



CORS • SCRO

Canadian Operational Research Society

Société canadienne de recherche opérationnelle

The
Bulletin

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IN THIS ISSUE

Dear CORS members,

This issue is so full of valuable CORS content that it took an extra month to put it together for you. Hopefully you were all enjoying some well-deserved summer vacation and were not put out by the delay.

Firstly, we have both presidents' messages, with outgoing reflections from Jules Comeau and an incoming vision from Peter Vanberkel.

Next, we acknowledge two big losses in the operations research community. Bernard Gendron, past president of CORS (2005–2006), and past president of the Montreal section (2000–2007). Bernard's extensive contributions reach far beyond CORS and his colleagues have provided a wonderful text outlining his impressive career.

Corinne MacDonald, past president of CORS (2012–2013), but also my master's supervisor, engineering mentor, and the very person responsible for convincing me to first edit the CORS bulletin many years ago. I am so thankful to have had her influence in my life. She will be deeply missed.

Lastly, we have a number of announcements and the award winners from this year's conference. Congratulations to all participants for their exceptional efforts. Next year's conference will take place in Montreal, and I look forward to meeting in person once again.

Cheers,

Andrea

Bulletin Editor

Andrea Friars

Elected Officers

President Peter Vanberkel
 Vice President Samira Abbasgholizadeh-Rahimi
 Past President Jules Comeau
 Secretary Marko Bijvank
 Treasurer Gregory Paradis
 Councillors Nadia Lahrichi (21–23)
 Masoud Chitsaz (21–23)
 Sibel Alumur Alev (22–24)
 Houra Mahmoudzadeh (22–24)

Standing Committees

Awards Samira Abbasgholizadeh-Rahimi
 Education Nadia Lahrichi
 Membership Gregory Paradis
 Program Samira Abbasgholizadeh-Rahimi
 Public Relations Sibel Alumur Alev
 Publications Joe Naoum-Sawaya, Andrea Friars

Special Interest Groups

Sibel Almur Alev, Peter Vanberkel
 Houra Mahmoudzadeh
 Samira Abbasgholizadeh-Rahimi
 Jules Comeau, past presidents

Past Presidents

Advisory Board

Ad hoc Committees

Practice Prize Antoine Legrain
 Award of Merit Jules Comeau, David Stanford
 Louis-Martin Rousseau
 Student Paper TBA (Open)
 Competition TBA (Undergraduate)
 Financial Planning Gregory Paradis
 Industry Masoud Chitsaz

Micro Events

Marco Bijvank, Houra Mahmoudzadeh
 Masoud Chitsaz

Equity, Diversity, and Inclusivity

Samira Abbasgholizadeh-Rahimi
 Peter Vanberkel (co-chairs)
 Sibel Alumur Alev, Gregory Paradis

Students

Houra Mahmoudzadeh
 Peter Vanberkel, Jules Comeau
 Nadia Lahrichi

Nominating

INFOR Editor

Jules Comeau
 Joe Naoum-Sawaya

Travelling Speakers

Jules Comeau

Program

IFORS Representative

Marco Bijvank

CORS COUNCIL

CORS Council consists of the officers of the society, four councillors, the immediate past president, and the standing committee chairs. Contact information for council representatives is below. See www.cors.ca for a complete listing.

President	Peter Vanberkel, Dalhousie University, president@cors.ca
Vice President	Samira Abbasgholizadeh-Rahimi, McGill University, vicepresident@cors.ca
Secretary	Marco Bijvank, University of Calgary, secretary@cors.ca
Treasurer	Gregory Paradis, University of British Columbia, treasurer@cors.ca
Past-President	Jules Comeau, Université de Moncton, pastpresident@cors.ca
Councillor (2021–2023)	Nadia Lahrichi, Polytechnique Montréal, nadia.lahrichi@polymtl.ca
Councillor (2021–2023)	Masoud Chitsaz, Kinaxis, masoud.chitsaz@cirreлт.net
Councillor (2022–2024)	Sibel Alumur Alev, University of Waterloo, sibel.alumur@uwaterloo.ca
Councillor (2022–2024)	Houra Mahmoudzadeh, University of Waterloo, houra.mahmoudzadeh@uwaterloo.ca

SIG, SECTION, & CHAPTER PRESIDENTS

Analytics SIG	Gregory Paradis, University of British Columbia, cors.analytics.sig@01101.io
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Health Care OR SIG	Valérie Bélanger, HEC Montreal, valerie.3.belanger@hec.ca
Queueing and Applied Probability SIG	Yichuan Ding, McGill University, daniel.ding@mcgill.ca
Atlantic	Claver Diallo, Dalhousie University, claver.diallo@dal.ca
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Kingston	Mohan Chaudhry, Royal Military College of Canada, chaudhry-ml@rmc.ca
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Vancouver	Gregory Paradis, University of British Columbia, 0@01101.io
Waterloo Student	Kiefer Joe Burgess, University of Waterloo, kjburgess@uwaterloo.ca
Montreal Student	Başak Tozlu, Concordia University, basaktozlu@gmail.com
Toronto Student	Maryam Daryalal, University of Toronto, m.daryalal@mail.utoronto.ca
Hamilton Student	Si Liu, McMaster University, lius278@mcmaster.ca
Okanagan Student	Amirhossein Salamirad, UBC Okanagan, ahsalami@mail.ubc.ca

CHANGES TO COUNCIL AND COMMITTEES

Post	Previous	New
Council		
President	Jules Comeau	Peter Vanberkel
Vice-President	Peter Vanberkel	Samira Abbasgholizadeh-Rahimi
Past-President	Michael Pavlin	Jules Comeau
Councillors	Samira Abbasgholizadeh-Rahimi Majid Taghavi	Sibel Alumur Alev Houra Mahmoudzadeh
Standing Committees		
Awards	Peter Vanberkel	Samira Abbasgholizadeh-Rahimi
Membership	Samira Abbasgholizadeh Rahimi	Gregory Paradis
Program	Peter Vanberkel, Fatma Gzara Taraneh Sowlati	Samira Abbasgholizadeh-Rahimi
Public Relations	Masoud Chitsaz	Sibel Alumur Alev
SIG Relations	Peter Vanberkel	Sibel Almur Alev, Peter Vanberkel Houra Mahmoudzadeh Samira Abbasgholizadeh-Rahimi
Past Presidents Advisory	Michael Pavlin, Jules Comeau past presidents	Jules Comeau, past presidents
Ad hoc Committees		
Award of Merit	Michael Pavlin, Mikael Rönnqvist David Stanford	Jules Comeau, David Stanford Louis-Martin Rousseau
Student Paper Competition	Tamon Stephen (Open) Andre Cire (Undergraduate)	TBA (Open and Undergraduate)
Financial Planning	Gregory Paradis, Michael Pavlin Jules Comeau, Peter Vanberkel	Gregory Paradis
Industry	Masoud Chitsaz, Fredrik Odegaard Olivia Sengupta, Jeremy Adamson	Masoud Chitsaz
Micro Events	Majid Taghavi Samira Abbasgholizadeh Rahimi	Marco Bijvank, Masoud Chitsaz Houra Mahmoudzadeh
Equity, Diversity, and Inclusivity		Samira Abbasgholizadeh-Rahimi Peter Vanberkel (co-presidents) Sibel Alumur Alev, Gregory Paradis
Students		Houra Mahmoudzadeh Peter Vanberkel, Jules Comeau Nadia Lahrichi
Nominating	Michael Pavlin	Jules Comeau
Travelling Speakers Program	Peter Vanberkel	Jules Comeau

Incoming and Outgoing CORS Council members at the CORS/INFORMS 2022 Joint International Meeting



Back Row L–R: Masoud, Marco, Gregory, Majid, Jules, Michael

Front Row L–R: Peter, Samira, Houra

OUTGOING PRESIDENT'S MESSAGE

Dear CORS members,

It was a pleasure to serve as CORS president last year, surrounded by an amazing team of like-minded individuals that worked hard to make our collective experience as CORS members enjoyable. The society does not run successfully without a team. This year, I was lucky to work with the following members of Council: vice-president Peter Vanberkel, secretary Marco Bijvank, treasurer Gregory Paradis, past-president Michael Pavlin, and councillors Samira Abbasgholizadeh Rahimi, Majid Taghavi, Nadia Lahrichi, and Masoud Chitsaz. A special thank you to Gregory Paradis for his tireless work in helping put together our new accounting system. It would not happen without his dedication.

I never get tired of promoting CORS as the biggest professional society in Canada for operations research practitioners and researchers. I also never get tired of promoting the opportunities for networking that exist within CORS, as much for new members, be it early career academics or practitioners or graduate students that are about to take that next step, as for long time members of CORS. The community of CORS is healthy and strong.



This was evidenced by the level of participation at the 2022 CORS/INFORMS International Conference in Vancouver in early June. I want to congratulate the organizers of the conference for their tireless work. Taraneh Sowlati, Chris Ryan, and Marina Epelman, along with the long list of committee chairs and team from INFORMS meetings, did a fabulous job. There was a positive energy at the conference that is difficult to describe if you were not there in person. After not meeting in person since 2019, it was heart warming to see so many people catch up with friends, make new connections and enjoy the atmosphere. I am looking forward to Montreal 2023.

There are so many people that work behind the scenes to keep us connected. Erla Anderson does a wonderful job of handling our membership services, Andrea Friars keeps us informed through the Bulletin, Nadia Lahrichi coordinates students' programs as education chair, Joe Naoum-Sawaya continues to grow our INFOR journal and Majid Taghavi spearheaded our micro-events committee. Thank you to all others who contributed directly or indirectly in the success of CORS, whether it was through local sections or by participating in CORS activities.

The torch has been passed to Peter Vanberkel as the current president. If I must judge by the first few months of working with him and the rest of the current Council, CORS is in good hands!

Cheers!

Jules

INCOMING PRESIDENT'S MESSAGE

Dear Colleagues,

It is my privilege to take on the role of CORS/SCRO president for 2022–2023. I've been involved with CORS/SCRO since the 47th annual conference in 2005 in Halifax. John Blake was the Conference Chair, and I was his MASc student working the banquet coat check. Since then, I've served as Council Secretary, Track Organizer, Conference Co-chair in 2018 (a promotion from the cloakroom), and co-founded the Health Care Operational Research SIG student competition with Timothy Chan. I'm excited for my year as president and hope these experiences serve me well.

"I didn't realize how much I missed everyone until I was there."

This is how I felt in Vancouver for CORS/INFORMS International 2022, and it seems to have been a common sentiment. The weather, the company, the scientific talks all came together for a spectacular return to in-person conferencing. A huge congratulations to Conference Chair Taraneh Sowlati and her team for all their efforts and for maintaining composure and commitment in the face of all the planning uncertainty caused by Omicron. The conference theme — Disruptions, Risks, and Recoveries — was all too fitting. I am already looking forward to next year's conference in Montreal organized by Nadia Lahrichi and Nadia Lehoux.

We are saying good-bye this year to council members Michael Pavlin (past president) and Majid Taghavi (councillor). Both served council through a challenging time when Covid drastically changed business as usual. Through their leadership, the first virtual conference was held (organized by Fatma Gzara and Timothy Chan), and Micro-events were launched as a means of keeping us connected when in-person meetings weren't possible. CORS/SCRO is also saying thank you to outgoing INFOR Editors-in-Chief Samir Elhedhli and Elkafi Hassini who oversaw substantial and sustained growth in our flagship journal.

In many areas, experience is currency, and this is certainly the case with CORS/SCRO council. In this regard, I've inherited a dream team. Council Secretary (Marko Bijvank), Treasurer (Gregory Paradis), Education Chair (Nadia Lahrichi), and Bulletin Editor (Andrea Friars) are all continuing from last year. Adding to this experience are Immediate Past President Jules Comeau, incoming Vice President (and former councillor) Samira Abbasgholizadeh-Rahimi, and continuing Councillors, Masoud Chitsaz and Nadia Lahrichi. We are welcoming two new Councillors, Sibel Alumur Alev and Houra Mahmoudzadeh and our new INFOR Editor-in-Chief Joe Naoum-Sawaya. We have big ambitions for this year and have prioritised initiatives to support equity, diversity, and inclusion; micro-events; special interest groups; students; accounting system updates; and our journal. All responsible committees met over the summer and are planning big things for the coming year.

I hope everyone took the opportunity to refresh over the summer, and I wish you a happy and productive return in September.

Peter



IN MEMORIAM

Bernard Gendron

Bernard Gendron (1966–2022): Friend and Colleague

On July 17, 2022, our friend and colleague Bernard Gendron passed away, after an unforgiving illness. Bernard was Professor of Operations Research in the Département d'informatique et de recherche opérationnelle (DIRO - Computer Science and Operations Research) of Université de Montréal and an important member of CIRRELT, the Interuniversity Research Centre on Enterprise Networks, Logistics and Transportation.

After undergraduate studies in mathematics, Bernard started displaying his innate talent for research during his master's degree at DIRO. His master's thesis laid the foundations of his brilliant career, addressing a challenging, recently defined logistics problem through network-design modelling and a parallel exact enumerative algorithm. In this, Bernard was an important member of the team that started the Montreal research work on parallel optimization. He followed with an exceptional Ph.D. dissertation, still at DIRO, on multicommodity capacitated fixed charge network design applied to planning transportation and logistics systems. The thesis included several important contributions to the understanding, modelling, and solution of network design problems, as well as to the development of parallel optimization, for which he received the 1995 Best Dissertation Award of the Transportation Science Section of INFORMS. Impressed by the quality of his work, DIRO hired Bernard as a tenure-track faculty member, even before his dissertation defense.

In the years that followed, Bernard pursued a very active academic career combining top-level research with teaching and transfer activities. In these, he showed that he was a true great Operations Research scientist, harmoniously blending applications and methodology to push the science envelope and address relevant and challenging problems of substantial industrial and societal interest. From the very beginning of his research work, Bernard was highly motivated by such applications, in particular in transportation and logistics (system and service network design for freight carriers and distribution networks, forestry problems), scheduling of tasks and personnel, and fixed and wireless telecommunication networks planning and management. As it is typical of the field, addressing practical problems led him to study and develop the relevant methodological part of Operations Research and Mathematical Programming, focussing on combinatorial optimization and integer programming, e.g., graph theory, location, network design, and routing.

In its applied and methodological work alike, Bernard deployed its creativity and considerable knowledge to both modelling and algorithmic development. For the applications he addressed, Bernard searched for the mathematical formulation which would simultaneously capture the essence of the problem at hand and be amenable to an efficient solution method, in order to yield the numerical results required by the application. To reach this goal, Bernard applied the significant understanding and tools developed studying the more "abstract", generic problem classes in combinatorial optimization, e.g., reformulation techniques and polyhedral analysis.

To address the highly challenging problems raised by the generic and applied models he studied, Bernard left no stone unturned and explored a wide range of mathematical optimization methodologies. He cunningly employed existing techniques and proposed significant methodological advances in as diverse fields as Lagrangian relaxation, column generation, Benders' decomposition, logic-based constraint programming, cutting planes and enumerative (Branch & Bound, Cut) algorithms, and meta- and math-heuristic solution methods. Since the early days of his career, he was a pioneer and an avid proposer of parallel optimization.

Bernard had both a passion and a special knack for continuously revisiting even decades-old models and problems and finding new and original reformulations and solution approaches. He was never sated of studying general models with many practical applications, and proposing novel ways of viewing, decomposing, and approaching them. The many variants of the multicommodity network flow and design problems formed one of its most passionate fields of work, yielding some of his more important and long-lasting contributions to science and Operations Research. The "Exact Methods for Fixed-Cost Network Design" chapter in the "Network Design with Applications to Transportation and Logistics" book he recently co-edited synthesizes his immense heritage in the field. This unabated curiosity is the hallmark of a truly exceptional researcher, such as he was.

A large part of Bernard's work was performed in the context of very lively international collaborations with colleagues from top institutions and companies from around the world. These include MIT in Boston, EPFL in Lausanne, ILOG in Paris, École Centrale in Lille, and the universities of Pisa, Lisbon, Nice-Sophia-Antipolis, Clermont-Ferrand (Blaise-Pascal), Versailles and Valenciennes, among others. These international collaborations also gave rise to several participations in specialized doctoral schools.

Bernard's talent as a researcher created many interesting opportunities. Among these, he was the chairholder of two important chairs: an industrial one, funded by the company Purolator, on data intelligence for logistics, and a chair on green technologies, funded by the government of Quebec, dealing with the transformations in the transportation sector.

Besides his primary interest in science and research, Bernard also cared immensely for the scientific and academic community, both in Montreal and abroad. Over time, this led him to accept a number of duties and tasks in a variety of roles. In 2008, Bernard was selected to become the first director of CIRRELT, the Interuniversity Research Centre on Enterprise Networks, Logistics and Transportation. Born from the merger of various research groups in five different universities, CIRRELT flourished under Bernard's skillful stewardship of eight years and became one of the leading research centres in logistics and transportation in the world. A few years later, Bernard was asked to become Adjunct Vice-Rector of Research, Discovery, Creation, and Innovation of Université de Montréal in 2021. Unfortunately, illness prevented him from accomplishing as much as he could have in that position.

Bernard displayed the same energy and gift for stewardship with respect to learned societies, which brought him great appreciation and respect in the community. He was thus first elected President of the Transportation Science Section of INFORMS (2001–2002, after serving as Treasurer and Vice-President), before becoming the first President of the Section on Transportation Science and & Logistics (2002–2003). Bernard was also deeply committed to the Canadian Operational Research Society (CORS), in which he held many positions from President of the Montreal section to Council member to President (2004–2005). CORS recognized Bernard's outstanding contributions to Canadian Operations Research by bestowing him no less than three major distinctions: the Award of Merit (2010), the Service Award (2006), and the Practice Prize (2004).

Bernard was also very active in scientific publishing. After serving as Associate Editor of *INFOR* from 2004 to 2006, he was Editor in Chief of this journal from 2006 to 2014. He has also been Area Editor “Combinatorial Optimization” of *RAIRO-Operations Research* since 2019 and member of the editorial board of *Constraint Programming Letters* and of the *EURO Journal on Transportation and Logistics* since 2006 and 2012, respectively. Always at the forefront of transformations, he was also one of the founders, and Section Editor for “Computational aspects and applications”, of the *Open Journal of Mathematical Optimization*, the first completely Gold Open Access journal in the OR area.

Bernard was involved in the organization of several conferences and workshops as member of their organizing or scientific committees. These scientific events include, among others, the *CORS/INFORMS International Meeting* of 2009, the *IFORS Triennial Meeting* in 2017, as well as several editions of the *Odysseus*, *CP-AI-OR*, and *Optimization Days* series of international conferences.

Bernard paid its due share to research evaluation and assessment activities, either as a member of national or provincial funding agencies committees or as external dissertation evaluator for universities around the world.

One of Bernard’s central focuses, throughout his career, has been his commitment to his students, both graduate and undergraduate. Bernard not only shared his knowledge with them, but he also wanted to give them the opportunity to grow as scientists and human beings. Younger colleagues also recall his reassuring presence as a mentor and an example of a true academic.

All those who have known Bernard have a deep respect for his scientific abilities and his numerous professional accomplishments, but they especially dearly remember the man who Bernard was: warm, smiling, and with an incomparable laughter. His hard-working attitude never was disjoint from his heart-felt, true respect of others; together with his renowned sense of humor, this made him a wonderful colleague to both have full-night work stints with and share small talk about hockey or the history of Quebec over a beer. We will sorely miss him.

Teodor Gabriel Crainic
Antonio Frangioni
Michel Gendreau

IN MEMORIAM

Corinne MacDonald

Dr. Corinne MacDonald, P.Eng. (1967–2022)

Corinne MacDonald (née Jones) was born in Sydney, NS in 1967. She attended Riverview High School, graduating in 1984. She began her post-secondary studies at Saint Mary's University (SMU) where she completed a Diploma in Engineering in 1986. While at SMU, Corinne developed a fondness for operations and management. Pursuing this interest, she went on to receive a Bachelor of Industrial Engineering from the Technical University of Nova Scotia in 1989.

Corinne found much success upon graduation and made strides for the advancement of women in engineering. After working for Proctor and Gamble and Canada Post, Corinne returned to TUNS/Dal working in the advancement office and, in 1997, joining the Department of Industrial Engineering as a Lecturer. She served as the first female Head of the Industrial Engineering Department and was the first woman to complete a PhD from the Department of Industrial Engineering after it became part of Dalhousie University. She served as President of the Canadian Operational Research Society in 2012–2013.

Although she had never planned on teaching, Corinne went on to become a noted professor of Industrial Engineering at Dalhousie University. In this role she made it a priority to encourage students to embrace diversity within the profession, believing that it brought a broader perspective to each project and better integration with the work that engineers do.

Corinne is recognized by her colleagues for her tireless promotion of engineering and its application, and for her work with Dr. Eldon Gunn to deliver an annual Designing Productivity conference in Halifax as well as organizing the Canadian Operational Research Society annual meetings in 2005 and 2018. During her time as a professor, she contributed to nine scholarly publications, supervised six graduate students and mentored hundreds of undergraduates. In 2009, Corinne won the Canadian Operational Research Society practice prize with one of her graduate students.

Engineers Nova Scotia recognized her contributions to women in engineering this year with the *S.L. Devereaux Award for the Advancement of Women in Engineering*.

Corinne was a consummate organizer and loved a good party. She made everyone feel welcome in her personal and professional lives. She will be sorely missed.

The Industrial Engineering Department is establishing a scholarship in Corinne's name: the *Corinne MacDonald Scholarship for Women in Industrial Engineering*. Those wishing to contribute to this scholarship may do so at giving.dal.ca/corinnemacdonald

ANNOUNCEMENTS

CORS Emeritus Member Mohan Chaudhry

The status of Emeritus member of CORS is bestowed upon retired members who have received both the CORS Eldon Gunn Service Award and the CORS Award of Merit. This prestigious designation is to acknowledge the member's significant contribution to the field of operations research and to CORS. This year's recipient is Mohan Chaudhry.



I was completely surprised to know that I am being honoured as an Emeritus member of CORS. All my thanks go to the CORS Council and other persons who were involved in this process. I published my first paper in the *Journal of Canadian Operational Research Society* (JCORS) in 1965. I have introduced two ideas in dealing with queueing problems — correlation in the arrival process as well as improvement in the process of root-finding algorithm in queueing theory. The root-finding algorithm was given when MAPLE and MATHEMATICA could not find those roots. Those ideas are now being used by many researchers all over the world. Ever since I came to Canada, I have been a member of CORS. Even though I am retiring, my research in helping local and international students and collaborators will continue as I have been doing in the past.

INFOR JOURNAL

Awards were made to
Samir Elhedhli and
Elkafi Hassini
Co-Editors in Chief

L-R: Samir Elhedhli, Elkafi Hassini,
Peter Vanberkel



CORS Membership

It's time to renew your CORS membership for the year 1 April 2022 through 31 March 2023. Your membership in the Canadian Operational Research Society will be discontinued on 1 October 2022 if not paid.

You may be able to use an NSERC grant to pay membership dues for yourself and your graduate students.

Please renew your membership at (http://www.cors.ca/sites/cors_php/en/membership/renewal.php)

For more information, please email members@cors.ca

CORS FUNDING OPPORTUNITIES

Traveling Speakers Program (TSP)

<https://cors.ca/?q=content/traveling-speakers-program>

The TSP enables local sections to bring Canadian OR practitioners / researchers as speakers to their local events. To keep costs in line while maximizing the CORS national profile, CORS sponsorship will be limited to 50% of the total expenses, up to a maximum of \$500 per speaker or \$1000 for a single event (conference, workshop). Other expenses can be covered by the local section. The program of the event must acknowledge the contribution of CORS. The president of the local section must contact the CORS Vice President to obtain approval for funding preferably at least one month in advance of the event date.

Payment will be made by the CORS Treasurer upon receipt of the expense form. The president of the local section fills out the application form and submits the form to Jules Comeau (pastpresident@cors.ca)



CORS – Optimization Days

Joint annual conference – May 29-31, 2023

Montreal, Canada

On behalf of the 2023 Canadian Operational Research Society (CORS) and Interuniversity Research Centre on Enterprise Networks, Logistics and Transportation (CIRRELT) organizing committee, it is our pleasure to invite you to join us in stunning Montreal, Quebec. CORS and CIRRELT are excited to jointly organize their annual conference at HEC Montreal. The aim of the meeting is to survey current research trends in operational

research and optimization methods and their applications, and to provide an opportunity for interaction between various research groups from around the world. All those interested in operational research and optimization methods and their present or potential applications are invited to participate. We are especially interested in talks on new methods and their applications. The languages of the conference will be English and French.



Abstract submission: February 3, 2023

Sponsorship opportunities: cors-jopt23@cirrelt.ca

www.symposia.cirrelt.ca/CORS-JOPT



2022 CORS AWARD WINNERS

Congratulations to the winners of the awards and prizes. Special thanks to all the participants and judges. Details on CORS awards and prizes, including a list of past winners, can be found on the CORS website www.cors.ca

Harold Larnder Prize

Ravi Ahuja

Omond Solandt Award

HALCO Software Systems Ltd.

CORS Award of Merit

Louis-Martin Rousseau

Eldon Gunn Service Award

Fatma Gzara and Timothy Chan

CORS Practice Prize: Winner

Srinivas S. Tamvada (Pennsylvania State University), Bahareh Mansouri (Saint Mary's University), Ramy Abdallah (McMaster University), Elkafi Hassini (McMaster University), Brian Bellino (Purolator International), Khelil Khelil (Purolator Inc.)

"Gateway Consolidation for Purolator International"

CORS Student Paper Competition Open Category: Winner

Ian Yihang Zhu (University of Toronto)

"Inverse Mixed Integer Optimization: Polyhedral Insights and Trust Region Methods"

CORS Student Paper Competition Open Category: Honourable Mention

Saman Lagzi (University of Toronto)

"Model-Free Assortment Pricing with Transaction Data"

CORS Student Paper Competition Undergraduate Category: Winner

Ethan Baron (University of Toronto)

"Miss It Like Messi: Extracting a Signal from Off-Target Shots in Soccer"

CORS Student Paper Competition Undergraduate Category: Honourable Mention

Kevin He, Lacey Liang, Sherlyn Ng, Viet Trinh, Ashutosh Dubal (Simon Fraser University)

"The Vehicle Routing Problem for E-Commerce Grocery Delivery"

CORS Forestry SIG: Winner

Sahar Ahmadvand, Taraneh Sowlati (University of British Columbia)

"A Robust Optimization Model for Tactical Planning of the Forest-based Biomass Supply Chain for Syngas Production"

CORS Health Care Operational Research SIG: Winners

Negar Ganjoughighi (University of Calgary)

"When to Extend a Shift in Emergency Departments?"

Adam Lebrigue (Polytechnique Montréal)

"Master Surgery Scheduling Considering Bed Availabilities"

HAROLD LARNDER PRIZE



Ravi Ahuja

The Harold Larnder Prize is awarded annually to an individual who has achieved international distinction in operational research. The prize winner delivers the Harold Larnder Memorial Lecture, on a topic of general interest to operational researchers, at the National Conference of the Canadian Operational Research Society. Harold Larnder was a well-known Canadian in wartime OR. He played a major part in the development of an effective radar-based air defense system during the Battle of Britain. He returned to Canada in 1951 to join the Canadian Defence Research Board and was President of CORS in 1966–67.

Ravi Ahuja is the Founder & CEO of Optym, a company focused on developing decision autonomy and optimization solutions for the transportation industry. In an academic career spanning 30+ years, he has taught at MIT, Cambridge; the University of Florida, Gainesville; and IIT, Kanpur. Professor Ahuja has made significant contributions to the theory of network optimization and has published three books and 100+ research papers and book chapters. The book coauthored by him *Network Flows: Theory, Algorithms and Applications* received the prestigious Lanchester Prize in 1993 and has been the leading text and reference book worldwide in the field of network optimization for the past 30 years. Ravi Ahuja is also the winner of the 2003 Pierskalla Award, the 2006 Daniel H. Wagner Award, and the 2007 Koopman Prize given by INFORMS.

After realizing the need of optimization in the transportation industry, he founded Optym in 2000 to bring the latest R&D from the academics to solve real-world practical problems. With its headquarters based in Dallas, TX, and development centers in Eastern Europe and India, Optym now employs 200+ highly qualified team members. Optym is building SaaS solutions with a focus on automating human decision-making, and its clients include the world's largest airlines, railroads, trucking, and mining companies.

OMOND SOLANDT AWARD HALCO Software Systems

The Omond Solandt Award is awarded to an organization, private or governmental, that is deemed to have made an outstanding contribution to operational research in Canada. Dr. Solandt was the founder and first chairman of the Defence Research Board (DRB). At various times in his life, he headed the Science Council of Canada was a vice-chairman of Canadian National Railways (CNR), and Chancellor of the University of Toronto.

Alex Rapoport, Principal, Halco Software Systems (L) Taraneh Sowlati, Conference Chair (R)



CORS AWARD OF MERIT Louis-Martin Rousseau

The Award of Merit acknowledges significant contributions of a current or past member of CORS to the profession of operational research.

Jules Comeau (L) Louis-Martin Rousseau (R)

ELDON GUNN SERVICE AWARD

Fatma Gzara and Timothy Chan

The Eldon Gunn Service Award is presented to Members of the Society who have made outstanding contributions of time and service to the Society, at the national or local level, as conference organisers or as editors of CORS publications. Eldon Gunn was a major contributor to the Society since the early 1980s and to operational research in Canada since the 1970s. He was one of the first recipients of the service award in 1987 after serving in Council and acting as conference chair for the 27th CORS Annual Conference in Halifax in 1985. He went on to serve as president of the Society in 1991 and continued his service with passion up until his passing in 2016.



Fatma Gzara (L) Peter Vanberkel (R)



Timothy Chan (L) Peter Vanberkel (R)

CORS PRACTICE PRIZE

Each year CORS conducts a competition on the practice of operational research to recognize the challenging application of the OR approach to the solution of applied problems. The main criteria considered in evaluating submissions are project impact on the client organization, contribution to the practice of OR, quality of analysis, degree of challenge and quality of written and oral presentation.



Elkafi Hassini (L) Antoine Legrain (R)

First Prize

Srinivas S. Tamvada (Penn State University)
Bahareh Mansouri (Saint Mary's University)
Ramy Abdallah (McMaster University)
Elkafi Hassini (McMaster University)
Brian Bellino (Purolator International)
Khelil Khelil (Purolator Inc.)

"Gateway Consolidation for Purolator International"



Mikael Rönnqvist (L) Antoine Legrain (R)

Honourable Mention

Mikael Rönnqvist (Université Laval)
Forestry Research Institute of Sweden:
Linnea J. Hansson
Victoria Forsmark
Patrik Flisberg
Anders Mörk
Petrus Jönsson

"GoForward — an efficient tool for sequence dependent vehicle routing"

CORS STUDENT PAPER COMPETITION

Each year CORS conducts a student paper competition to recognize the contribution of a paper either directly to the field of operational research through the development of methodology or to another field through the application of operational research. The competition serves to showcase the high quality of OR education in Canada as well as the excellence of the new generation of operational researchers. Prizes are awarded in two categories: Undergraduate and Open.

Open Category Finalists

Saman Lagzi (University of Toronto)
“Model-Free Assortment Pricing with Transaction Data”

Mohamad Sadegh Shirani Faradonbeh (University of Waterloo and Stanford University)
“Asymptotic Analysis of Multi-Class Advance Patient Scheduling”

Zhoupeng (Jack) Zhang (University of Toronto)
“Implications of Worker Classification in On-Demand Economy”

Ian Yihang Zhu (University of Toronto)
“Inverse Mixed Integer Optimization: Polyhedral Insights and Trust Region Methods”
and
“Spatial Price Integration in Commodity Markets with Capacitated Transportation Networks”

Undergraduate Category Finalists

Ethan Baron, Nathan Sandholtz, Devin Pleuler and Timothy Chan (University of Toronto)
“Miss It Like Messi: Extracting a Signal from Off-Target Shots in Soccer”

Ashutosh Dubal, Kevin He, Lacey Liang, Sherlyn Ng and Tu Trinh (Simon Fraser University)
“The Vehicle Routing Problem for E-Commerce Grocery Delivery”

Eshaank Joshi, Tarunjeev Juneja, Trevor Noble and Evan Vulliamy (Simon Fraser University)
“Locating and Funding School's Out Programs”

CORS SPECIAL INTEREST GROUPS

CORS Council approved a policy on Special Interest Groups (SIGs). A SIG provides a mechanism to promote CORS, the SIG area and the SIG members, as well as the opportunity for CORS members with common interests to interact and network.

Analytics SIG

Gregory Paradis, cors.analytics.sig@01101.io
University of British Columbia
www.cors.ca/SIG/Analytics

Forestry SIG

Foroogh Abasian, foroogh.abasian@fpinnovations.ca
FPInnovations
www.cors.ca/SIG/Forestry

Health Care Operational Research SIG

Valérie Bélanger, valerie.3.belanger@hec.ca
HEC Montréal
www.cors.ca/SIG/HCOR

Queueing and Applied Probability SIG

Yichuan Ding, daniel.ding@mcgill.ca
McGill University
www.cors.ca/SIG/Queueing

If you would like to join a SIG, contact the people listed above, or indicate that you would like to join when you renew your CORS membership.

CORS encourages members with common interest in an area within or related to operational research to form additional SIGs.

More information about SIGs can be found online at www.cors.ca/?q=content/communities

If you are interested in forming a SIG in a particular area, contact:

Samira Abbasgholizadeh-Rahimi (vicepresident@cors.ca)

SIG NEWS

Forestry SIG

David Martell Student Paper Prize in Forestry

Winner

Sahar Ahmadvand (University of British Columbia)
“A Robust Optimization Model for Tactical Planning of the Forest-based Biomass Supply Chain for Syngas Production”

Finalist

Salar Ghotb (University of British Columbia)
“A Goal Programming Model for the Optimization of Log Logistics Considering Sorting Decisions and Social Objective”

Judges: David Martell, Luc Lebel, Foroogh Abasian

Health Care Operational Research SIG

Student Oral Presentation Competition

Winners

Negar Ganjoughaghi (University of Calgary)
“When to Extend a Shift in Emergency Departments?”

Adam Lebrigue (Polytechnique Montréal)
“Master Surgery Scheduling Considering Bed Availabilities”

Finalists

Faraz Khoshbakhtian (University of Toronto)
“Machine Learning for Early Detection of Severe COVID Infection”

Sara Ahmed (Concordia University)
“Healthcare Distribution Network in the New Carrier Economy”

Queueing and Applied Probability SIG

At the Queueing SIG business meeting on June 5, which was moderated by Prof. Vahid Sarhangian, the participants discussed and voted to change the name of the Queueing SIG to “Queueing and Applied Probability SIG”. Following the current bylaw of the Queueing SIG, an online poll was initiated by the current President of the Queueing SIG, Prof. Yichuan Ding, on *SurveyMonkey*. The poll was sent to all the Queueing SIG members and remained effective from June 11, 2022 until June 24, 2022. Below are the two questions:

Q1 Do you support the following amendment to the bylaw of the Queueing SIG, that is, changing "1. The Queueing Special Interest Group (herein referred to as “The SIG”) operates as part of the Canadian Operational Research Society (herein referred to as “CORS”)." to "1. The Queueing **and Applied Probability** Special Interest Group (herein referred to as “The SIG”) operates as part of the Canadian Operational Research Society (herein referred to as “CORS”)."?

A. In favor. B. Against. C. Abstention

Q2 Do you support the following amendment to the bylaw of the Queueing SIG, that is, changing "2. The purpose of the SIG is to provide a specialized forum within CORS for the field of queueing." to "2. The purpose of the SIG is to provide a specialized forum within CORS for the field of queueing **and applied probability**."?

A. In favor. B. Against. C. Abstention

At the end of June 24, 2022, a total of 35 vote results were received, including 33 “In favor”, 1 “Against” and 1 “Abstention” for Q1 and 35 “In favor” for Q2. The results of the survey were disclosed to all the Queueing SIG members. On July 6, 2022, Prof. Yichuan Ding, representing the Queueing SIG, filed a formal application to the CORS Council for adopting the new name “Queueing and Applied Probability SIG” instead of “Queueing SIG” in future correspondence.

SECTION & CHAPTER NEWS

Hamilton Student Chapter

The Hamilton Student Chapter of the Canadian Operational Research Society was founded in June 2022. The current president is Si Liu, and other leaders, including Emanuele Blasioli, Nishit Bhavsar, and Yunfei Ma, come from the DeGroote School of Business and the Department of Computational Science and Engineering at McMaster University. It is supervised by Dr. Elkafi Hassini, the associate dean of research at the DeGroote School of Business and Chair of the Smart Freight Center. The chapter aims to facilitate the research performance and the equity, diversity, and accessibility (EDI) within the students' community who are interested in operation research in the Greater Hamilton area.

2022–2023 CORS BUDGET

	2020-2021		2021-2022		2022-2023
	Budget	Actual	Budget	Actual	Budget
I. Revenue					
Membership	30,000	27,122.25	30,000	46,330.00	30,000
Conference	10,000	33,519.20		42,750.60	
Conference Advance	40,000	10,000.00	40,000	40,000.00	40,000
INFOR		41,082.29		20,039.58	
Sales Tax Collected		4,052.75			
Miscellaneous				270.00	
Total Revenue	80,000	115,776.49	70,000	149,390.18	70,000

II. Expenses					
Professional Services					2,500
Administrative Support	12,000	12,150.00	12,600	12,600.00	12,600
Supplies, Other Expenses	2,000	3,093.34	2,000	1,470.95	2,000
Bookkeeping Support	4,800	4,000.00	4,800	5,200.00	4,800
Bookkeeping Expenses	200	272.65	200	542.40	1,000
Translation Services	2,500	1,657.07	2,500	835.54	2,500
Council Meeting	4,000	236.42	4,000		4,000
Section Shares	15,000		15,000		15,000
Section Shares of Conf Profit	2,000				
IFORS Subscription	600		1,500		1,500
Conf Expenses (Lamder, etc.)	4,000		4,000		4,000
Conference Advance Paid					
Awards/Prizes	3,600	750.00	3,600	2,000.00	3,600
Travelling Speaker Program	2,000		2,000		2,000
INFOR		24,621.60		1,080.00	
Sales Tax Remitted	15,000		15,000		
Bank, Credit Card Charges	1,500	1,407.76	1,500	1,941.26	1,500
Web Services	5,000		5,000	1,182.82	5,000
Conference GSF	8,000		8,000	966.15	8,000
Miscellaneous		230.14		764.70	
Total Expenses	82,200	48,418.98	81,700	28,583.82	70,000

Total Revenue - Total Expenses	(2,200)	67,357.51	(11,700)	120,806.36	0.00
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	Opening (April 1, 2021)	Closing (March 31, 2022)
Chequing	146,153.44	262,897.06
PayPal	31,175.00	45,380.00
Total Cash Assets	177,328.44	308,277.06

2021–2022 CORS MEMBERSHIP REPORT

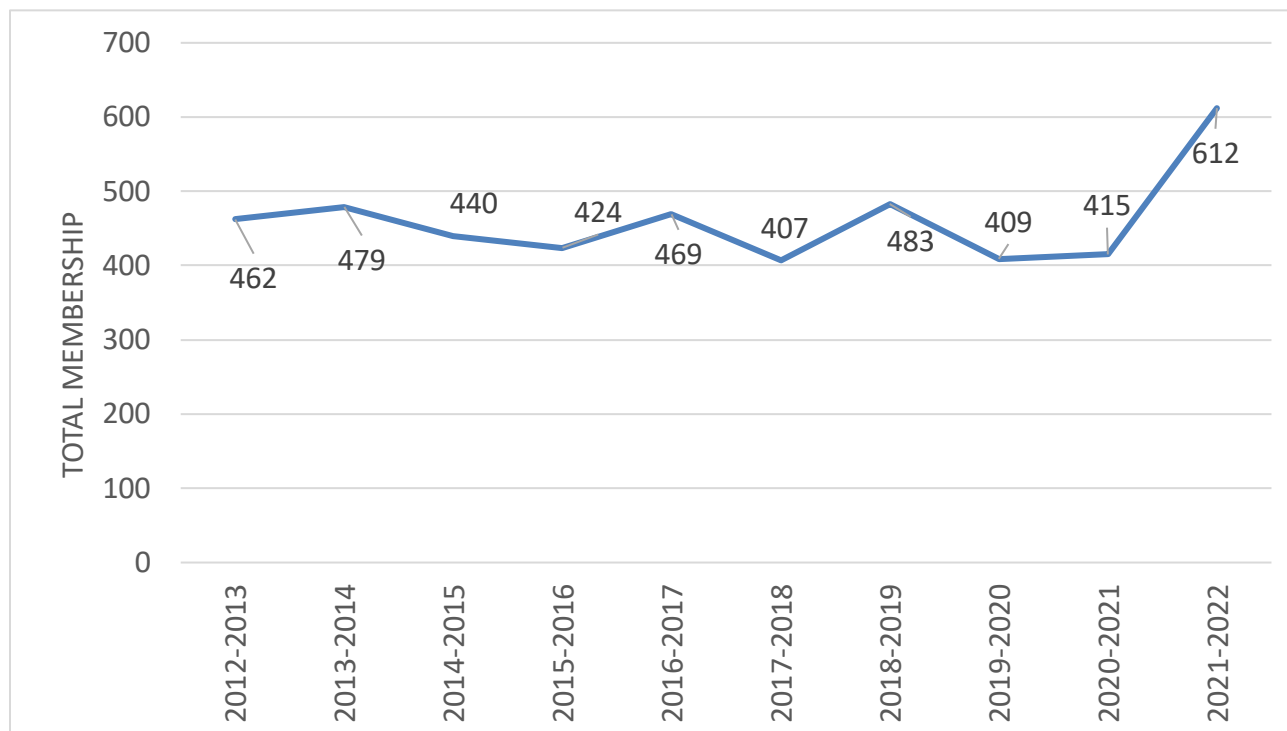
I am pleased to submit the 2021–2022 Annual Membership Report of the Canadian Operational Research Society, which documents the membership activities experienced by the Society over the past year, for the consideration of CORS Council. The report provides Council with the information it needs to assess the health and well-being of the Society; to monitor the effectiveness of membership processes and practices; and to identify areas where policy initiatives or changes may be required.

This report reveals that CORS experienced **an increase in membership in 2021–2022 of 47.5%**.

These graphs summarize the report, which can be seen in full on the CORS website www.cors.ca

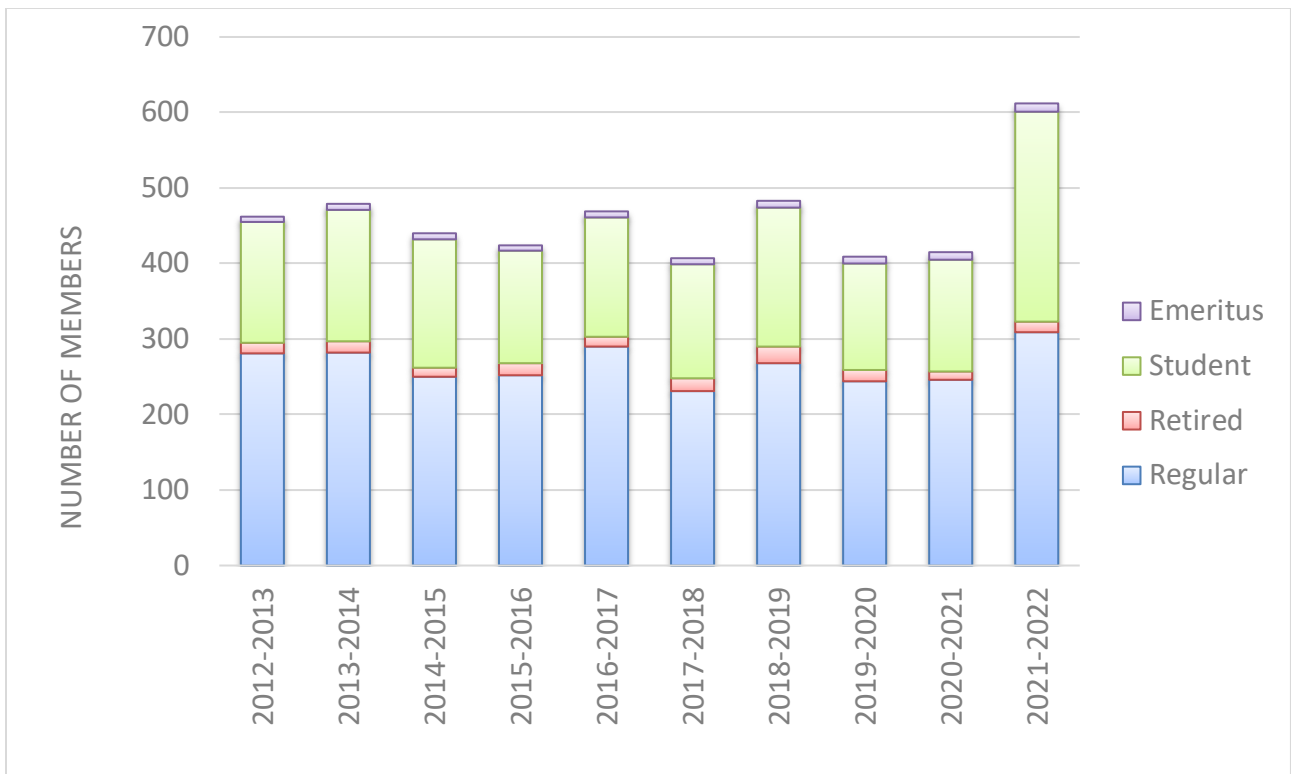
Erla Anderson, Membership Services

CORS Membership 2012–2022

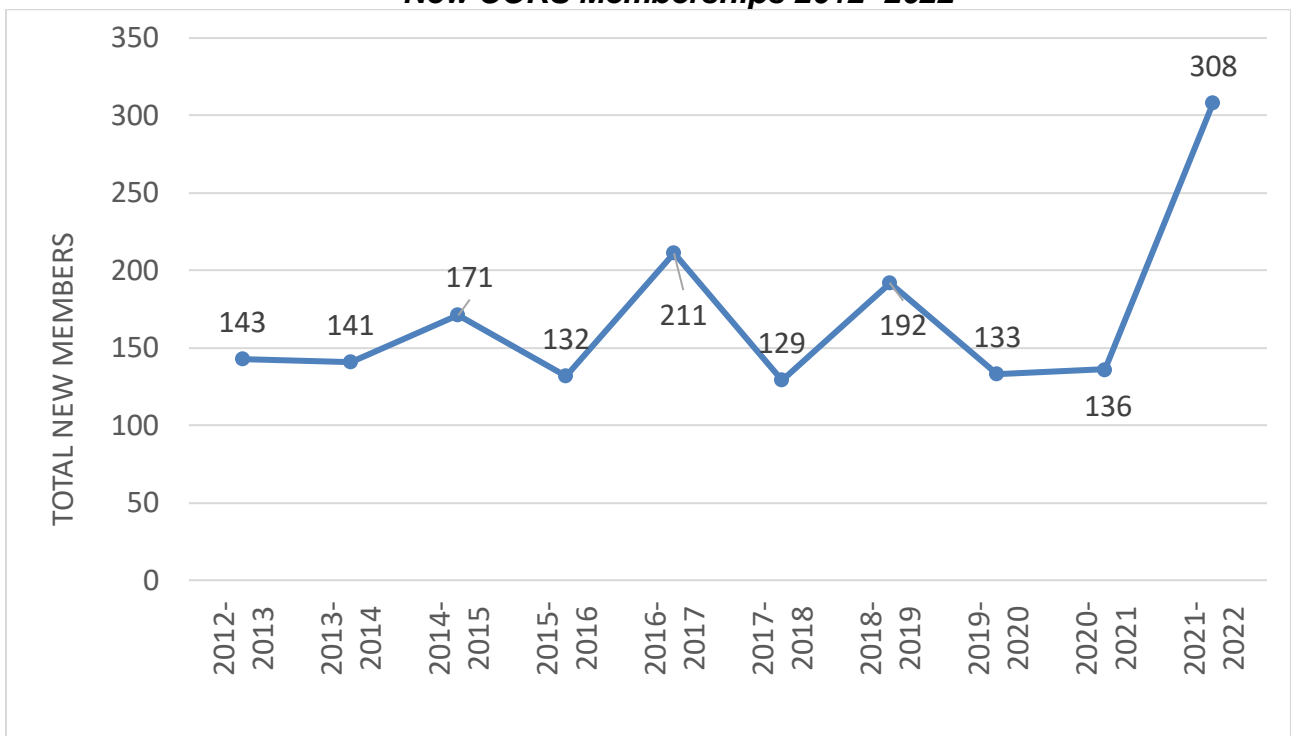




CORS Membership by Member Type 2012–2022



New CORS Memberships 2012–2022



Queen's University, Smith School of Business Black or Indigenous Business Scholar

Smith School of Business at Queen's University (Kingston, Ontario, Canada) invites applications for a tenure-track Black or Indigenous Business Scholar position at the rank of Assistant Professor, with a preferred starting date of July 1, 2023. In the instance that an exceptional candidate is identified, a tenured appointment at the rank of Associate Professor or Professor will be considered. Applications are welcome from any business discipline.

Applicants must self-identify as Black persons from Africa or of the African diaspora (e.g., African and Africa descended people from the Caribbean, North America, Europe, or Latin America), or they must self-identify as First Nations, Inuit or Métis.

In accordance with the University's Employment Equity Program and pursuant to the Ontario Human Rights Code (OHRC) Section 14, this selection will be limited to Black or Indigenous peoples. Candidates from Indigenous communities and the groups noted above are encouraged to self-identify. Recognizing that identities can intersect, Black and Indigenous people who also identify as women, persons with disabilities and 2SLGBTQ+ are encouraged to apply. In accordance with Canadian Immigration requirements Canadian citizens and permanent residents of Canada will be given priority.

Our aim in narrowing this job advertisement to two very specific under-represented groups is to provide targeted opportunities as allowed by the OHRC as a special program for Black or Indigenous scholars to enrich our Smith community. Engaging under-represented scholars to share their work experiences and viewpoints with students and colleagues will help offer an authentically inclusive learning experience. It is also an opportunity to correct the historic underrepresentation at Smith of Black and Indigenous scholars.

Qualifications

Candidates must have completed, or be nearing completion of (ABD), a PhD or equivalent degree at the start of the appointment. ABD candidates must complete their PhD within one year of the start of their appointment. The main criteria for selection are academic and teaching excellence. Candidates' contribution and commitment to diversity at the school are also considered in selection decisions. The successful candidate will exhibit strong potential for innovative and high-quality scholarly research, as well as strong potential for outstanding teaching contributions at both undergraduate and graduate levels, and an ongoing commitment to academic and pedagogical excellence in support of the School's various public and private programs. The successful candidate will be required to make contributions through service to the School, the University, and/or the broader academic community, and contribute to fostering an equitable, diverse and inclusive academic and work environment. In addition to the above, a successful candidate for an Associate Professor level position or higher will have a strong track record of publications and research impact and a strong teaching record.

Smith School of Business

Smith School of Business is one of the world's premier business schools, with an outstanding reputation for innovation and quality. Our MSc and PhD programs in Management attract highly qualified research-oriented students in many fields of study. Our undergraduate Commerce program has among the highest entrance standards in Canada and is widely viewed as the country's best undergraduate business program. Queen's has gained international recognition for its MBA and executive education programs and is fully accredited by AACSB and EQUIS. The learning environment at Queen's is supported by outstanding library and computing facilities.

Smith School of Business has a number of established research centres and institutes that support a wide range of research interests, including the Centre for Social Impact and the Scotiabank Centre for Customer Analytics, part of the world-class ecosystem in Analytics and AI that was awarded the 2020 Informs UPS George D. Smith Prize for Innovation in Higher Education. We also have substantial ties to industry, government, non-profits and other higher education institutions, including a large network of industry experts on the [Smith Advisory Board](#), to advance the impact of research, teaching, and service.

Faculty at Smith School of Business Queen's University

Smith School of Business is renowned for its excellence, innovation, and leadership in business education and research. Faculty at Smith are strong researchers with expertise covering all areas of business and organizational research organized under ten area groups: Accounting, Business Economics, Digital Technology, Finance, General Management, International Business, Management Analytics, Marketing, Organizational Behaviour, and Strategy. Applications are welcome from any business discipline.

For more information about our faculty members see:
https://smith.queensu.ca/faculty_and_research/faculty.php

Equity, Diversity, Inclusion and Indigenization

Smith School of Business is committed to cultivating a vibrant, diverse and inclusive academic and work environment rooted in a culture of mutual respect and equity so that all members of our community feel safe, possess a strong sense of belonging and are empowered to thrive.

To learn more about our commitment please see: <https://smith.queensu.ca/about/EDII/index.php>

Compensation

Salary will be commensurate with qualifications and experience. Appointees have access to internal funds both for research and course development through Smith School of Business Research Program and our Faculty Development Fund. The School also provides faculty members with support in their applications to external research granting agencies such as the Social Sciences and Humanities Research Council of Canada, among others. Smith School of Business faculty members have been quite successful with external research grant competitions.

Institution

Queen's University is one of the top universities in Canada and has a long and rich tradition of academic excellence, dating back to a royal charter granted by Queen Victoria in 1841. People from across Canada and around the world come to learn, teach, and carry out research at Queen's University. Faculty and their dependents are eligible for an extensive benefits package including prescription drug coverage, vision care, dental care, long term disability insurance, life insurance and access to the Employee and Family Assistance Program. You will also participate in a pension plan. Tuition assistance is available for qualifying employees, their spouses and dependent children. Queen's values families and is pleased to provide a 'top up' to government parental leave benefits for eligible employees on maternity/parental leave. In addition, Queen's provides partial reimbursement for eligible daycare expenses for employees with dependent children in daycare. Details are set out in the Queen's-QUFA Collective Agreement. For more information on employee benefits, see [Queen's Human Resources](#). Additional information about Queen's University can be found on the [Faculty Recruitment and Support](#) website. Visit [Inclusive Queen's](#) for information on equity, diversity and inclusion resources and initiatives.

The City

The University is situated on the traditional territories of the Haudenosaunee and Anishinaabe, in historic Kingston on the shores of Lake Ontario. Queen's is an integral part of the Kingston community, with the campus nestled in the core of the city, only a 10-minute walk to downtown. Kingston's residents enjoy an outstanding quality of life with a wide range of cultural and creative opportunities. Kingston is a unique Canadian city of 125,000 with a distinct blend of history, recreation, industry, and learning. Kingston offers unique waterfront living with many recreational opportunities. It is within a two-and-a-half hour drive (two-hour train ride) to the commercial, industrial and political hubs of Toronto, Montreal, and the nation's capital, Ottawa, and a thirty minute drive from the international bridge linking Ontario and upstate New York. The city is also the origin of the historic Rideau Canal system – a UNESCO International Heritage site.

How to Apply

The effective date of the appointment will be July 1, 2023, but is flexible.

The University will provide support in its recruitment processes to applicants with disabilities, including accommodation that takes into account an applicant's accessibility needs. If you require accommodation during the interview process, please contact: Brittany Lovelock at brittany.lovelock@queensu.ca. Academic staff at Queen's University are governed by a Collective Agreement between the University and the [Queen's University Faculty Association \(QUFA\)](#), which is posted at https://www.queensu.ca/facultyrelations/sites/frowww/files/uploaded_files/QUFA/Collective%20Agreement/QUFA%20CA%202019-22%20clean%20June%209%202022%20for%20web.pdf and at <http://www.qufa.ca>.

To comply with Federal laws, the University is obliged to gather statistical information about how many applicants for each job vacancy are Canadian citizens/permanent residents of Canada. Applicants need not identify their country of origin or citizenship; however, all applications must include one of the following statements: “I am a Canadian citizen/permanent resident of Canada”; OR, “I am not a Canadian citizen/permanent resident of Canada”. Applications that do not include this information will be deemed incomplete. Your application cover letter must include one of these two citizenship statements.

Applicants’ membership in equity deserving groups is considered when inviting candidates for interviews. Applicants will receive an invite to provide this information at a later time from Queen’s Human Rights and Equity Office. In addition, the impact of certain circumstances that may legitimately affect a nominee’s record of research achievement will be given careful consideration when assessing the nominee’s research productivity. Candidates are encouraged to provide any relevant information about their experience and/or career interruptions.

The [Queen’s University Policy Regarding Mandatory Vaccination Requirements for In-person University Activities](#) requires **ALL** Community Members, including employees, to be Fully Vaccinated against COVID-19 prior to participating in any In-person University Activities. This is a condition of employment for all employees who are required to attend University Property to perform their employment responsibilities. Individuals who cannot be vaccinated due to **substantiated grounds** (medical and other protected grounds under the Ontario Human Rights Code) **may ask the University to validate the exemption** and request an accommodation in these rare circumstances. If approved, they will be subject to additional health and safety measures.

Applicants should submit:

- A cover letter
(including one of the two statements regarding Canadian citizenship/permanent resident status previously specified)
- A current Curriculum Vitae (including a list of publications)
- Evidence of research, including a job market paper and a Research Statement
- A Statement of teaching interests and experience (including course outlines and evaluations if available)
- A Diversity Statement that explains experience with, and commitment to, facilitation and promotion of Indigenization, equity, diversity and inclusion
- Three letters of reference

The position will remain open until filled.

Submitting your application

Please submit your application package via Interfolio Faculty Search through the following link:

<http://apply.interfolio.com/112074>

If you have any questions regarding the application process, please contact Brittany Lovelock, Senior Staffing Officer in the Office of the Dean, at brittany.lovelock@queensu.ca.

Note: only selected candidates will be contacted for interviews.

Please also note that Under Section 14 of the OHRC, it is not discrimination to put in place a special hiring program if it is designed to:

- Relieve hardship or economic disadvantage
- Help disadvantaged people or groups to achieve, or try to achieve, equal opportunity or
- Help eliminate discrimination



Applications are invited from qualified individuals for a tenure track position with the Department of Finance & Management Science. The successful candidate will be required to initiate, lead, and participate in research activities, pursue external funding to support such research activities, teach undergraduate and graduate courses in areas related to supply chain management, supervise student research projects, and undertake relevant administrative activities, including meetings and committee work, in a collaborative, collegial environment, where teaching expertise and the ability to publish research in quality journals are highly valued.

The AACSB accredited Edwards School of Business has an undergraduate business program with approximately 2,500 students. We also have thriving M.Sc. Finance, M.Sc. Marketing, Master of Professional Accounting, and MBA programs. The school is also a contributor to the Ph.D. in Applied Economics program. Please visit our website at <http://www.edwards.usask.ca> for more information about the Edwards School of Business.

The University of Saskatchewan's main campus is situated on Treaty 6 Territory and the Homeland of the Métis. The University of Saskatchewan is located in Saskatoon, Saskatchewan, a city with a diverse and thriving economic base, a vibrant arts community and a full range of leisure opportunities. The University has a reputation for excellence in teaching, research, and scholarly activities and it offers a full range of undergraduate, graduate, and professional programs to a student population of over 25,000.

Qualifications

Minimum qualifications are a Ph.D. degree specializing in Supply Chain Management (or equivalent) from a recognized university with a well-established record of conducting and publishing top quality research, which must be completed before the start date. Candidates must have an interest and ability to engage in scholarly activities as evidenced by an established research agenda with the potential to publish high quality research in leading supply chain or operations research/management journals. They must also demonstrate effective classroom teaching skills and student mentorship abilities in areas related to supply chain management, such as purchasing and inventory management, and operations management, as well as effective interpersonal and communication skills. Teaching and research interests in other relevant areas may also be considered. The candidate is expected to teach both undergraduate and graduate courses and to supervise research-oriented graduate and undergraduate students (B.Comm. Honours and Ph.D. Applied Economics), with a typical teaching load of four courses per year. Being familiar with optimization, simulation, and ERP software and having a professional designation (e.g. SCMP) are desirable.

Starting salary bands for the 2022-2023 academic year are as follows: Assistant Professor: \$99,945 to \$120,02; Associate Professor: \$120,102 to \$140,258; and Professor \$140,258 to \$163,774, with a higher starting salary in rare and exceptional circumstances pursuant to Article 18.2.6.12 of the 2017-2022 USFA Collective Agreement (<https://usaskfaculty.ca/collective-agreement/>).

This position offers a comprehensive benefits package that includes a dental, health, and extended vision care plan, pension plan, life insurance (compulsory and voluntary), academic long-term disability, sick leave, travel insurance, death benefits, an employee assistance program, a professional expense allowance, and a flexible health and wellness spending program.

Interested candidates must submit via email, a cover letter, a detailed curriculum vitae, a sample research paper, a teaching statement including teaching evaluations, and shortlisted candidates should arrange for three letters of reference to be sent to:

Craig Wilson, Department Head
Finance & Management Science
Email: Scm.search@share.usask.ca

Due to federal immigration requirements, we also ask candidates to indicate whether they are Canadian citizens, permanent residents, or are otherwise already authorized to work at this position for the duration of the appointment, with an explanation if this last category is indicated.

Review of applications will begin in September 2022; however, applications will be accepted and evaluated until the position is filled. The anticipated start date is July 1, 2023.

The University believes equity, diversity, and inclusion strengthen the community and enhance excellence, innovation and creativity. We are dedicated to recruiting individuals who will enrich our work and learning environments. In alignment with the University's employment equity mandate, we encourage applications from aboriginal people, persons with disabilities, visible minorities, and women. All qualified candidates are encouraged to apply; however, in accordance with Canadian immigration requirements, Canadian citizens and permanent residents will be given priority.

We are committed to providing accommodations to those with a disability or medical necessity. If you require an accommodation in order to participate in the recruitment process, please notify us and we will work together on the accommodation request.

The University of Saskatchewan's main campus is situated on Treaty 6 Territory and the Homeland of the Métis. We pay our respects to the First Nations and Métis ancestors of this place and reaffirm our relationship with one another. Together, we are uplifting Indigenization to a place of prominence at the University of Saskatchewan.



MEETINGS AND CONFERENCES

CORS Business Meetings

8 June 2022	Meeting #1, Vancouver
16 Sep 2022	Meeting #2, Teleconference
18 Nov 2022	Meeting #3, Montreal
20 Jan 2023	Meeting #4, Teleconference
17 Mar 2023	Meeting #5, Teleconference
21 Apr 2023	Meeting #6, Teleconference, Financial Planning Committee
28 May 2023	Meeting #7, Montreal
29 May 2023	Meeting #8, Montreal, SIGs, Sections, Chapters
30 May 2023	Meeting #9, Montreal, CORS AGM

CORS Annual Conferences

29–31 May 2023	Annual Conference, Joint with Optimization Days, Montreal, QC
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WWW Conference Listings

CORS: www.cors.ca/?q=content/cors-annual-conferences

INFORMS: <https://www.informs.org/Meetings-Conferences>

IFORS: www.ifors.org/web

Netlib Conference Database: <ftp://ftp.cc.ac.cn/netlib/confdb/Conferences.html>

SIAM: www.siam.org/meetings/calendar.php

POMS: <https://pomsmeetings.org>

EURO: www.euro-online.org/web/pages/460/calendar

THE NEXT ISSUE

The next issue of the Bulletin will be published in **November**. Contributions to this issue, especially news on the activities of local sections or CORS members, should be submitted by **21 October 2022** to:

Andrea Friars
Editor, CORS Bulletin
Email: AndreaFriars@gmail.com

The preferred method of submission is by an MS Word attachment to an email.

CORS BULLETIN TRANSLATION POLICY

Items that are CORS business will be translated into English and French. All other items will be published in the language they are submitted in.

CORS BULLETIN ADVERTISING POLICY

Ads cost \$120 per page, proportional for fractional pages. Logos and prepared layouts can be accommodated. This fee also includes distribution of the advertisement on the CORS Mailing List. Direct inquiries to the Editor.

CORS MAILING LIST

As a benefit of membership, members may use the CORS Mailing List to transmit messages, announcements, and job postings to the entire membership or to a targeted subgroup such as a local section. For example, you can send

- messages regarding the activities and business of the society
- announcements about conferences, conference sessions, special journal issues, seminars, or other activities if these are related to operational research in its broadest sense
- job postings of general interest to CORS members

The Mailing List is not used for commercial purposes, and all messages are vetted before they are sent out. To submit items to the Mailing List, please email members@cors.ca

For non-members, a fee of \$60 is charged for the distribution of job postings and other announcements or messages of interest to the CORS membership.

The **Canadian Operational Research Society** was founded in 1958. Its goal is to advance the theory and practice of OR and to stimulate and promote contacts between people interested in the subject.

Publications: A quarterly scientific journal called *INFOR* and a news *Bulletin*.

Meetings: An annual national conference with an award ceremony, occasionally organized jointly with an international society (IFORS, INFORMS), and numerous local events organized by local sections.

Local Sections & Chapters: CORS has twelve local sections located throughout Canada and six student chapters.

Awards and Prizes: CORS presents the following annual awards and prizes at its conference:

Award of Merit for significant contributions of a present or past member of CORS to the profession of OR.

Harold Larnder Award to an individual who has achieved international distinction in OR.

Omond Solandt Award to an organization, private or governmental, that is deemed to have made an outstanding contribution to OR in Canada.

Practice Prize for the challenging application of the OR approach to the solution of applied problems.

Eldon Gunn Service Award for outstanding contributions of time and service to the society.

Student Paper Competition to recognize the contribution of a paper either directly to the field of OR through the development of methodology or to another field through the application of OR.

Graduate Student Funding: CORS encourages attendance of graduate students at its conference by providing partial funding. Visit CORS website for details.

CORS Diploma: This diploma is awarded to students graduating from a university curriculum comprising several OR courses. Criteria may be found on the CORS website.

Membership Directory: An online directory of CORS members is available as a membership benefit.

To join CORS: Go to the CORS website and join online by credit card using the form found under membership or complete the PDF application form found on the CORS website and mail it with payment to the address below.

Fees: Member \$110; Retired Member \$55; Student Member \$45 (including post-doctoral fellows)

Website: www.cors.ca

INFOR: www.tandfonline.com/loi/tinf20

LinkedIn: www.linkedin.com/company/canadian-operational-research-society

Twitter: @CORS_President