



The CORS Bulletin

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In This Issue

Dear CORS members,

The 55th CORS Annual Conference, to be held 27-29 May in Vancouver, BC, is rapidly approaching. Please see the conference schedule in this issue as well as the announcement of James Orlin as the Harold Larnder Prize winner. Other plenary session speakers at the conference include Brenda Dietrich of IBM, William Pulleyblank of the United States Military Academy, Vedat Verter of McGill University, and Grazia Speranza of the University of Brescia, Italy. Be sure to book your hotel room soon. The link for the conference is <http://cors.forestry.ubc.ca/>.

This issue also includes a report on The Operations Research Challenge (TORCH), a highly successful initiative by graduate students and faculty from the University of Toronto to engage high school students in operations research.

Please also see the listing of the nominees for the 2013-2014 CORS Council and an announcement of the publication of a special issue of *INFOR*, the journal that is published and sponsored by CORS. There is also Section News from Calgary and Montréal and news from the Queueing SIG.

See you in Vancouver.

Cheers,

Diane Bischak
Editor

Editor

Diane Bischak

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<http://www.cors.ca>

The 2012–2013 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 2012–2013 Council representatives is provided below. For a complete listing go to www.cors.ca.

President	Elkafi Hassini, McMaster University, hassini@mcmaster.ca
Vice-President	Corinne MacDonald, Dalhousie University, corinne.macdonald@dal.ca
Secretary	Dionne Aleman, University of Toronto, aleman@mie.utoronto.ca
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Councillor	Jonathan Patrick, University of Ottawa, patrick@tefler.uottawa.ca
Councillor	Jennifer Percival, UOIT, jennifer.percival@uoit.ca
Councillor	Louis-Martin Rousseau, École Polytechnique de Montréal, louis-martin.rousseau@polymtl.ca
Atlantic	Claver Diallo, Dalhousie University, claver.diallo@dal.ca
Quebec	Irène Abi-Zeid, Université Laval, irene.abi-zeid@osd.ulaval.ca
Montréal	Louis-Martin Rousseau, École Polytechnique de Montréal, louis-martin.rousseau@polymtl.ca
Ottawa	Dragos Calitoiu, Bank of America, Ottawa, calitoiu@optimod.ca
Kingston	Jeffrey I. McGill, Queen's University, jmcgill@business.queensu.ca
Toronto	Joseph Milner, University of Toronto, milner@rotman.utoronto.ca
SW Ontario	Fredrik Odegaard, University of Western Ontario, fodegaard@ivey.uwo.ca
Winnipeg	Currently vacant
Saskatoon	Winfried Grassmann, University of Saskatchewan, grassman@cs.usask.ca
Calgary	Maurice Elliott, Husky Energy, maurice.elliott@huskyenergy.ca
Edmonton	Armann Ingolfsson, University of Alberta, armann.ingolfsson@ualberta.ca
Vancouver	Taraneh Sowlati, University of British Columbia, taraneh.sowlati@ubc.ca
Toronto Student	Kimia Ghobadi, University of Toronto, kimia@mie.utoronto.ca
Waterloo Student	Qishu Cai, University of Waterloo, saulcai@hotmail.com

President's Message

Dear CORS Members,

This being a pre-conference issue of the Bulletin, I would like to take this opportunity to encourage you to register for the conference if you have not done so yet. In addition to the usual scientific program, this year's conference features five keynotes from internationally renowned scholars. We will hold our Annual General Meeting (AGM) during lunch time on Tuesday, May 28th and celebrate the achievement of our colleagues, through the CORS Awards Banquet, during the evening of the same day.

I am happy to report that the Society's membership has increased by more than 30% over the same period in 2012. Some recent measures taken by Council are expected to further promote the Society and strengthen its activities and reach. These include setting clear guidelines for the opening of student chapters as well as the financial management of local sections. The latter is expected to make it more flexible for local sections to operate. At the same time the new guidelines employ activity-based funding to ensure that the society's limited funds are allocated only to active sections.

Discussions on improving the revenue stream of the Society are ongoing in Council. Significant improvements have been made for plans to reposition *INFOR* and restructure its administration as well as the involvement of past CORS presidents in the strategic planning of the society. We are expecting to announce these plans during the AGM in Vancouver, and I look forward to welcoming you there.



Elkafi Hassini

A handwritten signature in black ink, appearing to read 'Elkafi Hassini'.

Elkafi Hassini

Council Corner

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

- **Section shares of dues to be activity-based:** Council discussed the fact that most sections did not submit membership dues, so the Council cannot send funds back to them. The CORS Constitution states that the sections must send an annual report, including a financial report, to Council to receive funds. Council passed a motion that the section shares of dues will be activity-based rather than dues-based. Most sections probably do not know they must send an annual report to receive dues, so reminders will be sent out, as well as a notice when the deadline has passed. Changes to the CORS Handbook will be made to explain activity-based sharing with sections.
- **Post-doctoral fellows to be treated as students for fee purposes:** Council passed a motion that, within CORS and unless otherwise explicitly stated, post-doctoral fellows will be treated as students for the purposes of fee collection. The Graduate Student Travel Funding webpage will be updated to explicitly prohibit post-doctoral fellows from applying, and the CORS Annual Conference registration webpage will state that post-doctoral fellows may register as students.
- **Past Presidents advisory council:** More than 10 past presidents replied to the CORS President's request for feedback about forming an advisory council. Most respondents recommended that the advisory council not have any specific voting power within Council but be used as a sounding board.
- **Media sponsor of "Best of Analytics" conference:** The Council passed a motion to be a media sponsor of the "Best of Analytics" conference that will take place in Edmonton and Calgary on May 13-15. The conference web site is at <http://www.bestofanalytics.com/>. Being a media sponsor means that CORS agrees to have the CORS logo displayed on the conference web page as a sponsor, CORS will send out a message on the CORS Listserv to advertise the conference, and CORS members will get a 10% registration discount.

Nominees for 2013–2014 Council Positions

Vice President: Taraneh Sowlati, Ph.D., P.Eng.

Dr. Taraneh Sowlati is an Associate Professor in the Department of Wood Science, Faculty of Forestry at the University of British Columbia. She received her Ph.D. in Industrial Engineering/Information Systems from the University of Toronto in 2001, when she joined UBC as a faculty member. Taraneh is a professional engineer and a member of the Association of Professional Engineers and Geoscientists in British Columbia. She has been a CORS member since she was a graduate student in Toronto. Her research interests cover a wide range including mathematical programming, operations research, supply chain modeling and optimization, efficiency and productivity assessment, life cycle assessment, forestry, biomass and bioenergy. Over the past few years, she has focused on forest biomass supply chain management and most of her current projects are related to utilizing forest biomass in different applications and optimizing their supply chains.



CORS related positions:

- CORS Full Member: Feb. 2002 – Present
- CORS Council Member: March 2008 – May 2010
- CORS Membership Committee Chair: March 2008 – Present
- CORS Vancouver Chapter President: May 2006 – Present
- CORS 2013 Annual Conference Chair

Secretary: Dionne M. Aleman, Ph.D., P.Eng.

Dionne M. Aleman is an assistant professor at the University of Toronto in the Department of Mechanical and Industrial Engineering. Her research involves applying distributed computing methods to large-scale medical and healthcare decision making problems, specifically, designing radiation therapy treatment plans, modelling and planning for pandemic disease outbreaks, and matching donors and recipients for bone marrow transplants. Prof. Aleman is a Topical Editor for the Wiley Encyclopedia of Operations Research and Management Science, and an Associate Editor for IIE Transactions on Healthcare Systems Engineering and for the International Journal of Biomedical Data Mining. Within INFORMS, Prof. Aleman is a Councillor for the Health Applications Society, past President of Junior Faculty Interest Group, past Chair of the Health Applications Society, and past Secretary and Treasurer for SPPSN. She has served as the CORS Council Secretary since June 2011.



Treasurer: Navneet Vidyarthi, Ph.D.

Navneet Vidyarthi is an Assistant Professor in the Department of Decision Sciences and Management Information Systems at the John Molson School of Business, Concordia University, Montreal. He holds a Ph.D. degree in Management Sciences from the University of Waterloo, a master's degree in Industrial Engineering from the University of Windsor and a bachelor's degree in Mechanical Engineering from the North Eastern Regional Institute of Science and Technology, India. His research interests can be broadly categorized as strategic design and tactical planning in supply chain management with methodological interests in large-scale optimization, simulation based optimization, and meta-heuristics. His works have appeared in *Transportation Science*, *IIE Transactions*, and *International Journal of Production Research* among several others. His teaching interests are in the area of Operations Management, Supply Chain Management, and Operations Research. He has won awards including the NSERC Post Doctoral Fellowship (PDF) and NSERC Alexander Graham Bell Canada Graduate Scholarship (CGS). He has also received honourable mention in the 2007 Canadian Operational Research Society (CORS) student paper competition. He is a member of CORS, POMS, INFORMS, and the Waterloo Management of Integrated Manufacturing Systems (WATMIMS) research centre. He has organized the 2007 South Western Ontario Operational Research Day (SWORD) at Waterloo. Navneet has served as CORS Treasurer since May 2009.

**Councillor 2013-2015: Robert Allie**

Robert Allie is currently a Senior Sales Analyst for Ready Bake Foods, the frozen division of Weston Foods. Previous to that, he held positions in Transportation and Supply Chain/Logistics at Ready Bake and as an Operations Specialist at a small industrial fan manufacture, Delhi Industries. He obtained his MBA in Operations Management at DeGroote School of Business at McMaster University and holds a BSc from the University of Waterloo. His interests mostly lie in network optimization and queuing systems. With his recent move to Sales, he will be expanding his knowledge in the pricing and revenue realms. Previous committee work has included the University of Waterloo Senate and Board of Governors, with their subcommittees, as well as various student administrative groups.



Councillor 2013-2015: Xuan Zhao, Ph.D.

Dr. Zhao holds a Ph.D. in the joint fields of Management Science and Logistics from the University of British Columbia, an MEM (Master of Engineering Management) from Northeastern University, and a B.Eng. in Chemical Engineering from Hunan University, China. Her research involves utilizing the tools of Management Science/Operations Research and Economics (Game Theory) to model, analyze and derive insights into problems in the areas of Supply Chain Management, Revenue Management, Inventory/Production Control, Marketing/OM interfaces, Green Product Development, and entrepreneurship. Her research papers have been published or are in press by



prestigious referred journals in operations such as *Manufacturing & Service Operations Management*, *Production and Operations Management*, *IIE Transactions*, *Operations Research Letters*, *European Journal of Operational Research*, *International Journal of Production Economics*, *International Journal of Management Science* and *Applied Mathematical Modeling*, *Asian-Pacific Journal of Operations Research*, as well as in strong marketing journals, including *Quantitative Marketing and Economics* and *European Journal of Marketing*.

Her research has been recognized and supported by research councils in Canada such as Natural Sciences and Engineering Research Council of Canada (NSERC) and Ministry of Ontario Research and Innovation Council. External and internal funds (total of \$405,000) enable her to supervise four post-doctoral fellows, two doctoral students and two master's students. She has also won numerous other grants, awards and scholarships including the faculty merit award, post-doctoral supervision fellowship, course remission grant, Canadian Operations Research Society Doctoral Student Paper Competition Award, Dean Earle D. MacPhee Memorial Scholarship, Lusztig Scholarship, and others. She has also received honourable mention in the 2003 Canadian Operational Research Society (CORS) student paper competition. She is a member of CORS, POMS, M&SOM and INFORMS. She has been appointed as an adjunct professor in the Department of Management Science in the University of Waterloo since 2008, an external academic examiner in Lingnan University (Hong Kong) since 2010, and an honorable scholar in Northeastern University (China) since 2011.

55th CORS Annual Conference May 27-29, 2013 Hyatt Regency, Vancouver, Canada

Schedule:

Monday May 27, 2013	Tuesday May 28, 2013	Wednesday May 29, 2013
8:30 – 9:45 Parallel sessions	8:30 – 9:45 Parallel sessions	8:30 – 9:45 Parallel sessions
10:00 – 11:00 Plenary session Dr. Jim Orlin MIT, USA (Harold Larnder Prize Lecture)	10:00 – 11:00 Plenary session Dr. William Pulleyblank The United States Military Academy, USA	10:00 – 11:00 Plenary session Dr. Grazia Speranza University of Brescia, Italy
11:00 – 12:15 Parallel sessions	11:00 – 12:15 Parallel sessions	11:00 – 12:15 Parallel sessions
12:15 – 1:30 CORS Council Meeting	12:15 – 1:30 CORS AGM Lunch	12:15 – 2:00 CORS Council Meeting
1:30 – 2:30 Plenary session Dr. Brenda Dietrich IBM, USA	1:30 – 2:30 Plenary session Dr. Vedat Verter McGill University, Canada	
2:45 – 4:00 Parallel sessions	2:45 – 5:30 Parallel sessions	
4:15 – 5:30 Parallel sessions	4:15 – 5:30 Parallel sessions	
6:30- 8:00 Reception	7:00 – 10:00 CORS Banquet	

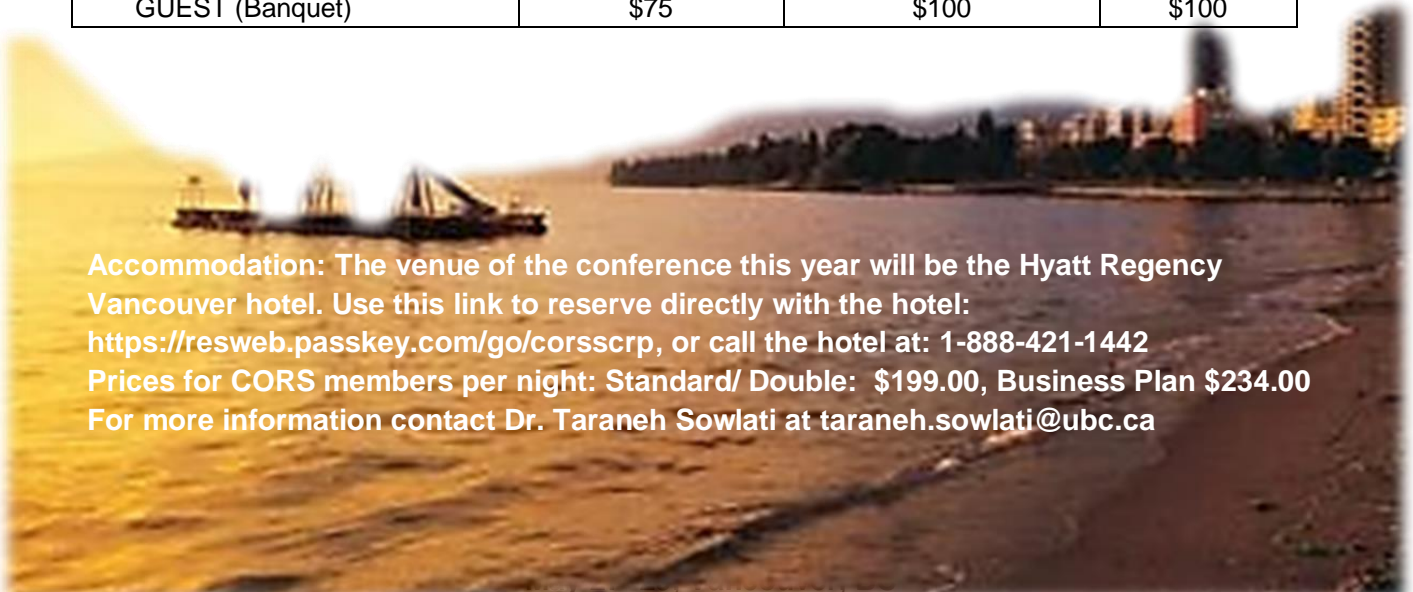


Scientific Program: 12 clusters, 77 sessions, and over 220 presentations

Clusters	Chair(s)
Operations Research and Healthcare	Dr. Derek Atkins
Location Theory and Analysis	Dr. Oded Berman
Transportation and Logistics	Dr. Jean Cordeau
Queuing Theory	Dr. Douglas Down
Supply chain management	Dr. Tim Huh
OR Education	Dr. Srinu Krishnamoorthy
Finance and Risk Management	Dr. Chi-Guhn Lee
Mathematical Programming	Dr. Zhaosong Lu
Operations Research in Forestry	Dr. Luc LeBel
Military Applications	Dr. Rene Seguin
Discrete and combinatorial optimization	Dr. Tamon Stephen
Pricing and revenue management	Dr. Xuan Zhao

CORS 2013 Registration Fee Schedule (in Canadian Dollars)

	Until March 29	March 30 – April 30	From May 1
REGULAR (CORS Member)	\$425	\$525	\$575
REGULAR (Non Member)	\$535	\$635	\$685
STUDENT (CORS Member)	\$100	\$125	\$175
STUDENT (Non-Member)	\$145	\$170	\$220
RETIREE (CORS Member)	\$210	\$260	\$310
GUEST (Banquet)	\$75	\$100	\$100



Accommodation: The venue of the conference this year will be the Hyatt Regency Vancouver hotel. Use this link to reserve directly with the hotel: <https://resweb.passkey.com/go/corsscrp>, or call the hotel at: 1-888-421-1442
Prices for CORS members per night: Standard/ Double: \$199.00, Business Plan \$234.00
 For more information contact Dr. Taraneh Sowlati at taraneh.sowlati@ubc.ca

2013 Harold Larnder Prize awarded to James B. Orlin

James Orlin is the Edward Pennell Brooks Professor of Operations Research at the Sloan School of Management, Massachusetts Institute of Technology. He is best known for his research on obtaining faster algorithms for problems in network and combinatorial optimization and for his text with Ravi Ahuja and Tom Magnanti entitled *Network Flows: Theory, Algorithms, and Applications*. The authors won the 1993 Lanchester Prize (given by INFORMS for the best publication in O.R. for the year) for this book. He has also won recognition for several co-authored publications that address (in one form or another) optimization under uncertainty. In particular, he has won the following awards: the 2004 EXPLOR Award (for leadership in online marketing research), the 2007 INFORMS Computing Society Prize (for research in the interface of O.R. and computer science), the 2008 IEEE Leonard G. Abraham Prize (for research in communication theory), the 2008 INFORMS Koopman Prize (for research in military operations research), and the 2011 IEEE Bennett Prize (for research in communication theory).



Abstract of Larnder Prize Lecture: “Some random musings on elementary probability theory”

Uncertainty is everywhere! And probability theory is the most important mathematical theory for understanding uncertainty. Yet even elementary questions in probability are remarkably subtle, and well-trained mathematicians often get them wrong. This talk presents random musings on probability while addressing the following three questions:

- (1) Why do so many people (even experts) make simple conceptual errors when thinking about questions in elementary probability?
- (2) How can one improve one's probabilistic intuition?
- (3) What are some things that the O.R. community can do to help out?

Special Issue of *INFOR* Published

A special issue of *INFOR: Information Systems and Operational Research*, "Multi-Attribute Finance, Investment and Insurance" (Volume 50, Number 3 / 8 2012) is now available at <http://www.utpjournals.com/infor/CORSMember.html>. Online subscription to *INFOR* is FREE for CORS members. This issue contains the following articles:

- *Portfolio Selection with Multiple Time Horizons: A Mean Variance - Stochastic Goal Programming Approach*. Authors: Enrique Ballesteros and Ana Garcia-Bernabeu.
- *A Goal Programming Model with Satisfaction Function for Risk Management and Optimal Portfolio Diversification*. Authors: Marco Maggis and Davide La Torre.
- *Evaluating Loan Performance for Bank Offices: A Multicriteria Decision- Making Approach*. Authors: Mila Bravo and David Pla-Santamaria
- *A Recourse Goal Programming Approach for the Portfolio Selection Problem*. Authors: Meryem Masmoudi and Fouad Ben Abdelaziz
- *Different Probability Distributions for Portfolio Selection in the Chance Constrained Compromise Programming Model*. Authors: Ian Boswarva and Belaid Aouni

Authors are invited to submit papers on the theory, methodology and practice of OR and IS and, particularly, papers incorporating elements of both subjects. *INFOR* is committed to the timely publication of scientific results. Every effort is thus made to ensure a quick turnaround to all papers submitted to the journal.

To submit a paper, email a PDF file to the *INFOR* Editor-in-Chief, Bernard Gendron, Bernard.Gendron@cirrelt.ca. For submission instructions and subscriptions, visit the *INFOR* official website, <http://www.utpjournals.com/INFOR-Information-Systems-and-Operational-Research.html>.

CORS Sections News

Calgary

CORS Calgary held a seminar entitled “Risk & Value – A Practical Approach to Effective Decision Making in a Large Water and Wastewater Utility” on Friday, April 19th on the University of Calgary campus. The speaker was Owen James, Asset Management Specialist at Associated Engineering.

Montréal

The Montréal section of CORS held a seminar on Thursday, February 21st entitled “Numerical Solution of Saddle-Point Linear Systems.” The speaker was Chen Greif of the University of British Columbia. The seminar, which was held on the campus of the Université de Montréal, was organized jointly with GERAD and financially supported by the CORS Traveling Speakers Program.

Montréal also has a new section vice-president: Miguel Anjos.

CORS SIGs News

Queueing SIG

The Queueing SIG has organized a cluster at the upcoming Vancouver meeting. In addition to the technical talks, we will have our Business Meeting, which everyone is welcome to attend. The highlight of the meeting will be the presentation of our inaugural Student Paper Prize.

In addition to activities for this year's CORS Meeting, there is also an initiative of the SIG to put together a special issue of *INFOR* on Queueing in Computer and Telecommunication Systems. The deadline for submissions is May 15, 2013 and submissions can be made to either Doug Down (downd@mcmaster.ca) or Yiqiang Zhao (zhao@math.carleton.ca).

As always, we are happy to add new members. Information on the SIG and updated announcements can be found at <http://www.cas.mcmaster.ca/~downd/corsqsig/>.

Sparking the OR Flame in High Schools

By Daria Terekhov, Maliheh Aramon Bajestani, and Tony T. Tran



On March 16th, 88 high school students from grades 9 to 12 participated in The Third Annual Operations Research Challenge (TORCH 2013) at the Department of Mechanical & Industrial Engineering (MIE), University of Toronto.

TORCH (<http://orchallenge.org/>) is an annual one-day free event held on the second Saturday of March break. High school students work in teams of 3 or 4 to solve a variety of OR-related questions, ranging from fun questions such as finding the best strategy in the game of Starcraft and maximizing time on rides at Disneyland, to serious ones, such as managing resources to help storm victims and devising a treatment plan for lung cancer. Teams work in separate classrooms where they can freely discuss their ideas and use blackboards to brainstorm a solution methodology. Students can seek question clarifications from graduate and undergraduate mentors. They are provided with lunch and snacks. During the lunch break, representatives of other outreach programs speak to students about exciting opportunities available at the University of Toronto. The contest is followed by an introductory lecture on OR given by an MIE professor, presentations by MIE graduate students, a discussion of the solutions, and an awards ceremony. The first place prize includes \$300 and, for each member of the winning team, a week of DEEP Summer Academy offered by the Engineering Outreach Office at the University of Toronto.

TORCH was founded in 2011 by Toronto Intelligent Decision Engineering Laboratory (TIDEL) graduate students Daria Terekhov, Maliheh Aramon Bajestani, Tony T. Tran, T. K. Feng and Christian Muise, under the guidance of Professor J. Christopher Beck. The motivation for the contest came from the observation that students in Canadian high schools are generally not aware of the existence of operations research. Thus, the contest was founded with the following goals in mind:

- to interest students in operations research and demonstrate the importance of OR in solving real-world problems,
- to encourage a wide range of students to consider studying OR in university, and
- to organize a fun day of learning at the University of Toronto.

To achieve the contest goals, the problems are designed to be appealing to high school students, interleaving fantasy settings with real-world applications. By asking the teams to solve problems with a level of difficulty well beyond that of the problems typically seen in school, the contest promotes the students' problem-solving skills and creativity. In addition, the format of the competition helps the participants develop teamwork and communication skills and provides them with an opportunity to interact with university students.

To the best of the founders' knowledge, the event is the first of its kind in North America. In the initial year of the competition, 2011, the contest attracted 37 participants, growing to 65 in 2012 and to 88 this year. Over the years, the number of people involved in organizing the event has increased. Through the advice of Professor Timothy Chan, TORCH was able to secure additional sponsors and increase promotional efforts. TORCH plans to continue growing in the coming years and to attract high school students from across Canada.

The feedback received from the participants since TORCH 2011 has been very positive, including "I liked having the chance to solve problems that are relevant to real life" and "I liked, and joined for, the collaborative and competitive nature of the event. I enjoyed working with my team, and I felt that the working environment offered to us was excellent."

TORCH is completely organized by MIE graduate students, and its success is heavily dependent on the time and effort of many student volunteers and university staff. The TORCH 2013 executive team comprising the founders mentioned above, Jane Ip, Sebastian Kosch, Wen-Yang Ku, Janet Sung, and Peter Zhang, expresses its gratitude to those volunteers for making the competition a fun and valuable experience for high school students, to MIE and Engineering Outreach Office staff for their ongoing support of the event, and to Heyse Li for designing the TORCH logo and poster.

TORCH would also like to thank sponsors who have made this event possible for three years, including the Ontario Ministry of Research and Innovation (2011, 2013), the Canadian Artificial Intelligence Association (CAIAC, 2012), and sponsors from the University of Toronto: the Faculty of Applied Science and Engineering (2013), the Department of Mechanical and Industrial Engineering (2011, 2012, 2013), the Rotman School of Management (2013), the Engineering Outreach Office (2011, 2012, 2013), the Engineering Alumni Association (2012, 2013), the Skule™ Lunch and Learn Series attendees (2013), the University of Toronto Operations Research Group (UTORG, 2012), and the Association of Mechanical and Industrial Engineering Graduate Students (AMIGAS, 2012).

For more information about TORCH, please go to www.orchallenge.org or contact the TORCH executive at info@orchallenge.org.

Announcements

CORS Special Interest Groups

CORS Council recently 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 Queueing Theory SIG: contact Doug Down (downd@univmail.cis.mcmaster.ca, McMaster University, Department of Computing and Software).
- CORS Health Care Operational Research SIG: contact John Blake (john.blake@dal.ca, Dalhousie University, Department of Industrial Engineering).
- CORS Forestry SIG: contact Gregory Paradis (gregory.paradis.1@ulaval.ca, Université Laval, Department of Forest Science), or go to <http://cors-forestrysig.pieorswirls.com/>.

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: Elkafi Hassini (hassini@mcmaster.ca), Armann Ingolfsson (armann.ingolfsson@ualberta.ca), and Douglas Woolford (dwoolford@wlu.ca).

It's time to renew your CORS membership

Don't forget to renew your CORS Membership.

Go to <http://www.cors.ca> to renew online using your VISA® or MasterCard® credit card

OR

Mail your credit card information or a cheque payable to the Canadian Operational Research Society to CORS-SCRO, Box/C.P. 2225, Station D, Ottawa, ON K1P 5W4. If you do not wish to continue as a member of the Society, please contact Erla Anderson at erla@shaw.ca.

Meetings and Conferences

CORS Business Meetings

May 26, 2013	CORS Council Meeting, Vancouver, BC
May 27, 2013	CORS Council Meeting, Vancouver, BC
May 28, 2013	CORS Annual General Meeting, Vancouver, BC
May 29, 2013	CORS Council Meeting, Vancouver, BC

CORS Annual Conferences

May 27–29, 2013	CORS Annual Conference, Vancouver, BC
2014	CORS Annual Conference, Ottawa, ON
2015	CORS Annual Conference, Montreal, QC – joint with INFORMS
2017	CORS Annual Conference, Quebec City, QC – joint with IFORS

Other Conferences

2013 May 3–6	POMS 24 th Annual Meeting, Denver, CO http://www.pomsmeetings.org
2013 June 23–26	INFORMS Healthcare, Chicago, IL http://meetings.informs.org/healthcare2013/
2013 June 26–28	11 th EUROPT Workshop on Advances in Continuous Optimization, Florence, Italy http://www.europt2013.org/
2013 June 27–28	Joint International Conference on OR for Development (ICORD) / EURO Working Group on Operational Research for Development (EWG-ORD) Workshop, “Operations Research: Addressing Issues of Development,” Rome, Italy, in conjunction with EURO/INFORMS http://ifors.org/web/joint-icordewg-ord-workshop/
2013 July 1–4	EURO/INFORMS Joint International Conference, Rome, Italy http://www.euro2013.org
2013 July 8–10	ISIATM (Interdisciplinary Science for Innovative Air Traffic Management), École Nationale de l'Aviation Civile, Toulouse, France https://isiatm.recherche.enac.fr/
2013 July 14–18	First Workshop on Expanding the Boundaries of Health Informatics Using Artificial Intelligence (HIAI), co-located with The Twenty-Seventh AAAI Conference (AAAI-13) in Bellevue, WA http://www.adventiumlabs.com/HIAI13

2013 Oct. 6–9	INFORMS 2013, Minneapolis, MN http://meetings2.informs.org/minneapolis2013/
2014 July 13–18	IFORS (International Federation of Operational Research Societies) 20th Conference, Barcelona, Spain http://www.ifors2014.org/
2014 Nov. 16–19	INFORMS 2014, San Francisco, CA

WWW Conference Listings

CORS-SCRO Conference Page: 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 Conference Support (GSCS) Program

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 online application form for GSCS funding is available at
http://www.cors.ca/en/students/i_graduate.php

Since 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:

Fredrik Odegaard, CORS GSCS Coordinator
Phone: 519-661-4278 E-mail: fodegaard@ivey.uwo.ca

INFORMS Teaching Effectiveness Colloquium (For Faculty)

In conjunction with the Annual INFORMS Meetings, INFORMS hosts a Teaching Effectiveness Colloquium. CORS has funding available to partially support a limited number of faculty members interested in attending. Faculty members that are awarded funding are expected to:

- give a presentation in an OR/MS Education session at CORS National Meeting, and
- write a short article regarding OR/MS education for the CORS Bulletin.

Funding is restricted to faculty members, and not available to graduate students. For more information and instructions on how to apply please contact:

Fredrik Odegaard, CORS Education Chair
Phone: 519-661-4278 E-mail: fodegaard@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.

Samir Elhedhli CORS TSP Coordinator
Phone: 519-888-4567 E-mail: elhedhli@uwaterloo.ca

The Next Issue

The next issue of the Bulletin is the post-conference issue and is scheduled to appear in July 2013. It will include information about the 2013 winners of CORS Awards and announce the 2013-2014 CORS Council. Contributions to this issue, especially news on the activities of SIGs, local sections or CORS Members, should be submitted by **June 17, 2013** to:

Diane Bischak
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The preferred method of submission is by an MS-Word attachment to an e-mail.

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, e-mail Erla Anderson, CORS Membership Services at erla@shaw.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) 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 \$45

Website: <http://www.cors.ca>

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www.cors.ca