



# The CORS Bulletin

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## IN THIS ISSUE

Dear CORS Members,

In this issue, you will find the Calls for Nominations for the 2017 annual awards. Please take the time to nominate a deserving individual or organization who has made a significant contribution in OR.

Submissions are now being accepted for this year's Practice Prize and Student Paper Competitions, as well as the SIG clusters. Please see the detailed articles for exact dates and submission guidelines.

The abstract submissions are open for the upcoming IFORS 2017 conference. There are also a variety of hotels near the conference site with blocks of rooms reserved for attendees. Please visit the conference website for more information, to submit an abstract of your own, and to guarantee your room. <http://ifors2017.ca/welcome>

If you or your colleagues are involved in a project that would make a nice feature article, please consider submitting a one page write up to be included in the next bulletin.

Cheers,

Andrea Friars

Editor

Andrea Friars

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## THE 2016–2017 COUNCIL

CORS Council is made up of the officers of the society, four councillors, the immediate past president, a representative designated by each local section of the society, and the standing committee chairs. Contact information for council representatives is below. For a complete listing go to [www.cors.ca](http://www.cors.ca)

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Southwest Ontario	Joe Naoum-Sawaya, University of Western Ontario, <a href="mailto:jnaoum-sawaya@ivey.ca">jnaoum-sawaya@ivey.ca</a>
Winnipeg	Currently vacant
Saskatoon	Winfried Grassmann, University of Saskatchewan, <a href="mailto:grassman@cs.usask.ca">grassman@cs.usask.ca</a>
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## PRESIDENT'S MESSAGE

Hello fellow CORS members,

It's that time of year again—weather is turning, leaves are changing, politics are upheaving in our Southern neighbors. It's also time for another issue of the CORS Bulletin, which gives me a reason to tear myself away from the riveting statistical analyses of [fivethirtyeight.com](http://fivethirtyeight.com) and commune with my operations research roots after my every-four-years obsession with polling and statistics. The US election has not yet happened, but as you read this Bulletin, the campaign end is in sight. Regardless of your feelings about the eventual Presidential election results, I am sure we can all agree that the boringness of Canadian politics is a welcome relief.



On the less dramatic subject of CORS Council, we had a productive meeting in August and will have our next meeting at the end of November. We have wound down from the enjoyable—and profitable! —Banff conference, and are winding up for the 2017 CORS/IFORS conference in Québec City in July. Two thumbs up go to Banff General Chair Diane Bischak and Program co-Chairs Osman Alp and Marco Bijvank for putting together a stellar conference in a breath-taking location. The 2017 CORS/IFORS Québec City organizing committee, consisting of CORS pillars Irène Abi-Zeid, Bernard Gendron, Michael Morin, and Angel Ruiz, has a tough act to follow! They have already been hard at work for the past two years putting together the upcoming CORS/IFORS meeting, and I cannot wait until July to see their spectacular feat of organization materialize into a tremendous and unique international conference with Canadian flair.

We are continuing to focus on strategic goals for the year: more industry involvement, better analytics incorporation, modernized web presence, and a revitalized INFOR journal. INFOR co-Editors-in-Chief Samir Elhedhli and Elkafi Hassini continue to push INFOR to new heights (check out our new submission system if you haven't yet!), and our new website is growing with the addition of unified sites for SIGs, sections, and chapters. Our Twitter account continues to be insightful and amazing (in my completely unbiased opinion). Council committees on industry and analytics involvement are busy brainstorming ways to expand and improve CORS value to new communities. If you have ideas to share, please let me know!

I hope to see many of you at INFORMS in Nashville, and I hope that your Fall semesters are far more productive than the Blue Jays' post-season offense.

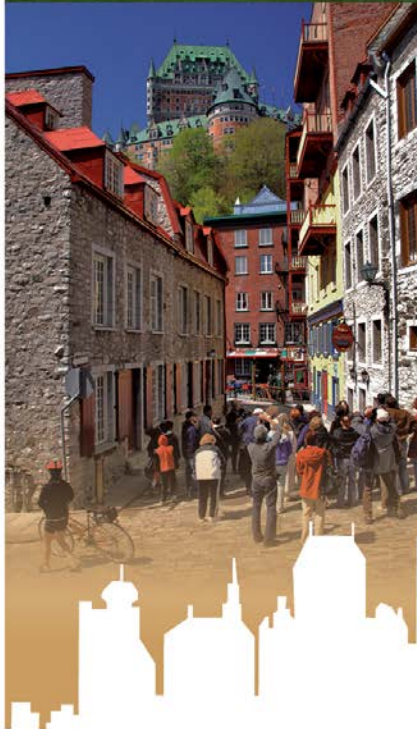
All the best,



Dionne Aleman  
Twitter: @CORS\_President  
Email: [aleman@mie.utoronto.ca](mailto:aleman@mie.utoronto.ca)



*Save the date*



# IFORS 2017

*July 17-21, 2017*

*Join us in Québec City!*

## PLENARY SPEAKERS:

**Egon Balas**, Carnegie Mellon University, USA

**Martine Labbé**, Université Libre de Bruxelles, Belgium

**Alvin Roth**, Stanford University, USA

**Andres Weintraub**, Universidad de Chile, Chile

The abstract submission platform is now open!  
Go to [www.euro-online.org/conf/ifors2017](http://www.euro-online.org/conf/ifors2017)  
to submit yours.



## IFORS2017.CA

21<sup>st</sup> conference of the  
International Federation of Operational  
Research Societies

hosted by CORS

**IFORS 2017, July 17-21, 2017 The abstract submission system is now available!**

Click here: <https://www.euro-online.org/conf/ifors2017>

Abstract submission deadline: February 10, 2017 Abstract acceptance notification: March 10, 2017  
Hotel space is limited. Book early in order to be in the area of the Québec City Convention Centre. For all  
information on the accommodation options, visit <http://ifors2017.ca/accommodation>

**CORS/IFORS CONFERENCE  
JULY 17-21, 2017, QUÉBEC CITY, QC**

## CORS MEMBERS MAKING WAVES

### Michael J. Armstrong

**Michael J. Armstrong** has been awarded a \$17,000 research fellowship from Australia's Endeavour exchange program. This fellowship will support him for a 4-month stay at the University of New South Wales campus in Canberra, Australia, in 2017. He will be collaborating on interdisciplinary research in the School of Humanities & Social Sciences. Michael is an associate professor of operations research in the Goodman School of Business at Brock University.

## ANNOUNCEMENTS

### It's time to renew your CORS membership

The CORS Website is ready to accept payment of membership fees for the upcoming year: **April 1, 2017 to March 31, 2018**. You may be able to use an NSERC grant to pay CORS membership dues. Please renew your membership by following this link:  
[http://www.cors.ca/sites/cors\\_php/en/membership/renewal.php](http://www.cors.ca/sites/cors_php/en/membership/renewal.php)

If you have any questions, please do not hesitate to contact Membership Services by email at [membershipservices@cors.ca](mailto:membershipservices@cors.ca)



### Follow CORS on LinkedIn

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

# CALL FOR NOMINATIONS

## CORS Award of Merit

Nominations are invited for the CORS Award of Merit. This award acknowledges significant contributions of a current or past member of CORS to the profession of Operational Research. Significant contributions can include:

- being specially recognized as an operational research practitioner,
- the development of a methodology relevant to the use of operational research,
- the supervision and development of operational research competence in others,
- the promotion of operational research in Canada through talks, presentations, articles, books, or by other means,
- service to CORS at either the national or local level.

Please submit nominations by **February 1, 2017** to:

**Fredrik Ødegaard**, CORS Award of Merit Committee Chair ([fodegaard@ivey.uwo.ca](mailto:fodegaard@ivey.uwo.ca))

## Omond Solandt Award

If you know of any private or governmental organization that has made an outstanding contribution to OR in Canada, please nominate them for the Omond Solandt Award. The Awards Committee will evaluate the submissions and bring forward potential recipients to Council for approval.

Please submit nominations by **January 13, 2017** to:

**Louis-Martin Rousseau**, CORS Awards Committee Chair ([louism@crt.umontreal.ca](mailto:louism@crt.umontreal.ca))

## CORS Service Award

If you know of anyone who has dedicated their time to CORS and who has a longstanding service record, please consider nominating him or her for the CORS 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 shown in the table below. As a guideline, winners should have 2000 or more points. Previous winners are not eligible for additional service awards. A list of past CORS Service Award recipients may be found at [www.cors.ca/?q=content/service-award](http://www.cors.ca/?q=content/service-award)

Please submit nominations by **February 28, 2017** to:

**Louis-Martin Rousseau**, CORS Awards Committee Chair ([louism@crt.umontreal.ca](mailto:louism@crt.umontreal.ca))

## Service Award Point System

Responsibility	Point Value
<b>CORS Council</b>	
President	500
Vice-President	350
Secretary	300
Treasurer	300
Councillor	250
Appointed	200
Past-President	150
<b>International Conference</b>	
Conference Chair	350
Committee Chair	300
Committee Member	200
<b>National Conference</b>	
Conference Chair	300
Committee Chair	250
Committee Member	200
<b>Publications</b>	
Bulletin Editor	350
INFOR Editor	350
Special Editions	150
Others	200
<b>Local Council</b>	
President	350
Vice-President	250
Secretary	200
Treasurer	200
Others	150
Past-President	100
<b>Miscellaneous</b>	
IFORS Executive	250



## CORS Practice Prize Competition

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.

### Process

By **March 31, 2017** submit e-copies of the following to:

**Mikael Rönnqvist**, Chair of the Practice Prize Committee ([mikael.ronnqvist@gmc.ulaval.ca](mailto:mikael.ronnqvist@gmc.ulaval.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 email addresses of all authors and of at least one executive of the client organization.

By **May 12, 2017** 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 **June 23, 2017** 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 focussing on the challenges and results.
2. Submit a one page project summary, 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.

On the basis of 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.

## CORS Student Paper Competition

Each year the Canadian Operational Research Society 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 2016 to 2017. Canadians who are studying outside of Canada are also eligible. Applicants in undergraduate programs are eligible to apply in both categories: Open and Undergraduate. To be eligible for First Prize or Honourable Mention, selected articles must be presented at the CORS Annual Conference. This rule applies to both categories: Open and Undergraduate.

### The Chairs of the competition are:

**Open Category:** Nadia Lahrichi ([nadia.lahrichi@polymtl.ca](mailto:nadia.lahrichi@polymtl.ca))

**Undergraduate Category:** Stan Dimitrov ([sdimitro@uwaterloo.ca](mailto:sdimitro@uwaterloo.ca))

### The entry includes:

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 author is planning to attend the conference regardless of the outcome.
  - Note that papers selected as Finalists must be presented at the conference in order to further be considered for First Prize or Honourable Mention.
4. Indication of whether the paper is submitted to a journal.
5. 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.
  - With separate title page containing the name of the authors, their coordinates and affiliations. Please ensure there are no identifiers on the other pages;
6. An email from the supervisor indicating that the participant is the first author of the paper should be sent to the Competition Chair.
7. 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**

Open Category: First Prize \$500, Honorable Mention \$100

Undergraduate: First Prize \$200, Honorable Mention \$50

All papers selected as Finalists receive a certificate.

If an undergraduate wins the open competition, no undergraduate prize will be awarded. In the case of close competition, papers not winning an award may receive honourable mention.

Finalists selected for the undergraduate category will be eligible to apply for partial funding to attend the CORS Annual Conference. The Education Chair will contact finalists with details.

## CORS SPECIAL INTEREST GROUPS (SIGs)

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.

SIGs formed so far include:

- **CORS Forestry SIG**  
contact Claudia Cambero ([claudia.cambero@fpinnovations.ca](mailto:claudia.cambero@fpinnovations.ca))  
Modeling and Decision Support Group, FPInnovations  
[www.cors.ca/SIG/Forestry](http://www.cors.ca/SIG/Forestry)
- **CORS Health Care Operational Research SIG**  
contact Armann Ingolfsson ([armann.ingolfsson@ualberta.ca](mailto:armann.ingolfsson@ualberta.ca))  
Alberta School of Business, University of Alberta  
[www.cors.ca/SIG/HCOR](http://www.cors.ca/SIG/HCOR)
- **CORS Queueing Theory SIG**  
contact Steve Drekić ([sdreki@uwaterloo.ca](mailto:sdreki@uwaterloo.ca))  
Department of Statistics & Actuarial Science, University of Waterloo  
[www.cors.ca/SIG/Queueing](http://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](http://www.cors.ca/?q=content/communities) Discussions are underway about forming SIGs in several additional areas.

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

**Louis-Martin Rousseau**, SIG Committee Chair ([louis-martin.rousseau@polymtl.ca](mailto:louis-martin.rousseau@polymtl.ca))

# CORS SIG NEWS

## Forestry

The Forestry SIG is pleased to announce that this year Taraneh Sowlati (University of British Columbia) will be acting as the chair of the cluster "OR applications in Forestry" at the joint 2017 IFORS/CORS Conference that will take place in beautiful Québec City.

A call for contributions for cluster sessions will be released soon, as well as a call for papers for the fourth edition of the David Martell Student Paper Prize in Forestry, which recognizes outstanding scientific contributions on the theory, methodology and/or practice of OR in forestry/forest products industry by an undergraduate, a graduate student or a postdoctoral fellow.

It is also a pleasure to announce that the INFOR Special Issue on Forestry Applications is published (INFOR Volume 54, Issue 3) and is available online at [www.tandfonline.com](http://www.tandfonline.com) The FSIG wants to acknowledge the diligent work of former FSIG president Gregory Paradis as Guest Editor of the Issue.

If you are interested in joining the Forestry SIG, organizing a session, or submitting a paper to the cluster "OR applications in Forestry" please contact Claudia Cambero at [claudia.cambero@fpinnovations.ca](mailto:claudia.cambero@fpinnovations.ca)

*\*Please note: To access the digital copy of INFOR, you must be a CORS member. You will have received instructions from Taylor and Francis on how to access. Do not try to make an account with Taylor and Francis.*

## Health Care Operations Research

### HCOR Website is Live!

Our website is now live, check it out here: <http://www.cors.ca/SIG/HCOR> You'll find HCOR related news, current officers and their contact emails, member list, upcoming events and conferences and more!

### Call for Session Organisers for CORS/IFORS 2017

If you are interested in organising a session for the upcoming CORS/IFORS conference in Québec in July 2017, please contact Peter VanBerkel at [Peter.VanBerkel@dal.ca](mailto:Peter.VanBerkel@dal.ca)

### Upcoming Conferences

There are a number of conferences coming up this fall and in 2017 that may be of interest to HCOR members:

- INFORMS Annual Meeting 2016: November 11–16, 2016 in Nashville, Tennessee
- 59th CORS Annual Conference Joint with IFORS: July 17–21, 2017 in Québec City, Québec
- INFORMS Healthcare 2017: July 26–28, 2017 in Rotterdam, Netherlands
- ORAHS 2017 Annual Meeting: July 30–August 4, 2017 in Bath, UK

## Queueing Theory

CanQueue 2016, the 18th Annual Conference for Canadian Queueing Theorists and Practitioners, took place at McMaster University on August 22nd and 23rd, organized by Doug Down. It was attended by 27 queueing theorists from across Canada and the United States. The keynote speaker was Mor Harchol-Balter from Carnegie Mellon University, who gave a well-received talk on replication in queueing systems. In addition, there were 15 technical talks by conference attendees (seven by students) on a range of topics, from theoretical topics such as mean field analysis, time varying queues, and discrete-time queues to applications in hospital emergency departments and data centre design.

## CORS QUEUEING THEORY SIG 2017 Student Paper Prize

The CORS Queueing Special Interest Group (SIG) is pleased to announce the fifth annual student prize competition, to be awarded at the upcoming joint CORS/IFORS Conference in Québec City.

**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, 2016**. 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 2016 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.

**Application deadline: January 31, 2017**

**Judging:** Work will be judged by a three member committee chaired by Yiqiang Zhao (Carleton University). All applications and questions should be sent to [zhao@math.carleton.ca](mailto:zhao@math.carleton.ca)

## CORS SECTIONS NEWS



University of Toronto  
Operations Research Group

(CORS/INFORMS Toronto Student Chapter)

<http://org.mie.utoronto.ca/>

Over the summer we brought both undergraduate and graduate students together for the first annual *Optapalooza: The {Optimization, Constraint Satisfaction} Hackathon*. More than 40 students competed in small groups to solve a variety of problems ranging from finding the most affordable way to house olympians, to determining the best method to find a lost puppy. Our long term goal is to host the event annually and increase participation. We kicked off the academic year with a friendly trivia night and quizzed over 40 students on subjects ranging from pop culture to operations research. In



addition to three rounds of trivia, the social included a mixer and friendly environment for students to mingle. Most attendees were graduate students in industrial engineering, but we also hosted students from mechanical engineering, electrical engineering, computer engineering, the Rotman School of Management, mathematics, statistics, chemistry and computer science. In collaboration with the [Centre for Healthcare Engineering](#) at the University of Toronto, we also hosted a networking event for students and faculty within our department. The guest of honour was Tom Closson, a notable alumnus of the University of Toronto's industrial engineering program. Tom was the CEO of several major healthcare organizations in Canada such as Sunnybrook Health Sciences Centre, the Capital Health Region in Victoria, University Health Network, and the Ontario Hospital Association. Tom and the attendees discussed the technical and operational problems facing the Canadian healthcare system, as well as the roles that industrial engineers can serve to improve the performance of the current

system. Most recently we hosted Distinguished Speaker Professor Christopher Ryan from the University of Chicago Booth School of Business. He presented his work on an approach to determine an optimal contract for the moral hazard problem, entitled "Monotonicity of optimal contracts without the first-order approach". Professor Ryan helped enrich the student body through his seminar presentation to over 25 audience members and candid discussions during a networking lunch with 15 students.



---

**CORS/IFORS CONFERENCE  
JULY 17–21, 2017, QUÉBEC CITY, QC**

## Montréal

Miguel Anjos is now President, and Louis-Martin Rousseau is Vice-President. Many thanks to Fabian Bastin for continuing as Treasurer!

The section is involved in the organization of MIP2017 that will take place in Montréal in June: <https://sites.google.com/site/mipworkshop2017/> and also in the organization of the EUROPT workshop in July: <https://www.gerad.ca/colloques/europt2017/>

# CORS FUNDING OPPORTUNITIES

## Graduate Student Funding

CORS funds graduate students attending the CORS Annual Conference, using funds from SSHRC, when available.

This funding is subject to availability and the following eligibility criteria:

- Student is a member of CORS
- Student is enrolled in a graduate program in a field related to operational research
- Student is studying at a Canadian university, or student is a Canadian citizen or permanent resident studying abroad

The following criteria will be used to determine the amount awarded to each eligible applicant:

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

For further information, contact:

**Mehmet Begen**, Graduate Student Funding Coordinator ([mbegen@ivey.uwo.ca](mailto:mbegen@ivey.uwo.ca))

## Traveling Speakers Program

The Traveling Speakers Program (TSP) enables local sections to bring Canadian OR practitioners / researchers 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. Each local section must contact the TSP coordinator 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 report.

**Fredrik Ødegaard**, TSP Coordinator ([fodegaard@ivey.uwo.ca](mailto:fodegaard@ivey.uwo.ca))





DEGROOTE SCHOOL OF BUSINESS

1280 Main Street West  
Hamilton, Ontario, Canada  
L8S 4M4Tel: 905.525.9140  
Fax: 905.526.0852  
www.degroote.mcmaster.ca

### **Assistant Professor of Operations Management**

The DeGroot School of Business at McMaster University invites applications for a tenure track position in Operations Management at the Assistant Professor level, beginning July 1, 2017.

Candidates should have a Ph.D. in Management Science, Operations Management or other closely-related discipline. We are interested in both new (or, soon-to-be) PhD graduates as well as individuals currently serving at the Assistant Professor rank who have outstanding research skills and a passion for teaching to contribute to the life of the faculty.

The successful candidate will have strong Operations Research/Management Science skills in one or more methodological areas such as stochastic modelling, optimization (e.g., linear, integer, non-linear, large-scale or dynamic) and applied game theory. The Area will look for a researcher with expertise and interest in one or more application areas including supply chain management, business analytics, revenue management and transportation research. Preference will be given to candidates with demonstrated competency in research initiatives and outcomes, such as peer-reviewed journal publications and conference presentations. The new faculty member will be expected to pursue and secure research funding from external sources.

The Operations Management Area offers a Ph.D. program in Management Science and a specialization in Supply Chain Management in the MBA program. The new faculty member is expected to teach both undergraduate and graduate level courses including our core courses in statistics, management science and operations management, and required and elective courses in the MBA and PhD programs. There are also opportunities to teach in our programs for executives including the EMBA, Director's College and executive education. DeGroot operates at two campuses, the McMaster University main campus in Hamilton, Ontario and a new state-of-the-art facility in nearby Burlington, Ontario. The successful candidate is expected to be active at both locations.

The DeGroot School of Business at McMaster University recently adopted a new [Strategic Plan](#) with a mission to foster interdisciplinary thinking and evidence-based management to transform business and society. Our vision is to be globally recognized as a leader in research, teaching, undertaken with integrity. Three core values underpin all we do: innovation, collaboration and

The logo for the DeGroot School of Business, featuring the name "DeGroot" in a large, bold, serif font, with "SCHOOL OF BUSINESS" in a smaller, all-caps, sans-serif font below it.

**CORS/IFORS CONFERENCE  
JULY 17–21, 2017, QUÉBEC CITY, QC**

generosity. The DeGroot School of Business strives to create a strong, supportive and collegial research culture, building the research capacity of faculty and graduate students. We are one of six faculties at McMaster and we believe in experiential learning: complementing classroom studies with hands-on experience. The School has over 2,300 undergraduate students, 600 MBAs, 60 PhDs and 70 full-time faculty.

Please apply online via the McMaster Academic Careers website (<http://www.workingatmcmaster.ca/careers/>) (Faculty Posting, 9305).

Candidates should submit a cover letter, statement of research and teaching interests, curriculum vitae, research samples (published articles or working papers), evidence of teaching effectiveness, names and contact information of at least three references.

McMaster University is strongly committed to employment equity within its community and to recruiting a diverse faculty and staff. The University encourages applications from all qualified candidates including women, persons with disabilities, First Nations, Métis and Inuit persons, members of racialized communities and LGBTQ-identified persons. If you require any form of accommodation throughout the recruitment and selection procedure, please contact the [Human Resources Service Centre](#) at 905-525-9140, ext. 222-HR (22247).

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



## EMPLOYMENT OPPORTUNITY

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Assistant/Associate Professor  
Management Science and Operations Management  
Department of Decision Sciences  
School of Business

Competition No: 16.09.167

MacEwan University inspires students through a powerful combination of academic excellence and personal learning experiences. Located in downtown Edmonton, our comprehensive undergraduate university offers over 65 programs to approximately 19,000 full- and part-time students. With a dedication to teaching excellence informed by scholarly research and creative activity, MacEwan provides an exceptional collaborative and supportive environment for both faculty and students to excel.

The Department of Decision Sciences invites applications for a full-time probationary appointment in Operations and Supply Chain Management at the rank of Assistant Professor or Associate Professor, commencing on July 1, 2017, subject to final budgetary approval. Ideal candidates are expected to possess demonstrated potential to publish and present their research while achieving teaching excellence in the classroom. Ideally the department is seeking active researchers in operations and supply chain management or management science. A review of applications will begin November 30, 2016.

Preferred candidates will hold a Ph.D. in management science/operations management or a closely related discipline with a primary commitment to undergraduate teaching. Professional and teaching experience in disciplines encompassing but not restricted to Supply Chain Management (e.g. logistics management, global sourcing, and supply chain planning and coordination) and Management Science (statistics, quantitative methods, and data analytics) are desirable.

Applicants should submit a cover letter, curriculum vitae, teaching dossier (including recent teaching evaluations), statement of research interests, sample of scholarly work, and academic transcripts. Three letters of reference, quoting the competition number and candidate name, should be sent directly from referees to [careers@macewan.ca](mailto:careers@macewan.ca).

This position is included under the Faculty Association Collective Agreement.

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

How to Apply:

Only applications received electronically will be considered. To apply, go to <http://www.macewan.ca/careers> and select the job posting.

Thank you for your interest in employment with MacEwan University. We will be reviewing all applications to select the candidates whose qualifications and experience most closely meet our needs. Only applicants selected for interviews will be contacted.

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

For general inquiries, please contact us at [careers@macewan.ca](mailto:careers@macewan.ca).



**Faculty Positions in  
The Grado Department of Industrial and Systems Engineering  
Virginia Tech**

The Grado Department of Industrial and Systems Engineering (ISE) at Virginia Tech invites applications for two tenure-track/tenured faculty positions effective August 2017, one at the rank of Assistant Professor and one at any rank, with preference for a senior faculty member. For particularly well-established Full Professor candidates with outstanding credentials, an endowed professorship is available.

We seek outstanding candidates in all areas of Operations Research. Candidates will have the opportunity to work with a wide range of research groups and faculty within the Department, College, and University, including those working in the areas of data analytics and decision sciences, health systems and technology, and intelligent infrastructure, among others. The ISE Department is comprised of 30 full-time faculty with approximately 550 undergraduate students, 170 master's students, and 90 doctoral students. The undergraduate and graduate ISE programs are currently ranked 5<sup>th</sup> and 9<sup>th</sup>, respectively, by U.S. News & World Report.

Candidates are expected to lead innovative and high-quality research, build a strong sponsored-research program, develop and teach graduate and undergraduate courses, and advise and mentor graduate and undergraduate students. Candidates for the senior position should have a record of achievement commensurate with a senior faculty member, and are expected to provide organizational and research leadership, mentor junior faculty, and build collaborative relationships, both within the Department and across the College of Engineering and University. The position requires a Ph.D. in industrial and systems engineering, operations research, or a closely related field. Virginia Tech is committed to building a culturally diverse faculty and strongly encourages applications from women and minorities.

Interested individuals should apply online at [jobs.vt.edu](http://jobs.vt.edu) (posting number TR0160134). Candidates should submit a cover letter, current CV, research statement, teaching statement, three relevant research publications, and the names of at least three references. Applicants interested in meeting with a faculty member at the 2016 INFORMS conference should contact the Search Committee at ([ise-search@vt.edu](mailto:ise-search@vt.edu)). Applicants, particularly for the Assistant Professor position, are also encouraged to include in their cover letter a list of presentations being given at the 2016 INFORMS conference.

Review of applications will begin immediately, and the deadline for ensuring full consideration is December 12, 2016. Positions will remain open, and applications may be considered until the position is filled. For more information or for any questions about the search, please contact the Search Committee at ([ise-search@vt.edu](mailto:ise-search@vt.edu)).

Virginia Tech does not discriminate against employees, students, or applicants for admission or employment on the basis of race, gender, disability, age, veteran status, national origin, religion, sexual orientation, or political affiliation. Virginia Tech is the recipient of a National Science Foundation ADVANCE Institutional Transformation Award to increase the participation of women in academic science and engineering careers. The ISE Department strongly supports the Virginia Tech Principles of Community. More information about the Department can be found at [www.ise.vt.edu](http://www.ise.vt.edu).

**Alberta School of Business, University of Alberta**  
**Tenured or Tenure-Track Faculty Position - Operations Management**  
**Department of Accounting, Operations and Information Systems**

Competition No. - **A103027311D1**

Closing Date - **Will remain open until filled.**

The Department of Accounting, Operations, and Information Systems at the Alberta School of Business, University of Alberta, invites applications for a full-time tenured or tenure track position in operations management with an emphasis on business analytics and big data starting July 1, 2017. Interest in management information systems is an asset. This competition may be used to fill more than one position.

For an appointment at the assistant professor level, candidates must have, or be close to completing, a PhD in an appropriate field (such as operations management, management services, operations research or industrial engineering), with demonstrated potential to publish top-level research and achieve teaching excellence; appointment in the latter case will be contingent upon the completion of the PhD by an agreed-upon date. Appointments at a more senior level (Associate or Full Professor) may be considered depending on qualifications and experience. For an associate/full professor appointment, candidates must have a PhD in an appropriate field (such as operations management, management services, operations research or industrial engineering), have a reputation for making high quality contributions to top operations management journals and provide evidence of teaching excellence. Proficiency in English is required.

The successful candidate will conduct research directed at top tier operations management journals, take advantage of external research funding opportunities, teach in our undergraduate, Masters, and PhD programs, supervise graduate students and contribute academic service commensurate with level of appointment. The Alberta School of Business has an energetic PhD program and the successful candidate will be expected to play an active role in its continuing success and development.

The Alberta School of Business is one of the world's leading institutions in business education and research. Our vision is "Leaders from Alberta for the World". Our mission is to excel and lead through research, teaching and external engagement. We are one of the largest business schools in Canada with 75 faculty members, 2000 undergraduate students, and 600 students in our Masters and PhD programs. For more information about the School please visit our web site at [www.business.ualberta.ca](http://www.business.ualberta.ca) and for more information about the Department of Accounting, Operations, and Information Systems, please see <https://business.ualberta.ca/departments/accounting-operations-and-information-systems>.

Located in western Canada, the province of Alberta boasts diverse landscapes from the Canadian Rocky Mountains to wide open prairies and blue skies. The University of Alberta is situated in the provincial capital of Edmonton. This city is a vibrant multi-cultural centre with over one million people that offers the benefits of an urban lifestyle combined with high-quality schools, varied restaurants, excellent theatre, year round festivals, reliable public transportation and ample opportunities for recreation.

Salary will be commensurate with qualifications and is competitive with similar research-focused business schools in North America.

To assist the University in complying with mandatory reporting requirements of the *Immigration and Refugee Protection Act* (R203(3) (e)), please include the first digit of your Canadian Social Insurance Number in your application. If you do not have a Canadian Social Insurance Number, please indicate this in your application.

Applications should include a curriculum vitae, samples of research, any available teaching ratings, and the names of three referees who have been asked to send confidential letters of assessment. This competition will remain open until filled.

Please send applications by e-mail (PDF files) to:

Dr. Karim Jamal, Chair  
Department of Accounting, Operations, and Information Systems  
Alberta School of Business  
University of Alberta  
[AoisChair@ualberta.ca](mailto:AoisChair@ualberta.ca)

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

The University of Alberta hires on the basis of merit. We are committed to the principle of equity in employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal persons.

# MEETINGS AND CONFERENCES

## CORS Business Meetings

June 1, 2016	CORS Council Meeting, Banff, AB
August 26, 2016	CORS Council Meeting, Teleconference
November 25, 2016	CORS Council Meeting, Teleconference
January 27, 2017	CORS Council Meeting, Toronto, ON
March 31, 2017	CORS Council Meeting, Teleconference
April 28, 2017	CORS Financial Planning Committee Meeting
June 30, 2017	CORS Council Meeting, Teleconference
July 16, 2017	CORS Council Meeting, Québec City, QC
July 17, 2017	CORS Council Meeting, Québec City, QC
July 18, 2017	CORS Annual General Meeting, Québec City, QC

## CORS Annual Conferences

July 17–21, 2017	CORS/IFORS Conference, Québec City, QC
2018	CORS Annual Conference, Halifax, NS

## WWW Conference Listings

CORS Conference Page: [www.cors.ca/?q=content/cors-annual-conferences](http://www.cors.ca/?q=content/cors-annual-conferences)  
INFORMS Conference Home Page: [www.informs.org/attend-a-conference](http://www.informs.org/attend-a-conference)  
IFORS Conferences: [www.ifors.org/web](http://www.ifors.org/web)  
Netlib Conferences Database: <ftp://ftp.cc.ac.cn/netlib/confdb/Conferences.html>  
SIAM Conference Home Page: [www.siam.org/meetings/calendar.php](http://www.siam.org/meetings/calendar.php)  
POMS Conference Page: [www.poms.org/conferences](http://www.poms.org/conferences)  
EURO Conferences : [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 is scheduled to appear in February. Along with the regular features and news from the local sections, it will include more information about the next CORS conference. Contributions to this issue, especially news on the activities of local sections or CORS members, should be submitted by **January 13, 2017** to:

Andrea Friars  
Editor, CORS Bulletin  
11 Sawgrass Drive  
Oakfield, NS B2T 0G1  
Phone: 902-895-8430 ext. 3236  
Email: [AndreaFriars@gmail.com](mailto:AndreaFriars@gmail.com)

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

## 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.

## 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 ListServ. Direct inquiries to the Editor.

## LISTSERV

As a benefit of membership, members may use the CORS ListServ 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 provided that these are related to operational research in its broadest sense;
- job postings of general interest to CORS members.

The ListServ is not used for commercial purposes, and all messages are vetted before they are sent out. To submit items to the ListServ, email CORS Membership Services at [membershipservices@cors.ca](mailto:membershipservices@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.



Canadian Operational Research Society  
Société canadienne de recherche opérationnelle

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:** CORS has twelve local sections located throughout Canada and three student sections.

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

**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 annual 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 (including post-doctoral fellows) \$45

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

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