and transfer initiatives that promote equity, diversity, and inclusion



The HEC Montréal Sports Management Hub continued working to promote women's inclusion in sports organizations by creating three themed spaces—Espace Leadership féminin (women in leadership), Espace DG (general managers), and Espace Coaching sportif (sports coaching)—and the development of learning pathways for up-and-coming women leaders and general managers in sports and recreation.

Through a collaboration between the Group for Research and Decision Analysis (GERAD), the Interuniversity Research Centre on Enterprise Networks, Logistics, and Transportation (CIRRELT), the Québec Circular Economy Research Network (RRECQ), and the Quebec Water Management Research Centre (CentrEau), a report written by research assistant Clara Alagy was released, synthesizing knowledge on good teamwork practices in the research environment. This report identified various actions and measures to encourage collaboration in contexts where disciplines, methodological approaches, and academic backgrounds are diverse.



Tech3Lab partnered with Desjardins and the Lettres en main literacy foundation on a project to make digital finance services more accessible to people with functional illiteracy. Through this project, Tech3Lab gained a better understanding of the realities of this clientele and found some potential solutions to simplify their online experience without adversely affecting that of other users.

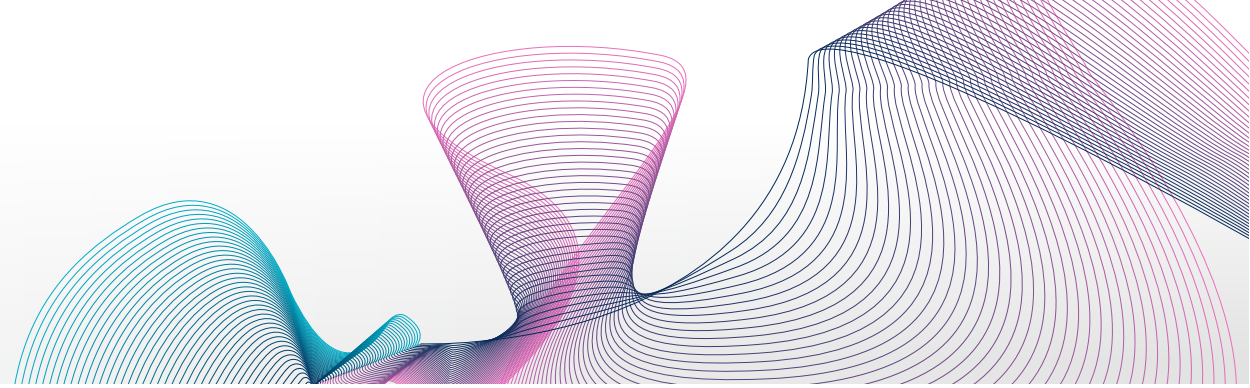
The proportion of women interns who have received Mitacs funding is particularly high at HEC Montréal. Female students carried out 45% of internships, putting HEC Montréal well above the national average of 27% for Canadian universities.





# Research awards at HEC Montréal

2024 Laureates



## Pierre Laurin Award for Research Excellence

For an exemplary scientific career and his contribution to the School's standing.



**Sylain Sénécal**  
Full Professor

Department of Marketing

## Associate Professors Research Award

For excellence in scientific and/or professional publications by an Associate Professor over the past three years.



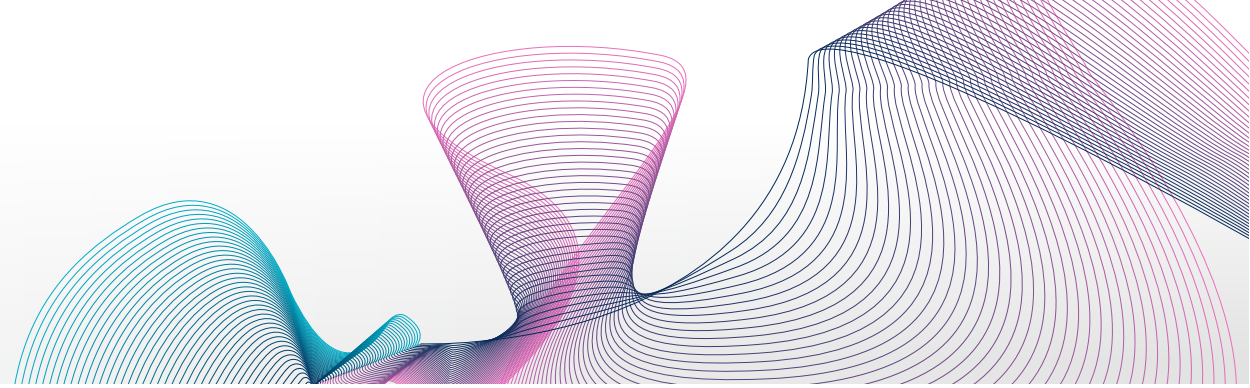
**Jorge Mendoza**  
Associate Professor

Department of Logistics and Operations Management



# Research awards at HEC Montréal (cont.)

2024 Laureates



## New Researcher Award

This award recognizes the excellence of scientific and professional publications by an assistant professor or tenure-track guest professor over the past three years.



**Xavier Parent-Rochelleau**  
Assistant Professor

Department of Human Resources Management

## Research Impact Award

For exceptional achievements of a research project by a faculty member or researcher in the past 3 years.



Research project: Study of the management crisis of personal protective equipment in the Québec Health and Social Services network during the COVID-19 pandemic.

**Sylvain Landry**  
Full Professor

**Jacques Roy**  
Full Professor

Department of Logistics and Operations Management

**Claudia Rebolledo**  
Full Professor

**Martin Cousineau**  
Assistant Professor

**Valérie Bélanger**  
Associate Professor

**Martin Beaulieu**  
Associate Researcher



# Active RSC members



**Henri  
Barki**



**Michèle  
Breton**



**Patrick  
Cohendet**



**François  
Colbert**



**Alain  
d'Astous**



**Érick  
Delage**



**Jacques  
Desrosiers**



**Georges  
Dionne\***



**David  
Doloreux**



**Taïeb  
Hafsi**



**Pierre  
Hansen**



**Ann  
Langley**



**Gilbert  
Laporte\***



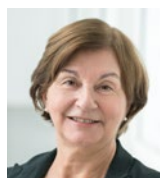
**Isabelle  
Le Breton-Miller**



**Pierre-Carl  
Michaud**



**Guy  
Paré**



**Suzanne  
Rivard**



**Linda  
Rouleau**



**Sylvain  
Sénécal**



**Jean-Marie  
Toulouse**



**Christian  
Vandenberghe**

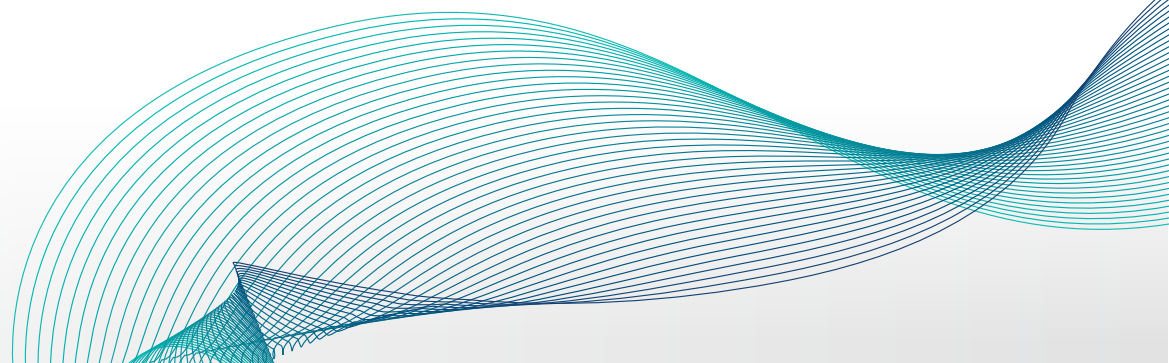


**Georges  
Zaccour**

\* Gilbert Laporte and Georges Dionne received, in 2007 and 2011 respectively, the Innis-Gérin Medal for their outstanding and sustained contribution to the social sciences.



# Publications and editorial activities

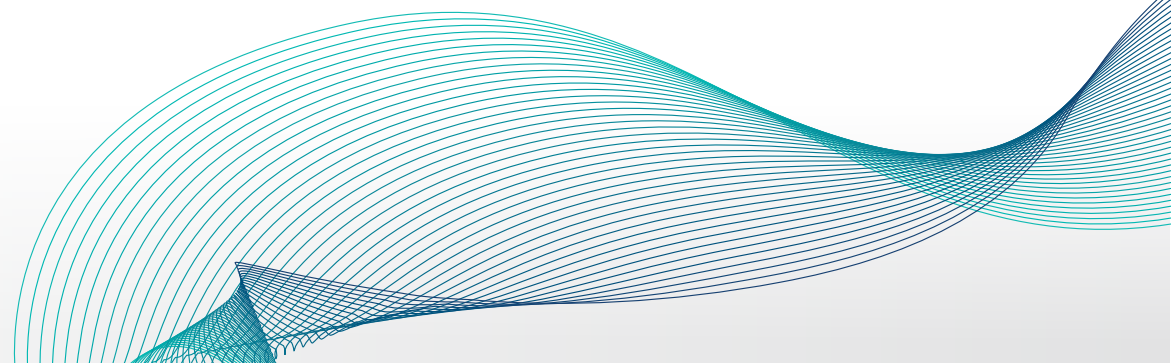


	2019 – 2020	2020 – 2021	2021 – 2022	2022 – 2023	2023 – 2024
Peer-reviewed scientific articles	252	272	294	277	<b>259</b>
Articles in FT and UTD* journal lists	26	30	26	35	<b>33</b>
Number of editorial activities	142	185	199	207	<b>199</b>
Books	16	13	15	21	<b>14</b>
Book chapters	53	86	78	105	<b>87</b>

\*FT: Financial Times; UTD: University of Texas at Dallas



# Scientific article ratings



	2019 – 2020	2020 – 2021	2021 – 2022	2022 – 2023	2023 – 2024
A+	26	30	26	35	<b>33</b>
A	53	54	52	40	<b>31</b>
B+	46	63	55	67	<b>68</b>
B	87	73	117	85	<b>73</b>
C	40	52	44	50	<b>54</b>
<b>TOTAL</b>	<b>252</b>	<b>272</b>	<b>294</b>	<b>277</b>	<b>259</b>

**A+:** Articles mentioned on FT and UTD\* lists

**A:** Articles published in journals ranked in the top 12% according to the Journal Citation Reports (JCR) influence criterion.

**B+:** Articles published in journals ranked under the top 12% and above or equal to the top 30% according to the Journal Citation Reports (JCR) influence criterion.

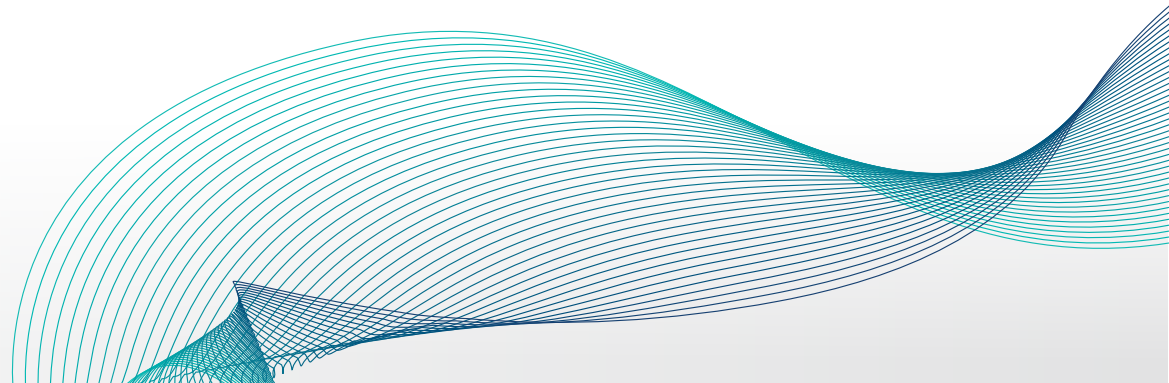
**B:** Articles published in journals ranked under the top 30% according to the Journal Citation Reports (JCR) influence criterion.

**C:** Articles published in peer-reviewed journals not included in the relevant JCR directories

Only the three following JCR indexes are considered: Science Citation Index Expanded (SCIE), Social Sciences Citation Index (SSCI), and Arts & Humanities Citation Index (AHCI)



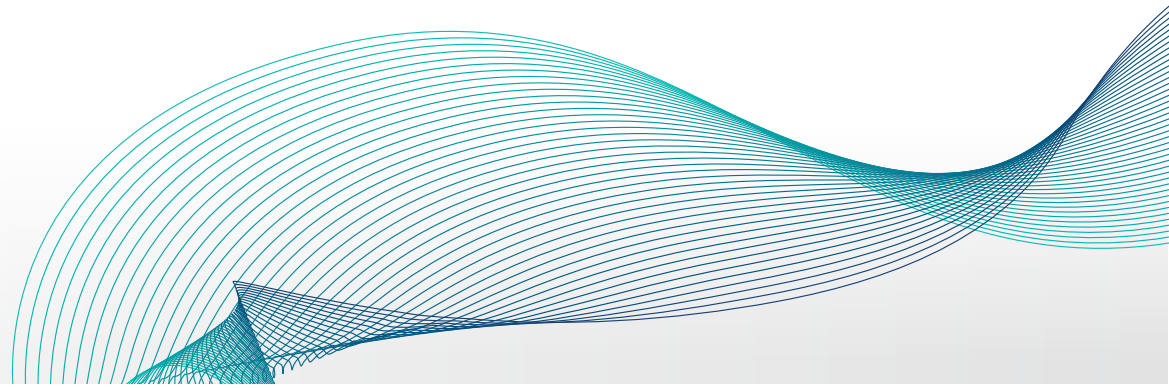
# A+ articles mentioned on FT and UTD review lists



Faculty members	Bibliographical references
Adulyasak, Yossiri	Khern-Am-Nuai, Warut; So, Hyunji; Cohen, Maxime; Adulyasak, Yossiri (2024). Selecting cover images for restaurant reviews: AI vs. wisdom of the crowd, <i>Manufacturing &amp; Service Operations Management</i> , Vol. 26, no 1, p. 330-349
Ardia, David	Ardia, David; Barras, Laurent; Gagliardini, Patrick; Scaillet, Olivier (2024). Is it alpha or beta? Decomposing hedge fund returns when models are misspecified, <i>Journal of Financial Economics</i> , Vol. 154, p. 1-21
Ardia, David	Ardia, David; Bluteau, Keven; Boudt, Kris; Inghelbrecht, Koen (2023). Climate change concerns and the performance of green vs. brown stocks, <i>Management Science</i> , Vol. 69, no 12, p. 7607-7632
Barin Cruz, Luciano	Slade Shantz, Angelique; Zietsma Sculich, Charlène; Kistruck, Geoffrey; Barin Cruz, Luciano (2024). Exploring the relative efficacy of 'within-logic contrasting' and 'cross-logic analogizing' framing tactics for adopting new entrepreneurial practices in contexts of poverty, <i>Journal of Business Venturing</i> , Vol. 39, no 1, p. 1-23
Barin Cruz, Luciano	Esper, Susana; Barin Cruz, Luciano; Gond, Jean-Pascal (2024). Engaging stakeholders during intergovernmental conflict: How political attributions shape stakeholder engagement, <i>Journal of Business Ethics</i> , Vol. 191, no 1, p. 1-27
Cordeau, Jean-François	Baldacci, Roberto; Coniglio, Stefano; Cordeau, Jean-François; Furini, Fabio (2024). A numerically-exact algorithm for the bin packing problem, <i>INFORMS Journal on Computing</i> , Vol. 36, no 1, p. 141-162
Couture, Fannie	Couture, Fannie; Jarzabkowski, Paula; Lê, Jane (2023). Triggers, traps, and disconnect: How governance obstacles hinder progress on grand challenges, <i>Academy of Management Journal</i> , Vol. 66, no 6, p. 1651-1680
Cziffra, Johnathon and Singer, Zvi	Cziffra, Johnathon; Fortin, Steve; Singer, Zvi (2023). Differences in government accounting conservatism across jurisdictions, their determinants, and consequences: The case of Canada and the United States, <i>Review of Accounting Studies</i> , Vol. 28, no 2, p. 1035-1073
Daryalal, Maryam	Daryalal, Maryam; Bodur, Merve; Luedtke, James (2024). Lagrangian dual decision rules for multistage stochastic mixed-integer programming, <i>Operations Research</i> , Vol. 72, no 2, p. 717-737
d'Astous, Philippe	D'Astous, Philippe; Shore, Stephen H. (2024). Human capital risk and portfolio choices: Evidence from university admission discontinuities, <i>Journal of Financial Economics</i> , Vol. 154, p. 1-36
Delage, Erick	Li, Hongming; Delage, Erick; Zhu, Ning; Pinedo, Michael; Ma, Shoufeng (2024). Distributional robustness and inequity mitigation in disaster preparedness of humanitarian operations, <i>Manufacturing &amp; Service Operations Management</i> , Vol. 26, no 1, p. 197-214
Delage, Erick	Peng, Chun; Delage, Erick (2024). Data-driven optimization with distributionally robust second order stochastic dominance constraints, <i>Operations Research</i> , Vol. 72, no 3, p. 1298-1316
Francoeur, Claude and Singer, Zvi	Francoeur, Claude; Li, Yuntian; Singer, Zvi; Zhang Jing (2023). Earnings forecasts of female CEOs: Quality and consequences, <i>Review of Accounting Studies</i> , Vol. 28, no 3, p. 1721-1764
Hajda, Jakub	Geelen, Thomas; Hajda, Jakub; Morellec, Erwan; Winegar, Adam (2024). Asset life, leverage, and debt maturity matching, <i>Journal of Financial Economics</i> , Vol. 154, p. 1-22
Harvey, Jean-François and Johnson, Kevin	Harvey, Jean-François; Cromwell, Johnathan R.; Johnson, Kevin; Edmondson, Amy (2023). The dynamics of team learning: Harmony and rhythm in teamwork arrangements for innovation, <i>Administrative Science Quarterly</i> , Vol. 68, no 3, p. 601-647
Langley, Ann	Fachin, Fernando Freitas; Langley, Ann (2024). The patterning of interactive organizational identity work, <i>Organization Studies</i> , Vol. 45, no 3, p. 359-383



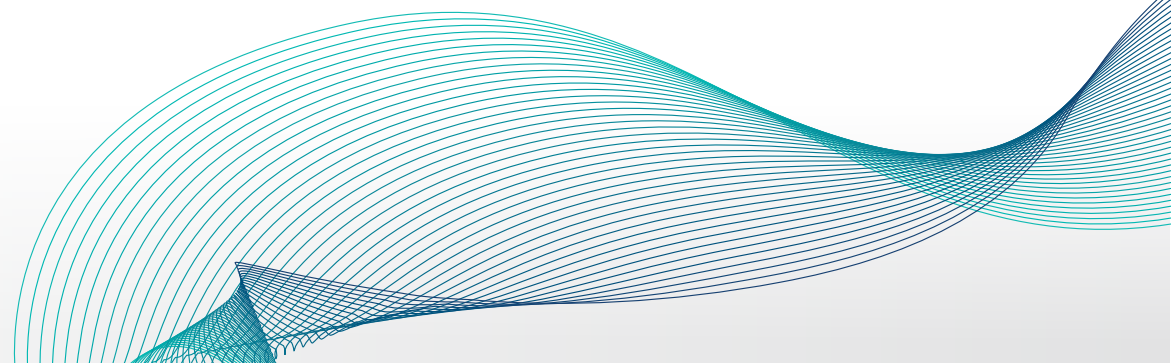
# A+ articles mentioned on FT and UTD review lists (cont.)



Faculty members	Bibliographical references
Laporte, Gilbert	Wu, Yiwei; Wang, Shuaian; Zhen, Lu; Laporte, Gilbert; Tan, Zheyi; Wang, Kai (2023). How to operate ship fleets under uncertainty, <i>Production and Operations Management</i> , Vol. 32, no 10, p. 3043-3061
Léger, Pierre-Majorique	Lakhiwal, Akshat; Bala, Hillol; Léger, Pierre-Majorique (2023). Ambivalence is better than indifference: Behavioral and neurophysiological assessment of ambivalence in online environments, <i>MIS Quarterly</i> , Vol. 47, no 2, p. 705-732
Lussier, Bruno and Larocque, Denis	Hartmann, Nathaniel; Chaker, Nawar N; Lussier, Bruno; Larocque, Denis; Habel, Johannes (2024). A theory of sales system shocks, <i>Journal of the Academy of Marketing Science</i> , Vol. 52, no 2, p. 261-283
Michaud, Pierre-Carl	Fonseca, Raquel; Langot, François; Michaud, Pierre-Carl; Sopraseuth, Thepthida (2023). Understanding cross-country differences in health status and expenditures: Health prices matter, <i>Journal of Political Economy</i> , Vol. 131, no 8, p. 1949-1993
Miller, Danny	Danneels, Erwin; Miller, Danny (2023). Corporate venture capital contributions to strategic renewal: Neglected paths and barriers, <i>Strategic Entrepreneurship Journal</i> , Vol. 17, no 3, p. 560-584
Miller, Danny and Le Breton-Miller, Isabelle	Andreviski, Goce; Miller, Danny; Le Breton-Miller, Isabelle; Ferrier, Walter (2022). Competitive rationales: Beneath the surface of competitive behavior, <i>Journal of Management</i> , Vol. 48, no 8, p. 2286-2317
Miller, Danny and Le Breton-Miller, Isabelle	Mazzelli, Ambra; Miller, Danny; Le Breton-Miller, Isabelle; De Massis, Alfredo; Kotlar, Josip (2023). Outcome-based imitation in family firms' international market entry decisions, <i>Entrepreneurship Theory and Practice</i> , Vol. 47, no 4, p. 1059-1092
Orlowski, Piotr	Orlowski, Piotr; Schneider, Paul; Trojani, Fabio (2024). On the nature of (jump) skewness risk premia, <i>Management Science</i> , Vol. 70, no 2, p. 1154-1174
Parent-Rochelleau, Xavier and Gaudet, Marie-Claude	Parent-Rochelleau, Xavier; Parker, Sharon K.; Bujold, Antoine; Gaudet, Marie-Claude (2024). Creation of the algorithmic management questionnaire: A six-phase scale development process, <i>Human Resource Management</i> , Vol. 63, no 1, p. 25-44
Rivard, Suzanne	Kotlarsky, Julia; Rivard, Suzanne; Oshri, Ilan (2023). Building a reputation as a business partner in information technology outsourcing, <i>MIS Quarterly</i> , Vol. 47, no 2, p. 901-922
Sardais, Cyrille	Lortie, Josée; Cabantous, Laure; Sardais, Cyrille (2023). How leadership moments are enacted within a strict hierarchy: The case of kitchen brigades in haute cuisine restaurants, <i>Organization Studies</i> , Vol. 44, no 7, p. 1081-1101
Soublière, Jean-François	Soublière, Jean-François; Lo, Jade Y.; Rhee, Eunice Yunjin (2024). Coherence within and across categories: The dynamic viability of product categories on kickstarter, <i>Academy of Management Journal</i> , Vol. 67, no 1, p. 61-91
Tams, Stefan	Tams, Stefan (2024). How tech fails late-career workers, <i>MIT Sloan Management Review</i> , Vol. 65, no 3, p. 70-73
Van Assche, Ari	Luo, Yadong; Van Assche, Ari (2023). The rise of techno-geopolitical uncertainty: Implications of the United States CHIPS and Science Act, <i>Journal of International Business Studies</i> , Vol. 54, no 8, p. 1423-1440
Van Osch, Wietske	Bulgurcu, Burcu; Van Osch, Wietske; Kane, Gerald C. (2024). Are enterprise social platforms all talk?, <i>MIT Sloan Management Review</i> , Vol. 65, no 3, p. 12-13
Van Osch, Wietske	Van Osch, Wietske; Bulgurcu, Burcu (2023). The profound influence of small choices in digital collaboration, <i>MIT Sloan Management Review</i> , Vol. 65, no 1, p. 38-41
Vial, Gregory	Vial, Gregory (2023). A complex adaptive systems perspective of software reuse in the digital age: An agenda for IS research, <i>Information Systems Research</i> , Vol. 34, no 4, p. 1728-1743



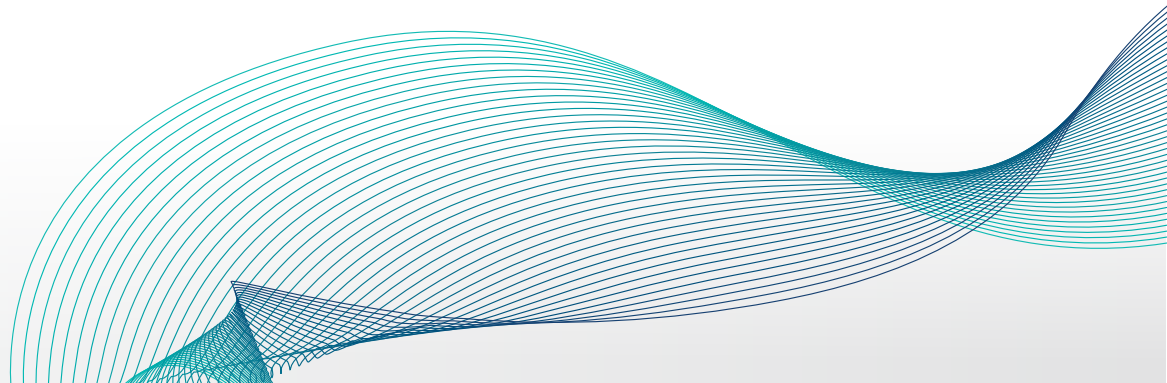
# Editorial activity ratings



	2019 – 2020	2020 – 2021	2021 – 2022	2022 – 2023	2023 – 2024
A+	29	33	32	34	<b>34</b>
A	14	18	22	20	<b>29</b>
B+	23	29	41	48	<b>39</b>
B	50	61	72	70	<b>64</b>
C	26	44	32	35	<b>32</b>
<b>TOTAL</b>	142	185	199	207	<b>199</b>



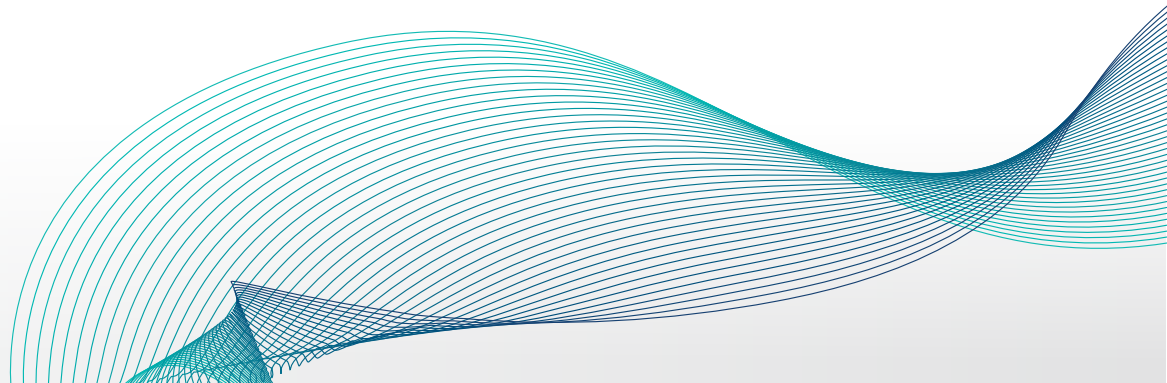
# Editorial activities for A+ journals



Faculty members	Journals
Adulyasak, Yossiri (Associate Editor)	INFORMS Journal on Computing
Charpin, Rémi (Member of the Editorial Committee)	Journal of Operations Management
Cloutier, Charlotte (Member of the Editorial Committee)	Academy of Management Journal
Cloutier, Charlotte (Member of the Editorial Committee)	Academy of Management Review
Cohendet, Patrick (Member of the Editorial Committee)	Research Policy
Delage, Erick (Associate Editor)	Management Science
Delage, Erick (Associate Editor)	Manufacturing and Service Operations Management
Delage, Erick (Associate Editor)	Operations Research
Dubé, Line (Member of the Editorial Committee)	Journal of Management Information Systems
Grégoire, Denis (Associate Editor)	Academy of Management Journal
Grégoire, Denis (Member of the Editorial Committee)	Entrepreneurship Theory and Practice
Grégoire, Denis (Member of the Editorial Committee)	Journal of Business Venturing
Grégoire, Denis (Member of the Editorial Committee)	Strategic Entrepreneurship Journal
Grégoire, Denis (Member of the Editorial Committee)	Journal of Management Studies
Grégoire, Yany (Associate Editor)	Journal of the Academy of Marketing Science
Harvey, Jean-François (Member of the Editorial Committee)	Human Relations
Harvey, Jean-François (Member of the Editorial Committee)	Organization Science
Le Breton-Miller, Isabelle (Member of the Editorial Committee)	Entrepreneurship Theory and Practice



# Editorial activities for A+ journals (cont.)

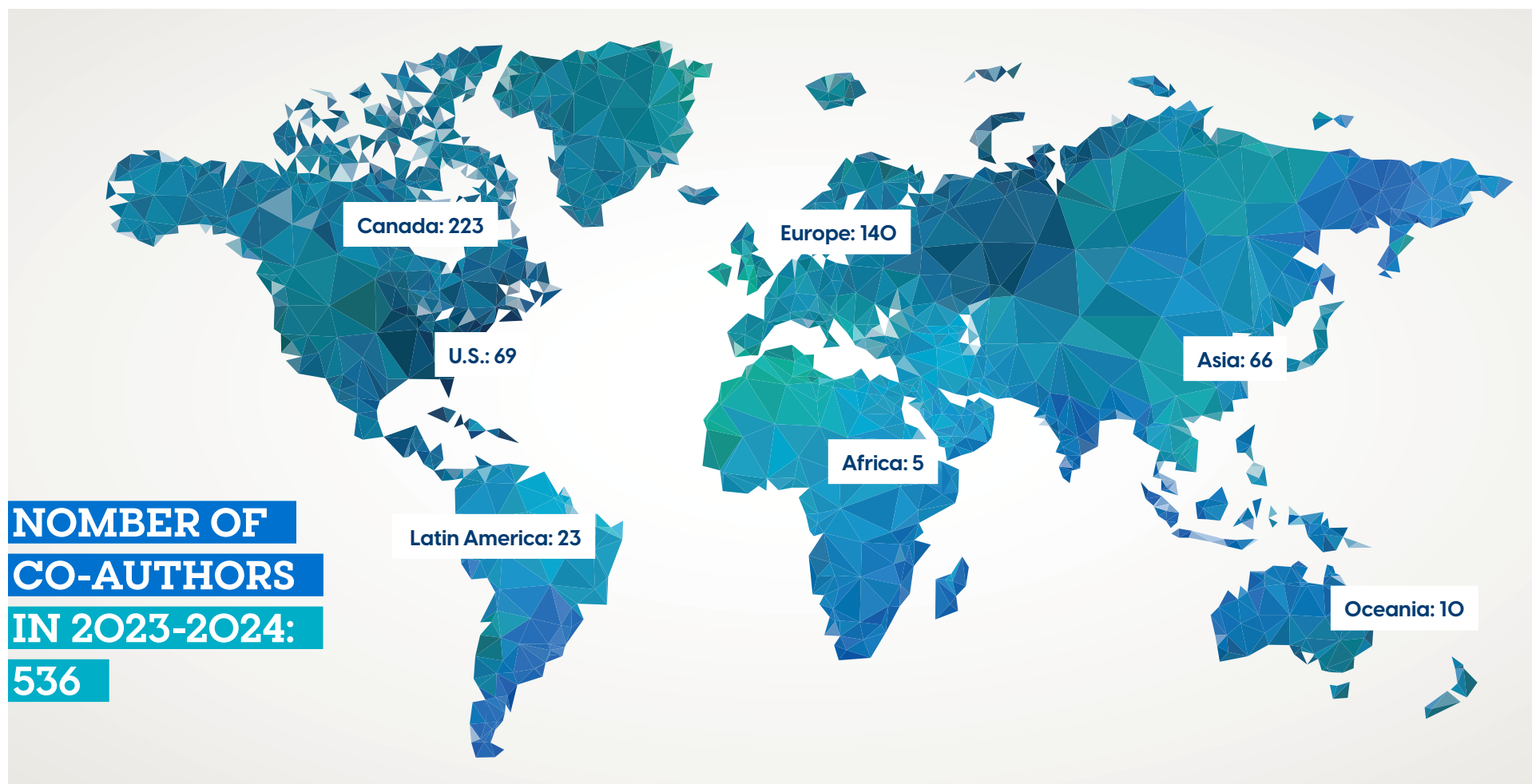
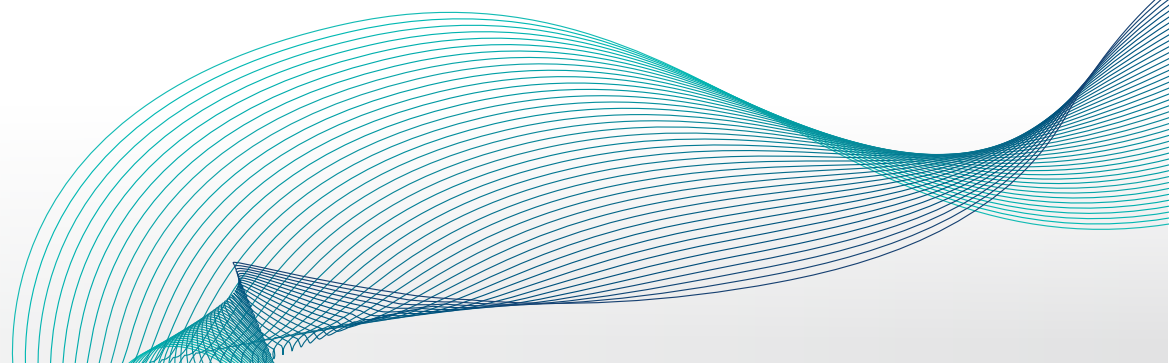


Faculty members	Journals
Le Breton-Miller, Isabelle (Member of the Editorial Committee)	Strategic Entrepreneurship Journal
Miller, Danny (Editor)	Entrepreneurship Theory and Practice
Osorio, Carolina (Associate Editor)	Operations Research
Rouleau, Linda (Member of the Editorial Committee)	Journal of Management Studies
Rouleau, Linda (Senior Editor)	Organization Studies
Singer, Zvi (Member of the Editorial Committee)	Contemporary Accounting Research
Soublière, Jean-François (Member of the Editorial Committee)	Organization Studies
Soublière, Jean-François (Member of the Editorial Committee)	Journal of Management Studies
Soublière, Jean-François (Member of the Editorial Committee)	Academy of Management Journal
Soublière, Jean-François (Member of the Editorial Committee)	Academy of Management Review
Soublière, Jean-François (Member of the Reading Committee)	Journal of Business Venturing
Soublière, Jean-François (Member of the Reading Committee)	Administrative Science Quarterly
Titah, Ryad (Member of the Editorial Committee)	Organization Studies
Van Assche, Ari (Member of the Editorial Committee)	Journal of International Business Studies
Vandenberghe, Christian (Member of the Reading Committee)	Human Relations
Vial, Gregory (Member of the Editorial Committee)	Information Systems Research

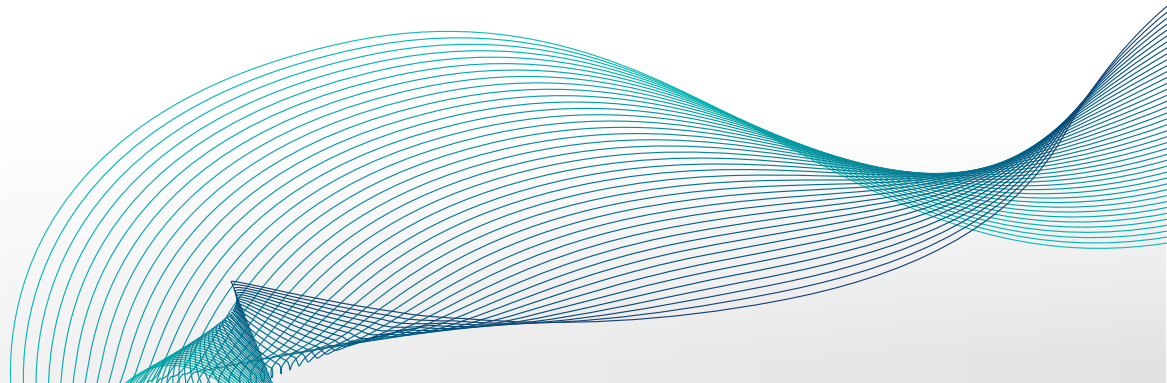


# Number and origins of co-authors

who published articles with HEC Montréal faculty members in 2023-2024







# Impact of publications

Full Professors

**21** Full professors  
were cited  
more than

**5,000** times

**7** of whom were  
cited more than

**15,000** times

## The 21 most cited professors\*:

- › Caroline Aubé
- › Benoit Aubert
- › François Bellavance
- › Patrick Cohendet
- › Jean-François Cordeau\*\*
- › Jacques Desrosiers\*\*
- › Georges Dionne
- › David Doloreux
- › Denis Grégoire
- › Yany Grégoire
- › Isabelle Le Breton-Miller\*\*
- › Pierre-Carl Michaud
- › Danny Miller\*\*
- › Guy Paré\*\*
- › Suzanne Rivard\*\*
- › Linda Rouleau
- › Sylvain Sénécal
- › Stephan Vachon
- › Christian Vandenberghe\*\*
- › Simon van Norden
- › Georges Zaccour



H-index scores for these  
21 professors range between

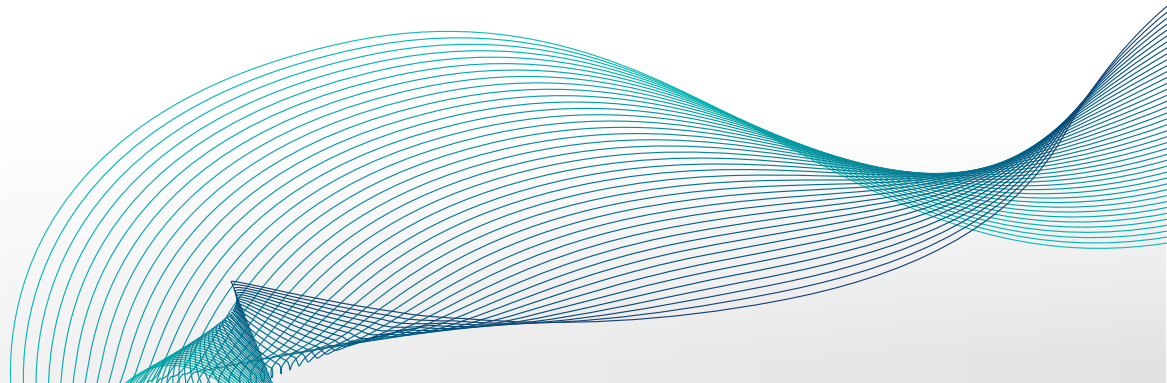
**17** and **118**

Source: Google Scholar (May 30, 2024)

\* Faculty members are listed

\*\* These professors have been cited





# Impact of publications

Associate Professors

**17** Associate Professors  
were cited  
more than  
**1,500** times  
**6** of whom were  
cited more than  
**3,000** times

## The 17 most cited professors\*:

- > Yossiri Adulyasak
- > Marine Agogu 
- > David Ardia\*\*
- > Amir Barnea\*\*
- > Ann-Frances Cameron
- > Laurent Charlin\*\*
- > Jorge E. Mendoza
- > Marcelo Vinhal Nepomuceno
- > Ana Ortiz de Guinea\*\*
- > Jian Tang\*\*
- > Sophie Tessier
- > Ryad Titah
- > Nora Traum
- > Marie-Claude Trudel\*\*
- > Wietske Van Osch
- > Gregory Vial
- > Rafael Ziegler



H-index scores for these  
17 professors range between

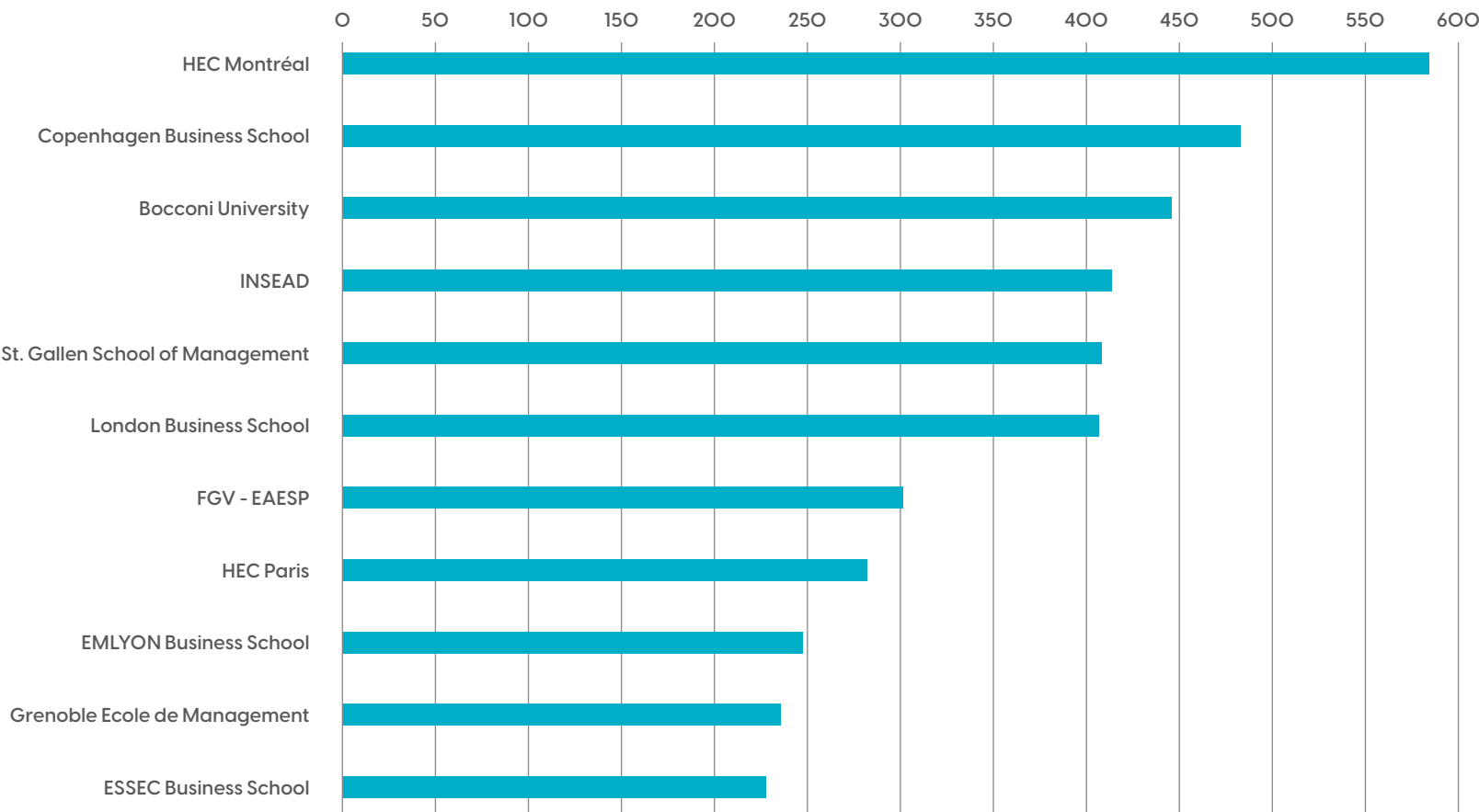
**6** and **51**

Source: Google Scholar (May 30, 2024)  
\* Faculty members are listed in alphabetical order  
\*\* These professors have been cited more than 3,000 times.



# Impact of publications (cont.)

## 5-year H-index ranking



Methodology: The table shows the sum of the h-indices over 5 years for the 10 professors with the highest H-index scores in each selected business school.

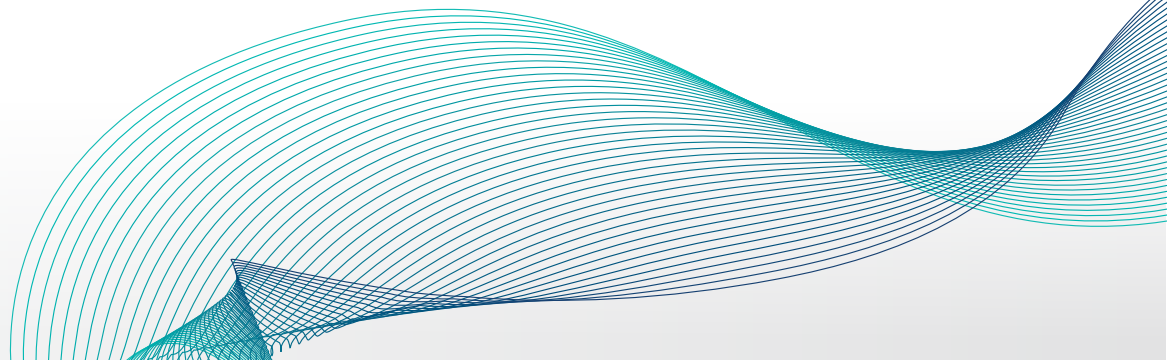
The H-index is the number of articles that have been cited at least h times.

Schools were selected based on their international reputation and ability to rank faculty members in Google Scholar.



# Reach of research

World ranking



Top 100 Business School Research Rankings  
of University of Texas at Dallas (UTD)

HEC Montréal is ranked

**100th** in the world

**72th** in  
North America

and  
**5th** in  
Canada

Methodology: The calculation is based on the number of research articles published in 24 prestigious reviews in the field of management. One point, divided by the number of affiliations per author, is given for each article published by a researcher affiliated with a management school. The total number of points determines each business school's ranking

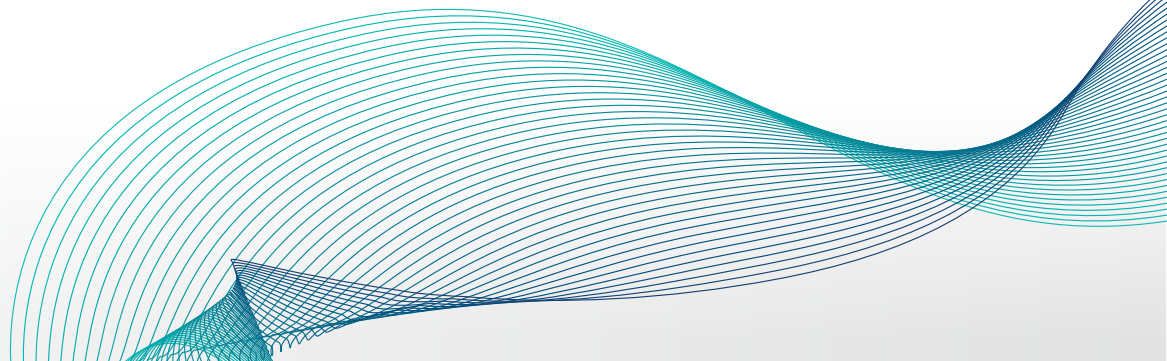
The 24 journals are: The Accounting Review, Journal of Accounting and Economics, Journal of Accounting Research, Journal of Finance, Journal of Financial Economics, The Review of Financial Studies, Information Systems Research, Journal on Computing, MIS Quarterly, Journal of Consumer Research, Journal of Marketing, Journal of Marketing Research, Marketing Science, Management Science, Operations Research, Journal of Operations Management, Manufacturing and Service of Operations Management, Manufacturing and Service Operations Management, Production and Operations Management, Academy of Management Journal, Academy of Management Review, Administrative Science Quarterly, Organization Science, Journal of International Business Studies, and Strategic Management Journal.





## Reach of research (cont.)

World ranking



### Financial Times (FT) Aggregated Research Ranking

## HEC Montréal is ranked

**67th** in the world

**44th** in  
North America

and  
**3rd** in  
Canada

Methodology: This unique exercise was carried out by the FT as part of a report on the rigour, resonance and relevance of research worldwide, based on the following publication criteria:

- Citations in the FT50 list of top journals, weighted by research field (OpenAlex)
- Influence in the scientific community – journals other than the FT50 (Scite)
- Impact on teaching – cited in course syllabi (Open Syllabus) and mentioned in management case studies (Case Centre)
- Resonance beyond academia – articles downloaded by government organizations or companies (SSRN) and citations in government consultation documents (Overton)
- Societal importance – articles aligned with the UN Sustainable Development Goals (OpenAlex SDG)
- Number of FT50 articles per academic faculty member in the past 3 years

#### For more information:

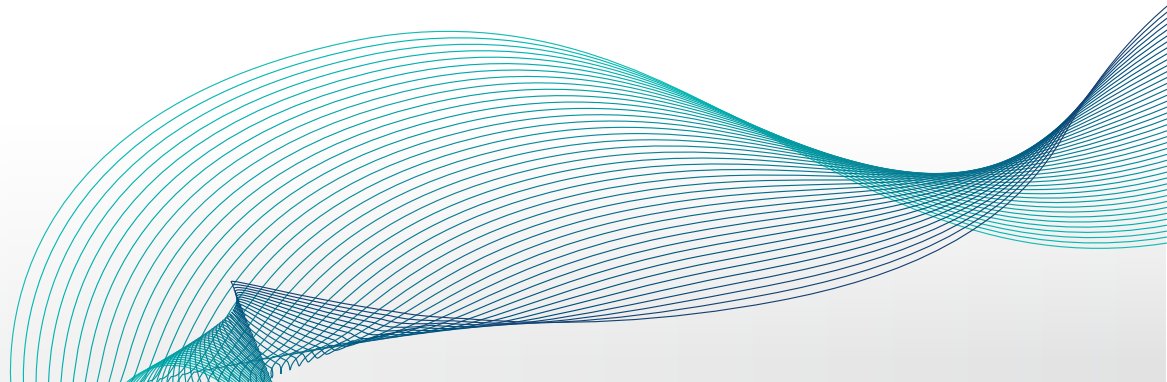
<https://www.ft.com/content/7e81e1b6-eb08-43de-ab71-ab6c50181cc3>





# Reach of research

The most read articles published  
in The Conversation in 2023-2024



**ChatGPT, allié ou adversaire pour l'enseignement des sciences et des mathématiques ?**

**Patrick Charland**, Full Professor, UQAM

**Hugo G. Lapierre**, Faculty lecturer, Université de Montréal

**Pierre-Majorique Léger**, Full Professor, Department of Information Technology, HEC Montréal



**Older Canadians' savings are shaped by their long-term care preferences**

**Marie-Louise Leroux**, Full Professor, UQAM

**Bertrand Achou**, Assistant Professor, University of Groningen

**Franca Glenzer**, Assistant Professor, Department of Finance, HEC Montréal

**Minjoon Lee**, Associate Professor, Carleton University

**Philippe De Donder**, Research Director (CNRS), Toulouse School of Economics



**Explosion des coûts dans les mégaprojets : pire au Québec, vraiment ?**

**Maude Brunet**, Associate Professor, Department of Management, HEC Montréal



**L'économie circulaire stagne. Et si le modèle coopératif servait d'inspiration ?**

**Rafael Ziegler**, Associate Professor, Department of Management, HEC Montréal

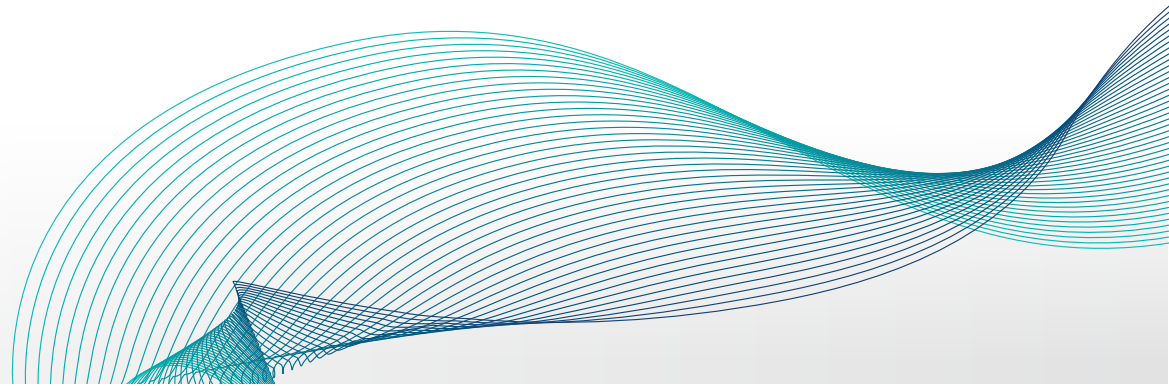
The 16 articles published by HEC Montréal faculty between June 1, 2023, and May 31, 2024, generated 123,187 page views.

## THE CONVERSATION



# Reach of research

Most read articles published in 2023-2024  
in the journal *Gestion*



## Six pratiques à encourager pour donner du sens au travail

**Estelle M. Morin**, Full Professor, Department of Management, HEC Montréal  
**Laurent Flaque**, Holder of the chair in Sens et Travail, ICAM



## Nouvelle organisation du travail : les questions qu'il faut se poser

**Kevin J. Johnson**, Full Professor, Department of Management, HEC Montréal



## La pleine conscience au cœur de la transformation stratégique

**Jean-François Harvey**, Associate Professor, Department of Entrepreneurship and Innovation, HEC Montréal  
**Carl Lemieux**, Occupational psychologist, mindfulness teacher (MBSR) and founder of Mindsmatter



## Gestion de projet : la maturité, vecteur de performance ?

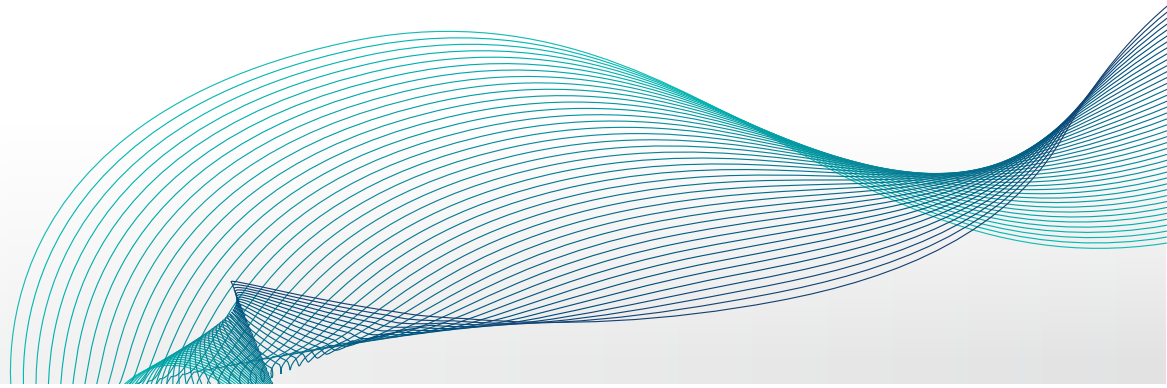
**Alenjandro Romero-Torres**, Full Professor, UQAM  
**Maude Brunet**, Associate Professor, Department of Management, HEC Montréal  
**Benoit Lalonde**, Senior Partner, GPBL Penser Projet  
**Monique Aubry**, Adjunct Professor, UQAM

In 2023-2024, more than 100 HEC Montréal faculty members contributed to articles published in the journal *Gestion*.



# Reach of research

On social media



254  
posts\*

With

1.9M  
people reached

Posts on the research of HEC Montréal professors and their impact on the community.



Number of posts: 64  
Number of people reached: 400,000



Number of posts: 103  
Number of people reached: 1,500,000



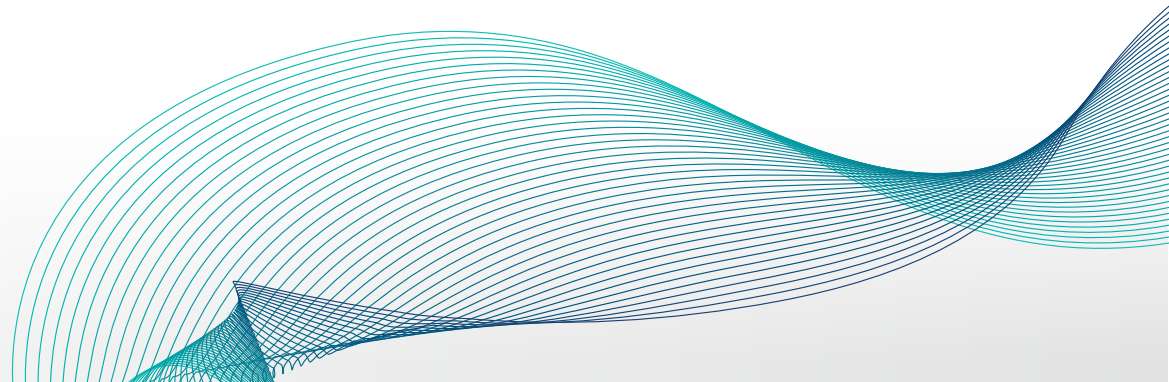
Number of posts: 87  
Number of people reached: 40,000

\*Messages published on social media between June 1, 2023, and May 31, 2024

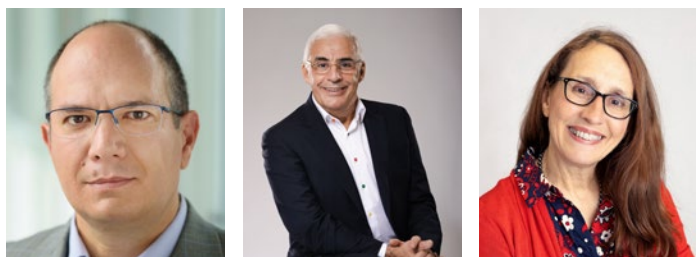


# Reach of research

2023-2024 research luncheons



## Research and knowledge transfer to promote entrepreneurship and business succession



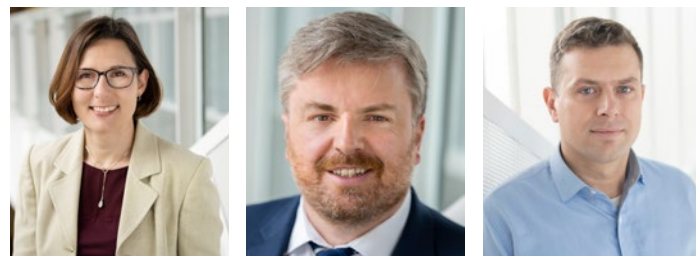
**Luis Cisneros, Robert Dutton, and Isabelle Le Breton-Miller**

## Research and knowledge transfer in management education



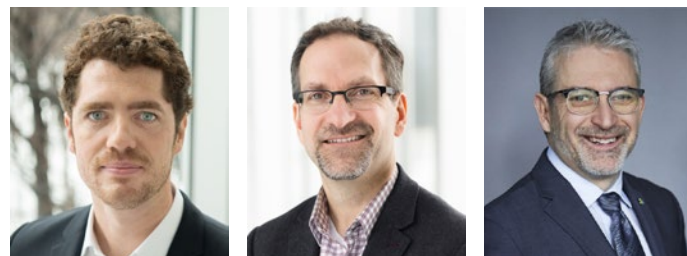
**Anne Mesny, Sophie Marmousez, Anaïs Galy, and Patrick Pelletier** from TÉLUQ

## Cybersecurity and cyber resilience: the role of management research



**Alina Maria Dulipovici, Julien Le Maux, and Vincent Grégoire**

## A CEO's job: the role of research and knowledge transfer in management

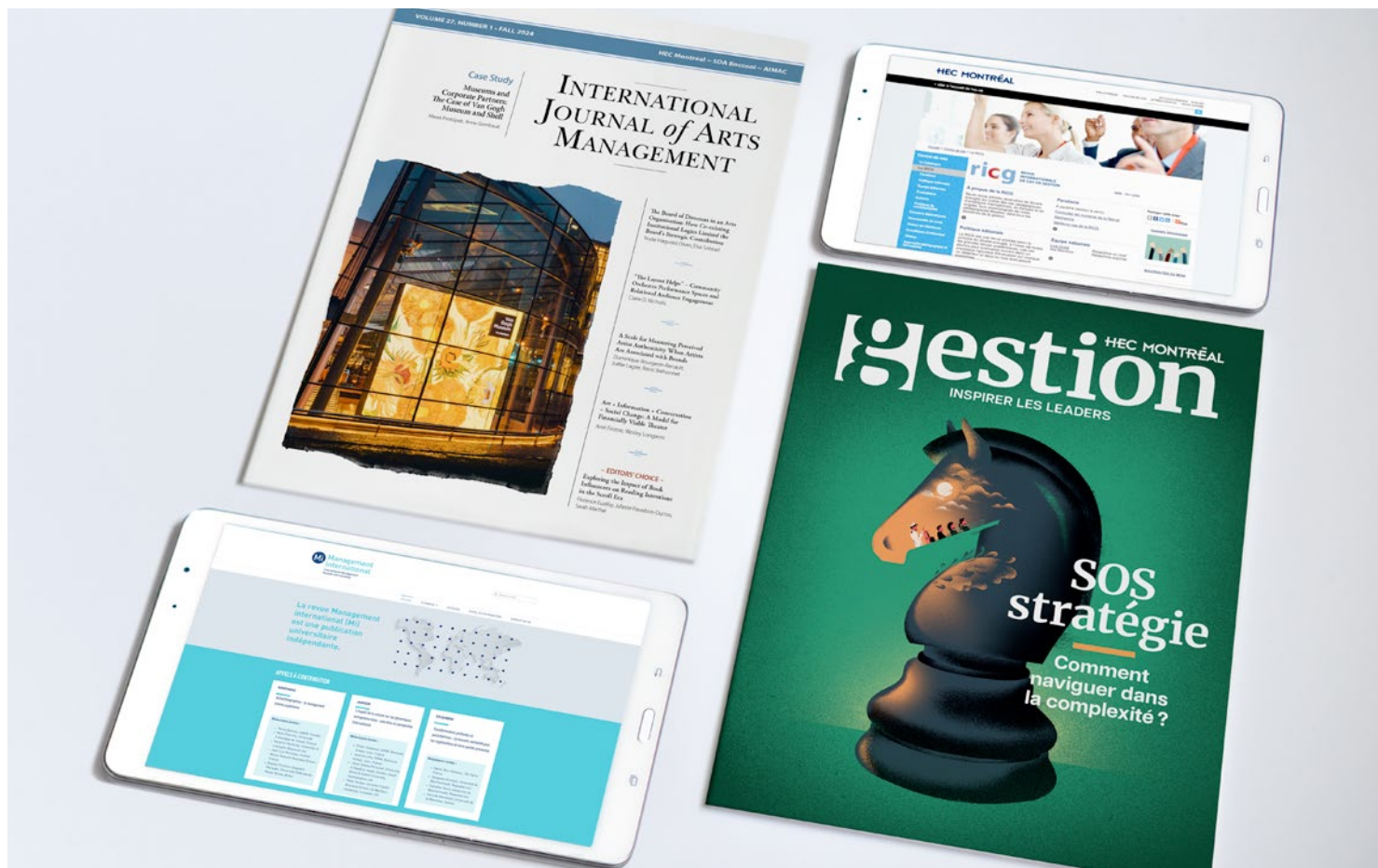
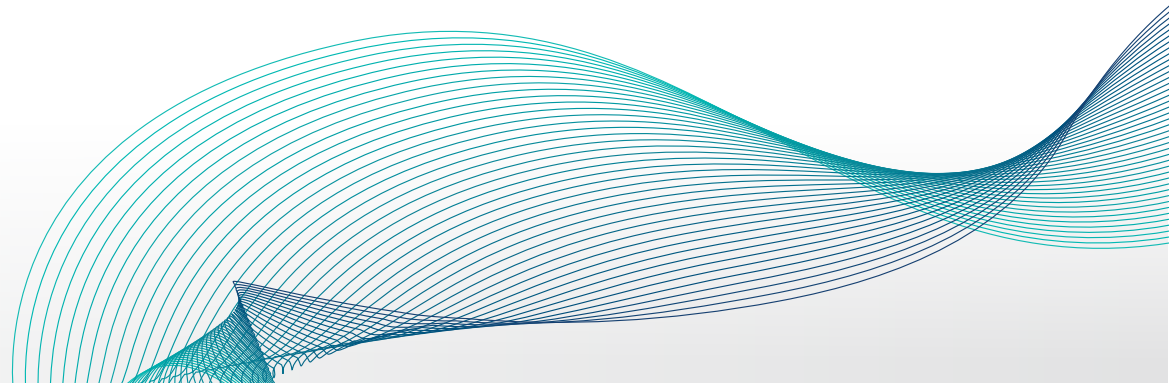


**Alaric Bourgoïn, Denis Chênevert, and Luc Tremblay**



# Reach of research

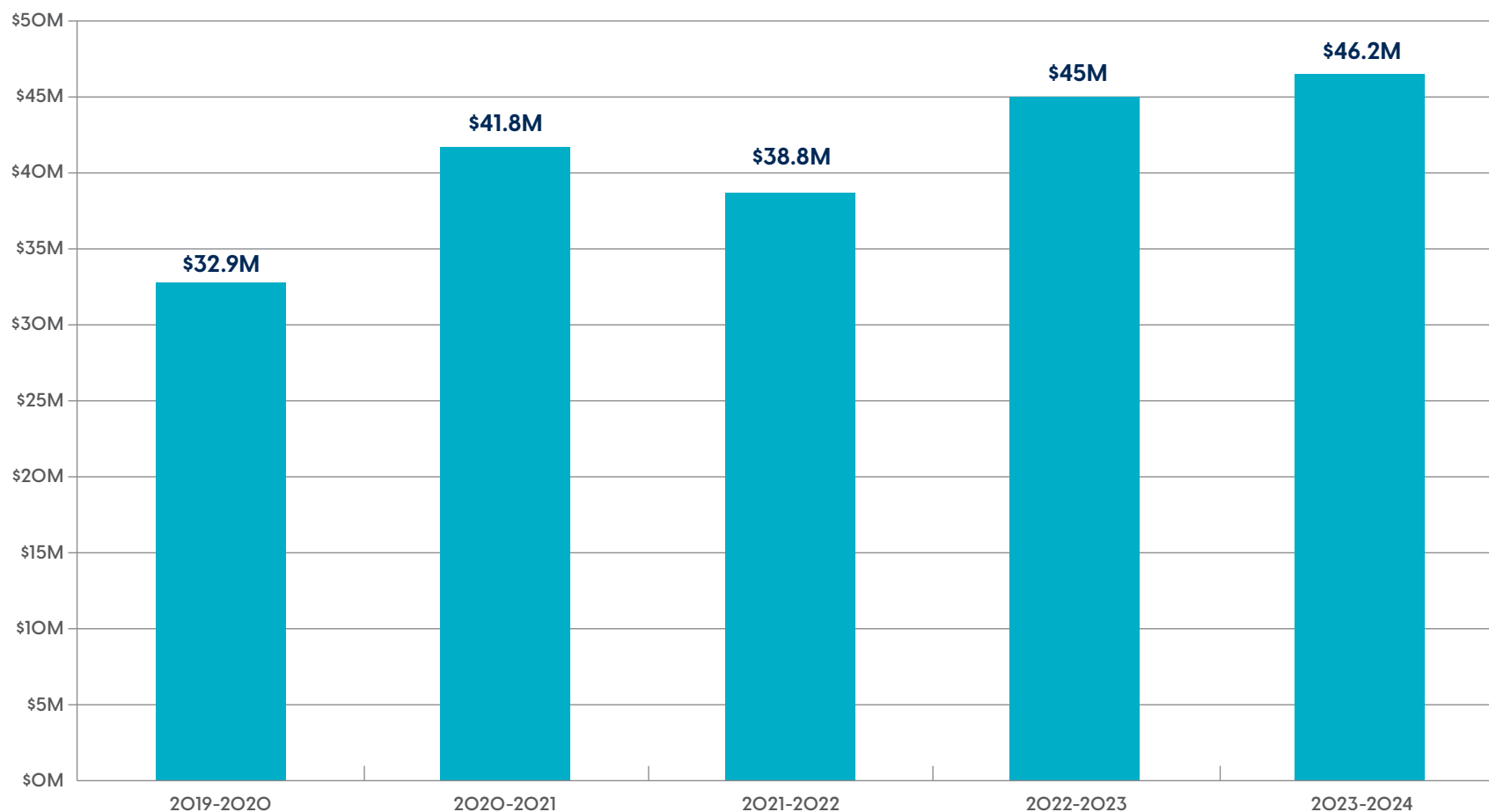
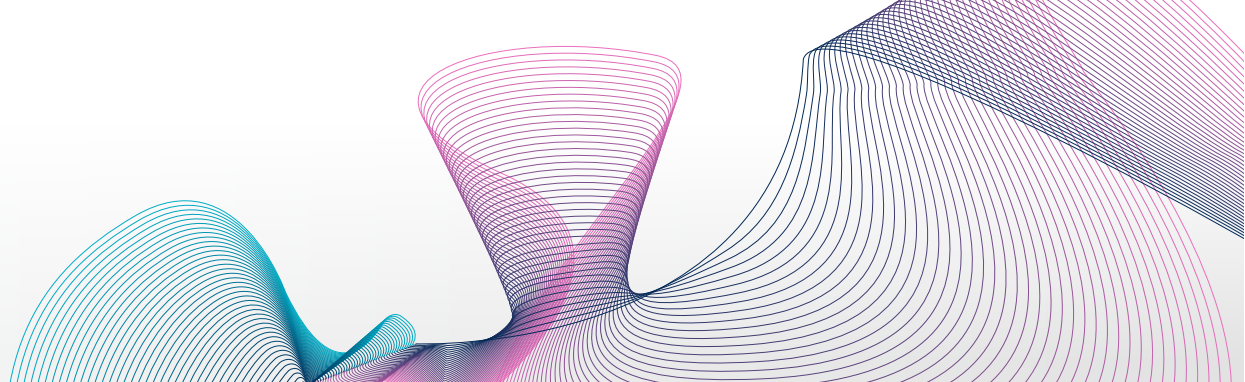
Journals published by HEC Montréal



- Gestion
- International Journal of Arts Management
- Management International
- International Journal of Case Studies in Management



# Research and knowledge transfer funding by year



Compared to data published in the 2022-2023 Activity Report

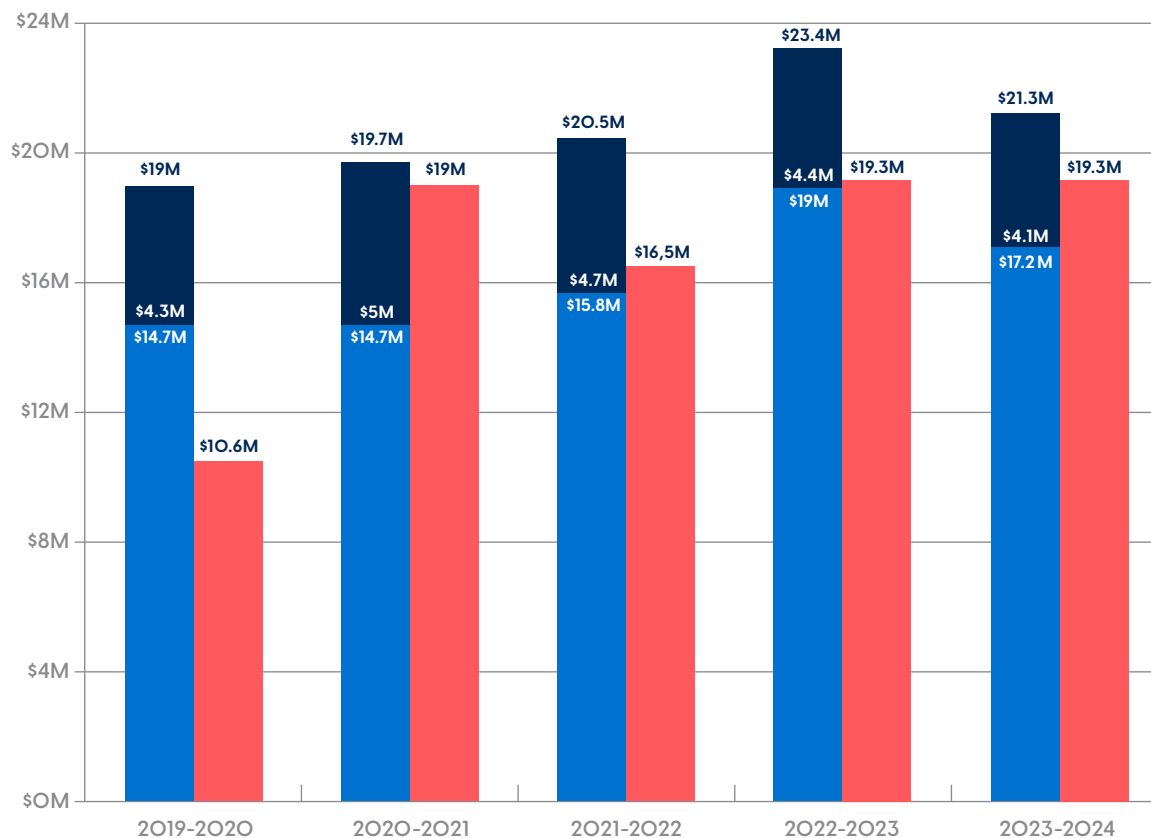


# Research and knowledge transfer funding by year

Sources of Funding (Amounts in thousands of dollars)	2019 – 2020	2020 – 2021	2021 – 2022	2022 – 2023	2023 – 2024
Federal government	\$12,098	\$21,495	\$17,499	\$19,400	<b>\$15,740</b>
Provincial government	\$4,295	\$4,530	\$4,858	\$8,199	<b>\$11,377</b>
Municipal government	\$41	\$296	\$280	\$21	<b>\$236</b>
For-profit businesses	\$3,708	\$2,388	\$4,065	\$4,578	<b>\$4,877</b>
Non-profit organizations (OBNL)	\$4,961	\$4,823	\$5,296	\$5,794	<b>\$3,865</b>
HEC Montréal	\$4,289	\$4,974	\$4,655	\$4,362	<b>\$4,120</b>
Other academic institutions	\$184	\$88	\$216	\$173	<b>\$181</b>
Other (private donations)	—	\$20	\$150	\$115	<b>\$242</b>
<b>TOTAL</b>	<b>\$29,576</b>	<b>\$38,614</b>	<b>\$37,019</b>	<b>\$42,640</b>	<b>\$40,639</b>



# Research funding by year and recipient institution



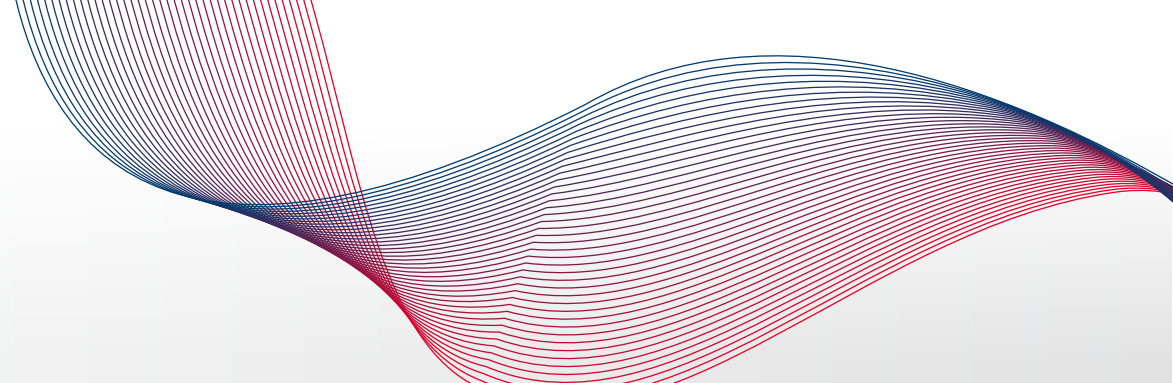
## HEC Montréal recipient:

- External funding
- Internal funding

## Other academic institutions:

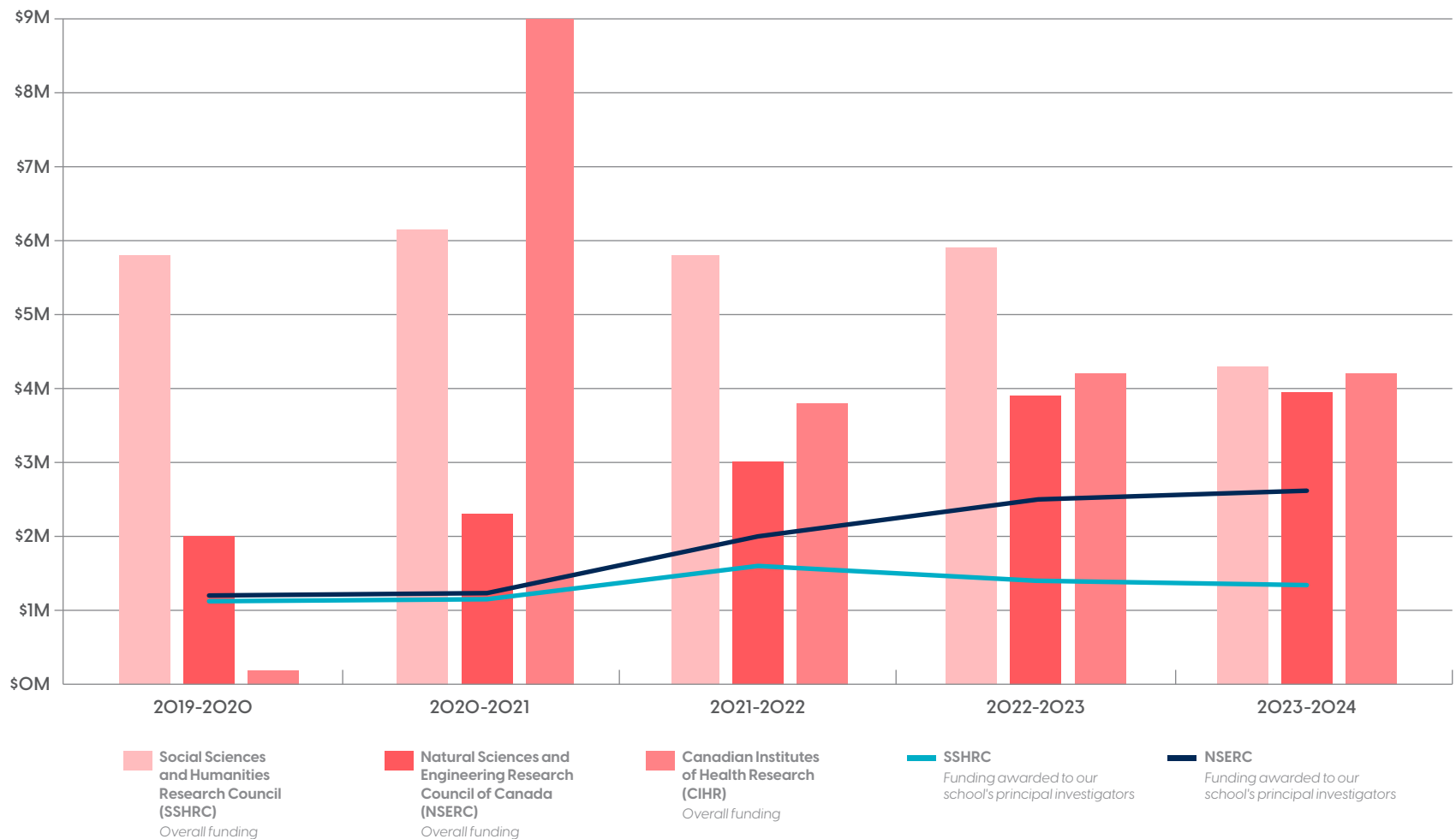
- › Funding granted to other universities when at least one HEC Montréal professor is involved in the research project.
- › In 2023-2024, other recipient institutions were primarily:
  - › Université Laval (24%)
  - › Université de Sherbrooke (17%)
  - › École Polytechnique de Montréal (14%)
  - › Université de Montréal (12%)
  - › Mila (10%)
  - › McMaster University (7%)
  - › McGill University (4%)



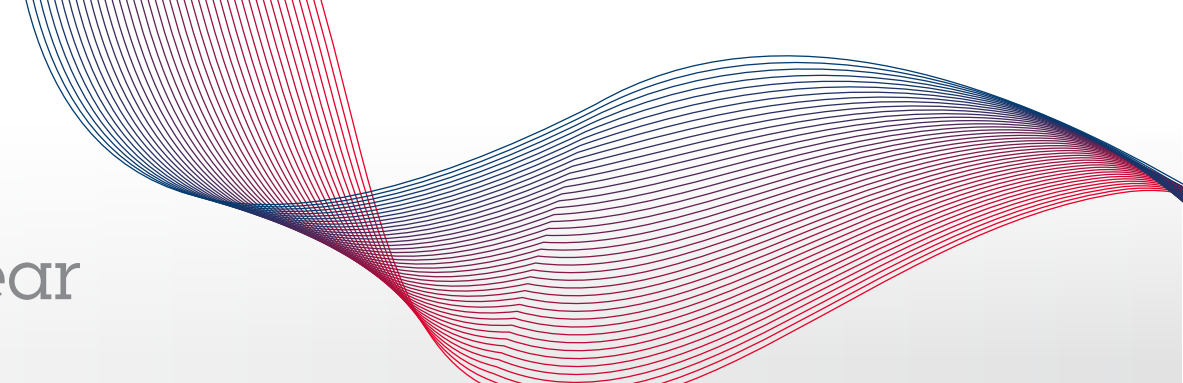


# Federal funding by year

From the three major Canadian granting agencies

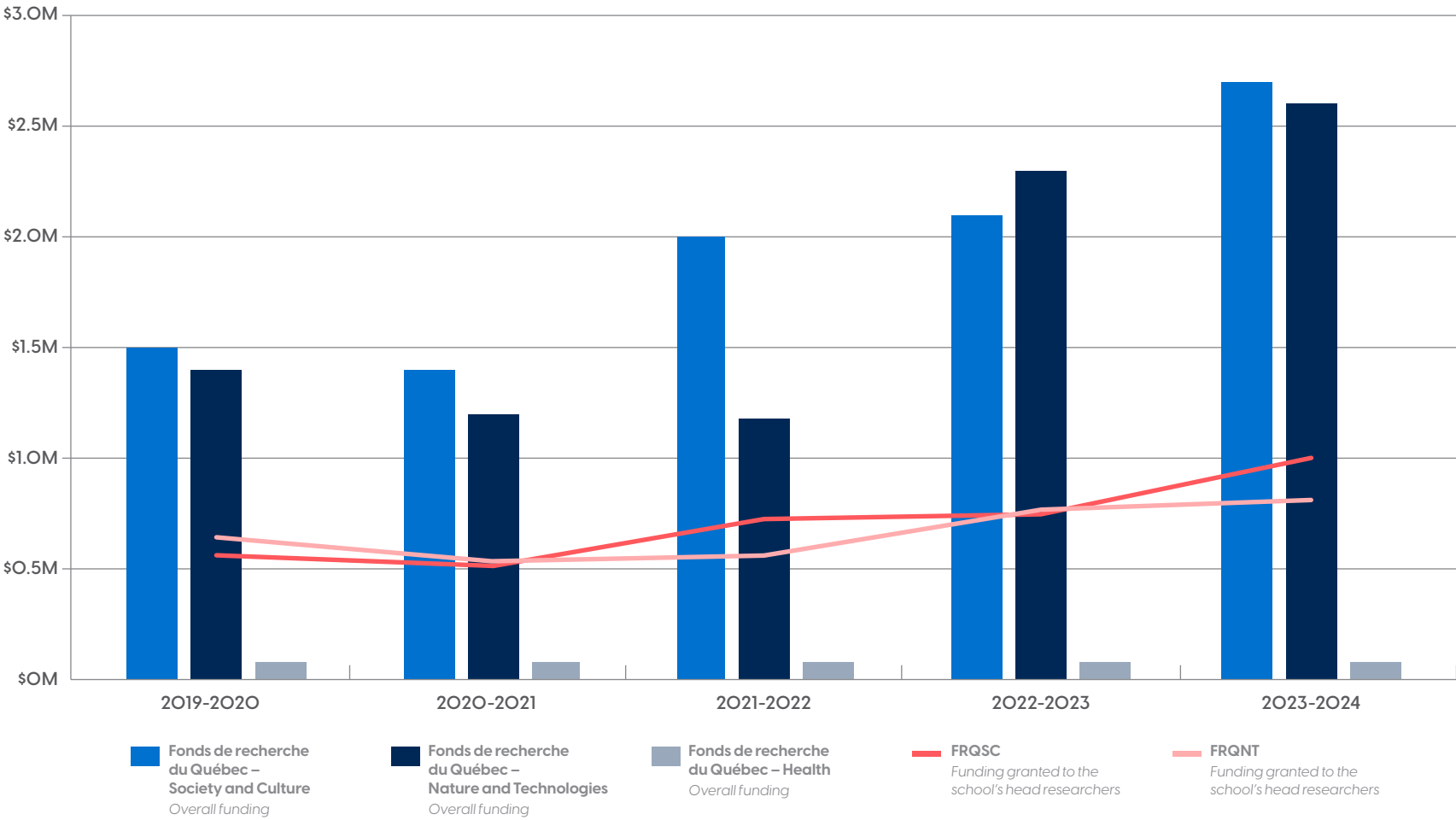




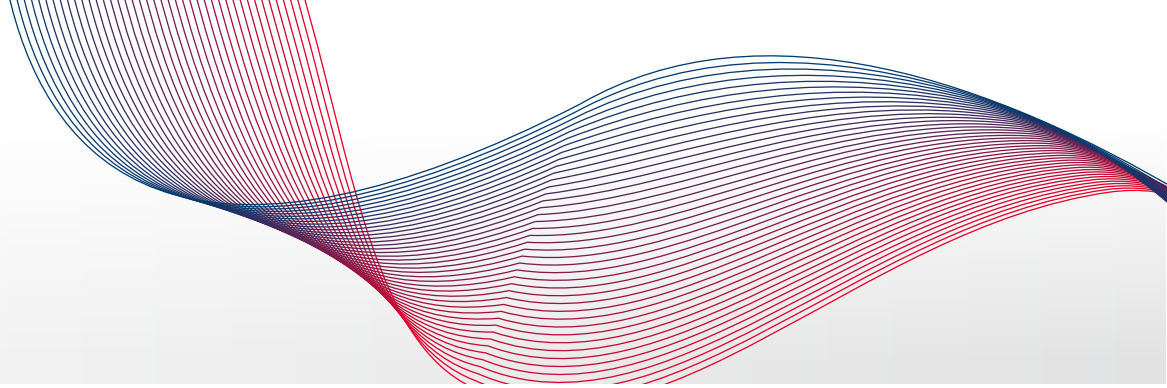


# Provincial funding by year

From the Fonds de recherche du Québec







# Success rate over the past 5 years

in major granting competitions

The success rate of HEC Montréal professors in major funding competitions is higher than provincial and national averages.

	HEC Montréal success rate (over 5 years)	National and provincial success rate (over 5 years)
SSHRC – Insight	61%	47%
SSHRC – Insight development	71%	51%
SSHRC – Partnership Development	67%	56%
NSERC – Discovery	68%	63%
FRQSC – New Academics	50%	40%



Data for projects where the main researcher is from HEC Montréal.



# Number of funding applications

By HEC Montréal professors

	2019 – 2020	2020 – 2021	2021 – 2022	2022 – 2023	2023 – 2024
SSHRC	25	28	19	35	<b>38</b>
NSERC	9	7	13	6	<b>9</b>
CFI	3	3	0	1	<b>1</b>
FRQSC	13	8	15	13	<b>20</b>
FRQNT	2	3	2	2	<b>2</b>
Federal departments and agencies	5	7	0	2	<b>1</b>
Provincial ministries and agencies	4	2	4	1	<b>2</b>
Other	9	4	3	1	<b>6</b>
<b>TOTAL</b>	<b>70</b>	<b>60</b>	<b>56</b>	<b>61</b>	<b>79</b>



# Research and transfer contracts by year



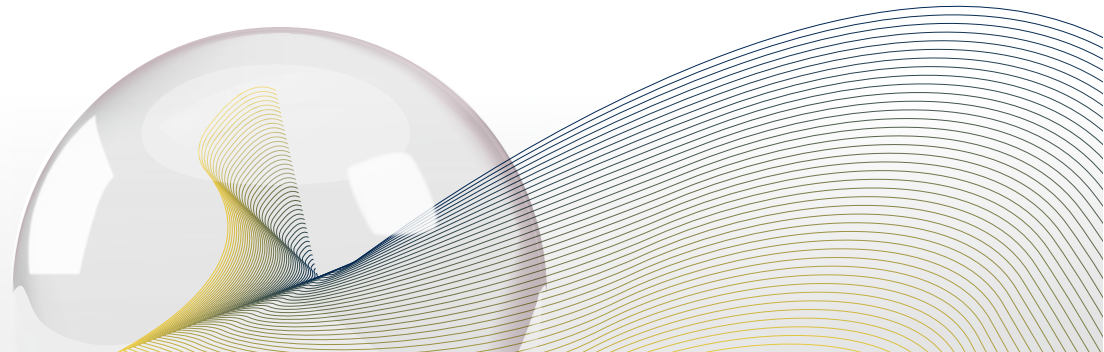


# Transfer activity funding by year

Type of funding <small>(Amounts in thousands of dollars)</small>	2019 – 2020	2020 – 2021	2021 – 2022	2022 – 2023	2023 – 2024
Partner agreements and service agreements with the community	\$418	\$823	\$967	\$1,562	<b>\$2,150</b>
Knowledge transfer grants	\$306	\$922	\$650	\$2,046	<b>\$2,084</b>
Donations to transfer hub activities	\$1,528	\$1,636	\$1,034	\$1,851	<b>\$1,368</b>
<b>TOTAL</b>	<b>\$2,252</b>	<b>\$3,381</b>	<b>\$2,650</b>	<b>\$5,458</b>	<b>\$5,602</b>



# Valorization activities



## Invention disclosures

**51 invention disclosures**  
active since 2002

axelys

## Spinoffs

**4 spinoffs:**

- › Baton Simulations
- › Imarklab
- › CubeHX
- › Delta Vega Financière Inc.

## Examples of major social innovations

### Social impact and international development

The **IDEOS Hub** is an academic partner of Desjardins International Development (DID) on two projects, in Senegal and in Haiti, wherein local partners are active participants in improving financial inclusion, encouraging the adoption of green technologies, and promoting sustainable economic growth.

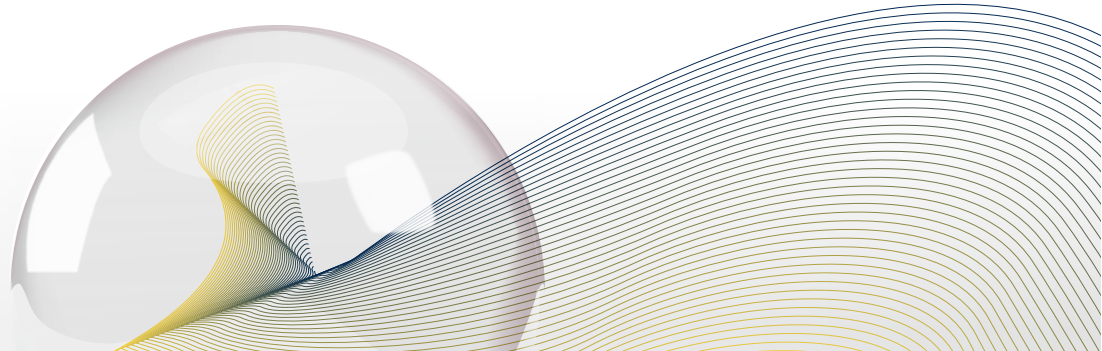
In collaboration with Cheikh Anta Diop University (UCAD) and the National Agency for Renewable Energy, the **Renouveau FJ (SEEDS-Sénégal)** project aims to increase the participation of women and youth in renewable energy value chains (REVCs). The project works to remove obstacles to adopting renewable technologies. Hundreds of rural women entrepreneurs are involved in the program, as are dozens of renewable energy technology suppliers and microfinance institutions that support this type of initiative.

**Relance Haiti (SEEDS-Haiti)** focuses on capacity building for women and young entrepreneurs facing challenges brought by environmental issues and climate change, through a professional development program for women in microfinance institutions and an entrepreneurial and leadership training program for women entrepreneurs. Hundreds of women who manage microfinance institutions are involved in the project, as are hundreds of women entrepreneurs.

**ideos**  
HEC MONTRÉAL | Social Impact Hub



# Valorization activities (cont.)



## Other examples of major social innovations

### An award-winning online platform for caregivers

An initiative piloted by Denis Chênevert, Full Professor and Director of the [HEC Montréal Health Management Hub](#), received the 2023 Social Innovation Award at the 33rd gala put on by the Association pour le développement de la recherche et de l'innovation du Québec. The distinction was conferred upon the organization Entraidant for its online platform Répit-aidant, which was developed following a final MBA project by five HEC Montréal students: Timothée Bligny, Virginie Cousineau-Gendron, Geoffroy Desautels, Anthony El-Haddad, and Andy Kong.

Répit-aidant connects caregivers with qualified and available caregivers to provide them with occasional respite. The aim is to connect clients to support services by making the matching process more seamless and eliminating the middleman.

The HEC Montréal Health Management Hub is one of the partners analyzing the data produced by the platform, to gain a better understanding of the evolving needs of caregivers in Quebec.

Healthcare  
Management **Hub**  
HEC MONTRÉAL

### Social Business Creation

The 8th edition of the [Social Business Creation](#) event, which included 156 projects and over 500 participants, reaffirmed, yet again, its commitment to the social entrepreneurship ecosystem. All the participants received training and coaching from teams of faculty and staff members from HEC Montréal and its partner universities, and they completed several stages of the School's international competition before reaching its grand finale.

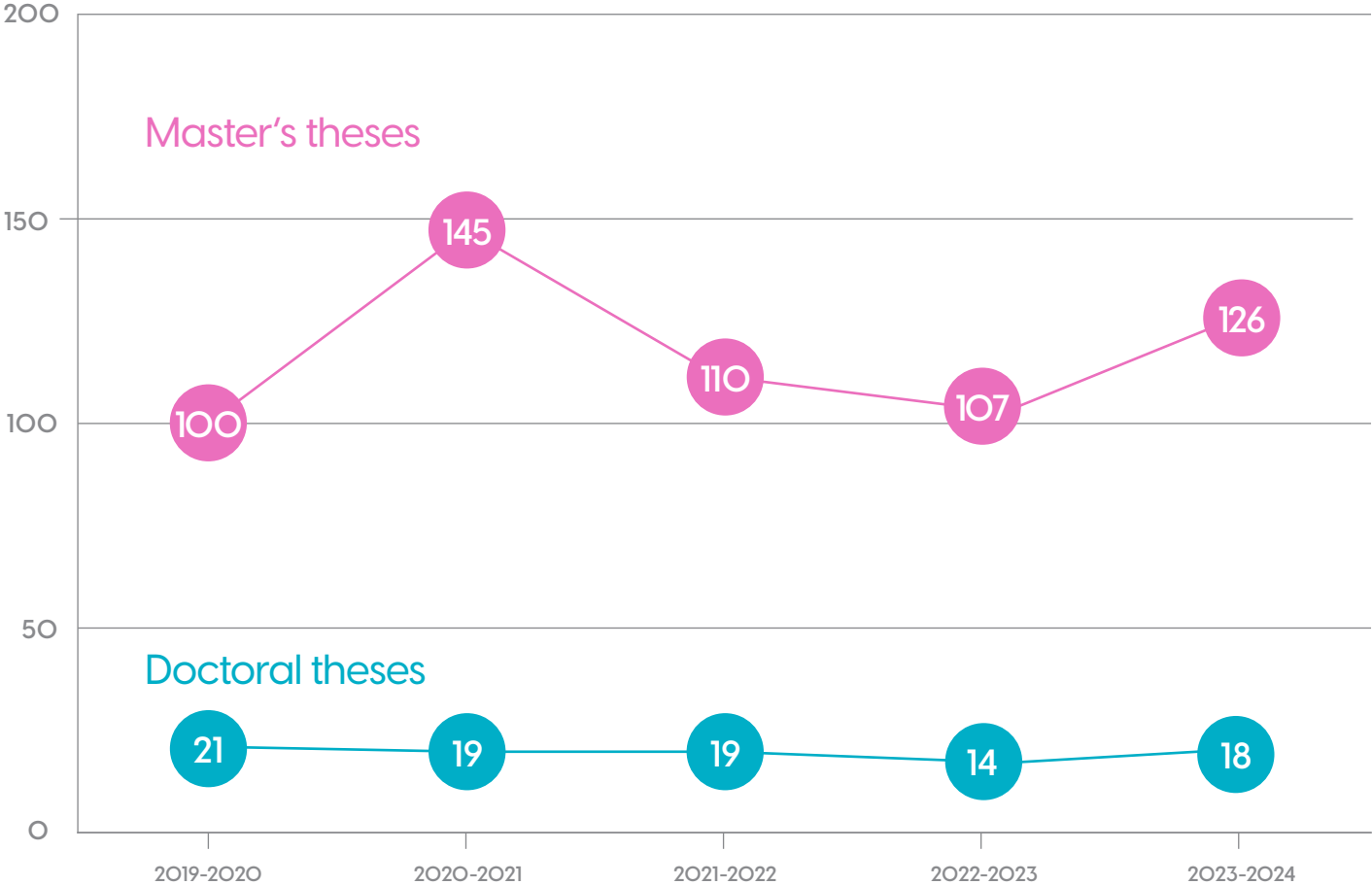
SBC is more than a competition—it is also a training opportunity for university students at all levels. Teams come up with an idea for a social mission they want to develop. They are then guided, step by step, as they create a social business. They learn to analyze a problem, develop solutions, and identify sources of funding.

Right from the start, SBC has benefited from the support of the Yunus Centre and its founder, Nobel Peace Prize Laureate Muhammad Yunus. The 2023 edition was presented for the 3rd consecutive year with support from Scotia Bank.





# Number of graduates





# Thesis awards

## Award

### Best Doctoral Thesis



The thesis of **Théophile Demazure** is titled *"Dual Perspective on Mental State Inferences in Human - Computer Interaction: A Three-Essay Thesis Proposal"*.

This thesis explores various methodologies for evaluating the mental states of information systems users during human-computer interactions.

The thesis adopts a NeurolS approach to identify several challenges to evaluating such mental states. This in-depth research then proposes two distinct approaches to resolving them. The first utilizes a data-driven methodology, employing advanced machine learning for mental state decoding. The second takes a more hypothetico-deductive perspective and draws on the current understanding of multisensory integration and its interplay with attention.

Based on these two methodologies, this thesis contributes to advancing the field of NeurolS and the measure of mental state over time during information systems use.

- › Research director: Pierre-Majorique Léger
- › Co-research director: Marc Fredette



The thesis of **Mehran Poursoltani** is titled *"Regret Minimization in Multistage Decision Problems"*.

This thesis investigates the concept of regret minimization from a computational perspective for multistage decision contexts.

Through this research, the author developed novel modeling paradigms, advanced solution methods, and identified interesting insights in the contexts of inventory, routing, and financial portfolio management.

Despite the computational challenges, this thesis proposes algorithmic approaches based on robust optimization to address these problems and apply them to various practical domains, such as inventory management, portfolio selection, and the shortest path problem.

- › Research director: Erick Delage
- › Co-research director: Angelos Georghiou (University of Cyprus)



The thesis of **Mireille Mercier-Roy** is titled *«L'organisation des relations multiespèces au temps de l'Anthropocène – Une approche compositionniste»*.

Composed of two scientific articles, this thesis considers organizational challenges involving other species, particularly animals, that are conducive to increasing the complexity of management efforts.

This thesis criticizes the anthropocentric nature of conceptual frameworks in organizational theory, drawing on the work of philosophers Donna Haraway and Vinciane Despret, to formulate an approach that better accounts for the presence and participation of other species in organizational processes.

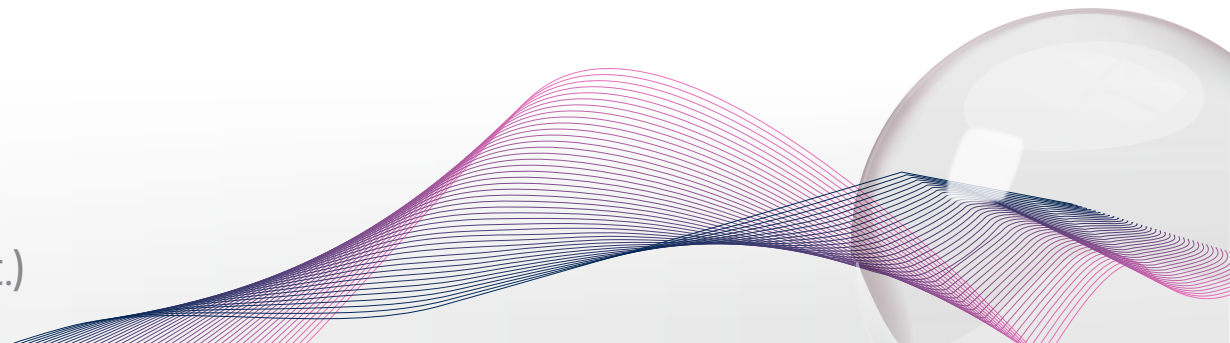
She develops a "compositionist" perspective, which considers organizations as multispecies communities and decentres itself from humans and their doings, offering an alternative way of understanding and managing the interactions between different living entities.

The author illustrates this approach by reconceptualizing grand challenges as a process of arbitration between modes of existence, and by analyzing a controversy over the management of an urban park to explore political work and organizational dynamics and define the modalities of inclusion and exclusion of species in shared space.

- › Research director: Chantale Mailhot



# Awards for master's and doctoral theses (cont.)



## Award

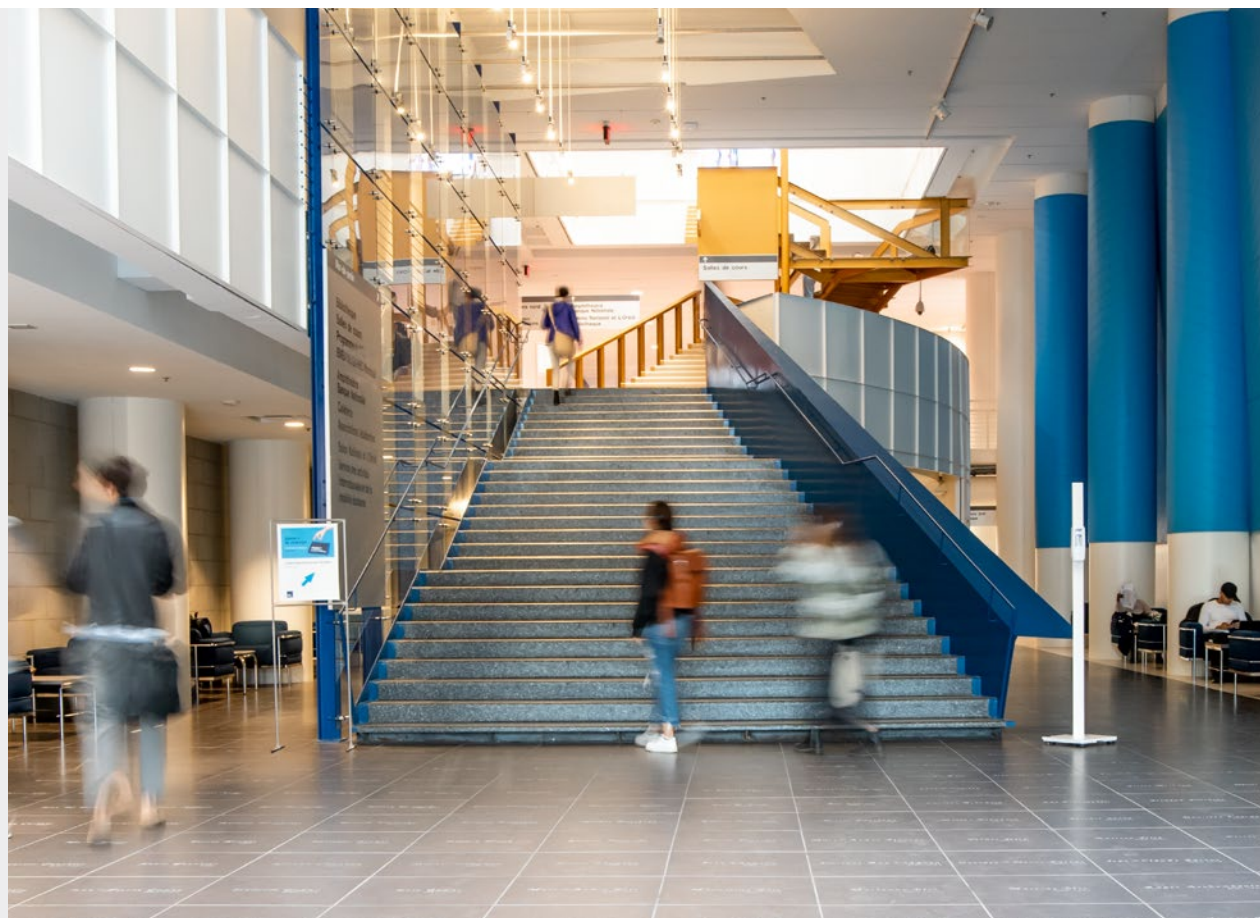
### Best Master's Thesis



The master's thesis of **Laurie-Anne St-Pierre** is titled « *L'effet du quartier : une analyse de la microgéographie des processus d'échange de connaissances* ».

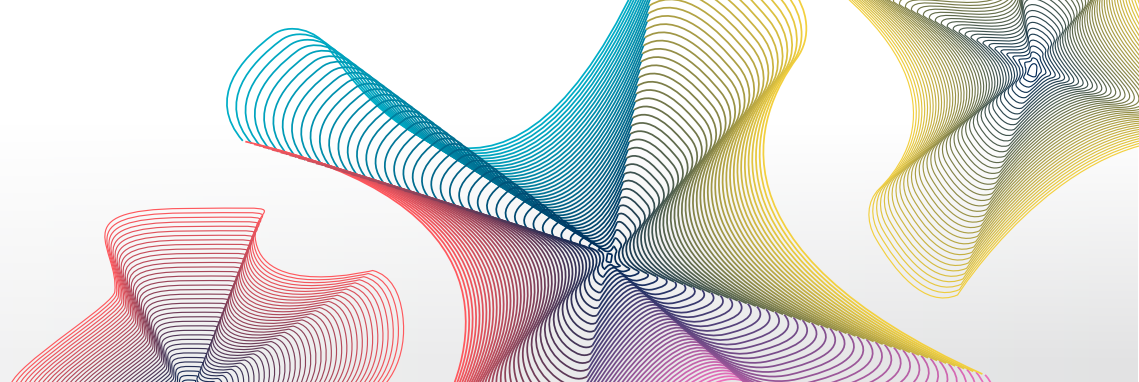
This research deals with the role of microgeography in knowledge exchanges, focusing on two Montréal neighbourhoods, Mile-End and Chabanel. The comparative study seeks to understand the role of the neighbourhood and geographical proximity in bringing together different stakeholders and promoting exchanges. Its purpose is also to explore how third spaces in neighbourhoods promote knowledge exchanges between actors from different industries.

- › Research director: David Doloreux
- › Co-research director: Anthony Frigon





# 36 research chairs



## 8 Canada Research Chairs

- › Canada Research Chair in Supply Chain Analytics  
Yossiri Adulyasak
- › Canada Research Chair in Humanitarian Supply Chain Analytics  
Marie-Ève Rancourt
- › Canada Research Chair in Digital Communication and Multitasking  
Ann-Frances Cameron
- › Canada Research Chair in Economy  
Decio Coviello
- › Canada Research Chair in Risk Management  
Georges Dionne
- › Canada Research Chair in Consumer Decision-Making  
Marcelo Vinhal Nepomuceno
- › Canada Research Chair in Decision Making under Uncertainty  
Erick Delage
- › Canada Research Chair in Enterprise Social Media and Digital Collaboration  
Wietske Van Osch

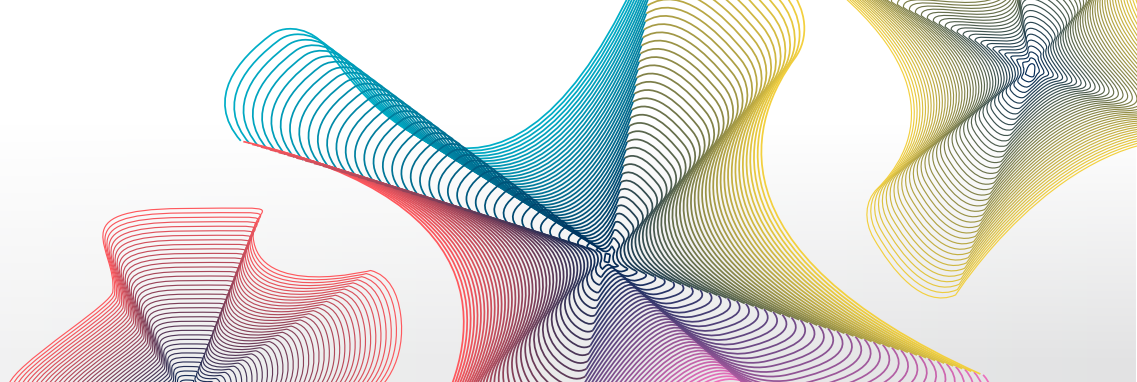
## 28 other research chairs

- › RBC Financial Group Chair of E-commerce  
Sylvain Sénécal
- › Omer DeSerres Chair of Retailing  
Yany Grégoire
- › Carmelle and Rémi Marcoux Chair in Arts Management  
François Colbert
- › Chair in Energy Sector Management  
Pierre-Olivier Pineau
- › Chair in Strategic Management of Information Technology  
Suzanne Rivard
- › Stephen-A.-Jarislowsky Chair in Governance  
Claude Francoeur
- › Chair in Supply Chain Operations Planning  
Raf Jans
- › Chair in Macroeconomic Stabilization Policies  
Nora Traum
- › Research Chair in Digital Health  
Guy Paré
- › Jacques-Parizeau Research Chair in Economic Policy  
Pierre-Carl Michaud
- › SCALE AI Research Chair in Artificial Intelligence for Urban Mobility and Logistics  
Carolina Osorio
- › Research Chair in the Demolinguistic Situation and Language Policies in Quebec\*  
Sébastien Arcand and Richard Marcoux (Université Laval)
- › Chair in Game Theory and Management  
Georges Zaccour
- › Rogers-J.-A.-Bombardier Chair in Entrepreneurship  
Denis Grégoire
- › Research Chair in User Experience  
Pierre-Majorique Léger
- › iA Financial Group Chair in Sustainable Finance  
Iwan Meier
- › Chair in the Management of Employee Commitment and Performance  
Christian Vandenberghe
- › Chair in Work Team Management and Effectiveness  
Caroline Aubé
- › Chair in Innovation and Regional Development  
David Doloreux
- › Canada-CIFAR Artificial Intelligence Chair (CCAI)  
Jian Tang
- › Canada-CIFAR Artificial Intelligence Chair (CCAI)  
Laurent Charlin
- › Chair in Logistics and Transportation  
Jean-François Cordeau
- › Chair in Mobilization of Individuals, Groups and Organizations  
Michel Tremblay
- › Chair in Global Innovation Networks  
Ekaterina Turkina
- › FRQ-IVADO Chair in Data Science  
Aurélien Labbe
- › CPA International Research Chair in Management Control  
Samuel Sponem
- › Power Corporation of Canada Chair in Employer-Employee Dynamics, Earnings and Benefits  
Benoit Dostie
- › Chair of Succession and Family Enterprise  
Isabelle Le Breton-Miller

\* Nouvelle chaire en 2023-2024



# 44 groups, hubs, and partners



## 26 Research groups and transfer hubs

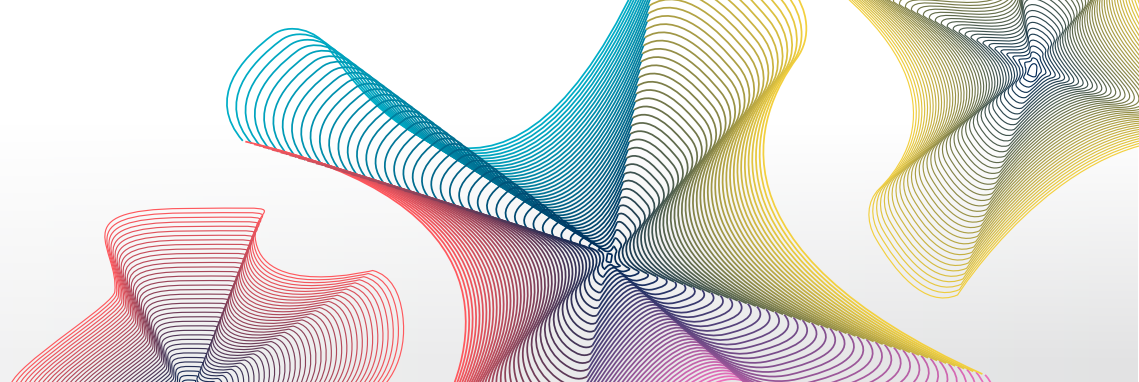
- › Arpège—Research Hub on Management Education
- › Supply Chain Forum
- › Centre for Research on Organizational Transformation (CETO)
- › Centre for Research on Organization, Strategy and Governance
- › Pierre Péladeau Center - Leadership and Management
- › Centre for Productivity and Prosperity - Walter J. Somers Foundation (CPP)
- › Strategy as Practice Study Group (GéPS)
- › International Business Research Group (GRAI)
- › Research Group on Information Systems (GReSI)
- › IDEOS - Socially Responsible Organizations Hub
- › Canadian Derivatives Institute
- › Sales Institute
- › International Institute of Economic Diplomacy
- › Alphonse Dorimène Desjardins International Institute for Cooperatives
- › Retirement and Savings Institute
- › Computing and Data Mining Laboratory (LACED)
- › Financial Education Lab
- › ERPsim Lab
- › Mosaic - Creativity & Innovation Hub
- › Top Executives and Strategic Management Hub
- › e3 Hub - Expertise in Energy and Environment
- › Entrepreneurship Hub
- › Media Hub
- › Health Care Management Hub
- › Sports Hub
- › Tech3Lab

## 18 Groups and partners

- › Centre d'expertise en gestion de l'innovation en santé orientée sur la valeur (CEGISOV)
- › Interuniversity Research Centre on Globalization and Work (CRIMT)
- › Centre for Research on Social Innovations (CRISES)
- › Centre for Interuniversity Research and Analysis on Organizations (CIRANO)
- › Interuniversity Research Centre on Enterprise Networks, Logistics and Transportation (CIRRELT)
- › Quebec Inter-university Centre for Social Statistics (QICSS)
- › Centre recherche mathématique (CRM)
- › Group for Research in Decision Analysis (GERAD)
- › Research Institute on Resilient and Circular Infrastructure
- › Institut du Québec (IDQ)
- › Multidisciplinary Institute for Cybersecurity and Cyber Resilience (IMC<sup>2</sup>)
- › TransMedTech Institute (iTMT)
- › IVADO
- › Mila - Quebec Artificial Intelligence Institute
- › Observatory on the Societal Impacts of AI and Digital Technologies (OBVIA)
- › Québec Circular Economy Research Network (RRECQ)
- › Road Safety Research Network (RRSR)
- › Réseau francophone international en conseil scientifique (RFICS)



# 33 research professorships



- › **Supply Chain Canada Professorship\***  
Claudia Rebolledo
- › **Research Professorship in Management Consulting**  
Alaric Bourgoin
- › **Desjardins Research Professorship in Personal Finance**  
Philippe d'Astous
- › **Research Professorship in Responsible Adoption and Diffusion of Information Technologies**  
Camille Grange
- › **Research Professorship in Financial Big Data Analysis**  
Vincent Grégoire
- › **Research Professorship in Clean Transportation Analytics**  
Jorge Mendoza Gimenez
- › **Desjardins - HEC Research Professorship in Entrepreneurial Learning**  
Jean-François Harvey
- › **Research Professorship in Audit, Governance and Society**  
Anna Samsonova-Taddei
- › **Research Professorship in Development of Accounting Expertise\***  
Mouna Hazgui
- › **Research Professorship in Information Technology Development and Use**  
Bogdan Negoita
- › **Research Professorship in Ecosystems and Practices of Systems Development\***  
Gregory Vial
- › **Research Professorship in Team Efficiency\***  
Bruno Lussier
- › **Research Professorship in Quantitative Corporate Finance**  
Pascal François
- › **Research Professorship in Comparative Governance**  
Eduardo Schiehl
- › **Research Professorship in Financial Engineering**  
Geneviève Gauthier
- › **Research Professorship in Innovation in Work Regulation Institutions**  
Christian Lévesque
- › **Research Professorship in Macroeconomics**  
Hafedh Bouakez
- › **Research Professorship in Macroeconomics and International Finance**  
Giacomo Candian
- › **Research Professorship in International Macroeconomics**  
Matteo Cacciatore
- › **Research Professorship in Industrial Organization**  
Mario Samano
- › **Research Professorship in Complex Networks**  
Gilles Caporossi
- › **Research Professorship in Health and Work Climate**  
Denis Chênevert
- › **Research Professorship in Data Science**  
Denis Larocque
- › **Research Professorship in Sentometrics**  
David Ardia
- › **Research Professorship in Statistics**  
Debbie J. Dupuis
- › **Research Professorship in Strategy and Management of Information Systems**  
Ana Ortiz de Guinea
- › **Research Professorship in Technology and Aging**  
Stefan Tams
- › **Research Professorship in Contract and Incentive Theory**  
Nicolas Sahuguet
- › **MOSAIC Research Professorship in Creativity Management**  
Patrick Cohendet and Laurent Simon
- › **Roland Chagnon Research Professorship in Audit**  
Zvi Singer
- › **Roland Chagnon Research Professorship in Accounting and Taxation**  
Suzanne Landry
- › **Research Professorship in Financial Risk Factors and Derivatives**  
Christian Dorion
- › **Research Professorship in Organizational Models and Social Impact**  
Luciano Barin-Cruz





[hec.ca/en/research](https://hec.ca/en/research)