



CORS • SCRO

Canadian Operational Research Society

Société canadienne de recherche opérationnelle

The  
Bulletin

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## IN THIS ISSUE

Bulletin Editor, Andrea Friars

Dear CORS members,

Peter Vanberkel starts things off with a very comprehensive president's message including updates on the great initiatives that have been keeping council members busy this past quarter.

Secondly, please take a moment to read the society's newly approved equity, diversity and inclusion statement, also available on the CORS website.

Next there are details on how to renew your CORS membership and information on funding opportunities. Spread the word about graduate student funding to attend the conference in particular. Speaking of which, have you booked your travel for the May 29–31 conference yet?

There are four open positions for council next year, so consider engaging with the society in a new way. It's also time to submit nominations for the CORS awards or submit a paper to the student paper competition. Several SIGs also have updates in advance of the conference. It's a busy time of year to be a member, so don't delay!

Cheers,

*Andrea*

### Elected Officers

President  
Vice President  
Past President  
Secretary  
Treasurer  
Councillors

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

### Standing Committees

Awards  
Education  
Membership  
Program  
  
Public Relations  
Publications  
Special Interest Groups

Samira Abbasgholizadeh-Rahimi  
Nadia Lahrichi  
Gregory Paradis  
Samira Abbasgholizadeh-Rahimi  
Taraneh Sowlati, Nadia Lahrichi  
Sibel Alumur Alev  
Joe Naoum-Sawaya, Andrea Friars  
Sibel Almur Alev, Peter Vanberkel  
Houra Mahmoudzadeh  
Samira Abbasgholizadeh-Rahimi  
Jules Comeau, Peter Vanberkel  
past presidents

Past Presidents Advisory  
Board

### Ad hoc Committees

Practice Prize  
Award of Merit  
  
Student Paper Competition  
  
Financial Planning  
  
Accounting System Project  
Industry  
Micro Events  
  
Equity, Diversity, Inclusivity  
  
Students  
  
Nominating  
INFOR Editor  
Travelling Speakers Program  
IFORS Representative

Antoine Legrain  
Jules Comeau, Mikael Rönqvist  
Louis-Martin Rousseau  
Tamon Stephen (Open)  
André Ciré (Undergraduate)  
Gregory Paradis, Jules Comeau  
Peter Vanberkel  
Samira Abbasgholizadeh-Rahimi  
Gregory Paradis, Jules Comeau  
Masoud Chitsaz  
Marco Bijvank, Masoud Chitsaz  
Houra Mahmoudzadeh  
Samira Abbasgholizadeh-Rahimi  
Peter Vanberkel (co-chairs)  
Sibel Alumur Alev, Gregory Paradis  
Houra Mahmoudzadeh  
Peter Vanberkel, Jules Comeau  
Nadia Lahrichi  
Jules Comeau  
Joe Naoum-Sawaya  
Jules Comeau  
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](http://www.cors.ca) for a complete listing.

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

## SECTION AND CHAPTER PRESIDENTS

Atlantic	Claver Diallo, Dalhousie University, <a href="mailto:claver.diallo@dal.ca">claver.diallo@dal.ca</a>
Quebec & Quebec Student	Irène Abi-Zeid, Université Laval, <a href="mailto:irene.abi-zeid@osd.ulaval.ca">irene.abi-zeid@osd.ulaval.ca</a>
Montreal	Nadia Lahrichi, Polytechnique Montréal, <a href="mailto:nadia.lahrichi@polymtl.ca">nadia.lahrichi@polymtl.ca</a>
Ottawa	Dragos Calitoiu, Carleton University, <a href="mailto:calitoiu@math.carleton.ca">calitoiu@math.carleton.ca</a>
Kingston	Mohan Chaudhry, Royal Military College of Canada, <a href="mailto:chaudhry-ml@rmc.ca">chaudhry-ml@rmc.ca</a>
Toronto	Hassan Anis, University of Toronto, <a href="mailto:hassan.anis@mail.utoronto.ca">hassan.anis@mail.utoronto.ca</a>
Southwest Ontario	Joe Naoum-Sawaya, Western University, <a href="mailto:jnaoum-sawaya@ivey.ca">jnaoum-sawaya@ivey.ca</a>
Saskatoon	Hamed Samarghandi, University of Saskatchewan, <a href="mailto:samarghandi@edwards.usask.ca">samarghandi@edwards.usask.ca</a>
Calgary	Marco Bijvank, University of Calgary, <a href="mailto:secretary@cors.ca">secretary@cors.ca</a>
Edmonton	Armann Ingolfsson, University of Alberta, <a href="mailto:armann.ingolfsson@ualberta.ca">armann.ingolfsson@ualberta.ca</a>
Vancouver	Gregory Paradis, University of British Columbia, <a href="mailto:0@01101.io">0@01101.io</a>
Waterloo Student	Kiefer Joe Burgess, University of Waterloo, <a href="mailto:kjburgess@uwaterloo.ca">kjburgess@uwaterloo.ca</a>
Montreal Student	Başak Tozlu, Concordia University, <a href="mailto:basaktozlu@gmail.com">basaktozlu@gmail.com</a>
Toronto Student	Moira MacNeil, University of Toronto, <a href="mailto:m.macneil@mail.utoronto.ca">m.macneil@mail.utoronto.ca</a>
Hamilton Student	Si Liu, McMaster University, <a href="mailto:lius278@mcmaster.ca">lius278@mcmaster.ca</a>
Okanagan Student	Mohammad Mosaffa, UBC Okanagan, <a href="mailto:mohammad.mosaffa@ubc.ca">mohammad.mosaffa@ubc.ca</a>



## PRESIDENT'S MESSAGE

Dear Colleagues,

Since my last update, Council met in Montreal for our one in-person council meeting of the year. We were joined by Moira MacNeil who is a PhD Candidate at the University of Toronto and who was selected by the Student Chapters to represent them on council. It was great to have her with us to provide a voice for our student members. Thanks to Councillor Houra Mahmoudzadeh for working with Student Chapter leaders and leading our student outreach initiatives.

One outcome from our meeting in Montreal was the formal approval of our Equity, Diversity, and Inclusion Statement. The statement, which is included in this bulletin and on [www.cors.ca](http://www.cors.ca), outlines CORS/SCRO's EDI goals and commitments based on the Tri-Agency Statement on Equity, Diversity and Inclusion (EDI) and the CRC EDI Action Plan. Thanks to EDI Committee co-chair Samira Rahimi and the EDI committee for bringing this to fruition and for all ongoing EDI initiatives.



We have a few administrative updates to share. We have a new physical mailing address replacing our PO box address, which wasn't acceptable to Innovation, Science and Economic Development Canada. We now have Directors & Officers Liability Insurance and Commercial General Liability (CGL) Insurance to align our insurance coverage with similar not-for-profit organizations and to protect society officers and the society as we host events. And a small, but annoyance-reduction update is that members can now look up their Membership ID on [www.cors.ca](http://www.cors.ca) when renewing their memberships. Speaking of membership renewals, it's time to renew your CORS/SCRO membership at [www.cors.ca](http://www.cors.ca) Forgot your Membership ID? No problem, it can be looked up on the membership renewal page! It's an exciting time for CORS/SCRO: our membership has increased ~30% compared to 2021, we now boast 6 SIGs (up 50% from 2021), we are back to meeting in person, and we are getting ready for CORS/JOPT 2023 in Montreal. So please renew your membership today!

Our annual conference is jointly organized this year with CIRRELT and is being held at HEC Montreal from May 29–31, 2023. It's time to prepare and submit your abstract, as the website is now open for submissions. You can submit individual presentations or create sessions to group multiple presentations. Funding is available to support students attending CORS/JOPT 2023 in Montreal. Visit [www.cors.ca](http://www.cors.ca) for details.

The latest issue of our journal INFOR features an obituary of the late Prof. Bernard Gendron, former Editor-in-Chief of INFOR: Information Systems and Operational Research (2006–14). The obituary is available in English (en français) and authored by Prof. Teodor Gabriel Crainic, Prof. Antonio Frangioni, and Prof. Michel Gendreau.

Finally, this bulletin includes a number of reminders which are important for members. The bulletin reports the open council positions for 2023–24, the CORS/SCRO awards for which we are seeking nominations, and the upcoming CORS/SCRO competitions. Please have a look and consider how best to engage with CORS/SCRO. Your participation on council, in nominating award recipients, and/or in competitions adds energy to the society and is what makes it great!

*Peter*



## ANNOUNCEMENTS

### **CORS/SCRO Commitment Statement on Equity, Diversity and Inclusion**

CORS/SCRO recognizes that a more equitable, diverse and inclusive Society is paramount to achieve our core objective — the advancement of the theory and practice of Operational Research in Canada. CORS/SCRO is committed therefore to seeking diverse, equitable, and inclusive participation within our membership. To achieve these goals, CORS/SCRO is committed to [1]:

Promoting the integration of equity, diversity and inclusion-related considerations in all our activities  
Increasing equitable and inclusive participation in the Society, including our SIGs, Sections, and Student Chapters, Council and other leadership positions  
Collecting the data and conducting the analyses needed to include equity, diversity and inclusion considerations in decision-making and to direct our improvement actions  
Supporting equitable access to funding opportunities, awards, and recognitions, for all members

With these commitments, CORS/SCRO will work with our membership to achieve an inclusive CORS/SCRO Society culture that is relevant and accessible to diverse populations.

Equity: Equity strives to treat everyone fairly with the recognition that each person has different circumstances and allocates the exact resources and opportunities needed to reach an equal outcome.

Diversity and Inclusion: Diversity means including a range of people and perspectives and Inclusion means the act of social inclusion of groups that are normally marginalized and the social values they subscribe to.

For the Society, we define EDI as a conscious effort to include a diverse range of social identities and perspectives including those normally marginalized in decision making on social and health issues that impact their lives.

[1] <footnote> These commitments are based on the Tri-Agency Statement on Equity, Diversity and Inclusion (EDI) and the CRC Equity, Diversity and Inclusion Action Plan.



## Council Corner

This section of the CORS Bulletin highlights recent discussions by the CORS Council and motions of particular interest that have been passed.

- That the EDI statement prepared by the EDI committee be accepted.
- That CORS/SCRO purchases directors and officer's insurance as per the attached quote.
- That CORS/SCRO purchases Commercial General liability insurance for events as per the attached quote.

**Thank you and welcome to Moira MacNeil, who is a PhD Candidate at the University of Toronto and who was selected by the Student Chapters to represent them on Council.**

## CORS Membership

It's time to renew your CORS membership for the year **April 2023 to March 2024**.

Fees are due by **April 1, 2023**.

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](http://www.cors.ca/sites/cors_php/en/membership/renewal.php)).

For more information, please email [members@cors.ca](mailto:members@cors.ca)



## CORS FUNDING OPPORTUNITIES

### Traveling Speakers Program (TSP)

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

The Traveling Speakers Program (TSP) enables local sections to bring OR practitioners and researchers in Canada as speakers to their local events. In order 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 TSP Coordinator to obtain approval for funding at least one month in advance of the event date.

The president of the local section fills out the application form (<http://www.cors.ca/sites/default/files/documents/tsp.pdf>) and submits the form to the **TSP Coordinator, Jules Comeau** ([pastpresident@cors.ca](mailto:pastpresident@cors.ca))

## Graduate Student Funding to Attend CORS Conferences

**Description:** CORS partially funds graduate students attending CORS annual meetings.

**Eligibility:** The candidate must:

- Be a Student Member of CORS
- Be enrolled in a graduate program in a field related to operational research
- Be studying at a Canadian university or be a Canadian citizen or permanent resident studying abroad
- Attend the conference and present their registration receipt to receive any funding

**Selection:** The following criteria are used to determine the amount awarded to each eligible applicant:

- Whether the applicant is presenting a paper at the conference
- Travel cost from student's home city to the conference

**Application:** The application form for funding is available on the CORS website. Applications must be received at least two months before the conference date to receive full consideration. Applicants who meet this deadline will be notified at least one month before the conference date whether their application was successful.

**Administration of Funding:** The CORS Education Chair determines who will receive funding and the amount of the award. The CORS Treasurer administers the distribution of funds after receiving confirmation that the student attended the conference.

**Reimbursement:** Students must submit proof they attended the conference (e.g., boarding pass, selfie at conference site) within 30 days of the CORS Annual Conference to ([treasurer@cors.ca](mailto:treasurer@cors.ca)) and must copy their supervisors on the email. The CORS Treasurer administers the distribution of funds after receiving confirmation that the student attended the conference and will notify the student's supervisor.

**Please submit applications by March 31, 2023 to  
CORS Education Chair, Nadia Lahrichi ([nadia.lahrichi@polymtl.ca](mailto:nadia.lahrichi@polymtl.ca))**



# CORS

Canadian Operational Research Society  
Annual Conference, Optimization days



MONTREAL, QUEBEC

MAY 29-31, 2023

On behalf of the 2023 Canadian Operational Research Society (CORS) 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.



**Presentations from graduate students, professors, and the industry**

**National and international research in optimization and OR and their applications**

**Multiple parallel sessions and student competitions**

**Nine plenary and tutorial speakers**

[www.symposia.cirrelt.ca/CORS-JOPT](http://www.symposia.cirrelt.ca/CORS-JOPT)



Stay connected  
[Join our mailing list](#)





## CALL FOR NOMINATIONS 2023–2024 CORS COUNCIL

There are four positions to fill for the 2023–2024 CORS Council.

To nominate a CORS member to serve in one of these positions send their name and contact information by **March 13, 2023** to **Jules Comeau** ([pastpresident@cors.ca](mailto:pastpresident@cors.ca)).

Please make sure your nominee is aware of the nomination. Note that self nominations are welcomed.

For more details regarding the various positions visit: [www.cors.ca](http://www.cors.ca) in particular, see the Bylaws and Administrative Handbook documents online at [www.cors.ca/?q=content/library](http://www.cors.ca/?q=content/library)

All nominees will be contacted and asked to provide a writeup for the May edition of the Bulletin.

### **Vice President (President Elect)**

The Vice President (one-year term) assists the President, participates in special projects and ad-hoc committees through the year, and takes over the role of President at the following Annual General Meeting (AGM). Only those who have served at least one year on Council shall be eligible for the office of Vice President.

### **Secretary**

The Secretary assists the President in organizing Council meeting agendas, taking the minutes during the Council meetings, and overall assistance with administrative duties. The position is for an unspecified term, but usually held for about 2–3 years.

### **Two Councillors (Two-year term 2023–2025)**

Four councillors sit on council and participate in the management of the society. Often, councillors are called upon to chair or serve on ad hoc or standing committees and to work on special projects.



## **CORS AWARDS: CALL FOR NOMINATIONS**

### **OMOND SOLANDT AWARD**

#### **Description**

The Omond Solandt Award is presented 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 chair of Canadian National Railways (CNR), and Chancellor of the University of Toronto.

#### **Nomination instructions**

It is the responsibility of the Awards Committee, with input from the Local Conference Organizing Committee, to select the recipient of the Solandt Award. Where possible, the nominee is a local organization, or a regional or national organization that is significant to the local area. To nominate a company for the award, please email the company's name, headquarters location (city, country), and a brief statement supporting the nomination. Please also provide a contact person within the company if possible.

**Please submit nominations to  
CORS Awards Committee Chair Samira Abbasgholizadeh-Rahimi ([vicepresident@cors.ca](mailto:vicepresident@cors.ca))**



## ELDON GUNN SERVICE AWARD

### Description

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 organizers 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 on council and acting as conference chair for the 27<sup>th</sup> 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.

If you know of anyone who has dedicated their time to CORS and who has a longstanding service record, please consider nominating them for the Eldon Gunn Service Award. CORS Council urges all local sections to consider and nominate their best candidates. Nominations should include the candidate's name, activities, positions and corresponding years of service. The Awards Committee will evaluate the submissions and bring forward potential recipients to Council for approval. Nominees will be evaluated based on a point system. As a guideline, winners should have 2000 or more points. Previous winners are not eligible for additional service awards. A list of past recipients can be found at [www.cors.ca](http://www.cors.ca)

**Please submit nominations by March 6, 2023 to  
CORS Awards Committee Chair, Samira Abbasgholizadeh-Rahimi ([vicepresident@cors.ca](mailto:vicepresident@cors.ca))**

### POINT SYSTEM

<b>Responsibility</b>	<b>Points</b>	<b>Responsibility</b>	<b>Points</b>
<b>CORS Council</b>		<b>Publications</b>	
President	500	Bulletin Editor	200
Vice President	350	INFOR Editor	350
Secretary	300	INFOR Special Issue	250
Treasurer	300	Others	150
Councillor	250		
Appointed Member	200	<b>Local Council</b>	
Past President	250	President	250
		Vice President	175
<b>International Conference</b>		Secretary	150
Conference Chair	350	Treasurer	150
Committee Chair	300	Others	100
Committee Member	200	Past President	100
<b>National Conference</b>			
Conference Chair	300		
Committee Chair	250		
Committee Member	200		



## CORS COMPETITIONS

### PRACTICE PRIZE COMPETITION

**Description:** The Practice Prize Competition recognizes the outstanding application of OR by practitioners in Canada and it attracts quality papers to the CORS Annual Conference.

**Award :** The Prize Committee will determine, at its discretion, First, Second and Honourable Mention awards and the distribution of up to \$1800 in prize money according to the extent to which the finalists have reported on a completed, practical application with results that had a significant, verifiable and (preferably) quantifiable impact on the performance of the client organization. Every member of the winning teams receives a certificate.

**Eligibility:** The applicant must be a resident of Canada. The submission must include work completed over the last two years, but the entire project may have taken place over a longer period. The project may include published work, but it cannot have been previously submitted to this competition.

#### The Process

**By February 26, 2023** applicants must submit e-copies of the following to the **Chair of the Practice Prize Committee Antoine Legrain** ([antoine.legrain@polymtl.ca](mailto:antoine.legrain@polymtl.ca)):

1. An abstract, not exceeding 500 words, outlining the successful application of OR.
2. A letter from an executive of the client organization attesting that the application had an impact and giving permission for the project to be presented at the CORS Annual Conference.
3. The names, titles, phone numbers, and e-mail addresses of all authors and of at least one executive of the client organization.

**By April 2, 2023** the judging committee, consisting of three past winners of the Practice Prize, will select up to four finalists according to the following criteria:

1. The challenge of the application of OR and the significance of the problem.
2. The quality of the analysis and modeling and implementation of the results.
3. The impact on the client organization.

**By May 7, 2023** the finalists must:

1. Submit a detailed written report, not exceeding 25 pages in the body, presenting a "case history" of the project describing its development from start to finish and focusing on the challenges and results.
2. Submit a one-page project summary including key messages and best practices, suitable for publication in the CORS Bulletin and on the CORS website.
3. Present the project at the Practice Prize Sessions at the CORS Annual Conference.

**Based on the written report and the oral presentation, the judges will determine the prizes to be awarded and announced at the banquet. The committee reserves the right not to award any prize.**



## STUDENT PAPER COMPETITION

**Description:** 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.

**Requirements:** The applicant must be enrolled as a full-time student in a Canadian institution, in an undergraduate, masters, or PhD program during the school year **2022–2023**. Canadians who are studying outside of Canada are also eligible. Papers in which all applicants are undergraduates may be submitted to either category: Open or Undergraduate, but not to both. Papers in which some authors are graduate students must be submitted to the Open category. MBA students (and other specialized master students) must submit to the Open category with their applied projects. Published papers are eligible for the competition only if their initial submission date (for publication) is after the previous year's CORS Annual Conference. Supervisors and industry partners may appear as co-authors on the paper, but the first authors must be the applicants. The applicants must have made a substantial contribution to the project and must have written the paper with only minor editorial assistance. If the paper includes non-student authors, the supervisor should include information about the roles of the various authors when confirming the eligibility of the students.

### Application Process

#### Open Category

Chair: Tamon Stephen ([tamon@sfu.ca](mailto:tamon@sfu.ca))

Submit your *manuscript* via EasyChair (link below) by **April 7, 2023 11:59 p.m. EDT**

Submission link: <https://easychair.org/conferences/?conf=corsospc2023>

#### Undergraduate Category

Chair: André Ciré ([andre.cire@rotman.utoronto.ca](mailto:andre.cire@rotman.utoronto.ca))

Submit your *abstract* via EasyChair (link below) by **March 31, 2023**

The *final manuscript* is due by **April 7, 2023 11:59 p.m. EDT**

Submission link: <https://easychair.org/conferences/?conf=corsspuc2023>

All competitors should apply for CORS student funding by the deadline, in case they become a finalist: <https://cors.ca/?q=content/student-funding-cors-conference-financement-des-étudiants-au-congrès-de-la-scro>



**The entry includes the following:**

1. Abstract of 200 words or less. Author's name, address, phone number, and email address. Make sure the abstract clearly highlights the motivation, contribution, and potential impact of the paper.
2. Academic institution and supervisor's name, if applicable.
3. Indication of whether the team is planning to attend the CORS Annual Conference, if selected as finalists. Note that papers selected as finalists must be presented at the conference to further be considered for first prize or honourable mention.
4. A PDF copy of the paper:
  - No longer than 35 pages (with minimum 1-inch margins, maximum 34 lines per page, and minimum font size of Times 11) including all figures, tables, appendices, and references.
  - The submitted paper must not contain any information identifying the authors or their institutions.
5. An email from the supervisor indicating that the participant is the first author of the paper should be sent to the competition chair.

**Selection Criteria**

- Contribution of the paper either directly to the field of operational research through the development of methodology or to another field through the application of operational research
- Originality
- Writing style, clarity, organization, and conciseness of the paper

**Awards**

- Prizes are awarded per paper. The cheque is sent to the first author, and allocation of prize money is up to the co-authors.
- Open Category: First Prize \$500, Honorable Mention \$100. One award per team.
- Undergraduate Category: First Prize \$200, Honorable Mention \$50. One award per team.
- All papers selected as finalists receive a certificate.
- If an undergraduate student wins the Open Competition, no undergraduate prize will be awarded.
- Honourable mentions will be provided if there is no winner.



## **Operations Management Area - Assistant Professor Teaching-Track Position**

*McMaster University is located on the traditional territories of the Haudenosaunee and Mississauga Nations and, within the lands protected by the Dish With One Spoon wampum agreement.*

### Position Description

The DeGroote School of Business at McMaster University invites applications for a teaching-track position at the rank of Assistant Professor in the Operations Management Area. The position will commence on July 1, 2023.

Applicants must possess a Ph.D. in Operations Research / Management Science / Operations Management or a related field from an AACSB accredited (or equivalent) school by the date of appointment. The successful candidate must demonstrate a record of teaching excellence and a strong commitment to innovation in teaching. They will be expected to contribute to the School's academic programs at both its Hamilton and Burlington locations, and teach courses in the undergraduate and MBA levels. Preference will be given to candidates with demonstrated teaching interests and expertise in Business Analytics. Normally, this position will have a teaching load of eight course-sections per year. The successful candidate will be expected to engage in service to the School including serving on School and University committees.

The Operations Management Area is committed to excellence in both research and teaching. OM Area instructors teach in a number of programs at both the undergraduate and graduate levels across the faculty. We support a culture that embraces bold, interdisciplinary thinking; drives the creation and application of evidence-based knowledge; and expects collegial activity undertaken with integrity. The DeGroote School of Business is one of six faculties at McMaster and we believe in experiential learning: complementing classroom studies with hands-on experience. DeGroote employs approximately 90 full time faculty members with total student enrollment of 4300 across the Commerce, MBA, specialized Masters programs, PhD, and EMBA programs.

### Commitment to Inclusive Excellence

The diversity of our workforce is at the core of our innovation and creativity and strengthens our research and teaching excellence. In keeping with its Statement on Building an Inclusive Community with a Shared Purpose, McMaster University strives to embody the values of respect, collaboration and diversity, and has a strong commitment to employment equity. The University seeks qualified candidates who share our commitment to equity and inclusion, who will contribute to the diversification of ideas and perspectives, and especially welcomes applications from First Nations, Métis and Inuit peoples, members of racialized communities ("visible minorities"), persons with disabilities, women, persons who identify as 2SLGBTQ+.

We invite all applicants to complete a brief Diversity Survey, which takes approximately two minutes to complete. All questions are voluntary, with an option to decline to answer. All information collected is confidential and will be used to support efforts to broaden the diversity of the applicant pool and to promote a fair, equitable and



inclusive talent acquisition process. Inquiries about the Diversity Survey may be directed to [hr.empequity@mcmaster.ca](mailto:hr.empequity@mcmaster.ca).

Job applicants requiring accommodation to participate in the hiring process should contact the Office of the Dean of Business at [dsbeo@mcmaster.ca](mailto:dsbeo@mcmaster.ca) to communicate accommodation needs.

#### How to Apply

Please apply online via the McMaster Academic Careers website: <https://hr.mcmaster.ca/careers/>, (Faculty Postings, Job 51656), addressing your application documents to:

Dr. Kai Huang, Chair of Search Committee, Operations Management Area, DeGroote School of Business, McMaster University.

Please submit the following materials:

- A letter of application describing the impact that career interruptions have had on research productivity, if applicable (including a statement regarding Canadian citizenship/permanent resident status (see below)).
- Curriculum Vitae.
- Statement of teaching interests and philosophy (including evidence of teaching effectiveness, such as curriculum development/improvement, involvement in teaching review and engaging in different pedagogical approaches).
- Submit a brief statement describing any contributions made or planned in relation to advancing equity, diversity and inclusion or inclusive excellence in teaching, research or service within higher education, community-based or other professional settings (2-page maximum).
- Letters of reference are not required and will not be reviewed at the application stage. The Operations Management Area will request three letters of recommendation from referees at later stages of the search process.

Review of applications will continue until the position is filled. All applicants will receive an online confirmation of receipt of their application; however, only short-listed applicants will be contacted for interviews.

All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

To comply with the Government of Canada's reporting requirements, the University is obliged to gather information about applicants' status as either Permanent Residents of Canada or Canadian citizens. Applicants need not identify their country of origin or current citizenship, however, all applications must include one of the following statements:

- Yes, I am a citizen or permanent resident of Canada
- No, I am not a citizen or permanent resident of Canada





### Vaccine Policy Statement

The University is committed to providing and maintaining healthy and safe working and learning environments for all employees, students, volunteers and visitors. In accordance with the University's Vaccination Policy-COVID-19 Requirements for Employees and Students, effective October 18, 2021 all McMaster community members, including employees, accessing a McMaster campus or facility in person are required to be fully vaccinated or to have received an exemption from the University for a valid human rights ground. This is a term and condition of employment. The University will continue to follow the guidance of public health organizations to define fully vaccinated status.

Further information is available at the following link: <https://covid19.mcmaster.ca/vaccination-mandate/>. More information on the University's Health and Safety framework is available online at <https://hr.mcmaster.ca/resources/covid19/>.

Questions regarding the above requirements or any accommodation requests through the recruitment process can be directed to your HR contact.



### **Operations Management Area – Assistant/Associate Professor Positions**

*McMaster University is located on the traditional territories of the Haudenosaunee and Mississauga Nations and, within the lands protected by the Dish With One Spoon wampum agreement.*

#### Position Description

The DeGroote School of Business at McMaster University invites applications for two tenure-track positions at the rank of Assistant/Associate Professor in the Operations Management Area. The positions will commence on July 01, 2023. Appointment rank (Assistant or Associate) will depend on qualifications and research records. Exceptional candidates at the rank of Associate Professor with tenure may also be considered.

The minimum requirements for the positions include (i) a Ph.D. in Operations Research / Management Science / Operations Management or a related field from an AACSB accredited (or equivalent) school by the date of appointment; (ii) evidence of a strong scholarly record in peer-reviewed journals or the potential to establish a strong scholarly record; and (iii) evidence of, or strong potential for, teaching excellence.

The successful candidates will be expected to contribute to research and scholarship through publications in high-quality journals in Operations Research / Management Science / Operations Management, participation in prominent national and international academic conferences, and research supervision in their areas of expertise. The successful candidates will also be expected to contribute to the School's undergraduate and graduate academic programs at both its Hamilton and Burlington locations, and support the School's initiatives within the business community.

Preference will be given to candidates with research interests and expertise in any of the quantitative areas of "Business Analytics and Artificial Intelligence" and/or "Sustainability, Environment and Energy". They will have solid analytical skills and a strong research agenda. The successful candidates will meet the highest standards of scholarship and professional activity, and teach courses in the undergraduate, MBA and PhD levels based on the Operations Management Area needs. They will also be expected to engage in service to the school.

#### Commitment to Inclusive Excellence

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We invite all applicants to complete a brief Diversity Survey, which takes approximately two minutes to complete. All questions are voluntary, with an option to decline to answer. All information collected is confidential and will be used to support efforts to broaden the diversity of the applicant pool and to promote a fair, equitable and inclusive talent acquisition process. Inquiries about the Diversity Survey may be directed to [hr.empequity@mcmaster.ca](mailto:hr.empequity@mcmaster.ca).

Job applicants requiring accommodation to participate in the hiring process should contact the Office of the Dean of Business at [dsbeo@mcmaster.ca](mailto:dsbeo@mcmaster.ca) to communicate accommodation needs.

#### How to Apply

Please apply online via the McMaster Academic Careers website: <https://hr.mcmaster.ca/careers/>, (Faculty Postings, Job 51673), addressing your application documents to:

Dr. Kai Huang, Chair of Search Committee, Operations Management Area, DeGroot School of Business, McMaster University.

Please submit the following materials:

- A letter of application describing the impact that career interruptions have had on research productivity, if applicable (including a statement regarding Canadian citizenship/permanent resident status (see below)).
- Curriculum Vitae.
- Research statement including research contributions and a 5-year research agenda and funding plan.
- Provide up to three research papers if you are informed by the search committee.
- Statement of teaching interests and philosophy (including evidence of teaching effectiveness, such as curriculum development/improvement, involvement in teaching review and engaging in different pedagogical approaches).
- Submit a brief statement describing any contributions made or planned in relation to advancing equity, diversity and inclusion or inclusive excellence in teaching, research or service within higher education, community-based or other professional settings (2-page maximum).
- Letters of reference are not required and will not be reviewed at the application stage. The Operations Management Area will request three letters of recommendation from referees at later stages of the search process.

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need not identify their country of origin or current citizenship, however, all applications must include one of the following statements:

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Questions regarding the above requirements or any accommodation requests through the recruitment process can be directed to your HR contact.



## CORS SPECIAL INTEREST GROUPS

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](mailto:cors.analytics.sig@01101.io)  
University of British Columbia  
[www.cors.ca/SIG/Analytics](http://www.cors.ca/SIG/Analytics)

### **Forestry SIG**

Forough Abasian, [forough.abasian@fpinnovations.ca](mailto:forough.abasian@fpinnovations.ca)  
FPInnovations  
[www.cors.ca/SIG/Forestry](http://www.cors.ca/SIG/Forestry)

### **Health Care Operational Research SIG**

Valérie Bélanger, [valerie.3.belanger@hec.ca](mailto:valerie.3.belanger@hec.ca)  
HEC Montréal  
[www.cors.ca/SIG/HCOR](http://www.cors.ca/SIG/HCOR)

### **Queueing and Applied Probability SIG**

Yichuan Ding, [daniel.ding@mcgill.ca](mailto:daniel.ding@mcgill.ca)  
McGill University  
[www.cors.ca/SIG/Queueing](http://www.cors.ca/SIG/Queueing)

### **Teaching and Learning SIG**

Tiffany Bayley, [tbayley@ivey.ca](mailto:tbayley@ivey.ca)  
Ivey Business School  
[www.cors.ca/SIG/Teaching](http://www.cors.ca/SIG/Teaching)

### **Transportation and Logistics SIG**

Sibel Alumur Alev, [sibel.alumur@uwaterloo.ca](mailto:sibel.alumur@uwaterloo.ca)  
University of Waterloo  
[www.cors.ca/SIG/Transportation](http://www.cors.ca/SIG/Transportation)

If you would like to join a SIG, contact the people listed above, or indicate 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 can be found online at [www.cors.ca/?q=content/communities](http://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](mailto:vicepresident@cors.ca))**



## SIG NEWS

### Forestry

#### Call for presentations!

We are excited to inform you that Forestry Special Interest Group (FSIG) at Canadian Operational Research Society (CORS) is planning to hold a series of the **virtual webinars** to bring together both academics and practitioners in **forestry**. To this end, FSIG would like to invite graduate students and postdoctoral researchers to present their scientific contributions in the various fields of forestry in terms of theory, methodology or practices to a wide range of participants from academia and industry. Although there is no formal requirement for the presentations, the papers submitted, accepted, or published in journals or conferences will be given higher priority.

The first webinar will be held on **March 3, 2023**.

Participants who are willing to present their research in this webinar are invited to submit their presentation no later than **February 15, 2023**.

During each webinar, two researchers will present their work for approximately 20 minutes, and 5–10 minutes will be devoted to a question-and-answer session after each presentation.

FSIG strongly invites you to participate as an audience or presenter in this event that brings together students, researchers, practitioners, and everyone interested in forestry. This event will be a great opportunity to share ideas, experiences, solutions to the most common forestry issues and will help to identify new challenges in this field from a theoretical and practical points of view. In addition, students will have the chance to meet forestry experts and expand their network to facilitate their career path.

**Questions, expressions of interest, and submissions should be addressed to:**

**Elaheh Ghasemi:** [elaheh.ghasemi.1@ulaval.ca](mailto:elaheh.ghasemi.1@ulaval.ca)

Best regards,

Foroogh Abasian, President of FSIG

Elaheh Ghasemi, PhD candidate at Université Laval



## Health Care Operational Research

### 2023 Graduate Student Presentation Competition Hosted by the Health Care Operations Research SIG Canadian Operational Research Society ([CORS](#))

The [CORS Health Care Operational Research SIG](#) competition has graduate students succinctly and coherently describe an ongoing or completed research project that addresses a significant problem in health care operations research. The competition emphasizes the importance of presentation skills, expository clarity, and the ability to clearly and concisely summarize a complex program of research. It also provides graduate students with an opportunity to improve their communication skills, and be recognized for excellence in health care, operations research, and public speaking.

#### Submission Process

The competition will involve the submission of an abstract of 200 words or less containing no mathematical notation, and a **three-minute videotaped summary of the applicant's research project**. All applicants should include their name, academic association, and contact information in their submission package. They should also indicate whether they are planning to attend the [CORS Annual Conference](#) if selected as a finalist. Please make sure that the abstract and video clearly highlight the motivation, contribution, and potential impact of the research findings as well as summarize the methodology that was used to obtain the results. The three-minute videos will be assessed by a panel of judges on their organization and design, their production quality, the clarity and coherence of the subject matter, the professionalism of the applicant, the thoroughness of the ideas being discussed, the overall effectiveness of the video submission, and the completion of the presentation within the allotted time frame.

The submission deadline is **March 31, 2023 @ 6:00 PM EST**.

Finalists will be announced on, or prior to, April 14, 2023 on the [HCOR student presentation website](#). All applicants should submit their materials by email to the chair of this year's competition, Adam Diamant, at [adiamant@schulich.yorku.ca](mailto:adiamant@schulich.yorku.ca)

#### Requirements

The applicant must be enrolled as a full-time graduate student (Masters or PhD) at an academic institution during the 2022–2023 school year. All applicants must have made a substantial contribution to the research project being discussed. Submissions selected as a finalist *must* be presented in person at the [CORS Annual Conference](#) by the applicant.

#### Live Competition

Five finalists will be invited to give a **ten-minute, in-person presentation** associated with their submission at the 64<sup>th</sup> [CORS Annual Conference](#) in Montreal, Quebec (May 29–31). This year, there is a \$200 prize for the winner and a \$50 prize for the runner up.



## Queueing and Applied Probability

### 2023 CORS Student Paper Prize

The CORS Queueing and Applied Probability Special Interest Group (SIG) is pleased to announce the 11<sup>th</sup> annual student paper prize, to be awarded at the CORS Annual Conference.

The submission deadline for this year's competition is **February 27, 2023**. Please send your submission to selection committee chair Dr. Tim Huh [tim.huh@sauder.ubc.ca](mailto:tim.huh@sauder.ubc.ca)

#### INSTRUCTIONS:

Students should submit a copy of their paper, plus a letter from their supervisor attesting to their pivotal role and contributions to the results.

#### REQUIREMENTS:

The competition is for the best student-led paper submitted to a refereed publication, either a journal or the proceedings of a conference.

Papers entered in the competition must have already been submitted by December 31, 2022.

Papers do not need to be published at the time of submission; however, a letter indicating acceptance or soliciting a revision may be submitted along with the paper, as supplementary evidence of its merit. Papers that have appeared in print prior to 2022 will not be considered. A student may submit only one paper for consideration in any year.

#### ELIGIBILITY:

Eligibility is restricted to: (i) full-time students (either at a Canadian institution or a Canadian studying outside of Canada) in good standing who do not yet hold their degree on the application deadline and (ii) students who are not previous recipients of a CORS Queueing SIG student prize; (iii) the topic of the paper should be aligned with the interest of the Queueing and Applied Probability SIG. That means all papers with a significant stochastic component (even if without queueing) are eligible for this competition.

#### APPLICATION DEADLINE:

**February 27, 2023, 11:59 PM EST**

#### JUDGING:

Work will be judged by a three-member committee: Dr. Tim Huh (Chair), Dr. Ningyuan Chen, and Dr. Yichuan Ding. All applications and questions should be sent to [tim.huh@sauder.ubc.ca](mailto:tim.huh@sauder.ubc.ca)





## MEETINGS AND CONFERENCES

### CORS Business Meetings

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

### CORS Annual Conferences

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

### WWW Conference Listings

CORS: [www.cors.ca/?q=content/cors-annual-conferences](http://www.cors.ca/?q=content/cors-annual-conferences)

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

IFORS: [www.ifors.org/web](http://www.ifors.org/web)

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

SIAM: [www.siam.org/meetings/calendar.php](http://www.siam.org/meetings/calendar.php)

POMS: <https://pomsmeetings.org>

EURO: [www.euro-online.org/web/pages/460/calendar](http://www.euro-online.org/web/pages/460/calendar)



## THE NEXT ISSUE

The next issue of the Bulletin will be published in **May**. Contributions to this issue, especially news on the activities of local sections or CORS members, should be submitted by **April 21, 2023** to:

Andrea Friars  
Editor, CORS Bulletin  
Email: [AndreaFriars@gmail.com](mailto: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:

- 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](mailto: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 researchers)

**Website:** [www.cors.ca](http://www.cors.ca)

**INFOR:** [www.tandfonline.com/loi/tinf20](http://www.tandfonline.com/loi/tinf20)

**LinkedIn:** [www.linkedin.com/company/canadian-operational-research-society](http://www.linkedin.com/company/canadian-operational-research-society)

**Twitter:** @CORS\_President