

# DEPARTMENT OF ANESTHESIA NEWSLETTER

## KEY FEATURES:

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## UPCOMING EVENTS:

Lumbar Spine Ultrasound Workshop  
Saturday, November 24, 2012  
McMaster University

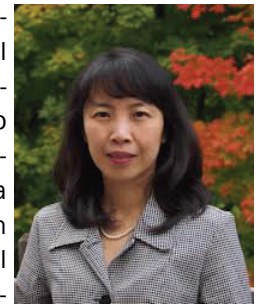
International Conference on Anesthesia and Perioperative Care  
November 26-28, 2012  
Hilton Hotel, San Antonio, TX

Anesthesia Residency Program CaRMS Interviews  
January 29 & 30, 2013.  
McMaster University

## Focus on Education

### MESSAGE FROM THE ASSOCIATE CHAIR OF EDUCATION, DR. ANNE WONG

Educational excellence has always characterised the Department of Anesthesia. Our Faculty members have long been recognized as integral contributors to the Michael G. DeGroot School of Medicine Undergraduate Medical Education Program. We initiated the first McMaster clerkship curriculum to use simulation-based learning. Likewise, a robust simulation curriculum is being incorporated into our postgraduate anesthesia training program. Our Faculty have been recognized for excellence in educational contributions at the university, national and international levels. We have recently expanded our website to detail educational activities (<http://fhs.mcmaster.ca/anesthesiaeducation/>). This newsletter provides a taste of the different activities in the department. We look forward to continuing to push the boundaries of educational excellence and scholarship through practise and innovation!



### FACULTY EDUCATIONAL RETREAT NOVEMBER 10, 2012

#### Educational Strategic Planning for the Department of Anesthesia

**Dr. Teal McAteer** (The DeGroot School of Business), a specialist in human resource management and career development was our invited guest speaker. She discussed "authentic leadership", described as a consistent match between thoughts, words, and behaviour. A central message is the need to develop insight into one's thinking styles in order to better understand how they affect communication, relationships, leadership behaviour and conflict management. To do this, the participants completed the "Life Styles Inventory" (LSI) which assesses responses according to 12 types of thinking styles, further aggregated under three categories. Participants gained a better understanding of their own thinking styles and those of others. Suggestions for modifying these thinking styles for more effective leadership were discussed.

**Dr. Anne Wong** presented overall educational activities and trends at the university and department level. She proposed a department educational vision/mission towards a frame-

work of teaching excellence and educational scholarship. Participants engaged in a lively discussion around these issues. Leadership development is seen to be relevant for all faculty, not just the "leaders" as it would improve capacity and effectiveness as educators. All agree that further educational retreats and faculty development are important for engaging faculty and for advancing the educational mission.



Department attendees at Educational Retreat with guest speaker, Dr. Teal McAteer.

## EDUCATIONAL RESEARCH ROUNDS PRESENTATIONS APRIL, 4, 2012

### DR. BRUNO BORGES: "SIMULATION-BASED ASSESSMENT FOR PEDIATRIC ANESTHESIOLOGY: A PROSPECTIVE, MULTICENTRE STUDY"



Dr. Borges, Assistant Professor, focused on the growing importance of simulation-based education for anesthesia at Educational Research Rounds in April. Simulation-based education provides the tools for teaching how to handle emergencies in the OR in a safe learning environment. Dr. Borges also presented the MEPA simulation study (Managing Emergencies in Pediatric Anesthesia). The "MEPA study" is an international multi-centre study (14 centres in UK and 9 in Canada are participating) that aims to determine if simulation checklists can differentiate between different levels of skill. The MEPA scenarios represent common emergencies in pediatric anesthesia. The scenarios are all run and debriefed in one single day. The scenarios are all peer-reviewed and evidence based. The study will take approximately a year to be completed, but the scenarios will remain part of the McMaster's residency simulation curriculum.



### DR. KURT DOMURACKI: "ENGINEERING EXCELLENCE IN ANESTHESIA EDUCATION"



Kurt Domuracki (PGY3 Resident) discussed how work hour reforms and increasing operating room production pressures have changed the educational dynamic and may be reducing educational opportunities for anesthesia residents. One way to address these educational changes is to focus on systematically applying evidence-based pedagogical methods outside the OR to prepare learners for clinical teaching. Several studies have shown that learning technologies such as e-learning, simulation, and intelligent reminder systems, rigorously applied, have demonstrated learning benefits. The appropriate use of learning technologies outside the OR setting may better prepare learners for the clinical exposure they are receiving and mitigate some of the potential negative effects of work hour and OR reforms. Kurt will be pursuing projects employing novel technologies to enhance procedural skill learning and retention longitudinally throughout residency and into independent practice.



### DR. KELLY DORE: "MEDICAL EDUCATION RESEARCH AT MCMASTER UNIVERSITY"



Dr. Kelly Dore, Assistant Professor, Program for Educational Research and Development (PERD) presented an overview of PERD's role in supporting educational research in the Faculty of Health Sciences and the new Master of Health Sciences program. She discussed the meaning of educational scholarship as well as provided examples of ongoing and future educational research projects.



## CONTEMPORARY ACUPUNCTURE NEWS

The Contemporary Medical Acupuncture Program, sponsored by the Department of Anesthesia, achieved full maturity this year with the organization of a very successful International Contemporary Acupuncture Symposium in Toronto from May 3-6. More than 250 health professionals attended the meeting, including participants from the US, Spain, Sweden, Argentina, England, Denmark, Puerto Rico, Brazil, Cuba and Japan. International presenters included some of the most respected practitioners in the area of pain management such as Jay Shah (USA), Thomas Lundeberg (Sweden), Mike Cummings (England), Juan Antonio Vecino (Spain), Claudio Couto (Brazil), Barbara Shay (Canada), Florian Pfabb (Germany), and our own "in house" representatives **Angelica Fargas-Babjak**, **Meena Nandagopal** and **Alejandro Elorriaga Claraco**. In addition, 11 instructors of the program made excellent presentations in the "Blue Print Treatment" sessions, showing that the success of the program has been a true team effort.



Drs. Alejandro Elorriaga & Juan Antonio Vecino

Dr. **Ada Hindle** PGY3 Resident (supervisor, **Dr. Anne Wong**) is currently exploring the use of web-based educational technologies for learning to manage airway emergencies. With the variability in clinical exposure to rare but serious airway problems, potential changes to resident call schedules and limited faculty resources, there exists a need for incorporating more flexible and innovative educational methods into the anesthesia residency training program. The purpose of this pilot project is to examine the utility and efficacy of web-based learning as an educational modality in the McMaster anesthesia residency program. Web-based learning modules will be created and pilot-tested for their user-friendliness and efficacy.

## RESIDENTS' CORNER

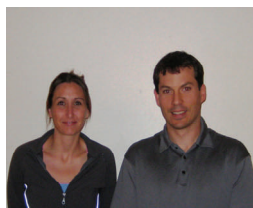


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## AWARDS AND ACKNOWLEDGEMENTS

Congratulations to PGY5 Residents, **Dr. Greg Kostandoff** and **Dr. Amanda Whippy**, for their 1st place poster presentation on "Predictors for Unanticipated Admissions following Ambulatory Surgery" at the 2012 CAS Annual Meeting.



Dr. Amanda Whippy and Dr. Greg Kostandoff. CAS 1st Place Poster Presenters.

Congratulations to **Dr. Edwin Ho** on being named 2012 SJH Best Anesthesia Resident.

## RESEARCH NEWS



**Dr. Saroo Sharma's** research interests are in the realm of inter-professional

education. Her work as a Masters student and Education Fellow at the Wilson Centre for Research in Education at the University of Toronto, focused on exploring perceptions held of the anesthetist, and the anesthetist's work, by other health professionals, and how these perceptions affected the safe and effective delivery of patient care. This exploratory work has informed an ongoing study on the design and implementation of contextually-sensitive, evidence-based inter-professional simulation interventions. The focus of these simulations is to provide interprofessional learn-

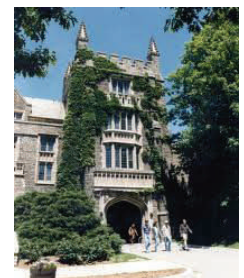
## Faculty Appointments

**Dr. Jason Busse** -to Assistant Professor  
**Dr. Yannick LeManach** to Assistant Professor  
**Dr. Harsha Shanthanna** to Assistant Professor

## Faculty Promotions

**Dr. Rob Whyte** to Associate Professor  
**Dr. Geoff Purdell-Lewis** to Clinical Professor  
**Dr. Manyat Nantha-Aree** to Associate Professor

-ing environments with an added dimension of fidelity, which Sharma and her colleagues have termed "sociological fidelity". Dr. Sharma's other areas of interest are the study of effective teaching in the operating room; the meaning of "competence" in the context of the anesthesia trainee and curriculum development.



**DEPARTMENT OF ANESTHESIA 40TH ANNIVERSARY  
NOVEMBER 17, 2012**

The Department of Anesthesia at McMaster University celebrated its 40<sup>th</sup> Anniversary at Liuna Station in Hamilton on November 17, 2012. One-hundred and seventy-three past and present faculty, alumni, residents and staff were treated to a wonderful evening of dinner, music and dance. Highlights included a beautiful piano and violin musical prelude by **Dr. Richelle Krusselbrink** (PGY5) and her sister Radine, a silent auction and a live band. The proceeds from the silent auction went to Lifebox; a not-for-profit international organization providing pulse oximeters to improve the safety and quality of surgical care in low-resource countries. Through generous bidding on a variety of auction items, a total of \$3293.00 was raised for this worthy organization. **Dr. Norm Buckley** opened the

evening by welcoming past Chairs of the Department, **Drs. Donald Catton, Ron Browne, David Morison and Homer Yang** who were all in attendance. **Dr. Joel Hamstra** provided a fascinating history of the Department of Anesthesia at McMaster University as well as anesthesia practices in Hamilton. **Dr. Emad Maximous** was presented with the first **Dr. George Bobawi Award** for Exemplary Educational Contribution in the Community. The evening's guest speaker was **Dr. Brian Goldman**, an ER Physician and host of CBC Radio's White Coat, Black Art, presented the interesting and provocative aspects of being both a physician and public media figure. Special thanks to **Drs. Joanna Rieber, Alena Skrinshkas, Michele Cappello, Mrs. Mary Gahagan** and **Dr. Liz Ling** for organizing the event and ensuring everyone had a wonderful time.

Snapshots at jasonlove.com



"Hey. When he wakes up, how 'bout I talk but you make the faces."

Our Anesthesia Education Website is now up and running! You can access it by our Department homepage <http://fhs.mcmaster.ca/anesthesia/>

Click on Anesthesia Education on the left hand panel to get to the site or you can get to it directly via <http://fhs.mcmaster.ca/anesthesiaeducation/index.html>

Over the next few months, we will continue to update and add to the Dept of Anesthesia webpage as a robust repository of information and communication to make sure you're "in the know"! Put us on your homepage and happy navigating!

**Interested in submitting an article for the Department's next newsletter— Focus on the History of Anesthesia?**

**Let us know!**

**DID WE MISS YOUR NEWS?**

**Contact Us**

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or

Sarah Richardson

[srichar@mcmaster.ca](mailto:srichar@mcmaster.ca)



Dr. Canton, Dr. Browne, Mrs. Catton, Dr. Buckley, Dr. Morison and Dr. Yang

Drs. Liz Ling, Cecilia DeGuzman, Justin Todd, Erik Griffioen and PGY3 Dr. Suzanne Lambert

Drs. Anne Wong, DeGraft-Johnson, Morison, McChesney, DeGuzman, Smedstad, Woo

Guest Speaker, Dr. Brian Goldman

Drs. Tal Shichor, Mike Parrish & Manyat Nantha-Aree

Dr. Geoffrey & Mrs. Purdell-Lewis

PGY4 Dr. Dave Carroll and PGY2 Dr. David Sussman

Dr. Greg Peachey & Dr. Gladys Peachey

Dr. Lori Olivieri, Dr. & Mrs. Joel Hamstra

Dr. Lehana Thabane & Research Co-ordinator Toni Tidy

Dr. Iwona Zieba, Dr. Emad Maximous, Winner of the 2012 Dr. George Bibawi Award, and Dr. George Bibawi