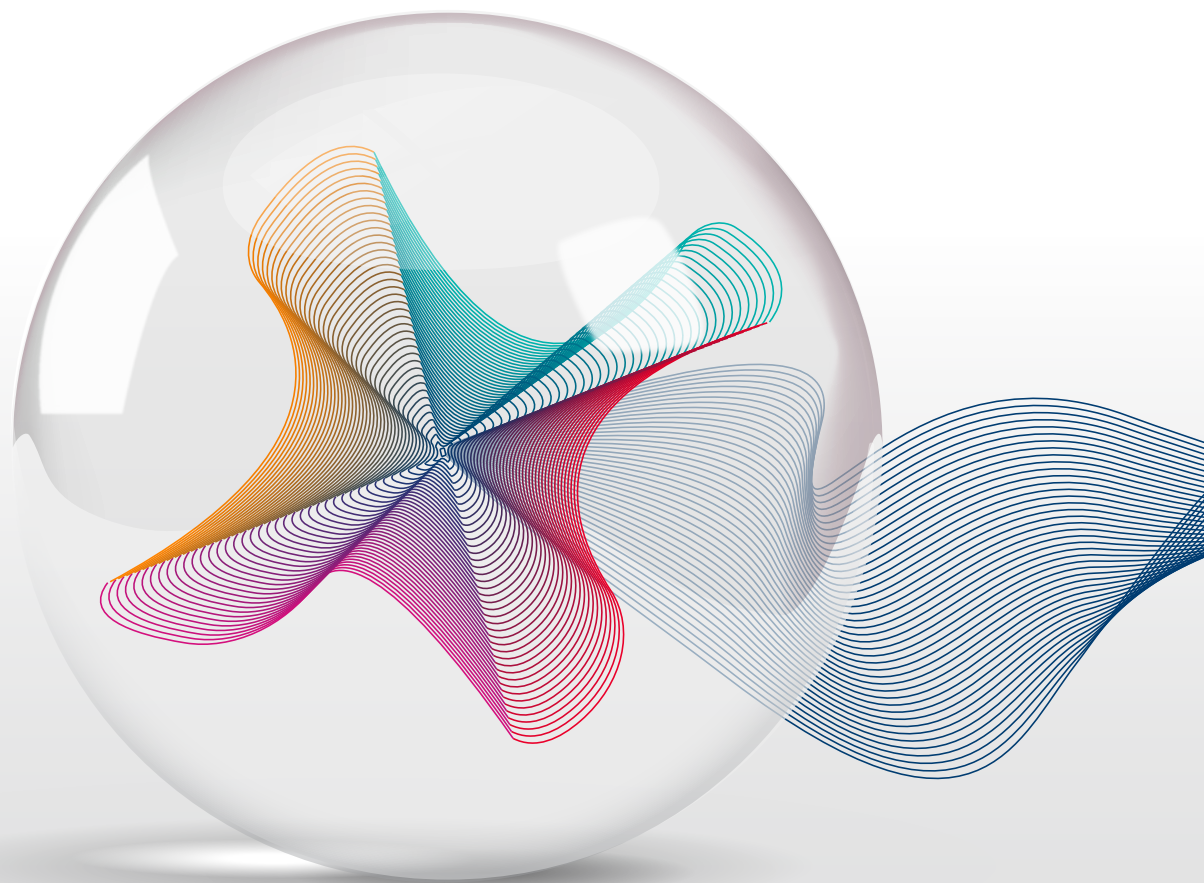




# Office of Research and Knowledge Transfer

—

2021-2022  
Activity Report



# MESSAGE FROM THE DIRECTOR



Dear Members of the HEC Montréal Community,

Our 2021-2022 Activity Report revealed another remarkable year for HEC Montréal's research teams in terms of publication quality and quantity, transfer activities, and research funding. We can all be proud of these results; moreover, I am particularly pleased with the unifying influence that HEC Montréal has not only in the scientific community, but first and foremost in society, and especially in the business community.

HEC Montréal is attuned to the needs of society, as evidenced by our achievements and ongoing projects. We are "on the ground," at the centre of action, working with our partners to identify concrete solutions to the real needs of organizations and our community. Never have we cooperated more with other universities, with governments, and with Canadian and international organizations in different activity sectors.

Despite the major societal challenges we face today, I remain a devout optimist.

Efforts required to build a more prosperous, sustainable, and responsible world are considerable, nevertheless, I deeply believe that we know how to achieve these goals. We already know what is essential. It is through collective mobilization and cooperation that we can overcome these challenges, and HEC Montréal's research teams also clearly understand this.

At HEC Montréal, we have decided to be part of the solution by turning challenges into opportunities. Bravo, and thank you to everyone who, like us, is not giving up on the future and is driving change.

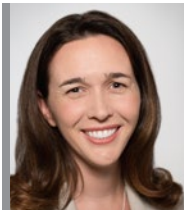
Let us continue to work together!

**Caroline Aubé, PhD**

Full Professor

Director of Research and Knowledge Transfer

# RESEARCH COUNCIL



**Caroline  
Aubé**

Director of  
Research and  
Knowledge  
Transfer



**Guy  
Paré**

PhD Program  
Director



**Sihem  
Taboubi**

MSc Program  
Director



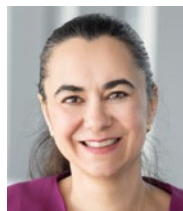
**Sophie  
Briand**

Director of Operations,  
Research and Knowledge  
Transfer Office



**Yves  
Bozec**

Department  
of Accounting Sciences



**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 OFFICE



**Caroline  
Aubé**  
Director



**Sophie  
Briand**  
Director of  
Operations



**Awa  
Diallo**  
Information  
Processing and  
Coordination  
Agent



**Sandra  
Etienne**  
Information  
Processing and  
Coordination  
Agent



**Darquise  
Lafrenière**  
Advisor  
– Research  
Grants and Ethics



**Suzanne  
Lapierre**  
Financial  
Management  
Officer



**Eric  
Lefrançois**  
Senior Advisor –  
Research Grants  
and Ethics



**Olivier  
Marion**  
Research,  
Valorization and  
Transfer Advisor



**Azucena  
Osuna  
Miramontes**  
Administrative  
Officer – Finance



**Lucie  
St Jacques**  
Analyst – Process  
Management



**Paméla  
Trudeau-  
Fisette**  
Advisor  
– Research  
Grants and Ethics

# ACTIVE RSC MEMBERS



Henri Barki



Michèle Breton



Patrick  
Cohendet



François  
Colbert



Jean-François  
Cordeau



Alain d'Astous



Érick Delage



Jacques  
Desrosiers



Georges Dionne



David Doloreux



Taïeb Hafsi



Pierre Hansen



Ann Langley



Gilbert Laporte



Isabelle  
Le Breton-  
Miller



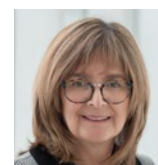
Pierre-Carl  
Michaud



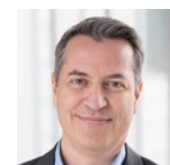
Guy Paré



Suzanne Rivard



Linda Rouleau



Sylvain Sénécal



Jean-Marie  
Toulouse



Christian  
Vandenberghe



Georges  
Zaccour

# RESEARCH AND TRANSFER FIGURES



**\$37.1 M**

RESEARCH AND TRANSFER  
FUNDING

**\$34.6 M** RESEARCH  
FUNDING

**\$2.5 M** TRANSFER  
ACTIVITY FUNDING

**36**

RESEARCH CHAIRS  
INCLUDING  
8 CANADA  
RESEARCH CHAIRS

**30**

RESEARCH GROUPS  
AND TRANSFER HUBS

**\$17.5 M**

IN NEW EXTERNAL GRANTS WHERE  
THE LEAD RESEARCHER IS FROM  
HEC MONTRÉAL

# RESEARCH

	2017 – 2018	2018 – 2019	2019 – 2020	2020 – 2021	2021 – 2022
Faculty members*	247	242	250	265	<b>263</b>
Research chairs	31	35	34	36	<b>36</b>
Research professorships	26	26	31	35	<b>36</b>
Research groups and knowledge transfer hubs**	26	27	27	29	<b>30</b>
Total funding	\$33.6 M	\$32.9 M	\$31.7 M	\$41.6 M	<b>\$37.1 M</b>

\* Assistant, Associate, and Full Professors, except those on leave without pay for the entire year.

\*\* Including 4 strategic clusters.

# NEWS

## HEC Montréal's scientific production made accessible to the public

The Director of Knowledge Transfer partnered with the HEC Montréal Library in September 2021 to launch Réflexion, a platform providing open access to scientific publications based on research conducted at HEC Montréal. In doing so, the school has made the fruit of its researchers' labour available to all, thereby increasing its impact on society and sharing knowledge far and wide.

Several types of publications can be found in the Réflexion platform:

- Journal articles
- Published books
- Book chapters
- Working papers
- Theses and dissertations.

There are currently nearly 7,500 journal articles, more than 3,600 master's theses, more than 450 dissertations, and 1 patent listed in the repository.

## RÉFLÉXION

[reflexion.hec.ca](https://reflexion.hec.ca)

## 2 new chairs

**Canada Research Chair in Humanitarian Supply Chain Analytics**  
Marie-Ève Rancourt

**Canada Research Chair in Enterprise Social Media and Digital Collaboration**  
Wietske Van Osch

## 7 new research professorships

**Research Professorship in International Macroeconomics**  
Giacomo Candian

**Research Professorship in Systematic Risks and the Modeling Returns on Financial Securities**  
Mathieu Fournier

**Research Professorship in Responsible Adoption and Diffusion of Information Technologies**  
Camille Grange

**Research Professorship in Entrepreneurial Learning**  
Jean-François Harvey

**Research Professorship in Information Technology Development**  
Bogdan Negoita

**Research Professorship in Audit, Governance and Society**  
Anna Samsonova-Taddei

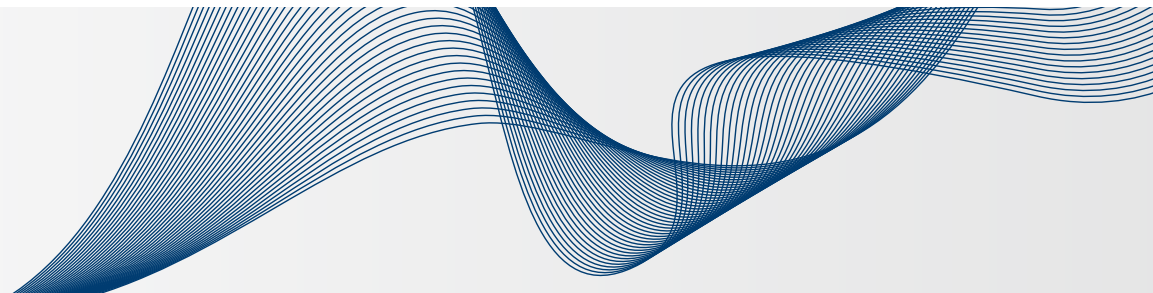
**Lallemand – Marcel and Roland-Chagnon Professorship**  
Hinrich Voss

## Réseau de recherche en économie circulaire du Québec (RRECQ)

Professor Emmanuel Raufflet, from the Department of Management, is a co-director of the new Réseau de recherche en économie circulaire du Québec (RRECQ) – a circular economy research network. He is in charge of the change and transition component. The network was developed through a consortium between HEC Montréal, ÉTS, Université Laval and Polytechnique Montréal, with support from the Center for Intersectoral Studies and Research on the Circular Economy.



# EQUITY, DIVERSITY, AND INCLUSION IN RESEARCH



## Equity, diversity, and inclusion (EDI) training:

At present, 50% of faculty members directing a research unit (chair, hub, or group) have completed EDI training. This training covers EDI issues and concepts and equips participants to take action to create more inclusive spaces.

## EDI training in research:

The teams of the Secretary General and the Office of Research and Knowledge Transfer have developed a training course on EDI in research. The purpose of the course is to provide concrete actions that can be used to incorporate EDI into research. In 2021-2022, 17 faculty members took part in a training pilot project. We will continue to roll out the training in 2022-2023.

### PERCENTAGE OF PERSONS FROM DESIGNATED RESEARCH GROUPS APPOINTED TO DIRECT NEW RESEARCH UNITS

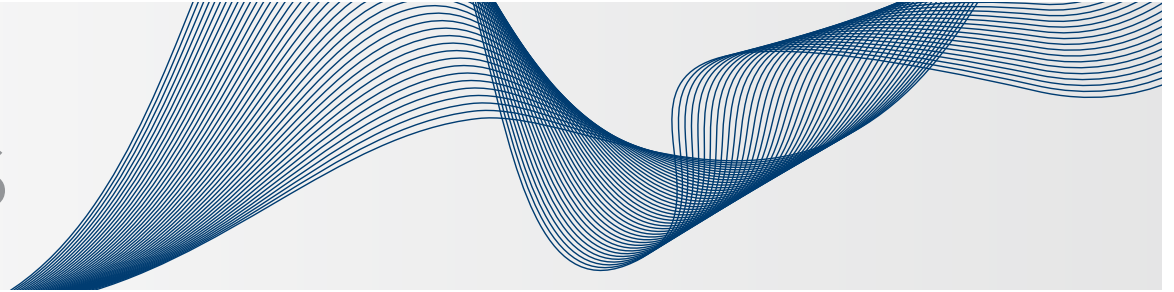
2017 - 2018	2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022
44%	73%	43%	43%	40%

\*Note: Designated groups are women, Indigenous persons, persons with a disability, visible minorities, and ethnic minorities. This definition is based on definitions found in Canada's Employment Equity Act and Quebec's Act Respecting Equal Access to Employment in Public Bodies..



# HEC MONTRÉAL'S RESEARCH AWARDS

2021 Laureates



Pierre-Laurin Award:  
[Georges Zaccour](#)



Education/Gaëtan Morin Award:  
[Yossiri Adulyasak](#)



New Researcher Award:  
[Okan Arslan](#)

# 2021-2022 EXTERNAL RESEARCH AWARDS

## SCIENTIFIC PUBLICATION AWARDS

- › David Ardia
- › Charlotte Cloutier
- › Georges Dionne
- › Gwyneth Edwards
- › Jakub Hajda
- › Mouna Hazgui
- › Isabelle Le Breton-Miller
- › Danny Miller
- › Jean-François Soublière



## CONTRIBUTION TO THE SCHOOL'S RENOWN AWARDS

- › Okan Arslan
- › Guy Paré
- › Benoit Aubert
- › Isabelle Le Breton-Miller
- › Danny Miller
- › Pierre-Carl Michaud
- › Viviana Pilato



Source: The awards listed are those recorded by professors in ZoneRecherche and that pertain to research.  
Research award details are listed in Appendix 1.

# PUBLICATIONS AND EDITORIAL ACTIVITIES



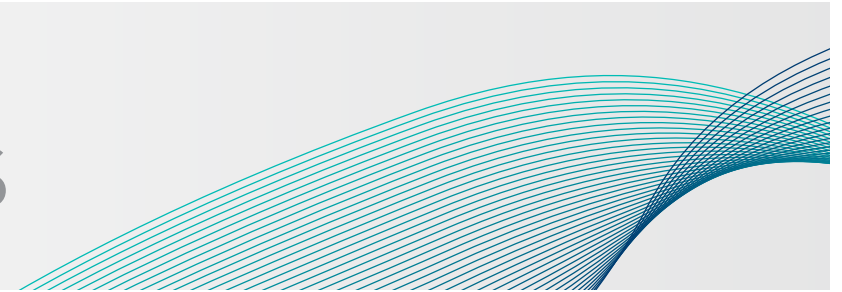
	2017 – 2018	2018 – 2019	2019 – 2020	2020 – 2021	2021 – 2022
<b>Scientific Articles</b>	229	252	252	272	<b>294</b>
<b>Articles in journals on FT or UTD* lists</b>	25	34	26	30	<b>26</b>
<b>Editorial activities</b>	155	143	142	185	<b>199</b>
<b>Books</b>	14	22	16	13	<b>15</b>
<b>Book chapters</b>	77	72	53	86	<b>78</b>

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

The publications and editorial activities of honorary professors and professors emeriti are included.

# PUBLICATIONS IN JOURNALS

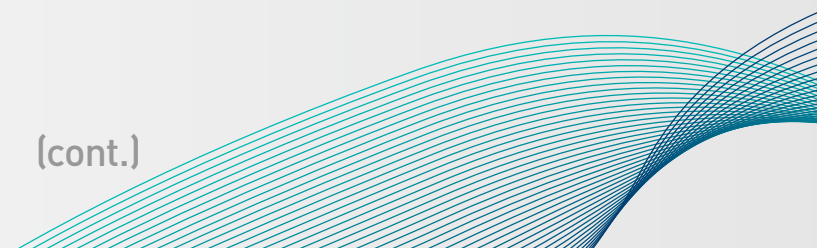
Listed by the Financial Times (FT) and the University of Texas at Dallas (UTD)



PROFESSORS	BIBLIOGRAPHIC REFERENCES
<b>Adulyasak, Yossiri</b>	YU, Qinxiao, ADULYASAK, Yossiri, ROUSSEAU, Louis-Martin, ZHU, Ning, MA, Shoufeng. (2022) Team Orienteering with Time-Varying Profit, INFORMS Journal on Computing, Vol. 34, no 1, p. 262-280
<b>Arellano Caro, Maricela Connie</b>	ARELLANO CARO, Maricela Connie, MEUER, Johannes, NETLAND, Torbjørn. (2021) Commitment follows beliefs: A configurational perspective on operations managers' commitment to practice adoption, Journal of Operations Management, Vol. 67, no 4, p. 450-475
<b>Arslan, Okan</b>	ROSTAMI, Borzou, CHITSAZ, Masoud, ARSLAN, Okan, LAPORTE, Gilbert, LODI, Andrea. (2022) Single Allocation Hub Location with Heterogeneous Economies of Scale, Operations Research, Vol. 70, no 2, p. 766-785
<b>Carrillat, François</b>	MELNYK, Vladimir, CARRILLAT, François, MELNYK, Valentyna. (2022) The Influence of Social Norms on Consumer Behavior: A Meta-Analysis, Journal of Marketing, Vol. 86, no 3, p. 98-120
<b>Carrillat, François</b>	BELLI, Alex, O'ROURKE, Anne-Maree, CARRILLAT, François, PUPOVAC, Ljubomir, MELNYK, Valentyna, NAPOLOVA, Ekaterina. (2022) 40 years of loyalty programs: how effective are they? Generalizations from a meta-analysis, Journal of the Academy of Marketing Science, Vol. 50, no 1, p. 147-173
<b>Delage, Erick</b>	ARDESTANI JAAFARI, Amir, DELAGE, Erick. (2021) Linearized Robust Counterparts of Two-Stage Robust Optimization Problems with Applications in Operations Management, INFORMS Journal on Computing, Vol. 33, no 3, p. 1138-1161
<b>Delage, Erick</b>	DELAGE, Erick, SAIF, Ahmed. (2022) The Value of Randomized Solutions in Mixed-Integer Distributionally Robust Optimization Problems, INFORMS Journal on Computing, Vol. 34, no 1, p. 333-353
<b>Gauthier, Geneviève</b>	AMAYA, Diego, BÉGIN, Jean-François, GAUTHIER, Geneviève. (2022) The Informational Content of High-Frequency Option Prices, Management Science, Vol. 68, no 3, p. 2166-2201
<b>Grégoire, Denis</b>	DAVIDSSON, Per, GRÉGOIRE, Denis, LEX, Maïke. (2021) Venture Idea Assessment (VIA): Development of a needed concept, measure, and research agenda, Journal of Business Venturing, Vol. 36, no 5, p. 1-23
<b>Grégoire, Vincent</b>	GRÉGOIRE, Vincent, MARTINEAU, Charles. (2022) How is Earnings News Transmitted to Stock Prices?, Journal of Accounting Research, Vol. 60, no 1, p. 261-297
<b>Grégoire, Vincent</b>	AKEY, Pat, GRÉGOIRE, Vincent, MARTINEAU, Charles. (2022) Price revelation from insider trading: Evidence from hacked earnings news, Journal of Financial Economics, Vol. 143, no 3, p. 1162-1184
<b>Hazgui, Mouna</b>	HAZGUI, Mouna, BRIVOT, Marion. (2022) Debating Ethics or Risks? An Exploratory Study of Audit Partners' Peer Consultations About Ethics, Journal of Business Ethics, Vol. 175, no 4, p. 741-758
<b>Lin, Luca</b>	ANTÓN, Miguel, AZAR, José, GINE, Mireia, LIN, Luca. (2022) Beyond the target: M&A decisions and rival ownership, Journal of Financial Economics, Vol. 144, no 1, p. 44-66

# PUBLICATIONS IN JOURNALS (cont.)

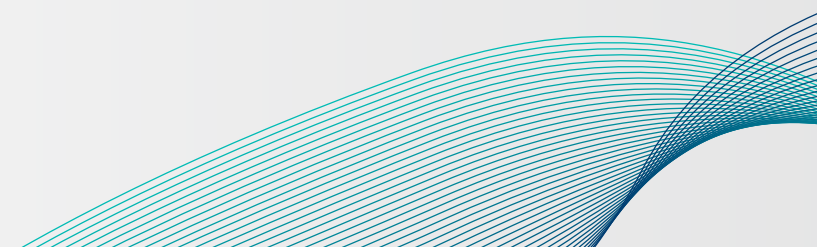
Listed by the Financial Times (FT) and the University of Texas at Dallas (UTD)



PROFESSORS	BIBLIOGRAPHIC REFERENCES
<b>Mendoza Gimenez, Jorge</b>	KULLMAN, Nicholas, FRÖGER, Aurélien, MENDOZA GIMENEZ, Jorge, GOODSON, Justin. (2021) frvcpy: An Open-Source Solver for the Fixed Route Vehicle Charging Problem, INFORMS Journal on Computing, Vol. 33, no 4, p. 1277-1283
<b>Miller, Danny</b>	MIROSHNYCHENKO, Ivan, DE MASSIS, Alfredo, MILLER, Danny, BARONTINI, Roberto. (2021) Family Business Growth Around the World, Entrepreneurship Theory and Practice, Vol. 45, no 4, p. 682-708
<b>Miller, Danny</b>	ANDREWSKI, Goce, MILLER, Danny. (2022) Forbearance: Strategic Nonresponse to Competitive Attacks, Academy of Management Review, Vol. 47, no 1, p. 59-74
<b>Miller, Danny</b>	BIZZI, Lorenzo, MILLER, Danny. (2022) Implementing Project-Based Alliances: Three Paradoxes of Brokerage, Journal of Management, Vol. 48, no 5, p. 1214-1242
<b>Miller, Danny and Le Breton-Miller, Isabelle</b>	MILLER, Danny, LE BRETON-MILLER, Isabelle. (2021) Family Firms: A Breed of Extremes?, Entrepreneurship Theory and Practice, Vol. 45, no 4, p. 663-681
<b>Miller, Danny and Le Breton-Miller, Isabelle</b>	(2021) MILLER, Danny, LE BRETON-MILLER, Isabelle. (2021) Paradoxical Resource Trajectories: When Strength Leads to Weakness and Weakness Leads to Strength, Journal of Management, Vol. 47, no 7, p. 1899-1914
<b>Miller, Danny and Le Breton-Miller, Isabelle</b>	AMORE, Mario Daniele, BENNEDSEN, Morten, LE BRETON-MILLER, Isabelle, MILLER, Danny. (2021) Back to the future: The effect of returning family successions on firm performance, Strategic Management Journal, Vol. 42, no 8, p. 1432-1458
<b>Rancourt, Marie-Ève</b>	RODRIGUEZ PEREIRA, Jessica, BALÇIK KOYUNCU, Burcu, RANCOURT, Marie-Ève, LAPORTE, Gilbert. (2021) A Cost-Sharing Mechanism for Multi-Country Partnerships in Disaster Preparedness, Production and Operations Management, Vol. 30, no 12, p. 4541-4565
<b>Sokolovski, Valeri</b>	AUGUSTIN, Patrick, SOKOLOVSKI, Valeri, SUBRAHMANYAM, Marti G., TOMIO, Davide. (2022) In sickness and in debt: The COVID-19 impact on sovereign credit risk, Journal of Financial Economics, Vol. 143, no 3, p. 1251-1274
<b>Sokolovski, Valeri</b>	KARMAZIENE, Egle, SOKOLOVSKI, Valeri. (2022) Short-Selling Equity Exchange Traded Funds and Its Effect on Stock Market Liquidity, Journal of Financial and Quantitative Analysis, Vol. 57, no 3, p. 923-956
<b>Tams, Stefan</b>	TAMS, Stefan. (2022) Helping Older Workers Realize Their Full Organizational Potential: A Moderated Mediation Model of Age and IT-Enabled Task Performance, MIS Quarterly, Vol. 46, no 1, p. 1-33
<b>Tessier, Sophie</b>	VAĪSÄNEN, Marjo, TESSIER, Sophie, JÄRVINEN, Janne. (2021) Fostering Enabling Perceptions of Management Controls during Post-Acquisition Integration, Contemporary Accounting Research, Vol. 38, no 2, p. 1341-1367
<b>Zhang, Zhe</b>	ZHANG, Zhe, PATRICK, Vanessa M. (2021) Mickey D's Has More Street Cred Than McDonald's: Consumer Brand Nickname Use Signals Information Authenticity, Journal of Marketing, Vol. 85, no 5, p. 58-73

# EDITORIAL ACTIVITIES FOR JOURNALS

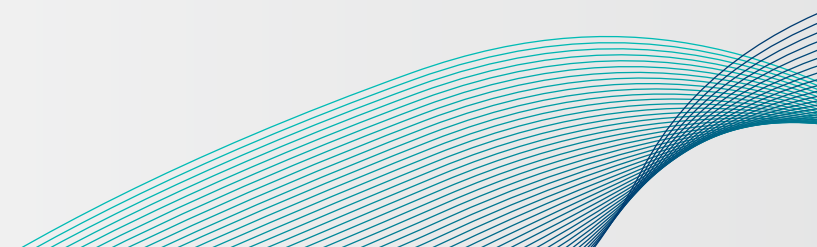
Listed by the Financial Times (FT) and the University of Texas at Dallas (UTD)



PROFESSORS	JOURNALS
Adulyasak, Yossiri (Associate Editor)	INFORMS Journal on Computing
Carrillat, François (Member of the Editorial Committee)	Journal of the Academy of Marketing Science
Cloutier, Charlotte (Member of the Editorial Committee)	Academy of Management Journal
Delage, Erick (Associate Editor)	Operations Research
Delage, Erick (Associate Editor)	Management Science
Delage, Erick (Associate Editor)	Manufacturing & Service Operations Management
Dubé, Line (Member of the Editorial Committee)	Journal of Management Information Systems
Grégoire, Denis (Member of the Editorial Committee)	Entrepreneurship Theory and Practice
Grégoire, Denis (Member of the Editorial Committee)	Journal of Business Venturing
Grégoire, Denis (Associate Editor)	Academy of Management Journal
Grégoire, Denis (Member of the Editorial Committee)	Journal of Management Studies
Grégoire, Denis (Member of the Editorial Committee)	Strategic Entrepreneurship Journal
Grégoire, Denis (Member of the Editorial Committee)	Journal of International Business Studies
Grégoire, Yany (Member of the Editorial Committee)	Journal of the Academy of Marketing Science
Gruber, Verena (Member of the Editorial Committee)	Journal of Business Ethics
Harvey, Jean-François (Member of the Editorial Committee)	Human Relations

# EDITORIAL ACTIVITIES FOR JOURNALS (cont.)

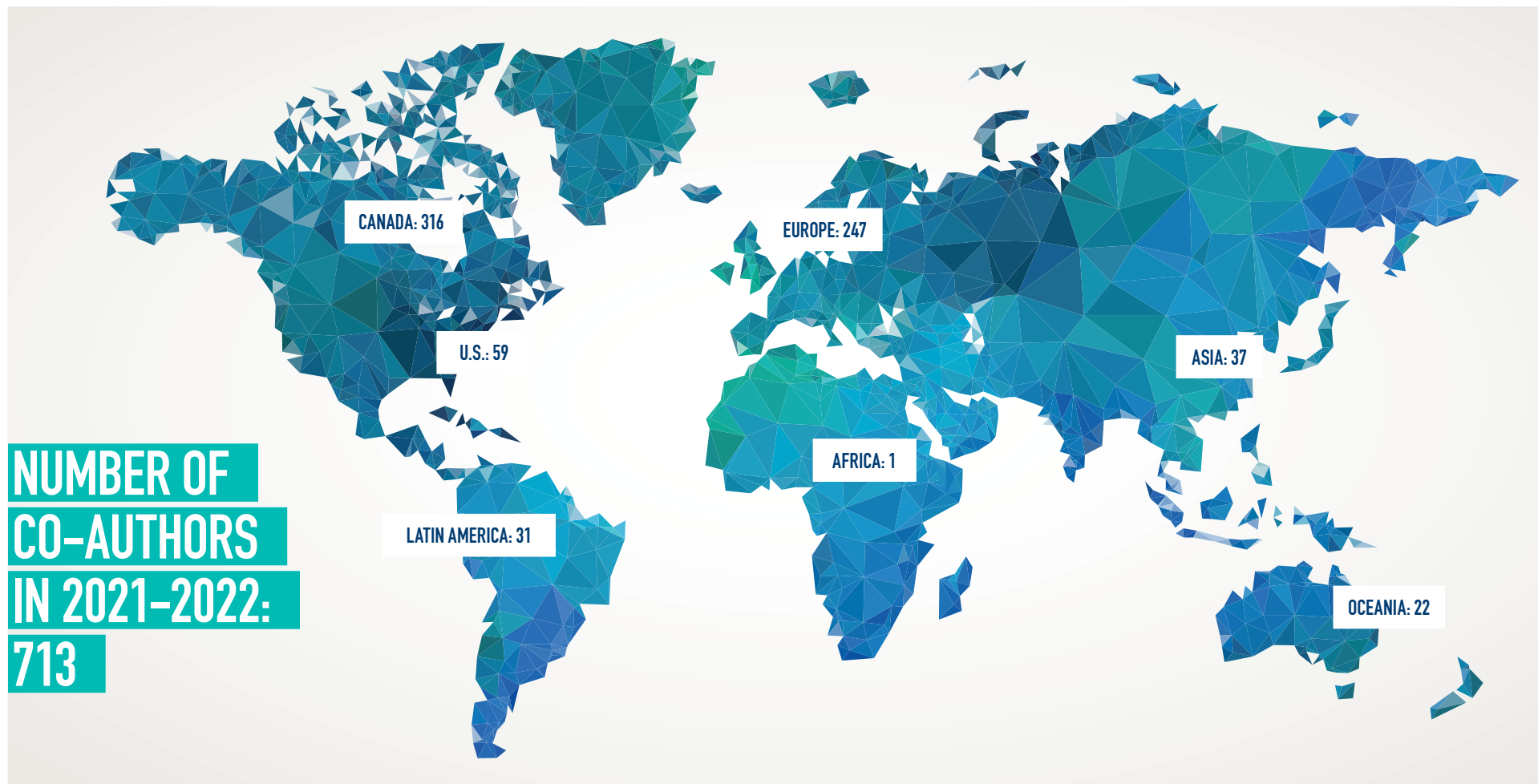
Listed by the Financial Times (FT) and the University of Texas at Dallas (UTD)



PROFESSORS	JOURNALS
Langley, Ann (Member of the Reading Committee)	Administrative Science Quarterly
Langley, Ann (Member of the Editorial Committee)	Academy of Management Journal
Langley, Ann (Member of the Reading Committee)	Organization Science
Laporte, Gilbert (Associate Editor)	Operations Research
Le Breton-Miller, Isabelle (Member of the Editorial Committee)	Entrepreneurship Theory and Practice
Marcoux, Jean-Sébastien (Member of the Orientation Board)	Journal of Consumer Research
Miller, Danny (Editor)	Entrepreneurship Theory and Practice
Rivard, Suzanne (Associate Editor)	Journal of Management Information Systems
Rouleau, Linda (Senior Associate Editor)	Organization Studies
Rouleau, Linda (Member of the Strategic Advisory Board)	Journal of Management Studies
Soublière, Jean-François (Member of the Reading Committee)	Administrative Science Quarterly
Soublière, Jean-François (Member of the Reading Committee)	Organization Studies
Soublière, Jean-François (Member of the Reading Committee)	Journal of Business Venturing
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

# NUMBER AND ORIGINS OF CO-AUTHORS

Who published with HEC Montréal professors from 2021-2022



# IMPACT OF PUBLICATIONS

Full Professors

**18** FULL PROFESSORS\*  
WERE CITED MORE  
THAN  
**5,000** TIMES,  
INCLUDING 7 PROFESSORS  
MORE THAN  
**15,000** TIMES

## 18 MOST CITED PROFESSORS\*\* :

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



H-INDEX SCORES FOR THESE  
18 PROFESSORS RANGE BETWEEN

**23** AND **113**

Source: Google Scholar (September 2022)

\* Professors retired as of Fall 2022 are not listed.

\*\* Professors are listed in alphabetical order.

\*\*\* These professors have been cited more than 15,000 times.

# IMPACT OF PUBLICATIONS

Assistant and Associate Professors

**17** ASSISTANT AND  
ASSOCIATE PROFESSORS  
WERE CITED MORE THAN  
**1,500** TIMES  
INCLUDING 8 PROFESSORS  
MORE THAN  
**2 000** TIMES

Source: Google Scholar (September 2022)

\* Professors are listed in alphabetical order.

\*\* These professors have been cited more than 2,000 times.

## THE 17 MOST CITED PROFESSORS\*

- › Yossiri Adulyasak
- › Marine Agogu 
- › David Ardia\*\*
- › Amir Barnea\*\*
- › Ann-Frances Cameron\*\*
- › Laurent Charlin\*\*
- › Constantinos Coursaris\*\*
- › Decio Coviello
- › Verena Gruber
- › Jorge E. Mendoza
- › Ana Ortiz de Guinea\*\*
- › Caroline Osorio
- › Jian Tang\*\*
- › Ryad Titah
- › Ekaterina Turkina
- › Gregory Vial\*\*
- › Rafael Ziegler



H-INDEX SCORES FOR THESE  
17 PROFESSORS RANGE BETWEEN

**6** AND **36**

# REACH OF RESEARCH

The most read articles in La Conversation in 2021-2022



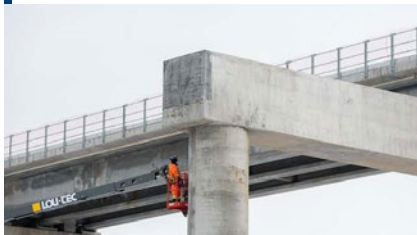
**Les cadeaux font-ils vraiment le bonheur des enfants ?**

- › Dania Mouakhar-Klouz, Université de Rouen Normandie
- › **Alain d'Astous**, Honorary Professor of Marketing



**Canadians want home care, not long-term care facilities, after COVID-19**

- › Marie-Louise Leroux, Université du Québec à Montréal
- › **Bertrand Achou**, Associate Researcher at the Retirement and Savings Institute, HEC Montréal
- › **Franca Glenzer**, Assistant Professor, Department of Finance
- › Minjoon Lee, Carleton University
- › Philippe De Donder, École d'Économie de Toulouse



**Acceptabilité sociale : il faut repenser la gouvernance des grands projets publics**

- › **Maude Brunet**, Assistant Professor, Department of Management



**Les montres intelligentes sont une plus grande distraction pour les conducteurs que les téléphones mobiles**

- › **Pierre-Majorique Léger**, Full Professor, Department of Information Technology
- › **Sylvain Sénécal**, Full Professor, Department of Marketing

21 articles published between June 1, 2021 and May 31, 2022 were viewed 211,000 times.

**LA CONVERSATION**

# REACH OF RESEARCH ON SOCIAL MEDIA

**210**  
POSTS\*

WITH

**1,3 M**  
PEOPLE REACHED

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



NUMBER OF POSTS: 61  
NUMBER OF PEOPLE  
REACHED: 392,000



NUMBER OF POSTS: 72  
NUMBER OF PEOPLE  
REACHED: 766,000



NUMBER OF POSTS: 77  
NUMBER OF PEOPLE  
REACHED: 105,000

\*Messages published on social media between June 1, 2021 and May 31, 2022.

# WORLD RANKING



IN 2022, HEC MONTRÉAL RANKED

IN THE TOP  
100 MANAGEMENT  
SCHOOLS IN THE WORLD

FOR ITS CONTRIBUTION  
TO RESEARCH.

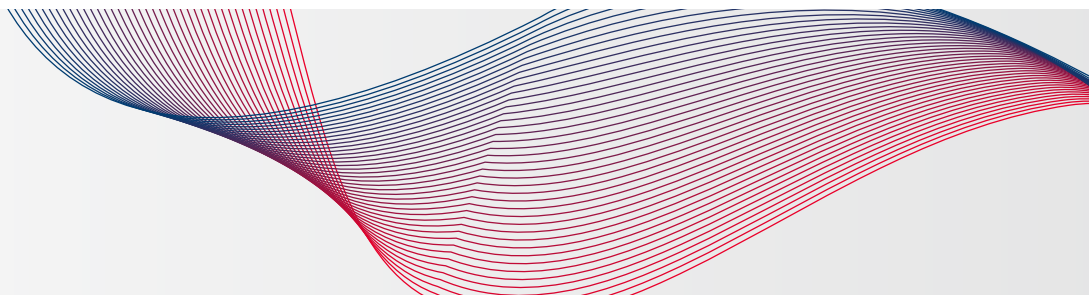
In the 2021-22  
University of Texas in  
Dallas ranking



Method: The calculation is based on the number of publications from January to September 2022 in 24 of the most prestigious scientific journals in management in the world. One point, divided by the number of authors, is given for each article published by a researcher affiliated with a management school. The total number of points determines each 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 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.

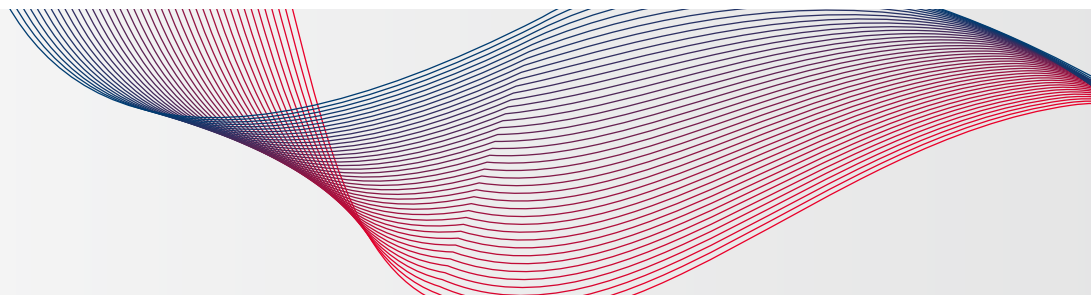
# RESEARCH FUNDING STATISTICS



FUNDING SOURCES	2017 2018	2018 2019	2019 2020	2020 2021	2021 2022
Federal government	\$11,848	\$11,469	\$12,192	\$21,229	<b>\$17,043</b>
Non-profit organizations	\$4,193	\$5,149	\$4,963	\$4,883	<b>\$5,020</b>
HEC Montréal	\$4,525	\$4,374	\$4,405	\$4,951	<b>\$4,678</b>
Provincial government	\$6,561	\$5,908	\$4,153	\$4,294	<b>\$4,094</b>
For-profit businesses	\$3,862	\$3,303	\$3,637	\$2,286	<b>\$3,344</b>
Municipal government		\$75	\$41	\$296	
Other academic institutions	\$173	\$244	\$189	\$52	<b>\$201</b>
Research groups and transfer hubs				\$15	<b>\$35</b>
Other (private donations)	\$34	\$3	\$3	\$48	<b>\$138</b>
<b>TOTAL</b>	<b>\$31,195</b>	<b>\$30,525</b>	<b>\$29,583</b>	<b>\$38,053</b>	<b>\$34,552</b>

Amounts rounded to nearest thousand dollars.

# TRANSFER ACTIVITIES STATISTICS

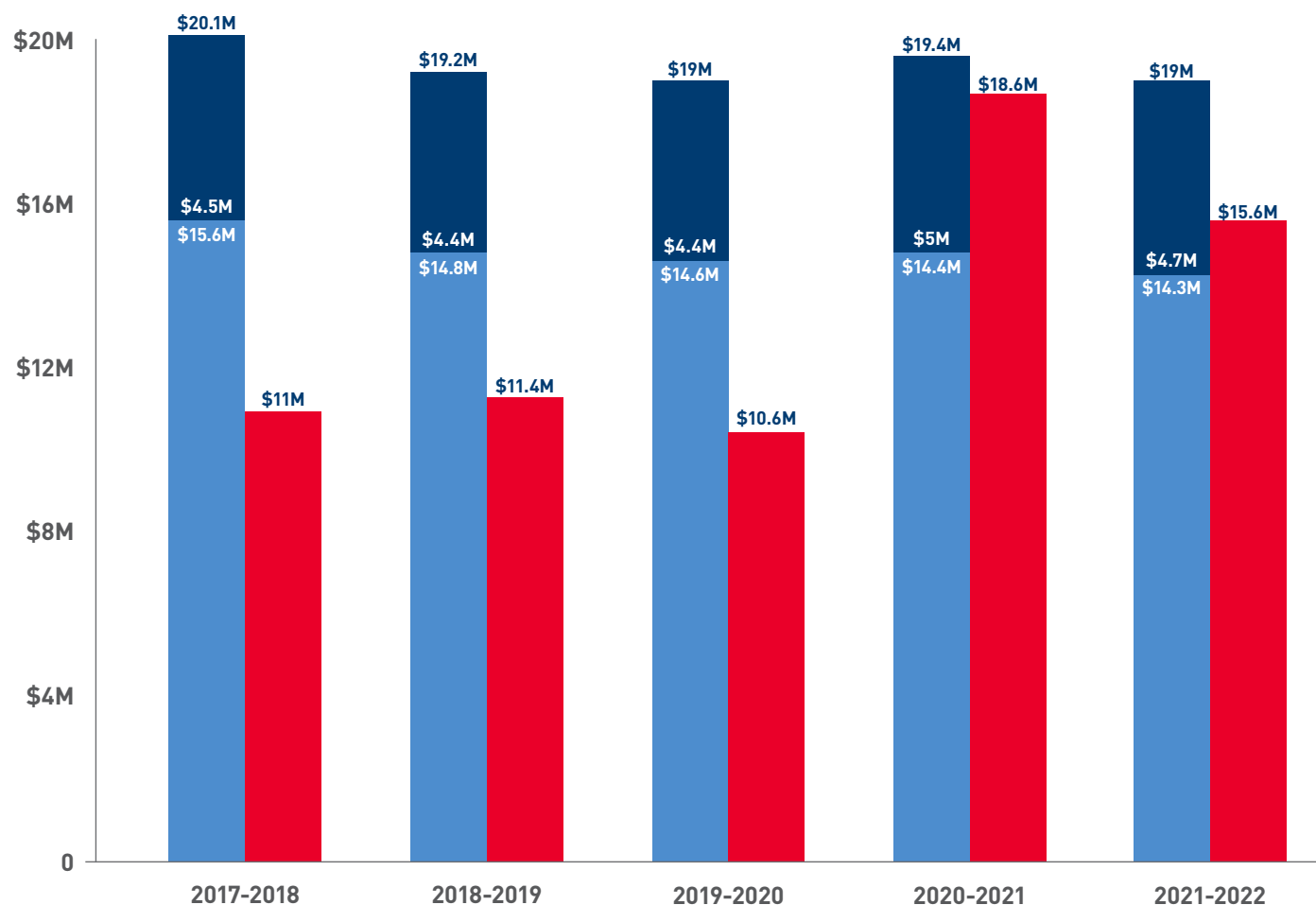


TYPE OF FUNDING (AMOUNTS RECEIVED)	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Partner agreements and service agreements with the community	\$670	\$504	\$324	\$948	<b>\$894</b>
Knowledge transfer grants	\$103	\$209	\$306	\$1,009	<b>\$644</b>
Donations to hub transfer activities	\$1,593	\$1,681	\$1,528	\$1,605	<b>\$1,003</b>
<b>TOTAL</b>	<b>\$2,366</b>	<b>\$2,394</b>	<b>\$2,158</b>	<b>\$3,562</b>	<b>\$2,541</b>

TYPE OF FUNDING (NUMBER)	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Partner agreements and service agreements with the community	23	20	19	29	<b>34</b>
Knowledge transfer grants	9	9	9	12	<b>16</b>
Donations to hub transfer activities	10	10	10	11	<b>23</b>
<b>TOTAL</b>	<b>42</b>	<b>39</b>	<b>38</b>	<b>52</b>	<b>73</b>

Amounts rounded to nearest thousand dollars..

# RESEACH FUNDING STATISTICS PER RECIPIENT INSTITUTIONS



## HEC Montréal:

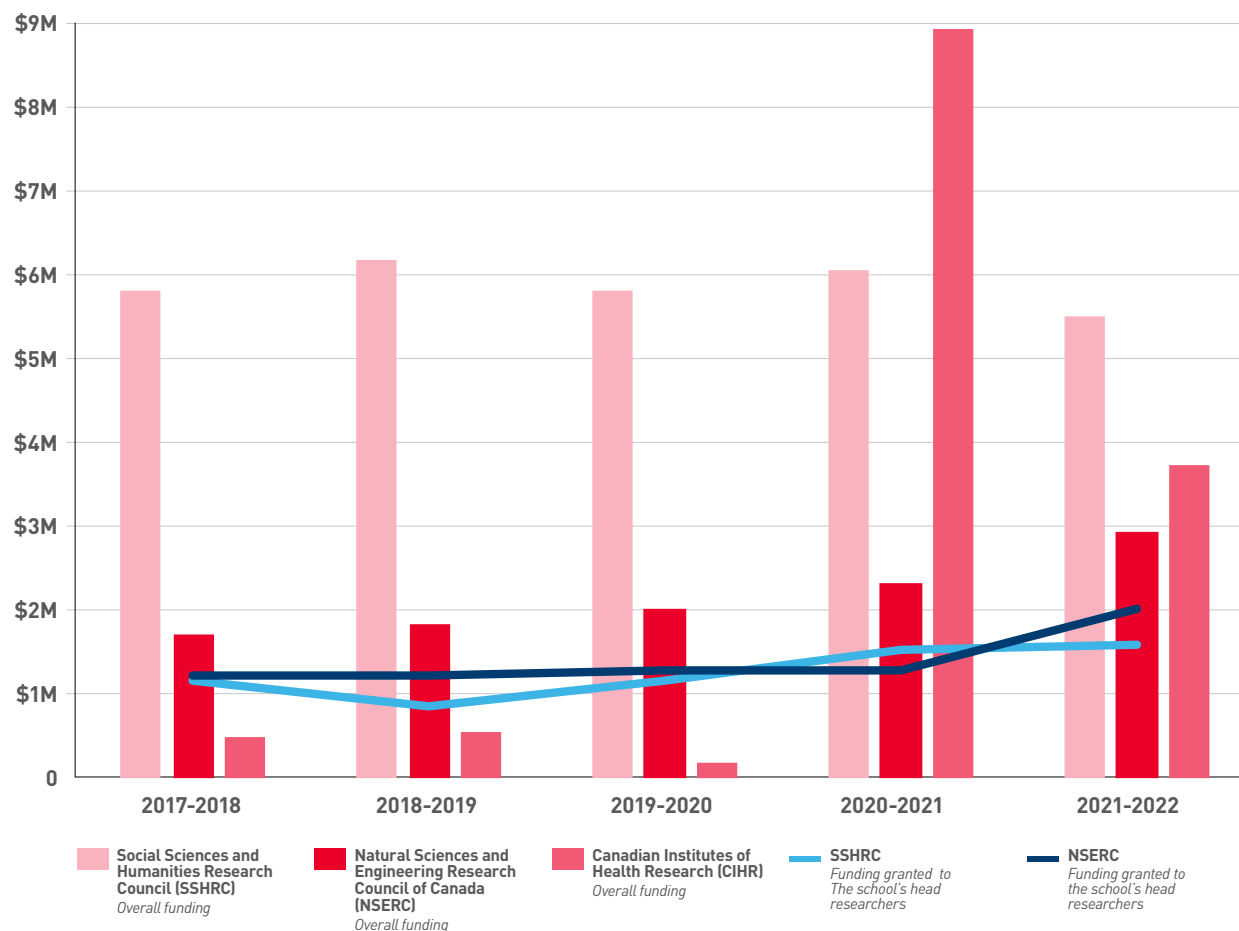
- External funding
- Internal funding

## Other recipient institutions:

- › Funding granted to other universities when at least one HEC Montréal professor is involved in the research.
- › In 2021-2022, other recipient institutions were primarily:
  - › Mila – Quebec Artificial Intelligence Institute 21%
  - › Université de Sherbrooke 19 %
  - › Université de Montréal 15%
  - › Polytechnique Montréal 12%
  - › Université Laval 6%
  - › McGill University 5%
  - › Université du Québec à Montréal 5%

# FEDERAL FUNDING BY TRENDS

From the three major Canadian granting agencies

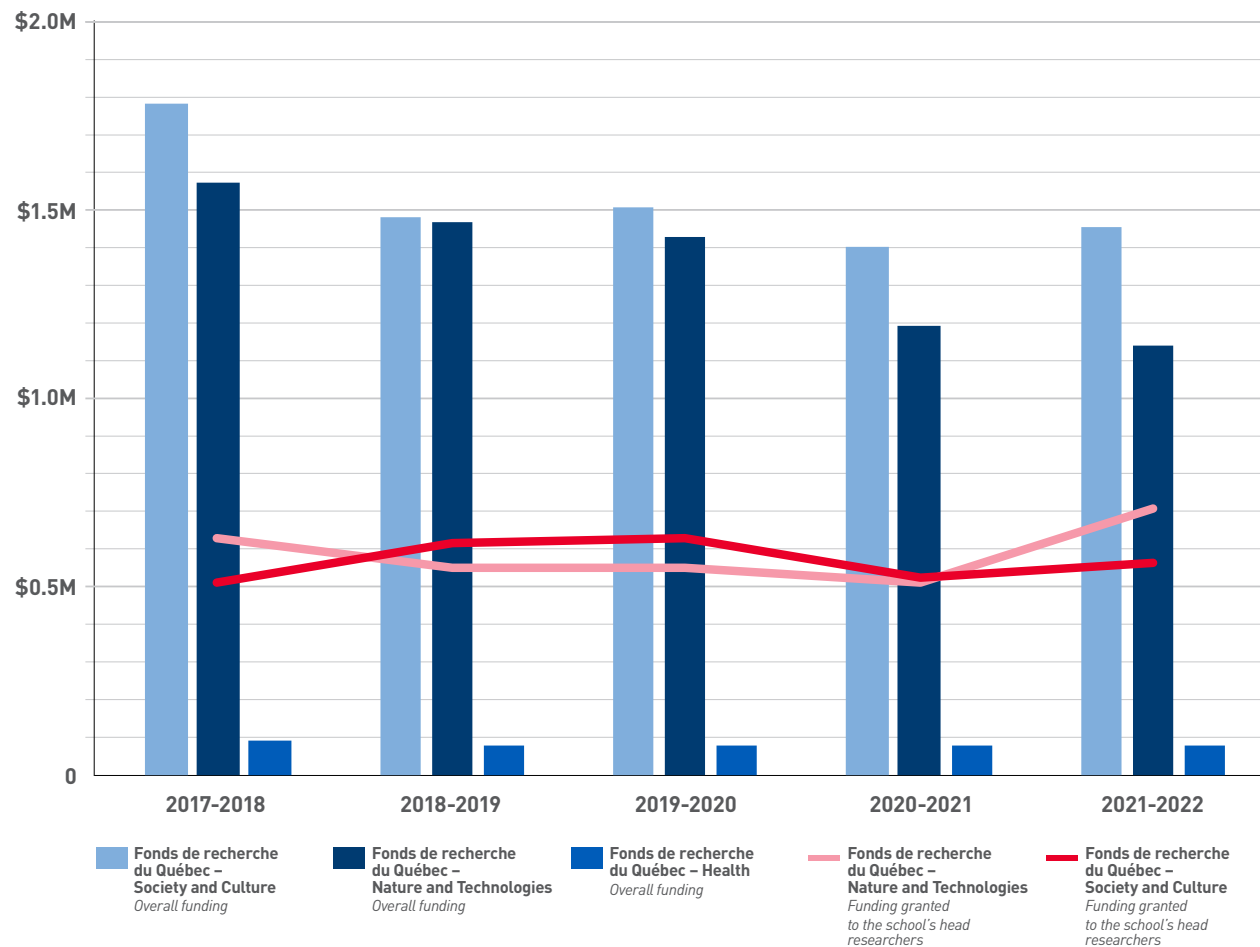


In 2021-2022, lead researchers at HEC Montréal received more federal funding than ever recorded, nearly \$3.7M.

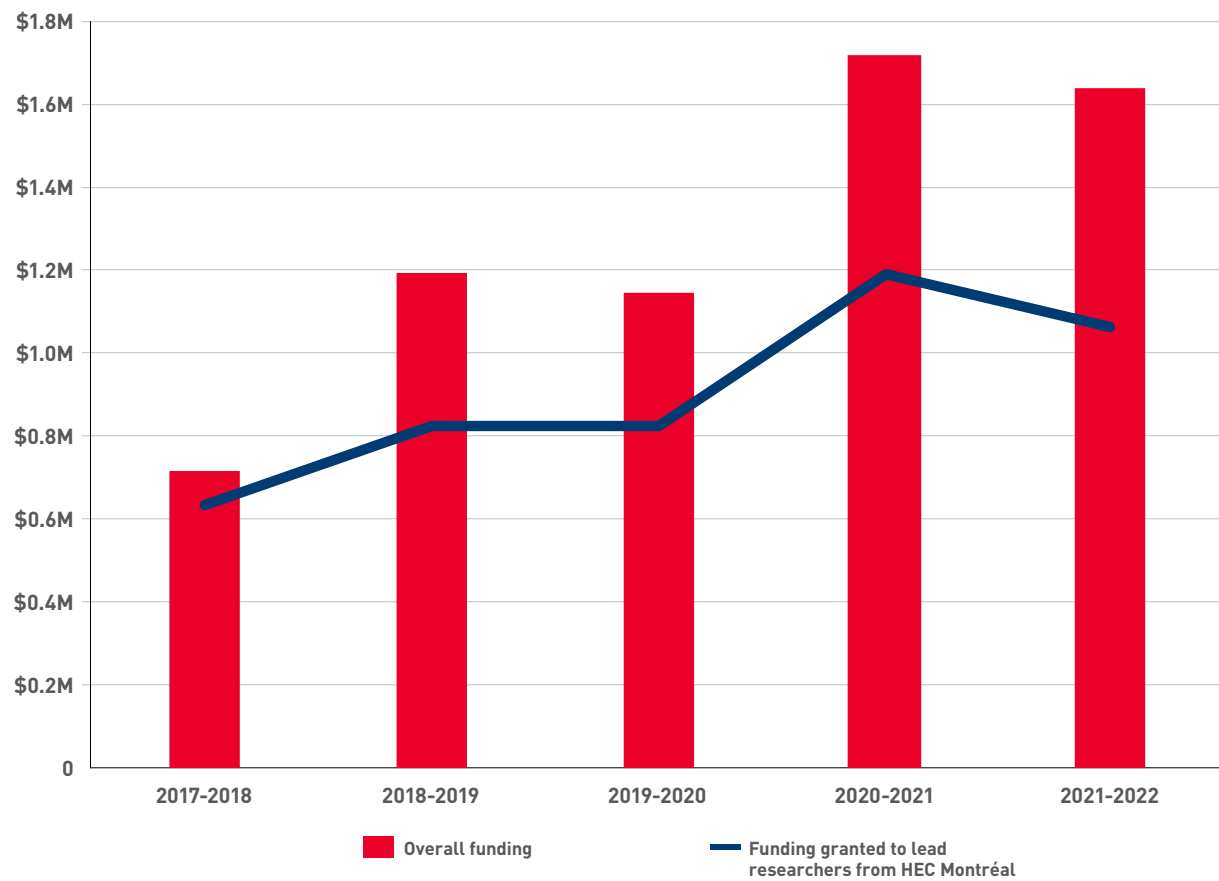
The school's researchers also took part in more CIHR-funded projects than in the previous 2 years.

# FRQ FUNDING BY TRENDS

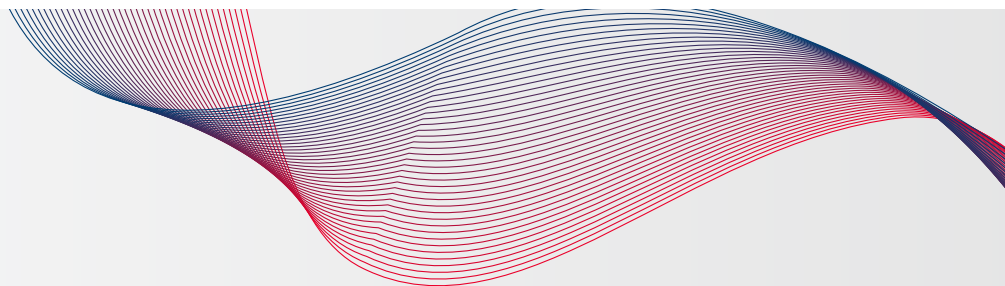
From three Quebec research funds



# MITACS FUNDING STATISTICS



# GRANT COMPETITION RESULTS



Success rates for funding programs to which the school's professors regularly participate

	2017 – 2018	2018 – 2019	2019 – 2020	2020 – 2021	2021 – 2022
<b>SSHRC - Insight</b>	44%	33%	70%	88%	<b>86%</b>
<b>SSHRC – Insight Development</b>	50%	67%	67%	82%	<b>82%</b>
<b>NSERC – Discovery</b>	75%	100%	50%	60%	<b>83%</b>
<b>FRQSC – New Academics</b>	29%	38%	50%	43%	<b>63%</b>

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

# RESULTS FROM THE PAST FIVE YEARS

FOR MAJOR GRANT COMPETITIONS

The success rate of HEC Montréal professors for funding programs is higher than provincial and national averages.

	HEC Montréal success rate (over 5 years)	National and provincial success rate (over 5 years)
SSHRC – Insight	65%	38%
SSHRC – Insight development	72%	38%
SSHRC – Partnership Development	100%	59%
NSERC – Discovery	68%	65%
FRQSC – New Academics	42%	35%
FRQSC – Research Team Support	100%	23%

# 60%

SUCCESS RATE  
OVER 5 YEARS

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

# FUNDING PROPOSALS

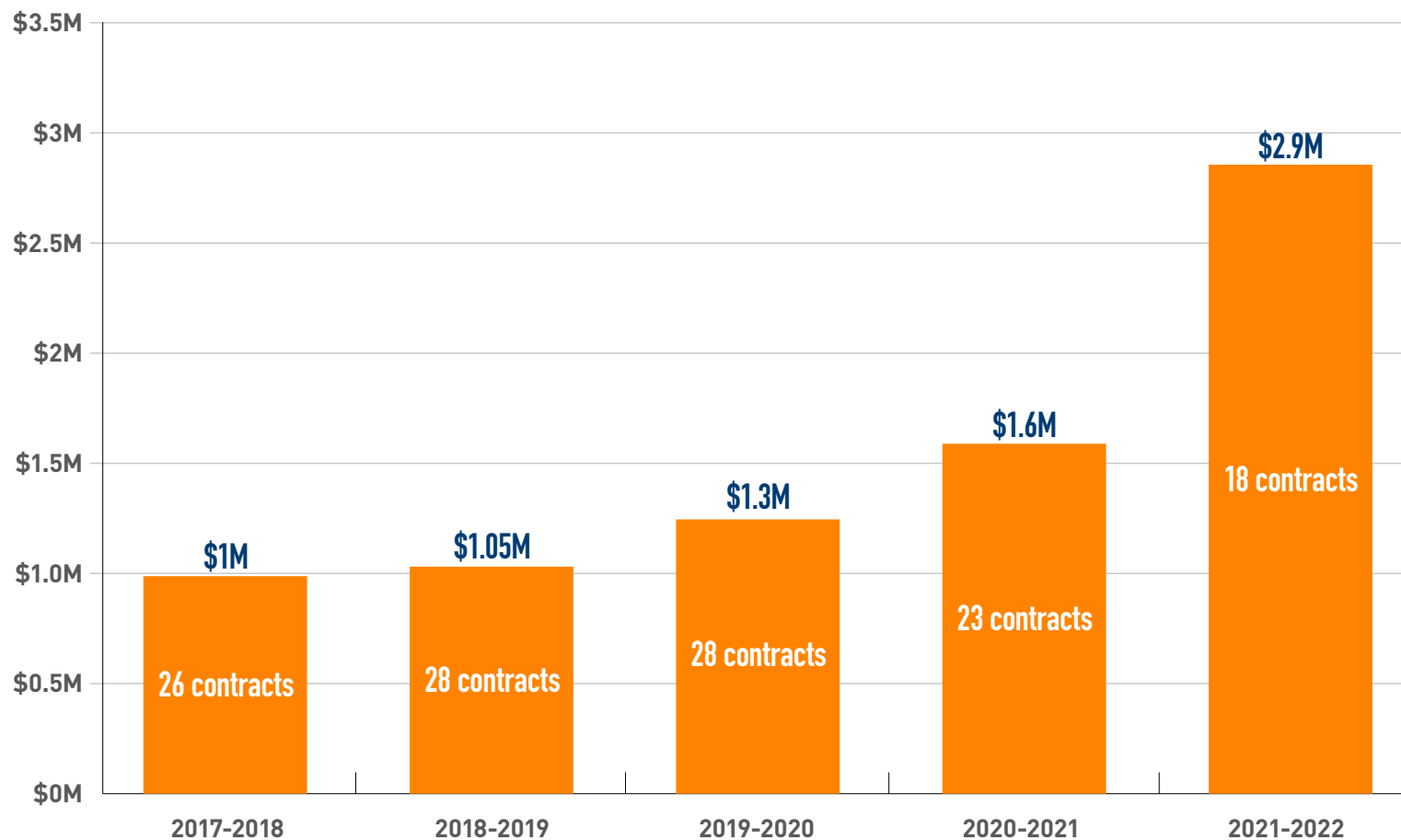
By HEC Montréal professors

	2017 – 2018	2018 – 2019	2019 – 2020	2020 – 2021	2021 – 2022
<b>SSHRC</b>	21	11	25	28	19
<b>NSERC</b>	11	8	9	7	13
<b>FCI</b>	2	1	3	1	0
<b>FRQNT</b>	4	2	2	3	2
<b>FRQSC</b>	18	13	13	8	15
<b>MITACS*</b>	-	18	35	40	24
<b>Federal departments and agencies</b>	5	8	5	7	0
<b>Provincial ministries and agencies</b>	4	4	4	2	4
<b>Other**</b>	20	4	9	4	3
<b>TOTAL</b>	85	69	105	100	80

\* MITACS requests have only been included since 2018-2019.

\*\* In 2021-2022: IVADO- Canada First and the Canadian Research Data Centre Network

# RESEARCH CONTRACTS



Funding for research contracts has increased for the past 5 years, with a \$1.3M increase since last year.

# VALORIZATION ACTIVITIES

## INVENTION DISCLOSURES

49 invention disclosures since 2002.

- › Collaboration with the new organization Axelys to manage invention disclosures.
- › A new patent for Professor Jian Tang in cooperation with Samsung : "Method and apparatus for determining molecular conformation".

axelys

## SPINOFFS

3 spinoff companies:

Baton Simulations, Imarklab and CubeHX

## TECHNOLOGY TRANSFER

Of the 49 invention disclosures,  
24 technologies have been transferred  
to the industry, 18 of which are still active.

Example of transferred technology:

EDGE (Educational Data Game Experience) is a game that teaches users data analysis. The game gives players a scenario wherein they must find a solution to an analytical problem. Players use statistics to make predictions. The goal of the game is to help players learn how to make the best decisions.

An operating permit was granted to the company SAS, which commercialized the game under the name "Cortex Analytics Simulation Game".

**Team of 5 co-inventors, 4 of whom are from HEC Montréal:**

**Pierre-Majorique Léger**

Department of Information Technology

**Marc Fredette**

Department of Decision Sciences

**Jean-François Plante**

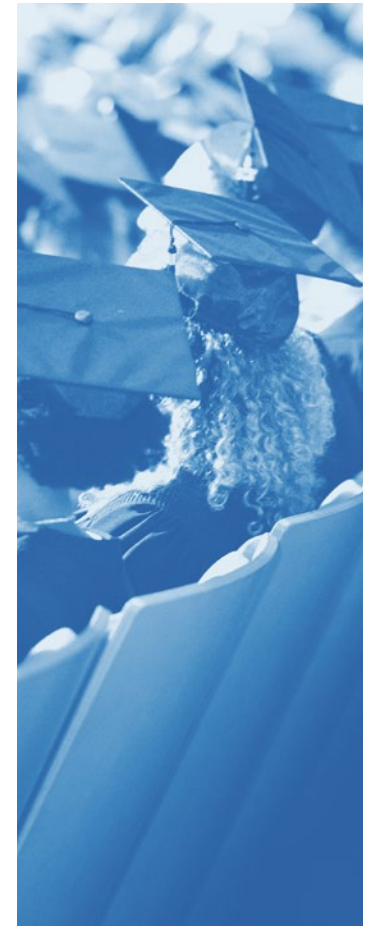
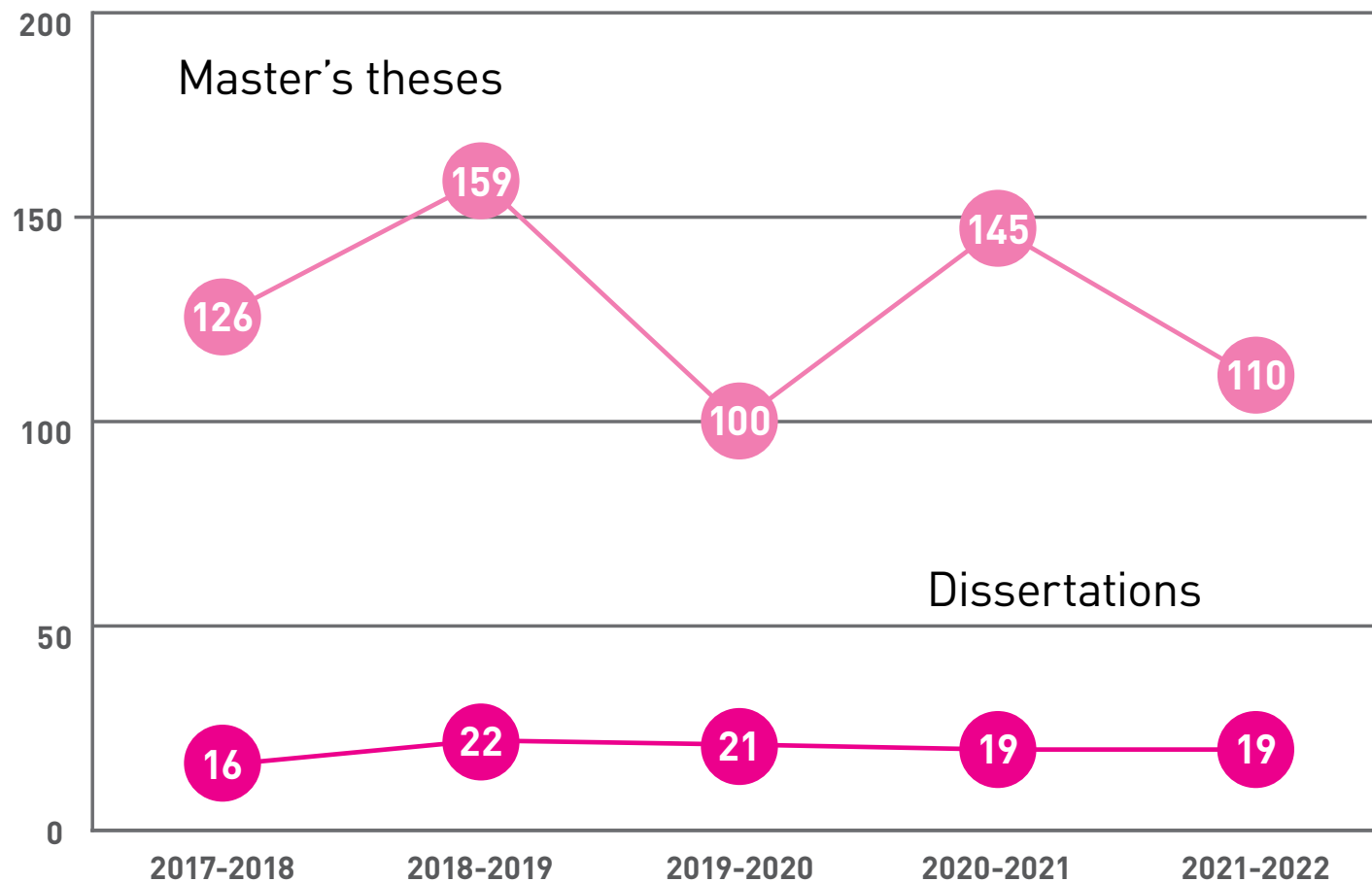
Department of Decision Sciences

**Jean-François Michon**

ERPsim Lab Director

ERPsimLab  
HEC MONTRÉAL

# NUMBER OF GRADUATES



# ARTICLES CO-AUTHORED

With students

Number of articles co-authored with master's, PhD, and post-doctoral students at HEC Montréal

HEC MONTRÉAL STUDENTS	Number of articles in 2019-2020	Number of articles in 2020-2021	Number of articles in 2021-2022
Master's	18	36	24
PhD	36	38	30
Post-doctoral	17	24	25
<b>GRAND TOTAL</b>	<b>71</b>	<b>98</b>	<b>79</b>

Number of articles co-authored with graduate and post-doctoral students from another university

STUDENTS FROM OTHER UNIVERSITIES	Number of articles in 2019-2020	Number of articles in 2020-2021	Number of articles in 2021-2022
Graduate	84	101	97
Post-doctoral	14	33	30
<b>GRAND TOTAL</b>	<b>98</b>	<b>134</b>	<b>127</b>

# THESIS AND DISSERTATION AWARDS

## BEST MASTER'S THESIS AWARD



**Sarah Cosby**, a graduate of the Master of Science (MSc) – Marketing program, received the 2021 Award for the Best Master's Thesis from HEC Montréal for The impact of online product and service picture characteristics on consumers' perceptions and intentions, co-directed by Full Professors Pierre-Majorique Léger and Sylvain Sénécal.

The jury was particularly impressed by her high-quality methodology, her ability to communicate her ideas clearly, and her relevant and counter-intuitive results, which are conducive to publication

## BEST DISSERTATION AWARD

The PhD in Administration Department awarded two Best Dissertation Awards in 2021



**Hosain Zaman**'s dissertation, Vehicle Scrappage Subsidies in the Presence of Strategic Consumers, addresses the issue of optimizing subsidies for replacing older cars, given the strategic behaviour of some consumers.

In particular, his dissertation illustrates the effects of the subsidy on decision making by different types of consumers, and the resulting differences in environmental impact.

This dissertation is innovative in that it introduces the heterogeneity of consumers as a factor, a crucial component in designing incentive measures. The research also differs in its use of a dynamic model that makes it possible to measure the effects of the subsidy over time more accurately.



**Karima Afif**'s dissertation, Sustainable product packaging: exploring the organizational buying decision and the effect of the weight-based packaging tax, addresses the topic of sustainable packaging, the buying decisions of affected organizations, and the effect of the weight-based packaging tax.

One matter the research clarifies is that increasing the weight-based packaging tax is not enough to produce a reduction effect at source. This effect can only be promoted by focusing on reducing the costs arising from the operational, environmental, and technical properties of packaging materials and their local availability.

# RESEARCH LUNCHEONS



The importance of  
management research  
for a socio-ecological  
transition



Iwan Meier, Pierre-Olivier Pineau and Emmanuel B. Raufflet



Equity, Diversity, and  
Inclusion (EDI) research  
and its impacts



Sébastien Arcand, Claude Francoeur and Caroline Lambert



Digital transformation:  
a key issue for  
organizations and society



Camille Grange, Stefan Tams, Marie-Claude Trudel and Gregory Vial

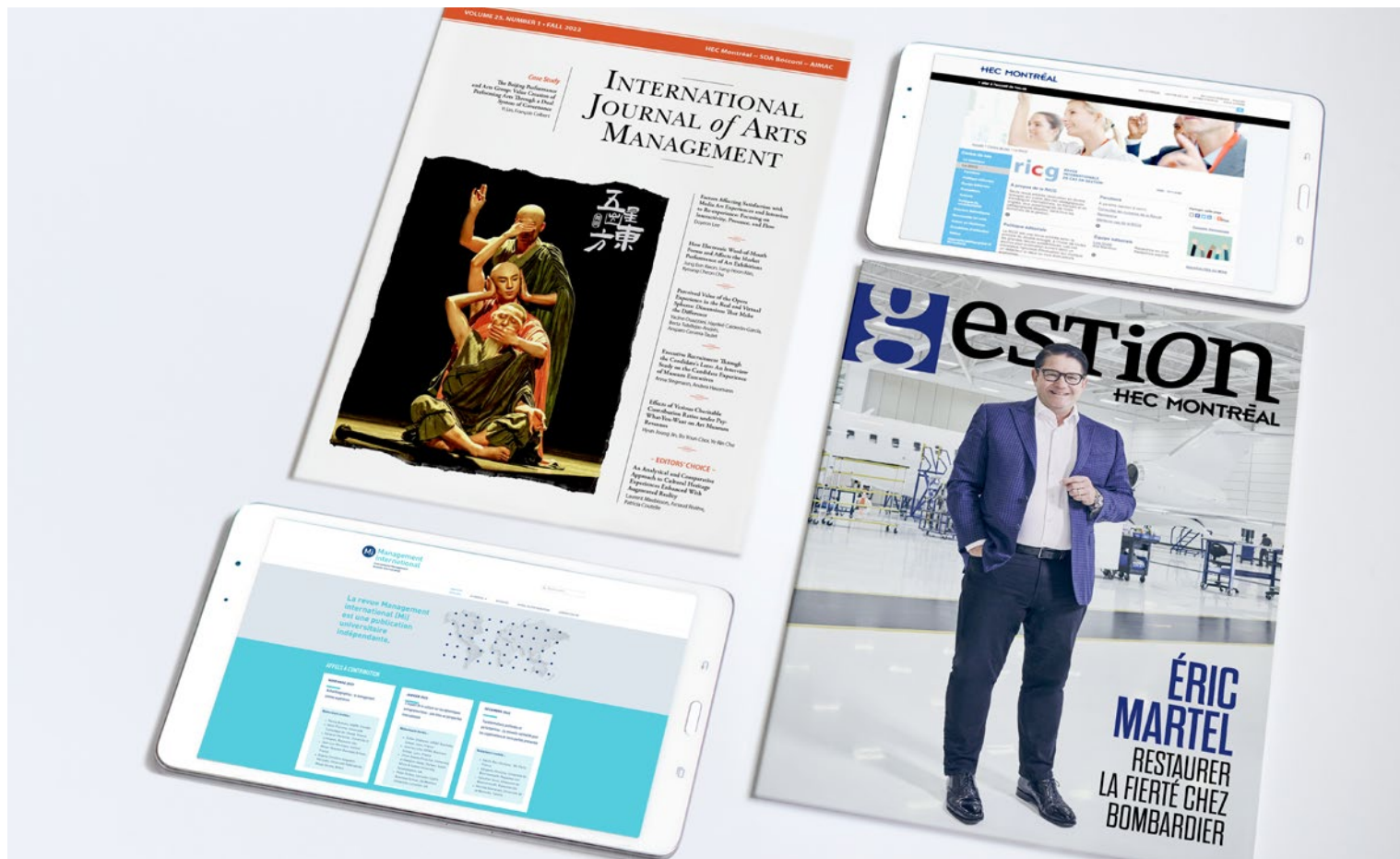


Organizational ethics:  
the role of management  
research



Celia Chui, Mouna Hazgui and Joé T. Martineau

# JOURNALS PUBLISHED by HEC Montréal



Management

International  
Journal of Arts  
Management

International  
Management

International  
Journal of Case  
Studies in  
Management

# 36 RESEARCH CHAIRS

## 8

### CANADA RESEARCH CHAIRS

- › Canada Research Chair in Supply Chain Analytics  
*Yossiri Adulyasak*
- › Canada Research Chair in Digital Communication and Multitasking  
*Ann-Frances Cameron*
- › **Canada Research Chair in Humanitarian Supply Chain Analytics**  
*Marie-Ève Rancourt*
- › Canada Research Chair in Economy  
*Decio Coviello*
- › Canada Research Chair in Risk Management  
*Georges Dionne*
- › Canada Research Chair in Macro Finance  
*Alexandre Jeanneret*
- › Canada Research Chair in Decision Making under Uncertainty  
*Erick Delage*
- › **Canada Research Chair in Enterprise Social Media and Digital Collaboration**  
*Wietse Van Osch*

## 28

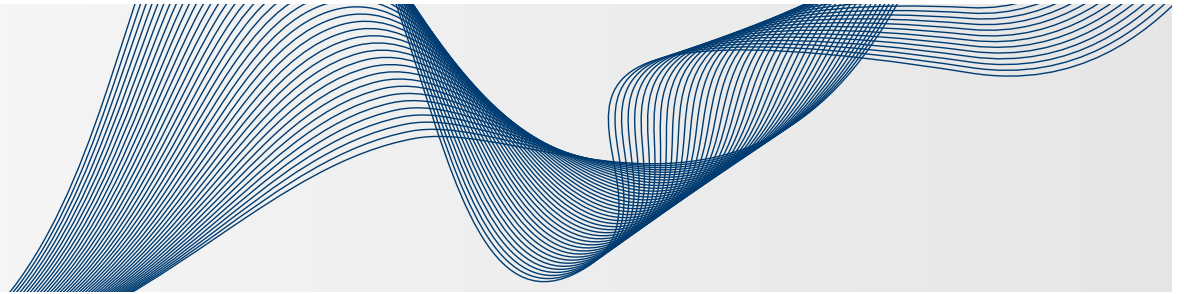
### HEC MONTRÉAL RESEARCH CHAIRS

- › 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*
- › Pierre-Péladeau Chair of Leadership  
*Cyrille Sardais*
- › Chair in Work Team Management and Effectiveness  
*Caroline Aubé*
- › Chair in Supply Chain Operations Planning  
*Raf Jans*
- › Chair in Fiscal Policy  
*Nora Traum*
- › Research Chair in Digital Health  
*Guy Paré*
- › NSERC-Prompt Industrial Research Chair in User Experience  
*Pierre-Majorique Léger*

- › Power Corporation of Canada Research Chair in Insurance and Pension Plans  
*Martin Boyer*
- › Scale AI Research Chair in Artificial Intelligence for Urban Mobility  
*Carolina Osorio*
- › Research Chair in Intergenerational Economics  
*Pierre-Carl Michaud*
- › Chair in Game Theory and Management  
*Georges Zaccour*
- › Rogers—J.-A.-Bombardier Chair in Entrepreneurship  
*Denis Grégoire*
- › Chair in the Management of Employee Commitment and Performance  
*Christian Vandenberghe*
- › Chair in Innovation and Regional Development  
*David Doloreux*
- › Canada CIFAR Artificial Intelligence Chair (CCAI)  
*Golnoosh Farnadi*
- › 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*
- › Chair of Succession and Family Enterprise  
*Isabelle Le Breton-Miller*

New chairs in 2021-2022

# 30 RESEARCH UNITS



## 4

### INTERUNIVERSITY CENTRES IN THE FRQSC AND FRQNT STRATEGIC CLUSTERS PROGRAM

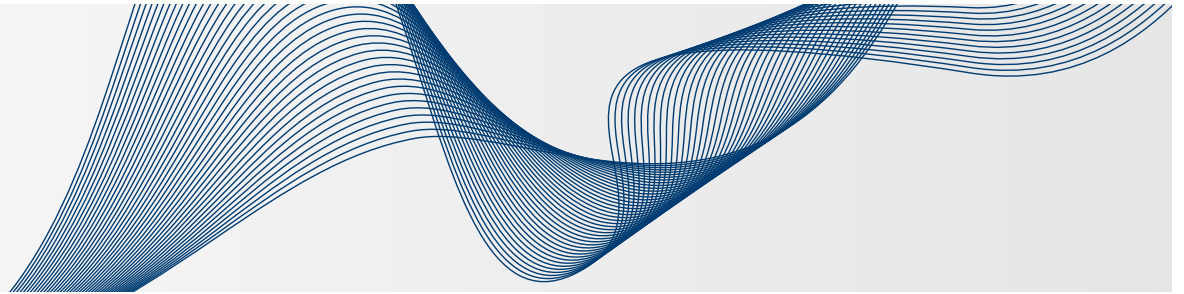
- › Interuniversity Research Centre on Globalization and Work (CRIMT)
- › Centre for Research on Social Innovations (CRISES)
- › Interuniversity Research Centre on Enterprise Networks, Logistics and Transportation (CIRRELT)
- › Group for Research in Decision Analysis (GERAD)

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### RESEARCH GROUPS AND TRANSFER HUBS

- › Arpège – Research Hub on Management Education
- › Supply Chain Forum
- › Centre for Research on Organization, Strategy and Governance
- › Centre for Research on Organizational Transformation (CETO)
- › Centre for Productivity and Prosperity - Walter J. Somers Foundation (CPP)
- › International Business Research Group (GRAI)
- › Research Group on Information Systems (GReSI)
- › Consumer Behavior Research Group (CBRG)
- › Strategy as Practice Study Group (GéPS)
- › IDEOS – Socially Responsible Organizations Hub
- › Canadian Derivatives Institute
- › Sales Institute
- › Alphonse Dorimène Desjardins International Institute for Cooperatives
- › Retirement and Savings Institute
- › IVADO
- › Computing and Data Mining Laboratory (LACED)
- › ERPsim Lab
- › Mosaic – Creativity & Innovation Hub
- › Top Executives and Strategic Management Hub
- › e3 Hub – Expertise in Energy and Environment
- › Entrepreneurship, Entrepreneurial Acquisitions, and Business Families Hub
  - › La base entrepreneuriale
  - › Dechênes | Molson | Lesage Family Business Centre
  - › EntrePrism
  - › National Bank – HEC Montréal Institute for Entrepreneurship
- › Media Hub
- › Health Care Management Hub
- › Sports Hub
- › Réseau de recherche en économie circulaire du Québec
- › Tech3Lab

# 36 RESEARCH PROFESSORSHIPS



## > **Research Professorship in Responsible Adoption and Diffusion of Information Technologies**

*Camille Grange*

## > **Research Professorship in Management Consulting**

*Alaric Bourgoin*

## > **Research Professorship in Financial Big Data Analysis**

*Vincent Grégoire*

## > **Research Professorship in Clean Transportation Analytics**

*Jorge Mendoza*

## > **Professorship in Entrepreneurial Learning**

*Jean-François Harvey*

## > **Research Professorship in Audit, Governance, and Society**

*Anna Taddei-Samsonova*

## > **Research Professorship in Sponsorship and Celebrity Spokespersons**

*François Carillat*

## > **Research Professorship in Organizational Creativity**

*Marine Agogué*

## > **Research Professorship in Information Technology Development and Use**

*Bogdan Negoita*

## > **Research Professorship on Big Data for Arts and Culture**

*Renaud Legoux*

## > **Research Professorship in Quantitative Corporate Finance**

*Pascal François*

## > **Research Professorship in Business Finance**

*Iwan Meier*

## > **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*

## > **MOSAIC Research Professorship in Creativity Management**

*Patrick Cohendet et Laurent Simon*

## > **Research Professorship in Combinatorial Optimization**

*Jacques Desrosiers*

## > **Research Professorship in Industrial Organization**

*Mario Samano*

## > **Research Professorship in Complex Networks**

*Gilles Caporossi*

## > **Research Professorship in Systematic Risks and Modeling of Asset Returns**

*Mathieu Fournier*

## > **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 Information Systems Management**

*Ana Ortiz de Guinea*

## > **Research Professorship in Technology and Aging**

*Stefan Tams*

## > **Research Professorship in Contract and Incentive Theory**

*Nicolas Sahuguet*

## > **Research Professorship in Organizational Transformation and Change Management**

*Kevin Johnson*

## > **Research Professorship in Financial Risk Factors and Derivatives**

*Christian Dorion*

## > **Research Professorship - Lallemand - Marcel et Roland-Chagnon**

*Hinrich Voss*

## > **Research Professorship in Organizational Models and Social Impact**

*Luciano Barin-Cruz*

## > **Research Professorship in Audit**

*Zvi Singer*

## > **Roland-Chagnon Research Professorship in Accounting and Taxation**

*Suzanne Landry*

New research professorships in 2021-2022

# EXTERNAL RESEARCH AWARDS

## PUBLICATION AWARDS

	Award name	Organization issuing the award
David Ardia	Best Paper Award 2018-2019	International Institute of Forecasters
Charlotte Cloutier	Academy of Management Journal Best Reviewer Award	Academy of Management Journal
Georges Dionne	Kulp-Wright Book Award	American Risk and Insurance Association (ARIA)
Gwyneth Edwards	Best student paper, International Business division	Administrative Sciences Association of Canada
Jakub Hajda	Best Paper Award	French Finance Association (AFFI)
Mouna Hazgui	Best Paper Award of the Public Interest Section of the American Accounting Association	American Accounting Association
Isabelle Le Breton-Miller/Danny Miller	Academy of Management (AOM) Conference 2021 / Best papers – Division ONE	Academy of Management
Isabelle Le Breton-Miller/Danny Miller	IFERA 2021 Best Paper on Conference Theme	The International Family Enterprise Research Academy (IFERA)
Jean-François Soublière	2021 JBV Best Reviewer Award	Journal of Business Venturing

## RENOWN AWARD

	Award name	Organization issuing the award
Okan Arslan	Amazon Last Mile Routing Research Challenge (Third place)	Amazon Science
Guy Paré	AIS ATLAS Award 2021	Association for Information Systems (AIS)
Benoît Aubert	AIS ATLAS Award 2021	Association for Information Systems (AIS)
Isabelle Le Breton-Miller	Elsevier-Mendeley 2020 – Classement parmi les 2% plus influents chercheurs au monde, octobre 2021.	Elsevier-Mendeley
Danny Miller	Elsevier-Mendeley 2020 – Classement parmi les 2% plus influents chercheurs au monde, octobre 2021.	Elsevier-Mendeley
Pierre-Carl Michaud	Élu membre, Collège de nouveaux chercheurs et créateurs en arts et en science de la Société royale du Canada (SRC)	Société Royale du Canada
Viviana Pilato	Certificate of Excellence in Cross-Cultural Research	GLOBE 2020 Global Leadership and Organizational Behaviour Effectiveness and Simon Fraser University (SFU), Beedie School of Business