Improving Global Outcomes Through Safer Surgery

June 5th - June 8th, 2014
McMaster University, Hamilton, Ontario

Ewart Angus Centre, 1st floor (purple elevator)

A unique annual conference focused on improving surgical care in low- and middle-income countries.


2014 Conference Themes:
Sustainable partnerships and building local capacity | Improving inter-professional collaboration
Patient safety, critical care and transport | Evidence-based surgery in low-resource settings
Welcome to Hamilton and the 14th Bethune Round Table conference! This is a unique annual interdisciplinary scientific meeting that brings together health professionals from Canada and the global ‘north’ with participants from the global ‘south’ to discuss challenges and solutions to improving, anesthetic, obstetrical and surgical care in low and middle income countries.

Dr. Massey Beveridge and the Office of International at the University of Toronto started the BRT in 2001 and named it for Dr. Norman Bethune, a Canadian surgeon committed to underserved populations. The conference is now led by the Canadian Network for International Surgery (CNIS) and has been hosted by academic centers in Toronto, Vancouver, Calgary, Montreal and now Hamilton. Since 2001, more than 400 speakers from 42 countries have presented papers at the BRT, 40% of them from low income countries.

Travel scholarships to attend the BRT are awarded to LMIC participants based on peer review of their submitted abstracts. The generosity of our conference sponsors nurtures north-south partnerships and builds leadership capacity in global surgery. This year the abstract review committee had the difficult challenge of selecting 15 awards from 69 applicants, and welcomes BRT Scholars from Botswana, Democratic Republic of Congo, Ethiopia, India, Kenya, Nigeria, Rwanda, Uganda, Ukraine, and Zimbabwe. A total of 48 abstracts, the most ever, were selected for podium or poster presentation from 107 submissions.

We thank the leadership of CNIS and its founder Dr. Ron Lett for sustaining the Bethune Round Table conference, and Dr. Susan Reid, the Chair of Surgery at McMaster University, for her full support for hosting it at McMaster. Organizing the conference is a big job, and we specially thank Conference Coordinator Ms. Helena Collins from the Canadian Coalition for Global Health Research, and Travel Coordinator Ms. Trish McDonald from the St. Joseph’s International Outreach Program.

Spring is beautiful on the McMaster campus, situated next to the Coote’s Paradise nature sanctuary where you can see swans and maybe even a bald eagle on your morning run. Enjoy the 2014 BRT, absorb as much as you can, and we know you will leave invigorated and stimulated to be part of the growing global surgery movement.

On behalf of the Planning Committee,

Brian Cameron
MD, Chair, BRT2014

Helena Collins
Conference Coordinator, BRT 2014
KEYNOTE SPEAKERS

Dr. James Orbinski OC, MSc, BSc, MD, MA
Research Chair & Professor in Global Health, Balsille School of International Affairs, Professor, School of International Policy and Governance, Wilfrid Laurier University
Professor of Medicine, Dalla Lana School of Public Health, University of Toronto

Dr. Orbinski is a humanitarian practitioner and advocate, as well as a leading scholar in global health. After extensive humanitarian field experience in war, famine and epidemics, he was elected International Council President of Médecins Sans Frontières/Doctors Without Borders (MSF) (1998-2001). In 1999 he accepted the Nobel Peace Prize awarded to MSF. From 2001 to 2004 he co-chaired the establishment of the Drugs For Neglected Diseases Initiative, a global research network focused on drug research and development for neglected tropical diseases. In 2004 he co-founded Dignitas international, a hybrid academic-NGO, which is now supporting more than 200,000 patients on full treatment for HIV in Malawi, and an extensive research and publishing record on health systems in the developing world. Dr. Orbinski is currently developing a research and policy agenda around the health impacts of climate change in Africa. Dr. Orbinski is an award winning author, and his bestselling book, An Imperfect Offering: Humanitarianism in the Twenty-First Century has been translated into five languages. Dr. Orbinski is an Officer of the Order of Canada.

Dr. Jean Chamberlain Froese,
Executive Director–Save the Mothers
Associate Professor, Obstetrics and Gynecology, McMaster University

Dr. Chamberlain Froese is a past recipient of the Teasdale-Corti Humanitarian Award (2009) and Prix d’Excellence (2012) of the Royal College of Physicians and Surgeons of Canada. Her award-winning book, Where Have All The Mothers Gone?, tells stories of courage and hope during childbirth among the world’s poorest women. She spends eight months of the year at the Uganda Christian University where she initiated the STM program in 2005. The program has trained over 330 East African multidisciplinary professionals to be advocates for safe motherhood.

Dr. Vivienne Mitchell-Amata, MBBS, DA, DM (UW), MPH (Lon)
Specialist Medical Officer, Scarborough General Hospital, Tobago Regional Health Authority

Dr. Mitchell-Amata trained in Anesthesia and Intensive Care at the University of the West Indies and Glasgow, Scotland and received her MPH from the University of London. As a Consultant Anesthetist and Lecturer, Dr. Mitchell initiated an Obstetric Analgesia course for midwives in Trinidad, an obstetric epidural service in Kenya, and a transformation to regional obstetric anesthesia in Guyana. In 2011 Dr. Mitchell received a grant from the International Association for the Study of Pain (IASP) to educate health workers in Guyana about pain management, and she has been actively involved in training nurse-anesthetists. She recently published results of a local survey of Intimate Partner Violence (IPV) and created a curriculum about IPV for health care workers. Dr. Mitchell was recognized as Ms. Guyana Renaissance in 2012.

Dr. Leland Albright
Pediatric Neurosurgeon, BethanyKids at Kijabe Hospital, Kenya
Former Chief of Pediatric Neurosurgery, University of Pittsburgh

Dr. Albright completed his neurological training at the University of Pittsburgh in 1978. He was on the faculty of the University of Pittsburgh Medical Center from 1981-2006, Professor of neurosurgery at UPMC, chief of neurosurgery at the Children’s Hospital of Pittsburgh, and the recipient of an endowed chair in pediatric neurosurgery in his name. He was then on the faculty of the University of Wisconsin Health Center from 2006-2010. He is the author of 192 publications, 47 book chapters, and is the senior editor of Principles and Practice of Pediatric Neurosurgery. Dr. Albright and his wife, Susan, a pediatric nurse practitioner, moved to Kijabe, Kenya, in September 2010, to do and teach pediatric neurosurgery. Approximately 5000 neurological operations have been done since their arrival. Dr. Albright was recognized by the American Association of Neurological Surgeons with their 2012 Humanitarian Award. He will deliver the annual Ab Guha Lecture, sponsored by the Division of Neurosurgery, Toronto Western Hospital.

Ms. Erica Di Ruggiero, PhD (c)
Associate Director, Institute of Population and Public Health.
Canadian Institutes of Health Research (CIHR), University of Ottawa

Ms. Di Ruggiero is actively involved in Canada’s Global Health Research Initiative, a partnership between Health Canada, the Canadian International Development Agency (CIDA), the International Development Research Centre (IDRC) and CIHR. This initiative aims to support researchers and decision-makers in their efforts to develop effective policies, programs and strategies to improve health and strengthen health systems in low- and middle-income countries.

Information for PODIUM presentations:
- Podium presenters will have 10 minutes to present their paper. Some speakers will present their paper to a plenary session, and some will be presented to smaller special interest groups. Slides in PowerPoint format should be submitted by email to kanters@mcmaster.ca by 48 hours before your presentation. Please also bring a USB key with your presentation. There will be a table outside the presentation room where presentations can be submitted before each session. We suggest a maximum of 20 slides. The Cochrane Collaboration has Tips for making PowerPoint slides.

THURSDAY, JUNE 5, 2014
Conference Schedule

11:00 a.m. Welcome lunch for BRT Travel Scholars (Skylight Room, Commons Building)

6:30 p.m. Welcome Reception and Buffet (University Club)
Dress: Cocktail Attire.
Welcome: Dr. David Wilkinson, Provost and Vice President (Academic) McMaster University
Music: Chris Bruder jazz duet.
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:15 a.m.</td>
<td>Registration, breakfast buffet</td>
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<tr>
<td>7:45 a.m.</td>
<td>Welcome – Dr. Brian Cameron, Chair, Bethune Round Table 2014</td>
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<td></td>
<td>Dr. Susan Reid, Professor and Chair, McMaster Department of Surgery</td>
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<td>Dr. John Kelton, Dean &amp; Vice President (Health Sciences), McMaster University</td>
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<tr>
<td>8:15 a.m.</td>
<td>Introduction of keynote speaker by Dean Kelton</td>
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<td>Keynote Speaker: Dr. James Orbinski OC, Professor in Global Health, Balsillie School of International Affairs, Waterloo, ‘Equity and Global Health’</td>
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<tr>
<td>9:00 a.m.</td>
<td>Paper Session 1:</td>
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<td>‘Sustainable partnerships and building local capacity’</td>
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<td></td>
<td>Participants will present and discuss examples of successful north-south partnerships in clinical service and education. Opportunities and challenges in recruiting, training and retaining local surgical leaders will be debated.</td>
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<td>Moderator: Dr. Gwen Hollaar, Chair, Centre for Global Surgery, University of Calgary</td>
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<tr>
<td>9:15 a.m.</td>
<td>Questions and panel discussion.</td>
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<tr>
<td>10:00 a.m.</td>
<td>Questions and panel discussion.</td>
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<tr>
<td>10:15 a.m.</td>
<td>One-minute poster-teasers</td>
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<td>10:20 a.m.</td>
<td>Nutrition break and networking</td>
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<td>10:45 a.m.</td>
<td>Debate: Obstacles providing high-quality orthopedic implants to low-resource settings: Are they insurmountable?</td>
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<td>Moderator: Dr. Brad Petrisor, Associate Professor of Orthopedic Surgery, McMaster University</td>
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<td>Discussants: Dr. Sister Mary Margaret Ajiko, General Surgeon, Uganda, Dr. Mohit Bhandari, Orthopedic Surgeon, McMaster University Dr. Georges Beauvoir, Orthopedic Surgeon, Haiti, Dr. James Orbinski, Professor in Global Health, Balsillie School of International Affairs, Waterloo</td>
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<tr>
<td>11:45 a.m.</td>
<td>Lunch and poster viewing</td>
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<td>12:00 p.m.</td>
<td>Introduction of keynote speaker by Dr. Robert Hutchison, Associate Clinical Professor, Obstetrics and Gynecology, McMaster University</td>
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<td>Keynote Speaker: Dr. Jean Chamberlain Froese, Executive Director--Save the Mothers, Associate Professor, Obstetrics and Gynecology, McMaster University</td>
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<td></td>
<td>Getting the whole team on board to save mothers and their babies in LMIC--know your team and how to mobilize them</td>
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<td>Learning Objectives:</td>
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<td>1) Be familiar with the major obstacles for safe motherhood and early newborn health in low middle income countries (LMIC)</td>
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<td>2) Recognize the important players to improve maternal/newborn health</td>
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<td>3) Review 2 strategies to mobilize the team players needed for sustainable and effective change--both inside and outside the health facility</td>
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<tr>
<td>1:15 p.m.</td>
<td>Questions and discussion.</td>
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<tr>
<td>1:45 p.m.</td>
<td>Questions and discussion.</td>
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**Location:** Ewart Angus Centre, McMaster University Medical Centre, Room 1A1
# Conference Schedule

## 2:00 p.m.
### Paper Session 2: Improving interprofessional collaboration
Participants will have opportunity to present and discuss examples of collaboration between surgeons, anesthesiologists, obstetrician/gynecologists, nurses, and other health professionals working to improve surgical care in low and middle-countries.

**Moderator:** Dr. Marius Hoogerboord, Director, Global Surgery Office, Dalhousie University

<table>
<thead>
<tr>
<th>5. Dr. Obinna Ajuzieogu</th>
<th>University of Nigeria Teaching Hospital, Nigeria</th>
<th>Reducing Maternal Deaths from Postpartum Hemorrhage in Nigeria</th>
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<tbody>
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<td>6. Dr. Abdulrasheed Nasir</td>
<td>University of Ilorin/University of Ilorin Teaching Hospital, Nigeria</td>
<td>Nigeria-India Collaboration in Pediatric Surgery</td>
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<tr>
<td>7. Dr. Faith Muchemwa</td>
<td>University of Zimbabwe, Harare, Zimbabwe</td>
<td>Factors Hindering Women in Surgery</td>
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<tr>
<td>8. Dr. Abebe Bekele</td>
<td>Addis Ababa University, Ethiopia</td>
<td>Inadequate Hepatitis B Vaccination</td>
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## 2:45 p.m.
Questions and panel discussion.

## 3:00 p.m.
Nutrition break and networking

## 3:30 p.m.
### Concurrent Sessions

<table>
<thead>
<tr>
<th>Paper Session 3 (Room 1A3): Maternal and Child Surgical Care</th>
<th>Moderator: Dr. Laurie Elit, Professor, Obstetrics and Gynecology, McMaster University</th>
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</thead>
<tbody>
<tr>
<td>9. Mr. Hampus Holmer, Harvard Medical School, USA, Meta-Analysis of Global Met</td>
<td>Need for Obstetric Care</td>
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<td>10. Ms. Irene Nakonde, Regional Community Health Support Initiative (RCHSI), Uganda.</td>
<td>Improving Service-based Obstetric Care to Reduce Maternal Mortalities</td>
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<td>21. Mr. Eric Nagengast, Program in Global Surgery and Social Change, Boston, Mass.</td>
<td>Comprehensive Cleft Care Center</td>
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<tr>
<th>Paper Session 4 (Room 1A1): Emergency Surgery</th>
<th>Moderator: Dr. Olivia Kituuka, Lecturer in Surgery, Makerere University, Uganda</th>
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<tr>
<td>11. Dr. Khumukcham Singh, Government of Meghalaya, India.</td>
<td>Improving Surgical Capacity in Rural India</td>
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<td>12. Dr. Jean de la Croix Allen Ingabire, University of Rwanda, Surgery Department.</td>
<td>Rwanda Trauma Quality Indicators</td>
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<td>13. Dr. Manta Swaroop, Northwestern University, USA.</td>
<td>Trauma First Responders Course in Bolivia</td>
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## 3:30 p.m.
### Paper Session 5 (Room 1A4):
**Improving Surgical Anesthesia**
Moderator: Dr. Aloz Dauphin, Clinical Professor, Anesthesia, McMaster University

17. Dr. Obinna Ajuzieogu, University of Nigeria Teaching Hospital, Enugu, Nigeria, | Reducing Critical Incidents in Neonatal Anesthesia |
18. Dr. Luc Malemo, HEAL Hospital, Goma, Democratic Republic of Congo, | Ultrasound Guided Regional Anesthesia |

## 4:30 p.m.
Report back from small groups – summary and discussion

## 5:00 p.m.
Wrap-up

Friday evening
Open social evening – Dundas Busker Fest or James Street North
**SATURDAY, JUNE 7, 2014**  
Conference Schedule

<table>
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<tr>
<th>Time</th>
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<tr>
<td>7:30 a.m.</td>
<td>Registration, breakfast buffet</td>
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<td>CAGS International Surgery Committee meeting 1A3</td>
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<tr>
<td>8:30 a.m.</td>
<td>Introduction of keynote speaker by Dr. Anne Wong, Associate Professor, Anesthesia, McMaster University</td>
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<td>Keynote Speaker: Dr. Vivienne Mitchell-Amata, Chair, Medical Council of Guyana</td>
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<td>&quot;Lessons learnt from efforts to improve the quality of health care in Guyana&quot;</td>
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<td></td>
<td>Learning Objectives:</td>
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<td></td>
<td>1. Systemic structures and processes can hinder the effectiveness of other initiatives</td>
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<td></td>
<td>2. Mass training and contract bonding are inadequate solutions to counteract the brain drain</td>
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<td>3. Short-term training programs should preferably be balanced by simultaneous training of fully</td>
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<td>qualified health professionals</td>
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<td>9:00 a.m.</td>
<td>Questions and discussion.</td>
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<td>9:15 a.m.</td>
<td>Paper Session 7:</td>
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<td>'Patient safety, critical care and transport'</td>
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<td>Recognizing the availability of the surgical safety checklist, participants will present</td>
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<td>and discuss the role of health professionals in ensuring patient safety perioperatively,</td>
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<td>in the operating room, during transport.</td>
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<td>Moderator: Dr. Brian Westerberg, Associate Director, University of British Columbia Branch for</td>
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<td>International Surgery</td>
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<td>9:45 a.m.</td>
<td>Questions and discussion.</td>
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<td>10:00 a.m.</td>
<td>One Minute Poster Teasers</td>
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<td></td>
<td>P1 Dr. Obinna Ajuzieogu, Nigeria</td>
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<td>P5 Dr. Abdulrasheed Nasir, Nigeria</td>
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<td>P6 Dr. Jerry Godfrey Makama, Nigeria</td>
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<td>P15 Dr. George Baison, U.S.A.</td>
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<td>P18 Dr. Alison Culp, Canada</td>
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<tr>
<td>10:05 a.m.</td>
<td>Nutrition break and networking</td>
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<tr>
<td>10:30 am.</td>
<td>Paper Session 7:</td>
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<td>'Evidence-based surgery in low-resource settings'</td>
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<td>Presenters and discussants will describe and critique methods and results of clinical studies,</td>
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<td>aiming to improve the level of evidence supporting surgical practice in low and middle-income</td>
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<td>countries</td>
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<td>Moderator: Prof. Pankaj Jani, Secretary General, College of Surgeons of East, Central, and</td>
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<td>Southern Africa,</td>
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<td>11:15 a.m.</td>
<td>Questions and discussion.</td>
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<tr>
<td>12:00 p.m.</td>
<td>One-minute poster-teasers</td>
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<td>P2 Dr. J. C. Allen Ingabire, Rwanda</td>
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<td>P10 Ms. Elizabeth Lymburner, Canada</td>
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<td>P20 Dr. Ruth Damuse, Haiti</td>
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<td>P21 Dr. Gregg Knapp, Canada</td>
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<tr>
<td>12:15 pm.</td>
<td>Lunch and poster viewing</td>
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**Keynote Speaker:** Dr. Leland Albright, Pediatric Neurosurgeon, BethanyKids at Kijabe Hospital, Kenya

"Developing Pediatric Neurosurgery in a Developing Country."

Learning objectives:
1. Learn the sociological factors that required adjustment to develop pediatric neurosurgery
2. Learn the obstacles and successes in procuring supplies and equipment
3. Learn the obstacles and successes in educating neurosurgical residents and fellows
1:30 p.m.  **Think Tank: Building sustainability in Canadian Global Surgery**
What are the roles of NGOs and university departments in developing an organizational framework, strategies and priorities for funding of research and education in global surgery?

Moderator: Dr. Dan Deckelbaum, Co-Director, Centre for Global Surgery, McGill University Health Centre, Montreal

1:30 p.m.  **Dr. Patty Livingston**, Anesthesiologist, Canadian Anesthesiologist’s Society International Education Foundation - CASIEF: *Building institutional capacity*

1:45 p.m.  **Dr. Tarek Razek**, Board Chair, Surgeon (Canadian Network for International Surgery - CNIS): *How do we collaborate better in Canada?*

2:00 p.m.  Introduction of keynote speaker by Mrs. Julia Pemberton, PhD (c), Research Coordinator, McMaster Pediatric Surgery Research Collaborative.

Keynote Speaker: Erica Di Ruggiero, PhD (c) Associate Director, Institute of Population and Public Health, Canadian Institutes of Health Research (CIHR)

*“Global health research: Opportunities and Conundrums”*

**Learning Objectives:**
1. To interrogate some of the key drivers affecting global health and related research
2. To reflect on key competencies for global health research and practice
3. To highlight relevant initiatives for strengthening global health research and its application

2:45 p.m.  **Dr. Vic Neufeld**, Professor Emeritus, McMaster University Canadian Coalition for Global Health Research (CCGHR): *Resources and surgical research opportunities*
Introduction to small groups

3:00 p.m.  **Group 2 (Room 1A3):**
*Education in global surgery, anesthesia and obstetrics*  
(Facilitators: Dr. Bob Taylor, Dr. Dan Poenaru)

3:15 p.m.  **Group 1 (Room 1A1):**
*Global Surgery Research*  
(Facilitators: Dr. Dan Deckelbaum, Dr. Vic Neufeld)

3:15 p.m.  **Group 3 (Room 1A4):**
*Strengthening Canadian NGO Collaborations*  
(Facilitators: Dr. Tarek Razek, Dr. Gwen Hollaar)

3:15 p.m.  **Partnership action planning groups:**

3:30 p.m.  **Plenary panel discussion:** *Building sustainability in Canadian Global Surgery*

Moderators: Dr. Dan Deckelbaum and Dr. Vic Neufeld

4:15 p.m.  **Final summary by Conference Chair and information about the 2015 BRT**

4:45 p.m.  **Wrap-up**

The 2014 Bethune Round Table annual conference is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification program of The Royal College of Physicians and Surgeons of Canada and approved by McMaster University, Continuing Health Sciences Education Program for up to 20.5 MOC Section 1 credits. Through an agreement between the Royal College of Physicians and Surgeons of Canada and the American Medical Association, physicians may convert Royal College MOC credits to AMA PRA Category 1 Credits™. Information on the process to convert Royal College MOC credit to AMA credit can be found at www.ama-assn.org/go/internationalcme.

McMaster University, Continuing Health Sciences Education Program (CHSE) is fully accredited by the Committee on Accreditation of Continuing Medical Education (CACME) to provide CFPC Mainpro and RCPSC Maintenance of Certification (MOC) study credits for Continuing Medical Education.

Best wishes for another successful event!
Workshop 1. CNIS – Trauma Team Training (TTT) INSTRUCTOR COURSE

Venue/Time: McMaster Anatomy lab, 1st floor blue elevators  
Sunday June 8th, 2014. 8:00 a.m. – 4:00 p.m.

Coordinator: Dr. Karen Bailey, BSc, MD, MHM, FRCSC, Assistant Professor and Pediatric Trauma Program Director, McMaster Children’s Hospital

Faculty: Dr. Ron Lett, MD, MSc, FRCSC, FCS (ECSA); Dr. Tarek Razek, MD, FRCSC

Course Objective: “To teach surgeons, emergency physicians and other medical specialists how to teach personnel at the technical level to apply the principles of trauma management at centers with limited resources.”

Faculty: Dr. Ron Lett MD, MSc, FRCSC, FCS (ECSA), founder of the CNIS, completed his undergraduate and postgraduate surgical training at the University of Alberta and his Masters degree in injury epidemiology at McGill. In 1996 he co-founded the Injury Control Centre – Uganda, then organized the Injury Prevention Initiative for Africa, a 10-country network. Currently he is the International Director of CNIS, and an Adjunct Professor of Surgery at McGill University and the University of British Columbia.

Dr. Tarek Razek MD, FRCSC did his surgical training at McGill and the University of Pennsylvania. He is the Director of the Trauma Program at McGill University Health Centre, and has volunteered as a trauma surgeon for the International Red Cross in Haiti and Sudan. Dr. Razek was instrumental in developing the Trauma Team Training(TTT™) course, is the Chair of CNIS Board. He trains Emergency Response Unit teams for the Canadian Red Cross field hospital.

Workshop 2. REGIONAL BLOCKS FOR TRAUMA (Morning – 4hr)

Venue/Time: McMaster Anatomy lab, 1st floor blue elevators  
Sunday June 8th, 2014. 8:00 a.m. – 12:00 p.m.

Coordinator: Dr. Anne Wong, MD, PhD, FRCP, Assistant Dean, Program for Faculty Development, Associate Professor, McMaster Department of Anesthesia

Course objective: “Using landmarking and ultrasound, participants will learn methods for regional blocks for trauma and intraoperative and acute pain management for operative patients (ex. fascia iliaca, femoral, popliteal, axillary, TAP block, and ilioinguinal nerve blocks, shoulder, and intraarticular blocks).”

Faculty: Dr. Mauricio Forero, MD Assistant Professor, Anesthesia, McMaster University  
Department of Anesthesia/Chronic Pain Clinic  
Pain Management Specialist, St. Joseph’s Healthcare Hamilton

Dr. Harsha Shanthanna MBBS, MD, Assistant Professor, Anesthesiology and Pain Medicine, McMaster University; Pain Specialist, St. Joseph’s Hospital and Michael DeGroote School of Medicine

Workshop 3. GETTING STARTED IN HEALTH RESEARCH: DATA COLLECTION USING REDCAP SOFTWARE (Afternoon – 4hr)

The RedCap Workshop will be located in MUMC-2D8, the eLearning classroom inside the Computer Services Unit (CSU) office. CSU is on the second (main) floor of the McMaster Children’s Hospital in the purple section. From the main lobby of the hospital head towards the red elevators and turn right. Halfway down the hall will be the start of the purple section and CSU is located on the left hand side, across from the School of Nursing.

Venue: McMaster Computer Lab, Sunday June 8th, 2014. 1:00 p.m. – 5:00 p.m.

Faculty: Mrs. Julia Pemberton, MSc, PhD (c), Clinical Epidemiology Coordinator, McMaster Pediatric Surgery Research Collaborative

Course objectives: By the end of the workshop, participants will:
• Learn how to develop a research question
• Learn how to translate the components of a research question into relevant data collection fields
• Develop familiarity with the free REDCap database software interface
• Understand the different data collection functions available in REDCap including surveys, observational studies, systematic reviews, and clinical trials
• Gain hands on experience with creating a REDCap project and programming data collection fields
The generosity of our sponsors supported the travel of 15 abstract scholars from low-to-middle-income countries to participate in the 14th Bethune Round Table. A sincere thank you!

Major Contributors in kind:
- Canadian Network for International Surgery
- McMaster University
- Canadian Coalition for Global Health Research
- St. Joseph’s Health System International Outreach Program

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TRAVEL SCHOLARSHIP RECIPIENTS

Testimonials

Previous BRT travel scholars were asked:
How has your attendance at the Bethune Round Table conference impacted your career?

“It has given me personal experience and acknowledgment internationally which has helped me on developing my professional career.”

“I have met some incredible people in Canada, Africans and North Americans. I have been able to create some important links with their institutions, my medical school and COSECSA. Presenting to such an audience has helped me improve my presentation skills and confidence.”

“Attendance has made it possible to collaborate with colleagues from around the world to publish a pediatric surgical text that focuses on the needs and specific problems of LMICs.”

“My attendance at the BRT has improved my consciousness on safety in the practice of anesthesia. I also appreciate that safety does not necessarily have to be at a huge cost.”

“Knowledge of the broader role of surgery in strengthening health systems … broaden[ed] the horizon of my surgical practice to include significant involvement in advocacy, training, research, and health service management.”

“...the BRT is among the best venues to network and involve like-minded surgeons and to achieve this goal… to produce safe surgeons in Africa”

“Since the meeting I have successfully advocated for the inclusion of ‘Surgical Care’ in my country’s National Health Plan”

“The experience of others in similar situations has been invaluable. The medical simulation laboratory and telemedical education have given us many new ideas.”

“Attendance at Bethune Round Table has … encouraged me to be innovative and evidence-based in my practice [and] more interested in research and publication. I have gained useful ideas in teaching medical students and residents [and] have become more willing to accept responsibilities in my home institution, including my new position as head of surgery.”

TO SUPPORT FUTURE BRT Travel Scholarships, please make a tax-deductible donation to CNIS and earmark it for the ‘BRT CONFERENCE’.

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