



# The CORS Bulletin

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## IN THIS ISSUE

Dear CORS members,

The 2016 CORS annual conference planning is in full swing, and the website is up and running. Be sure to bookmark it and check back often for the latest information on submission deadlines, location information, and details about booking your hotel room at the preferred conference rate.

The call for nominations for the 2016 annual CORS awards is now open. Please consider nominating a deserving candidate, individual or organization, for the Award of Merit, the Service Award, the Harold Larnder Prize, or the Omond Solandt Award.

Finally, submissions are being accepted for the Practice Prize and Student Paper Competitions, as well as the Queuing and Health Care SIG student competitions. There is lots going on so please take a good look and be sure to throw your hat in any rings that apply to you.

The bulletin is looking for feature articles to be included in February's publication. If you are involved in a project that highlights OR, please consider submitting a one page write up to me at [AndreaFriars@gmail.com](mailto:AndreaFriars@gmail.com).

Cheers,

Andrea Friars

Editor

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## THE 2015–2016 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 2015–2016 Council representatives is provided below. For a complete listing go to [www.cors.ca](http://www.cors.ca)

President	Fredrik Ødegaard, University of Western Ontario, <a href="mailto:fodegaard@ivey.uwo.ca">fodegaard@ivey.uwo.ca</a>
Vice-President	Dionne Aleman, University of Toronto, <a href="mailto:aleman@mie.utoronto.ca">aleman@mie.utoronto.ca</a>
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Councillor	Satyaveer Chauhan, Concordia University, <a href="mailto:Satyaveer.Chauhan@concordia.ca">Satyaveer.Chauhan@concordia.ca</a>
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Montréal	Louis-Martin Rousseau, École Polytechnique de Montréal, <a href="mailto:louis-martin.rousseau@polymtl.ca">louis-martin.rousseau@polymtl.ca</a>
Ottawa	Dragos Calitoiu, Bank of America, Ottawa, <a href="mailto:calitoiu@optimod.ca">calitoiu@optimod.ca</a>
Kingston	Jeffrey I. McGill, Queen's University, <a href="mailto:jmcgill@business.queensu.ca">jmcgill@business.queensu.ca</a>
Toronto	Joseph Milner, University of Toronto, <a href="mailto:milner@rotman.utoronto.ca">milner@rotman.utoronto.ca</a>
SW 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>
Calgary	Mozart Menezes, University of Calgary, <a href="mailto:mozart.menezes@haskayne.ucalgary.ca">mozart.menezes@haskayne.ucalgary.ca</a>
Edmonton	Armann Ingolfsson, University of Alberta, <a href="mailto:armann.ingolfsson@ualberta.ca">armann.ingolfsson@ualberta.ca</a>
Vancouver	Stuart Donald, University of British Columbia, <a href="mailto:stuart.donald@sauder.ubc.ca">stuart.donald@sauder.ubc.ca</a>
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Waterloo Student	Saul Qishu Cai, University of Waterloo, <a href="mailto:saulcai@hotmail.com">saulcai@hotmail.com</a>

## PRESIDENT'S MESSAGE

Greetings Colleagues!

I hope this letter finds you in good health, great spirits, and a productive state of analytical affairs. I am writing this letter the day after Election Day and, assuming CORS membership reflects the general Canadian population, there are likely many of you very happy with the election results and some of you very disappointed. Regardless of your political dispositions, at least you all have lots of descriptive statistics to indulge in and use as classroom fodder and water cooler conversations. And if the topic of political statistics ever runs dry, there is of course our surging “national” baseball heroes, The Blue Jays, to revel in.



From CORS Council I can report that we had a productive meeting in August and are preparing for our next meeting in November. In addition, a small delegation is meeting with the INFORMS Meeting Committee to debrief regarding the past CORS/INFORMS International Montreal 2015 conference. I hope you all enjoyed it as much as I did, and please pass along any feedback (positive or negative) you would like us to relay. In addition, I am happy to share with you that the conference was financially very successful. CORS portion of the profit-sharing agreement came to \$26,000! Once again, I tip my hat and bow to the hard work of Louis-Martin Rousseau and his team. Très super et merci beaucoup!

Speaking of conferences, CORS Banff 2016 is some 200+ days away and I can report the organizing committee is well advanced in their planning and our annual meeting promises to be a great venue – again! I hope your research and industry projects are all coming along nicely and that you are all eagerly waiting for abstract submissions to open. Be patient, be patient! The conference website will be coming up later this fall but I can already share that one new addition is a designated “Business Analytics” cluster. Since we are pushing for more industry

involvement, please make sure to encourage your colleagues, partners, former students and other business professionals to attend.

With respect to our journal INFOR, our dynamic co-EIC duo Samir and Elkafi are working relentlessly on many issues to move our journal to the forefront. Much has happened but I will defer to the next Bulletin to share details. In the meantime, I urge you all to submit your good work and provide great and timely reviews if called upon.

I wish you all a continued great fall, and to those of you attending INFORMS in Philly: hope to see you running up the Museum of Art stairs in Rocky-mode with your arms in the sky. Also be sure to halt me to say hi.

Yours truly,

Fredrik Ødegaard



Twitter: @CORS\_President

Email: [fodegaard@ivey.uwo.ca](mailto:fodegaard@ivey.uwo.ca)

## COUNCIL CORNER

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

- CORS Council passed a motion supporting INFORMS' nominee Karla Hoffman from George Mason University to the NORAM Vice President Position. NORAM is the Association of North American Operations Research Societies within IFORS which consists of CORS and INFORMS.





**UNIVERSITY OF CALGARY**  
HASKAYNE SCHOOL OF BUSINESS



Canadian Operational Research Society  
Société Canadienne de Recherche Opérationnelle

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**The 58<sup>th</sup> CORS Annual Conference**  
**May 30 to June 1, 2016**  
**The Banff Centre**  
**Banff National Park, Alberta, Canada**

**Hosted by the Haskayne School of Business at the University of Calgary**

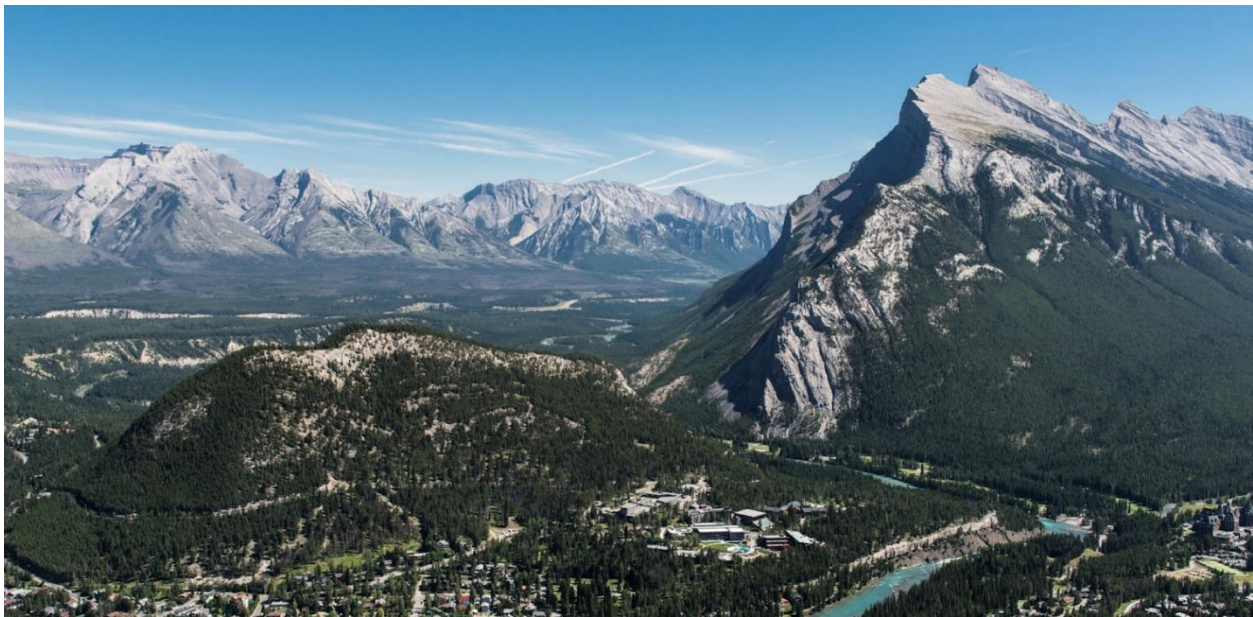


Photo credit: Don Lee, Photographer, The Banff Centre

On behalf of the 2016 CORS Conference Organizing Committee, I invite you to join us in Canada's breathtakingly beautiful, world-famous Banff National Park. Banff was the first national park to be established in Canada. It is one of the world's premier tourist destinations, a UNESCO World Heritage Site with stunning mountains and glacier-fed lakes, including the legendary Lake Louise. The scenery is unsurpassed.

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**CORS ANNUAL CONFERENCE**  
**MAY 30 – JUNE 1, 2016, BANFF, AB**

The conference will be held at the Banff Centre. The Centre is Canada's arts and cultural organization, providing multidisciplinary programming and advancing the practice of artists and leaders. It also serves as a centre of excellence in convening conferences and meetings. Conference sessions will be held in the Banff Centre's newest meeting facility, the Kinnear Centre for Creativity and Innovation.

We are pleased to announce that joining us this year is the Thirteenth International Conference on Integration of Artificial Intelligence and Operations Research techniques in Constraint Programming (CPAIOR 2016). I invite you to visit their website to learn more about CPAIOR and discover the potential for collaboration: <https://symposia.cirrelt.ca/CPAIOR2016>

Diane Bischak, Ph.D., General Chair  
Professor, Operations and Supply Chain Management  
Haskayne School of Business  
University of Calgary  
Email: [cors2016@haskayne.ucalgary.ca](mailto:cors2016@haskayne.ucalgary.ca)

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### The abstract submission system will be available in November.

**Abstract submission deadline: February 26, 2016**

**Abstract acceptance notification: April 1, 2016**

**HOTEL SPACE IS LIMITED.** Book early to stay at the conference site. **Contact the Banff Centre to RESERVE your guestroom now!** Please reference "Canadian Operational Research Society" or "CORS" when making your reservation to ensure you receive the group rate.

To reserve a guestroom online, click on this link: [Banff Centre Accommodations](#)

OR call the toll-free phone: 1-800-884-7574

OR email: [Reservations@banffcentre.ca](mailto:Reservations@banffcentre.ca)

2016 CORS Conference Special Guestroom Rates	
Guestroom Type	Single or double occupancy
Standard	\$140.00 / night
Superior	\$170.00 / night
Facility Fee – per delegate	\$15.00 / night

For **more information**, including registration, fees, and abstract submission, please check the conference website, <http://www.haskayne.ucalgary.ca/cors2016>

# CALL FOR NOMINATIONS

## CORS Award of Merit

Nominations are invited for the 2016 CORS Award of Merit. This award acknowledges significant contributions of a present 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 **January 15, 2016** to:

Taraneh Sowlati  
CORS Award of Merit Committee Chair  
Email: [taraneh.sowlati@ubc.ca](mailto:taraneh.sowlati@ubc.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: [http://www.cors.ca/en/prizes/i\\_service.php](http://www.cors.ca/en/prizes/i_service.php).

Please submit nominations by **March 1, 2016** to:

Dionne Aleman  
CORS Awards Committee Chair  
Email: [aleman@mie.utoronto.ca](mailto:aleman@mie.utoronto.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 Harold Larnder Prize

If you know of any individual who is known internationally for his or her contributions to the theory and/or practice of OR, please nominate them for the CORS Harold Larnder Prize.

The Harold Larnder Prize is awarded annually to an individual who has achieved international distinction in operational research. The prize winner delivers the Harold Larnder Memorial Lecture, on a topic of general interest to operational researchers, at the National Conference of the Canadian Operational Research Society. Nominees can be from any country.

The Awards Committee will evaluate the submissions and bring forward potential recipients to Council for approval.

Please submit nominations by **January 15, 2016** to:

Dionne Aleman  
CORS Awards Committee Chair  
Email: [aleman@mie.utoronto.ca](mailto:aleman@mie.utoronto.ca)

## CORS 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 15, 2016** to:

Dionne Aleman  
CORS Awards Committee Chair  
Email: [aleman@mie.utoronto.ca](mailto:aleman@mie.utoronto.ca)

## 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.

### The Process

By **February 26, 2016** submit e-copies of the following to Sophie D'Amours ([sophie.damours@vrr.ulaval.ca](mailto:sophie.damours@vrr.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 **April 1, 2016** 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 6, 2016** 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 National Conference (**May 30–June 1, 2016 in Banff**).

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.

Sophie D'Amours, Chair of the Practice Prize Committee  
Email: [sophie.damours@vrr.ulaval.ca](mailto:sophie.damours@vrr.ulaval.ca)

## 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.

### Application Process

### 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 2015 to 2016. 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 2016 CORS annual conference. This rule applies to both categories: Open and Undergraduate.

### Instructions

Fill out the competition Application Form (<http://www.cors.ca/en/students/paper.php>)

The application deadline for the Open Category is **March 15, 2016**.

For the Undergraduate Category, candidates must submit their intent to participate by sending an email with the title and abstract to the Chair of the Undergraduate Category. The deadline to indicate your intent to participate is **February 15, 2016**. And the full paper should be submitted by **March 31, 2016**.

### The Chairs of the competition are:

#### Open Category

**Stanko Dimitrov**

Email: [sdimitro@uwaterloo.ca](mailto:sdimitro@uwaterloo.ca)

#### Undergraduate Category

**Anjali Awasthi**

Email: [awasthi@ciise.concordia.ca](mailto:awasthi@ciise.concordia.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 ([cambero.claudia@gmail.com](mailto:cambero.claudia@gmail.com))  
University of British Columbia, Department of Wood Science  
or go to <http://cors-forestrysig.pieorswirls.com/>
- 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
- CORS Queueing Theory SIG:  
contact Steve Drekić ([sdrekić@uwaterloo.ca](mailto:sdrekić@uwaterloo.ca))  
University of Waterloo, Department of Statistics & Actuarial Science

If you would like to join a SIG, contact the persons listed above, or simply 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 <http://www.cors.ca/en/membership/index.php>. Discussions are underway about forming SIGs in several additional areas. If you are interested in forming a SIG in a particular area, then feel free to contact the

CORS SIG Committee Chair: Dionne Aleman ([aleman@mie.utoronto.ca](mailto:aleman@mie.utoronto.ca)).

### **CORS Forestry SIG 2016 David Martell Student Paper Prize in Forestry**

Organized by the CORS Forestry Special Interest Group, this award 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. The award was named in honor of Professor Martell for his outstanding contributions to the development and application of OR in forestry in Canada as well as for his many contributions to CORS.

The competition is for the best student paper published, accepted for publication, or submitted to a peer-reviewed journal in the years 2014–2015, and no paper can be submitted more than once. At the time the paper was written, applicants should have been an undergraduate, a graduate student or a postdoctoral at a Canadian university or a Canadian studying in a university outside of Canada.



Applications will be judged by a three-member committee chaired by Professor Martell (University of Toronto). At most, three finalists will be announced in the beginning of March 2015, and they must preferably be prepared to present their paper in a special session at the annual conference. Recommended guidelines for each finalist presentation are: a 15-minute presentation in front of the jury and conference attendees, followed by a 10-minute question period, during which the session chair must provide a priority to jury members. The winner will be announced at the banquet of the Society.

Submission deadline: Applicants should submit a copy of their paper by **January 31, 2016** and indicate whether they intend to be present or not at the annual conference. All applications and questions should be sent to the

President of the Forestry Special Interest Group  
Claudia Cambero at: [claudia.cambero@fpinnovations.ca](mailto:claudia.cambero@fpinnovations.ca).

## **CORS Health Care Operational Research SIG 2016 Student Competition Announcement**

2016 will be the inaugural year for the CORS Health Care Operations Research SIG oral presentation competition for graduate students. The competition will emphasize the importance of presentation skills and provide an opportunity for students to receive formal feedback, learn best practices from their peers, and be recognized for excellence in this area.

The goal is to have students demonstrate mastery of coherent and engaging presentations describing a completed research project on a significant healthcare topic within a five-minute time limit. The competition will involve self-videotaped presentation submissions judged on presentation quality and quality of the research. Judge-chosen finalists will be invited to give their presentation at CORS 2016 in Banff, AB (May 30 to June 1).

The deadline for self-videotaped presentations is **February 1, 2016** with the announcement of finalists expected by **April 1, 2016**. Submission process details will follow on the CORS website and via the CORS email listserv. For further information please contact

Timothy Chan ([tcychan@mie.utoronto.ca](mailto:tcychan@mie.utoronto.ca)) or Peter VanBerkel ([peter.vanberkel@dal.ca](mailto:peter.vanberkel@dal.ca)).

## CORS Queueing Theory SIG 2016 Student Paper Prize

The CORS Queueing Special Interest Group is pleased to announce the fourth annual student paper prize competition, to be awarded at the upcoming CORS Annual Conference in Banff.

### Requirements:

- The competition is for the best student-led paper, either accepted for publication or published in the calendar year 2015.
- Students must either be (or have been at the time the paper was written) a full-time student at a Canadian institution or a Canadian studying outside of Canada.

Instructions: Students should submit a copy of their paper, plus a letter from their supervisor attesting to the fact that the student was the lead on the paper.

The application deadline is **January 31, 2016**.

Judging: Work will be judged by a three member committee chaired by Sapna Isotupa (Wilfrid Laurier University).

All applications and questions should be sent to Sapna Isotupa at [sisotupa@wlu.ca](mailto:sisotupa@wlu.ca).

## CORS SIG NEWS

### Health Care

#### Healthcare OR Tracks at the 2016 CORS Annual Meeting in Banff, AB:

The HCOR SIG will organize a healthcare operational research track at the CORS 2016 conference in Banff, May 30 to June 1, 2016. Contact track organizers David Stanford ([stanford@stats.uwo.ca](mailto:stanford@stats.uwo.ca)) and Nadia Lahrichi ([nadia.lahrichi@polymtl.ca](mailto:nadia.lahrichi@polymtl.ca)) if you would like to organize a session in this track. Watch for further announcements on the CORS listserv and the HCOR SIG mailing list.

### Queueing Theory

CanQueue 2015, the 17<sup>th</sup> Annual Conference for Canadian Queueing Theorists and Practitioners, was held at Dalhousie University on September 3<sup>rd</sup> and 4<sup>th</sup>. It was attended by queueing theorists from across Canada as well as the United States and the Netherlands. The goal of the conference was to promote research and applications of queueing theory, providing a forum where scientists, engineers, executives, and students in the field can meet to discuss ongoing research. This year, there were eight presentations by scientists/engineers, two by executives, and four by students. A healthcare practice session also ran on September 4 and it was attended by over 80 healthcare practitioners. Peter VanBerkel (General Chair) and David Stanford (Program Chair) are to be congratulated for putting on a successful conference.



## Faculty Position in Management Science

The **Ivey Business School** at Western University seeks candidates for a Limited Term appointment at the rank of Lecturer, Assistant, Associate, or Professor, or a Visiting appointment at the rank of Associate or Full Professor in the area of Management Science. The position is available to begin in July 2016, although alternate starting dates may be arranged. This appointment may be for up to 3 years and is potentially renewable.

**LIMITED TERM POSITION:** Applicants considered for a Limited Term appointment are expected to have an MBA or related graduate degree plus significant industry experience, or have or be nearing completion of their doctorate. The ideal candidate will have demonstrated excellence in case teaching in core undergraduate and/or MBA courses using a case discussion format.

**VISITING POSITION:** Applicants for a Visiting appointment are expected to hold a doctorate degree. Candidates should have demonstrated the ability to successfully teach in core undergraduate, MSc, and MBA courses using a case/discussion format. The successful candidate should contribute to the Management Science area group's research focus and be able to publish in the highest quality academic and practitioner outlets.

Candidates from disciplines including management science, operations research, industrial engineering and business analytics will be considered. The ideal candidate will have demonstrated interest in application areas such as revenue management, healthcare operations, operations analytics, strategic management science, sports analytics and statistical and data mining tools for big data sets. The School supports high quality managerially oriented research targeted at high impact academic and practitioner journals in all management disciplines. The teaching focus of the group includes management science, strategic decision-making, and business analytics. Significant industry experience is considered a plus.

Applicants are encouraged to submit materials (curriculum vitae, three letters of recommendation and copies of research papers) online to [facultypositions@ivey.ca](mailto:facultypositions@ivey.ca). See <http://www.ivey.uwo.ca/faculty/career-opportunities/> for other application details. *Please ensure that the form available at*

<http://www.uwo.ca/facultyrelations/faculty/Application-FullTime-Faculty-Position-Form.pdf> *is completed and included in your application submission.* Review of applicants will commence on October 19, 2015 and applications will be considered until the position is filled.

The **Ivey Business School** is Canada's premier business school and is recognized globally for the quality of its management education and research. The School's major activities include: a highly regarded MBA program and undergraduate program; a well established doctoral program; a diverse portfolio of executive programs; and the launch of a new MSc stream in Data Analytics. The School is internationally oriented in terms of curricula, research, faculty, and student exchanges, with campuses in London (Canada), Toronto and Hong Kong.

Positions are subject to budget approval. Applicants should have fluent written and oral communication skills in English. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The Ivey Business School and Western University are committed to employment equity and diversity in the workplace and welcomes applications from all qualified individuals, including women, members of visible minorities, aboriginal persons, persons with disabilities and persons of any sexual orientation or gender identity.

Ivey faculty will be available to meet with prospective candidates at the 2015 Annual DSI meeting in Seattle and the INFORMS 2015 Annual meeting in Philadelphia. Interested candidates who would like to set up meetings should send their CV, dissertation abstract, and any papers to Terri Przewieda at [przewieda@ivey.uwo.ca](mailto:przewieda@ivey.uwo.ca) by October 19, 2015.

## CORS SECTIONS NEWS

### Edmonton

Topic: Lunchalytics in Edmonton

CORS members living in or visiting Edmonton might be interested in attending the lunchalytics meetings at Startup Edmonton's downtown facility. To sign up for notification of these free lunch events, follow this link: <http://www.meetup.com/startupedmonton/events/223495171/> . CORS Edmonton will sponsor a couple of this year's events.

The first event will be on September 16 and the speakers are Mr. Dan Haight of Darkhorse Analytics and Prof. Paul Messinger from the University of Alberta.

The current plan for upcoming events is:

- October: election analytics
- November: energy analytics
- December: retail analytics

Armann Ingolfsson

## Faculty Position in The Grado Department of Industrial and Systems Engineering Virginia Tech

The Grado Department of Industrial and Systems Engineering at Virginia Tech is seeking outstanding faculty candidates to help lead our instructional and research efforts in **mathematical optimization and operations research**. We particularly seek individuals who are making strong contributions to the foundations of optimization. Applications in all areas of optimization are welcome. Appointments at all ranks will be considered. For particularly well-established Full Professor candidates with outstanding credentials, an Endowed Professorship may be available.

Applicants should have achieved, or show potential to develop, a strong program of externally funded research and scholarship. The position requires a Ph.D. degree, with at least one degree in industrial engineering or a closely related field. We are seeking candidates with exceptional potential for leadership in research and education, and strong commitment to high quality research. The successful applicant will also be expected to provide skilled teaching of foundational and advanced courses at both the undergraduate and graduate levels. Candidates for Associate or Full Professor should have a strong record of research leadership, publications, and external funding.

Applications must be submitted online at [jobs.vt.edu](http://jobs.vt.edu) (posting number TR0150124) and include a cover letter, current vita, research statement, teaching statement, up to three relevant research publications, and the names of three references. Online reference letters will be requested once application has been submitted. Details on how to prepare and submit all materials can be found under “Apply to this Job” for this position on the website. Review of applications will begin on December 7, 2015 and will continue until the position is filled.

Virginia Tech has a strong commitment to the principle of diversity and inclusive excellence, and, in that spirit, seeks a broad spectrum of candidates including women, minorities, and people with disabilities. 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.

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. Anyone having questions concerning discrimination should contact the Office for Equity and Access.



# MEETINGS AND CONFERENCES

## CORS Business Meetings

June 17, 2015	CORS Council Meeting, Montreal, QC
August 21, 2015	CORS Council Meeting, Teleconference
November 27, 2015	CORS Council Meeting, Teleconference
January 22, 2016	CORS Council Meeting, Toronto, ON
March 18, 2016	CORS Council Meeting, Teleconference
April 22, 2016	CORS Financial Planning Committee Meeting
May 6, 2016	CORS Council Meeting, Teleconference
May 29, 2016	CORS Council Meeting, Banff, AB
May 30, 2016	CORS Council Meeting, Banff, AB
May 31, 2016	CORS Annual General Meeting, Banff, AB

## CORS Annual Conferences

May 30–June 1, 2016	CORS Annual Conference, Banff, AB
July 17–21, 2017	CORS/IFORS Conference, Quebec City, QC
2018	CORS Annual Conference, Halifax, NS

## WWW Conference Listings

CORS-SCRO Conference Page: [http://www.cors.ca/en/conferences/i\\_other.php](http://www.cors.ca/en/conferences/i_other.php)

INFORMS Conference Home Page: <http://www.informs.org/Conf/Conf.html>

IFORS Conferences: <http://www.ifors.org/panorama/conferences/index.shtml>

Netlib Conferences Database: <http://www.netlib.org/confdb/Conferences.html>

SIAM Conference Home Page: <http://www.siam.org/meetings/calendar.php>

POMS Conference Page: <http://www.poms.org/conferences/>



# CORS FUNDING OPPORTUNITIES

## Graduate Student Funding to Attend CORS Conferences (GSCS)

CORS has established the GSCS program to encourage attendance of graduate students at conferences, symposia, or workshops specifically aimed at graduate students, such as student conferences, doctoral colloquia, and conferences for junior operations researchers. CORS may provide partial funding up to \$500 per student for attendance at such events. Note that the GSCS program will *not* fund attendance at CORS meetings, because CORS has a separate program for this purpose.

All GSCS funding is subject to availability of funds and the following eligibility criteria:

- Student is a member of CORS.
- Student's supervisor 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 is a Canadian citizen or permanent resident studying abroad.

The application process is competitive. The following criteria will be used to select applications that will be funded:

- The quality of the paper to be presented at the conference, if applicable.
- The benefits that the student is likely to derive from attending the conference.
- The stage that the student has reached in his/her degree program.
- Prior GSCS funding received by the applicant (new applicants will be given preference, all else being equal).

An application for GSCS funding is available at [http://www.cors.ca/en/students/i\\_cors\\_conf.php](http://www.cors.ca/en/students/i_cors_conf.php)

Because funding is limited, applicants are encouraged to submit their applications in a timely manner. Applications must be received at least two months before the conference date to receive full consideration. Applicants who meet this deadline will be notified of the outcome of their application at least one month before the conference date. For further information, contact:

Mehmet Begen, GSCS Coordinator, Email: [mbegen@ivey.uwo.ca](mailto:mbegen@ivey.uwo.ca)

## CORS 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.

Taraneh Sowlati, TSP Coordinator, Email: [taraneh.sowlati@ubc.ca](mailto:taraneh.sowlati@ubc.ca)

## 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 contain 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 15, 2016** to:

Andrea Friars  
Editor, CORS-SCRO 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.

## 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 ListServ. Direct inquiries to the Editor.

## CORS 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 award ceremony, occasionally organized jointly with an international society (IFORS, INFORMS), as well as numerous local events organized by the 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 National Conference:

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

**Harold Larnder Memorial 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 conferences, symposia, or workshops 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 and an example certificate 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 ([www.cors.ca](http://www.cors.ca)) and join online by credit card using the form found under membership services 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:** <http://www.cors.ca>

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