Dr. C. Barber Mueller died at age 97 after a brief illness on February 13, 2014. He and his late wife Jean had 2 sons and 2 daughters, 7 grandchildren and 5 great grandchildren. Dr. C. B. Mueller is the Father of Academic Surgery at McMaster University. He made an indelible contribution to the formation of the Faculty of Health Sciences at McMaster University and to Surgery internationally.

“Barb” was born in Illinois, studied at Blackburn College and later at the University of Illinois. He earned his MD on a Medical Scholarship at Washington University. After an internship in 1943 he became a Medical Officer assigned to the 4th US Marine Division in the Pacific Fleet during World War II. He participated in 4 D-Day landing assaults, including Saipan and Iwo Jima, was wounded twice, awarded the Bronze Star for Meritorious Service and rose to the rank of Lieutenant in the Navy.

He trained in General Surgery at the Barnes Hospital in St. Louis, Missouri, then completed fellowships in Biochemistry at Harvard Medical School and in General Surgery at Washington University. After 5 years of clinical practice he became Professor and Chair of the State University of New York, Syracuse, and subsequently was invited to be the Founding Chair of Surgery at McMaster University in 1967.

He was one of the Founding Medical Faculty at McMaster University who designed the Medical Curriculum that introduced Problem Based Learning to Medicine. Since there were no exams in this scenario, he developed a progress test to evaluate learning efficacy and is recognized as a superb educator. He established and chaired Ethics Committees at McMaster University, served on the McMaster Senate and various Presidential Committees. He later contributed to the formation of the History of Medicine Room at the McMaster Library.

Despite building a clinical General Surgical practice he authored 121 papers, 2 books and other writings. He was co-editor of the Canadian Journal of Surgery and on the Editorial Board of the Journal of Surgical Research.

He was a Markle Scholar and was awarded the Distinguished Service Award, from both the Association of Academic Surgeons and the American College of Surgeons. He received honorary doctorates from Blackburn College, the State University of New York and McMaster University. He is a Member of the McMaster Community of Distinction.

Continued on Page 6
I think we would all agree that we have had enough of winter, and look forward to the warmth of the spring.

In addition to this newsletter, you will have also received the pictorial report of the Alumni Homecoming Gala. The event was a large success and we are grateful to all of our supporters. In particular, we were thrilled to have Dr. Adrian Park deliver the keynote address. This inspiring speech has been reprinted, and is available to you on the Department website.

During the Gala, we also introduced the Department of Surgery, Surgical Education and Research Fund. Several members and alumni have made generous contributions to the fund. I, myself, was motivated to give to this fund. This allowed me to demonstrate in a concrete manner, the gratitude that I have for the many opportunities given to me over the years, by the University, the Faculty of Health Sciences and the Department of Surgery. There are many opportunities in this world that you can create for yourself, but many that are given to you because someone else believes in you, sees something in you that you may not even recognize in yourself. Those are the opportunities to be grateful for. Personally, I came to believe that I could no longer just feel grateful, that I needed to make my gratitude real. I found a donation to the Department’s fund immensely satisfying. I am excited to know that my contribution will enable the Department to recognize a spark that needs fanning, to help a resident or a faculty member in a way that wasn’t possible before. I encourage you to consider the Department of Surgery Education and Research fund, a most worthy cause indeed.

This newsletter will highlight the many achievements and accomplishments of our Department members. As a Department we continue to surpass our previous records with research funding and publications. Congratulations to our Associate Chair of Research, Dr. Mo Bhandari, who has been awarded the Order of Ontario. He continues to be an outstanding mentor and guide to our research programs.

Our training programs have been undergoing Internal reviews in order to prepare for the Royal College external reviews in 2015. A special thank you to all the Program Coordinators and the Program Directors, and Dr. Steve Kelly, the Associate Chair of Education, for the tremendous work and support that have gone into the preparation for the reviews and the daily ongoing tasks of running our training programs.

Our Department remains committed to the Undergraduate Medical Program. Under the direction of Dr. J. DeMaria, the Surgical Clerkship has undergone some significant changes resulting in very positive reviews. Dr. DeMaria continues to find ways to evolve the clerkship experience so that our students will have the maximal benefit from their surgical rotations.

Dr. Barb Mueller was an extraordinary person, who touched many lives in profound and positive ways, including mine. I hope to see you at his Celebration of Life on March 22nd. (please see page 6)

Please enjoy the newsletter. As promised in the last newsletter, please find attached the Organizational Charts for the Department for your reference and convenience.

Did We Miss Your News?

The deadline for the next newsletter is: April 30, 2014

All members of the Department are welcome to submit

Contact Us:

Ms. Julia Smerilli
(smerilj@mcmaster.ca)
905-573-7777 x 38260

Dr. Robert Hansebout
Alumni Corner
(hansebou@mcmaster.ca)
In Focus

Finance Corner

Mosaic Update

It's been over two months since McMaster's new finance and research post-award system launched. First we want to thank everyone in the department for their patience as the university works through delays relating to the new system. This is the largest administrative project the university has ever experienced and as with any change there are going to be some bumps along the way. As much of our financial administration is done centrally, we have tried to minimize the change that each faculty and staff member experiences as much as possible. With that said, some processes needed to change and as changes have affected each process differently, we are targeting communications and distributing via email as required.

For the university’s most up-to-date information regarding Mosaic, please visit:
http://dailynews.mcmaster.ca/

Financial Policies

Several financial policies have changed in conjunction with the introduction of Mosaic. If you are planning a purchase of greater than $10,000 please contact us as early as possible (even when budgeting for your grant) so we can advise you of the process required. The university has also decided to use Canada Revenue Agency’s automobile allowance, so the new rate for your reimbursement is $0.54 per kilometer.

To see all financial policies please visit:
http://www.mcmaster.ca/bms/
BMS_Policies_Procedures.htm

Marcy Willis

Fellow & Resident Corner

Residents’ Research Days Winners 2013

Plastic Surgery

Dr Alexandra Nelson (PGY-5)
Best Clinical Science Presentation
A Sub Analysis of Pediatric Outpatient Burn Care

Dr Hana Farhang (PGY-4)
Best Basic Science Presentation
Evaluation of Ki-67 as a Histological Index of Burn Damage in a Swine Model

Dr Sophocles Voineskos (PGY-3)
Best Clinical Epidemiology Presentation
Plastic Surgical Randomized Controlled Trials: Challenges and Opportunities for Evidence Based Plastic Surgery, A Systematic Review

Urology

1st Dr Piotr Zareba (PGY-5)
Incidence and Clinical Implications of Thromboembolic Events in Patients with Urothelial Carcinoma Undergoing Cisplatin-Based Neoadjuvant Chemotherapy

2nd Dr Christopher Morris (PGY-3)
Towards Development and Validation of an Intraoperative Objective Assessment Tool for Trainee Evaluation of Robot-assisted Laparoscopic Radical Prostatectomy; Results of a Delphi Study to Create an Inventory of Procedural Steps

3rd Dr Soojin Kim (PGY-2)
Prospective Analysis on the Diagnostic Performance of Measurements of the Normally Descended Gonad in Predicting Monorchidism in Boys with Unilateral Non-palpable Testis

General Surgery

1st Dr Tim Rice (PGY-4)
A Randomized, Double-Blind, Placebo-Controlled Pilot Trial on the Efficacy of Early Enoxaparin: The Optimal Timing of Thromboprophylaxis in Traumatic Intracranial Haemorrhage Study

2nd Dr Paige Churchill (PGY-4)
A Nurse-Guided Rapid Assessment Program and Its Effect on Wait Times for Colorectal Cancer Surgery

3rd Dr Kathryn Howe (PGY-3)
Transforming Growth Factor-Beta Ameliorates Intestinal Epithelial Barrier Dysfunction in a Cell Culture Model of Hypoxia-Reoxygenation
Fellow & Resident Corner

**Otolaryngology**

1st Dr Julie Strychowsky (PGY-5)
Unilateral Vocal Cord Paralysis after Congenital Cardiothoracic Surgery: A Systematic Review and Meta-Analysis

2nd Dr Jay Ramakrishna (PGY-3)
Randomized Trial Investigating the Safety of Morphine and Ibuprofen in Young Children after Tonsillectomy for Obstructive Sleep Apnea

**Neurosciences**

1st Dr Kuan Ng (Neurology CF)
Apixaban vs. Aspirin for Stroke Prevention in Patients With Atrial Fibrillation > 75 Years Old: An Analysis from the AVERROES Trial

2nd Dr Saleh Almenawer (NS PGY-6)
Chronic Subdural Hematoma Management: A Systematic Review and Meta-analysis of 34829 Patients

3rd Drs Robyn Whitney and Oksana Shlapak (Paeds Neurology)
Validation of a Screening Migraine Questionnaire in the Pediatric Population: A Pilot Study

Rookie Award: Mr Adrian Budhram (MD2014)
Post-Anoxic Myoclonus: 50 Years Later, What More Do We Know?

**Vascular - McMaster/ Western**

Best Overall Presentation:
**Dr Joel Cooper (Western)** Canadian Vascular Surgery Residents’ Perceptions Regarding Future Job Opportunities

Best McMaster Presentation:
**Mr Fadi Elias (MD2014)**
Clinical Outcomes Post Endovascular Treatment of Infrapopliteal Arterial Occlusive Disease: Meta Analysis and Systematic Review

Best Western Presentation: **Dr Kevin Lee**
Graft Specific Conformity and Aortoiliac Tortuosity in Endovascular Abdominal Aortic Aneurysm Repair

**PAIRO Excellence in Teaching**

For Senior Residents

Congratulations to Piotr Zareba (Urology Resident) for being nominated for the PAIRO Excellence in Teaching Award for Senior Residents.

**STEP Sessions**

March 26, 2014 (6-9pm)

LOCATION: McMaster Innovation Park

For Further Information

Phone: 905-525-9140, ext. 22954
E-mail: dicroce@mcmaster.ca

**Admin Corner**

**Support Staff Luncheon**

Thank you to all Department Staff who attended the Support Staff Luncheon on Friday February 7th 2014, which was held at Liuna Station on James Street. Dr. Reid acknowledged and thanked all of our employees for their contributions to the success of the Department over the past year. A special thank you to Ms. Brenda Paine who organized the successful event.

**New Staff**

Welcome to the following Department of Surgery new staff members:

Karen DeBreau: Program Coordinator for the divisions of Plastic Surgery & Otolaryngology.

Jessica Kiryakos: Program Coordinator for the divisions of Cardiac & Vascular Surgery.

Sarah Hopmans: Research Assistant (Dr. Pinthus)

Sujeivan Mahendram: Research Assistant (Dr. Sheila Singh)

Sahira Husain: Research Assistant (Dr. Sabri)

Dr. Neha Gard: Post Doctoral Fellow (Dr. Sheila Singh)

Luis Henriquez: Research Assistant (Dr. Sabri)

Sharon Spoja: Medical Secretary (Dr. P. Serrano)

Kimberly Truszkowski: File Clerk (Dr. Shargall)

Amer Oberg: Jr. Medical Secretary (Dr. Amin)

Jayden Ong: Research Assistant (Dr. Gupta)

Silvia Li: Research Assistant (Dr. Bhandari)

Saad Shakeel: Research Assistant (Dr. Finley)
Dr. Gordon Cameron, MD BSc(Med) FRCS (C) FACS FAAP, now Professor Emeritus, was born in the Saskatchewan dustbowl but spent his formative years in Toronto. After wartime service in the RCAF and RN FAA he was granted FRCS(C) in General Surgery in 1957. He took additional training at the Hospital for Sick Children in Toronto and Great Ormond Street Hospital in the UK. Pediatric Surgery was not a defined specialty, but he believed it would be and was determined to be part of that realization.

He had been attracted to Hamilton due to the number of births (>6,000!), the prospect of a future Medical School and Children’s Hospital. In 1958 he established a private surgical practice in Hamilton limited to infants and children with Active Staff privileges at all the area hospitals. He was warmly welcomed and helped by the community and the Pediatric, Surgical and Anesthesia establishment. Referrals of babies and children by general practitioners and pediatricians gradually increased from Hamilton, Brantford, the Niagara Peninsula and immediately surrounding towns. The cases referred also became more complex.

His interests most closely related to those of Pediatricians, as there were then no other surgical specialists limiting their practices to infants and children. Dr. Angus MacMillan and Dr. William Wilson provided strong leadership in continuing improvement of pediatric care. Some anesthetists were interested in dealing with infants and children, most notably Dr. Frank Ruston. Dr. Cameron established a friendly liaison with the surgical staff at the Hospital for Sick Children and referred a few of the more complex cases there. His overall results compared favorably with theirs. In 1978, Dr. George Lau joined him and they collaborated closely for over twenty years.

In the early days they provided clinical pediatric surgical experience to interns, a "chief surgical resident" at the Hamilton General Hospital, and for students on "summer internships" at St. Joseph’s Hospital. He became very involved with the Hamilton Academy of Medicine (President in 1969) as it strongly supported the new Medical School. As Chief of Staff at St. Joseph’s Hospital he helped negotiate agreements related to Medical Staff appointments with McMaster University. In 1972 he joined the Full Time Faculty, participating in the undergraduate and resident training programs in both Pediatrics and Surgery.

Recognition of Pediatric Surgery as a specialty developed nationally and internationally. He is a charter member of both the Canadian Association of Paediatric Surgeons and the American Pediatric Surgery Association.

Other surgical subspecialists who limited their practice to infants and children included Dr. George Lau, (Pediatric Surgery), Dr. Jorge De-Maria (Urology), Dr. Robert Martin (Orthopedics) and Dr. Robert Hollenberg (Neurosurgery). Chair of Surgery Dr. Robert Hansebout strongly supported recruitment of Pediatric Surgical Subspecialists including Dr. Brian Cameron, Dr. Peter Fitzgerald, and Dr. Mark Walton.

In the 1960’s through 1980’s most primary care physicians were heavily involved in assisting with hospital care of their patients. When a Hamilton Hospital Council report recommended that full tertiary pediatric care could only be achieved by concentrating the patient load at McMaster University Medical Centre, other hospitals and their staffs were mostly opposed. Only with the achievement of a critical mass of tertiary level specialists and facilities was the official "McMaster Children's Hospital" status achieved in 1988, a year before his retirement. Dr. Cameron felt that Dr. Angus MacMillan and Dr. Peter Dent deserve full credit for achieving that goal.

Since then the growth of the McMaster Children’s Hospital and its multidisciplinary Surgical Staff and highly specialized consultants in every field, has been gratifying for Gordon. It now has a growing reputation for providing outstanding patient care, education and research.

Dr. Cameron somehow enticed his son Brian to follow not only in his footsteps but also it appears, to wear the traditional pediatric bow tie, which is said to be more practical than a dangling designer tie when leaning over a baby with a dirty diaper!

Dr. Robert Hansebout
Dr. C. Barber Mueller - Continued

I met “Barb” in 1968 on an interview, shortly after he came to Hamilton. Years later I was privileged to have him as a valuable mentor when I was Chair of Surgery. I had lunch, and the usual “glass of wine” with him last October when at age 96, his memory and mentation remained remarkable. He had recently written the book Excaliber. He considered himself “an Educator by Profession and a Surgeon by Trade” but was also a true leader. I will miss his friendship and stories. His career and contributions have been truly outstanding. His passing is a loss to the history of Academic Medicine at McMaster University.

Dr. Robert Hansebout

A Toast to the Late Dr. C. Barber Mueller: March 22nd 2014

Recent Passings

VIVIANI, Guillermo "Bill" Passed away peacefully at Carpenter Hospice, Burlington on Wednesday, November 13, 2013 at the age of 78, with his beloved wife Karen of 30 years by his side. Dear father of Cristina, Claudia (Pete), Andrea (Les), Lindy (Gord), and Alexandra (Mike). Proud Tata to Skye, Lake, Poppy, Brady, Sofie, Madelyn, Zachary, Trevor, and Myles. Survived by his brother Sebastian (Rosita) and his sisters Ingrid and Maria Teresa. Predeceased by his brother Carlos. Godfather to Paulina. Guillermo "Bill" was known and respected for his passionate work as an Orthopedic Surgeon specializing in pediatrics at McMaster Hospital. Cremation has taken place. Visitation will be held at KITCHING, STEEPE & LUDWIG FUNERAL HOME, 146 Mill St. N., Waterdown on Friday, November 15, 2013 from 5-8 p.m. The family would like to thank the staff at Carpenter Hospice; Dr. Kouroukis and his nurse Karen; the staff of oncology day services at Juravinski; Dr. Trudell at Princess Margaret Hospital; and many others for their compassion and support. Special thank you to Guillermo's friend and physician Dr. John Smart. If desired, donations to the Carpenter Hospice or Juravinski Cancer Centre would be appreciated as expressions of sympathy. Please sign the Book of Condolence at www.kitchingsteepeandludwig.com.

MUELLER, Dr. C. Barber Educator and surgeon, died February 13, 2014, after a brief illness. He is survived by his children, John (Celeste), Ann (David), Richard and William, seven grandchildren and five great-grandchildren. He was the founding Chairman of the Department of Surgery at McMaster Medical Centre, and was always devoted to the cause of medical education. Before coming to Hamilton, he attended Blackburn College, graduated from the University of Illinois and received his medical education at Washington University in St. Louis, Missouri. He was a decorated veteran of World War II serving in the South Pacific. He was in the first class of Markle Scholars, a Distinguished Fellow of the American College of Surgeons and Chairman of Surgery at the Upstate Medical Center in Syracuse, New York. His family and many friends will miss the stories, the latest interests, and the convivial evenings over wine or a campfire. A celebration of Barb's life will be held at McMaster University in the near future. Memorial donations may be sent to the Health Sciences Library at McMaster University. On-line condolences may be made at: www.marlattfhdundas.com.
Celebrating the Surgeon Scientist Program

Each year, the Surgeon Scientist Program/SSP (under the direction of Dr. Sheila Singh, Associate Professor, Department of Surgery) holds an event to celebrate the achievements of its participant residents, as well as the contributions of associated faculty. On February 13, 2014 the group gathered in The Observatory at Spencer’s-at-the-Waterfront, Burlington for an evening that included dinner and a number of presentations. Dr. Singh outlined the accomplishments of all past and present SSP residents (listed below) and thanked those faculty who so generously give of their time as research advisors/mentors, supervisors and committee members, speakers at SSP lectures, etc. She also thanked Kathy Wilson for her excellent administrative support for the SSP. Drs. Nathan Evaniew and Natasha Cohen (current SSP representatives to the Clinician Investigator Program) spoke on their experience in the SSP, and described the excellent collaborative support and expertise provided by CIP Director, Dr. Clive Kearon, who has championed the SSP since its inception in 2009. In addition, Drs. Mohit Bhandari (Professor and Associate Chair, Research, Department of Surgery) and Stephen Kelly (Associate Professor and Associate Chair, Education, Department of Surgery) offered high praise for the many remarkable achievements of the SSP residents, thanked Dr. Singh for her ongoing commitment in building what has become a very successful program at McMaster, and stressed the integral role the SSP has played in setting a very high standard for resident research across the Department. Dr. Singh was later presented with a picture frame by the SSP residents in appreciation of her continued assistance and support. Also attending the event were Dr. James Bain (Professor and Academic Division Head, Division of Plastic Surgery and former Associate Chair, Research) and Dr. Luis Braga (Associate Professor and Research Director, Division of Urology and Director, McMaster Pediatric Surgery Research Collaborative).

SSP Residents:

**2014 Cohort**
Dr. Mike Livingston (University of Western Ontario)

**2013 Cohort**
Dr. Harman Chaudhry, Orthopaedic Surgery
Dr. Nathan Evaniew, Orthopaedic Surgery
Dr. Iqbal Jaffer, Cardiac Surgery
Dr. Raman Mundi, Orthopaedic Surgery

**2012 Cohort**
Dr. Kevin Chan, Orthopaedic Surgery
Dr. Natasha Cohen, Otolaryngology, Head & Neck Surgery
Dr. Chris Coroneos, Plastic Surgery

**2011 Cohort**
Dr. Daniel Hoppe, Orthopaedic Surgery
Dr. CJ Foote, Orthopaedic Surgery
Dr. Deven Reddy, Neurosurgery
Dr. Sophocles Voinakes, Plastic Surgery
**AWARDS & ACHIEVEMENTS**

**Dr. Nasimul Huq** recently opened the “Huq Family Branch Library” in St. Catharines. The full story can be found in NiagaraThisWeek.com, “Huq Library”.

**Dr. Nasimul Huq** appointed as Chair of Finance and Resources for the World Health Organization, Global Initiative for Emergency and Essential Surgical Care.

**Dr. Sheila Singh’s** brain tumour research was featured by the Canadian Cancer Society for the Society’s Top Research Stories of 2013 and their 2013 Research Impact Report.

**Dr. Sheila Singh** shares McMaster University’s Stem Cell & Cancer Research Institute’s brain tumour research in the article, “Tackling Tumours” published in the International Innovation: Healthcare, October 2013.

**Dr. John Sadler’s** travels to the Philippines to aid in relief efforts was featured in the Hamilton Spectator, “Hamilton MD headed to Philippines to help with relief efforts”.

**Dr. Mohit Bhandari’s** international study on domestic violence was featured in the Hamilton Spectator, “The bones tell the story: More evidence of abuse”.

**Dr. Mohit Bhandari** received Ontario’s highest honour, The Order of Ontario, on Thursday January 23rd 2014.

**Dr. Mehran Anvari** reappointed as the Chair in Minimally Invasive Surgery and Surgical Innovation (July 1st 2014 - June 30th 2019).

**Dr. Michelle Ghert** has been named one of the top Clinical Orthopaedics and Related Research (CORR) Reviewers for 2013.

**Dr. Dan Poenaru,** was chosen as the 2014 Teasdale-Corti Humanitarian Award recipient, on behalf of the Royal College of Physicians and Surgeons of Canada.

**GRANTS & FUNDING**

**Dr. Andre Lamy** received a HAHSO Innovation grant for research entitled, “Further Observation for chronic pain and poor functional recovery Risk Factor Examination at two SITES: A study in partnership with the Vascular events in Surgery patients cohort evaluation - Cardiac Surgery (Vision Cardiac Surgery) (FORESITE VISION).

**Dr. Peter Lovrics** and **Dr. Nicole Hodgson** received a JCC Foundation grant as Coinvestigators in research entitled, “Feasibility Study of the Role of Stereotactic Body Radiotherapy for the Treatment of Early Stage Breast Cancer”.

**Dr. Mohit Bhandari** has received a CIHR Sept13 Operating Grant for study, “The International Orthopaedic Multicentre in Fracture Care (INORMUS).”

**Dr. Mohit Bhandari** and **Dr. Olumfemi Ayeni** received PSI grant as co-investigators in study, “Impact of Platelet Rich Plasma Over Alternative Therapies in Patients with Lateral Epicondylitis (IMPROVE): A Multicenter, Randomized Trial Comparing Autologous Platelet Rich Plasma (PRP) versus Autologous Whole Blood versus Dry Needle Tendon Fenstration on Pain and Quality of Life in Patients with Lateral Epicondylitis

**PUBLICATIONS**

**Dr. Nasimul Huq** published “Local Anesthetics for Plastic Surgery”, a text in the Clinics in Plastic Surgery series by Elsevier.


IN FOCUS

PUBLICATIONS


**PUBLICATIONS**


Hussain N, Sprague S, Madden K, Hussain FN, Pindiprolu B, Bhandari M. A comparison of the types of screening tool administration methods used for the detection of intimate partner violence: A systematic review and meta-analysis. Trauma Violence Abuse. 2013 Dec 15. [Epub ahead of print]


**PUBLICATIONS**


A Special Thank you to those who have contributed to the Surgical Education Fund!

Faculty Promotions & Reappointments
Effective July 1, 2014

To Full Professor:
• Dr. Deepak Dath

To Associate Professor:
• Dr. Nalin Amin
• Dr. Jason Archibald
• Dr. Victora Avram
• Dr. Femi Ayeni
• Dr. Varun Chaudhary
• Dr. Amadeo Rodriguez

CAWAR:
• Dr. Yaron Shargall

Three-Year Reappointments:
• Dr. Aleksa Cenic
• Dr. Matthew Choi
• Dr. Adel Dyub
• Dr. Colin Schieman
• Dr. Enitan Sogbesan

Part-Time Promotions for July 1, 2014
• Dr. Doron Sommer – to Clinical Professor
• Dr. Forough Farrokhyar – to Professor (Part-Time)

Department of Surgery
Surgical Education Fund

Department of Surgery’s Surgical Education Fund will ensure our trainees and faculty receive ongoing support for the resources related to Surgical Skills Education and Research. It will ensure our trainees will benefit from the best teachers and tools in the Department of Surgery!