



DIVISION OF PLASTIC &
RECONSTRUCTIVE SURGERY


PLASTIC SURGERY NEWS

ISSUE 13, MAY 2014



UNIVERSITY OF
TORONTO

Division of Plastic and Reconstructive Surgery
Department of Surgery, Faculty of Medicine
University of Toronto

A blue-tinted photograph of two surgeons in an operating room. They are wearing surgical masks, caps, and gloves, and are focused on a procedure. The image is overlaid with a white text box containing a quote.

“Our division has expertise in the entire breadth and depth of Plastic and Reconstructive Surgery. Our program and its members are recognized across the globe and we attract a large number of medical observers who travel to visit and see firsthand the innovative techniques developed here.”



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VISION

International leader in plastic surgery research, education and clinical practice.

MISSION

We prepare future plastic surgery leaders, contribute to our communities and improve the health of individuals and populations through the discovery, application and communication of knowledge.

VALUES

- Innovation;
- The drive to excel;
- Collaboration;
- Respect for the individuals who are our patients, colleagues, stakeholders; and,
- Honesty, openness, transparency.



CANADIAN BURN ASSOCIATION

1st Annual Canadian Burn Symposium

MAY 26-27, 2014 | WESTIN HARBOUR CASTLE, TORONTO

We are pleased to welcome you to attend the 1st Annual Canadian Burn Symposium being held on May 26-27, 2014 in Toronto, Ontario. Focussing on educating plastic and trauma surgeons, as well as allied health and dermatologists who specialize in burn wounds. With your sponsorship and our multi-disciplinary team, we hope that this meeting will be a vital corner stone in the future of Canadian burn care.

Highlights of the program include updates in all aspects of clinical care and education research.

We hope you will join us for this unique two-day educational program and encourage you to reach out to us, as exhibitor space is limited and priority is given to those that commit early.

We are looking forward to partner with you on this ground-breaking meeting.

<http://www.cpd.utoronto.ca/cdnburnsymposium/prospectus/>

**DR. CHRISTOPHER R. FORREST**

Chair

Division of Plastic and Reconstructive Surgery

Welcome to the new edition of the Division of Plastic and Reconstructive Surgery Newsletter. It has been a fantastic year for the Division of Plastic and Reconstructive Surgery at the University of Toronto and it is hard to believe that July will mark the completion of my first year as the Chair. While I will not repeat the exploits and adventures of the division members, residents and fellows that I try and detail in my emails, I would like to recognize the amazing talent and skill that exists within our division. On rare occasions, I think back to being a medical student, on the outside and looking in, hoping one day to become a plastic surgeon and being in awe of the people I was privileged to work with. It really is no different today (well, maybe the amount of paperwork and admin stuff has increased a bit.) We have a pretty amazing profession and a phenomenal group of people!

A close friend gave me a book for last Christmas that was based on “The Three Questions” by Leo Tolstoy, one of Russia’s greatest novelists, moral philosopher and social reformer. The book was a children’s story written and illustrated by Jon J. Muth, a noted children’s author who adopted Tolstoy’s story about a Tsar looking for answers to three questions to something more familiar, his own family. It is a delightful read and the illustrations are sublime. The three questions that the central



character Nikolai asks are “What is the best time to do things?” followed by “Who is the most important one?” and finally “What is the right thing to do?”. The book details the various perspectives of the characters that Nikolai asks these questions of but it leaves him unsatisfied and confused. Life has a way of making things clear and in the story, Nikolai is forced to perform some unexpected and heroic acts that allow him some clarity in discovering the answers to his questions. What resonated with me was how the answers related to day-to-day life, my interactions with my patients and my colleagues.

“Remember then that there is only one important time, and that time is now. The most important one is always the one you are with. And the most important thing is to do good for the one standing at your side. This is why we are here.”

Pretty zen, huh, but it doesn't hurt to think about these concepts in the crazy hustle-bustle of our daily lives. Enjoy the latest edition of the newsletter everyone!



DR. JOEL FISH
Research Director

My Reward in no award !

The highlight of our resident research program as it relates to the surgical scientist program is always the work of our residents who manage to create, innovate and struggle with using the scientific method to answer questions of clinical importance and add to the existing knowledge of our specialty.

Medical research struggles to measure itself by inventing impact factors, indexes, citations, awards and medals that are poor surrogates when one considers the real meaning of research productivity. This year we are pleased to have Dr. Mike Hendry completing his master's thesis under the supervision of Dr. Greg Borschel and Dr. Tessa Gordon. His thesis defense was a clear demonstration of what it means to achieve expert status in an area with comments from the external reviewer suggesting the work was in the realm of PhD material. What a complement to Mike and the team in the laboratory. His achievement is not surprising under the mentorship of Dr. Borschel who thinks outside the box and always considers that his work will one day possibly change the way we look at peripheral nerve regeneration. It is not the awards at Gallie Day which make us proud of Dr. Hendry but the thesis demonstrates how Mike has consolidated his thinking to clearly design experiments that have led to future studies. Hard to measure this success.

Dr. Joseph Catapano is also working in Greg Borschel's laboratory. We are so fortunate to have two of our surgical scientist trainees working together as this has not happened for many years. In fact the research years can at times be quite isolating from the division of Plastic Surgery and having our trainees together combats this. He is investigating retrograde death of motor and sensory neurons following neonatal peripheral nerve injury. Joseph's work focuses on repurposing N-acetyl cysteine and acetyl-L-carnitine as neuroprotective pharmaceuticals following nerve injury. We look forward to seeing where this work leads. I am aware that Joseph

spends considerable time helping other students and is capable of logically thinking scientifically about his work which is a skill that can have profound consequences beyond awards.

This year Dr. Katie Armstrong has been busy at work on her thesis, "Replacing ambulatory surgical follow-up with mobile home monitoring: is it cost-effective". She is becoming an expert in Health Economics. In March 2014, her group received the exciting news that the CIHR e-Health catalyst grant (\$39,903) would help fund the prospective portion of their study. It is notable that a plastic surgery trainee brings a fresh mind to this discipline and I would not be surprised to find out that Dr. Armstrong's future career will involve playing a role in the delivery of health care to our specialty. The real impact of learning these skills as a plastic surgery trainee cannot be measured.

Recently Dr. Jennica Platt was successful in finding a Pilot for a Randomized Control Trial related to breast reconstruction from the PSI foundation. The grant is testament to the fact that Jennica, under the mentorship of Dr. Toni Zhong, continues the excellent work she accomplished while in the SSP program which is a real sign of excellence and points to the fact that the SSP training Jennica received has allowed for continued excellence that can and will have an impact on breast reconstruction for Ontarians. I know of nothing nicer as it relates to research.

Yes it is exciting to see our surgical scientist trainees receive grants and recognition for the work but the real intangible success of teaching your mind to solve problems by thinking deeply and longitudinally about an issue are just as important a skill as raising the flap in the correct anatomic plane. It is for this reason alone that I have enjoyed the past number of years as the research director in our Division with my main goal of coaching the surgical scientist trainees to hopefully land in a good spot. I have enjoyed seeing how this aspect of our training program adds to the collective benefit of our specialty.

It is for this reason I choose not to account for my time as the director of research for our division in terms of the number of students, completion and publication rates, awards at national and international forums. I 'know' that all the students I have interacted with have 'learned to learn' at a very high level (under the guidance of very talented individuals), and should they choose in the future to use this skill, they have the ability to do so. That thought alone, is my reward!

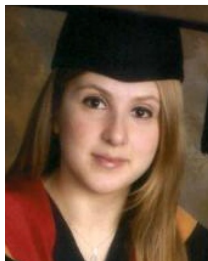


DR. MITCH BROWN
Program Director

As the academic year begins to wind down, we get ready to see our final year residents move on and we plan to welcome new residents to the program. It seems that each year, the task of selecting our PGY1s becomes more difficult.

Our selection committee reviewed over 50 applications and from that list, we invited 20 candidates to Toronto for an interview. The varied successes of the applicants become more outstanding each year. I would like to thank the selection committee including several of our own residents, for their hard work and commitment during the CARMS selection process.

In the end, we had an extremely successful match and we look forward to welcoming the following four students to the Toronto Training Program:



Stephanie Dreckmann
University of Toronto



Miliana Vojvodic
University of Toronto



Hélène Retrouvey
McGill University



Mélissa Roy
McGill University

At our graduation event in June, we will have an opportunity to honor and say goodbye to our graduating residents. We wish them well as they embark on their surgical careers and invite them to stay connected and involved with the university. Each of them have exciting opportunities planned for next year:

**Heather Baltzer**

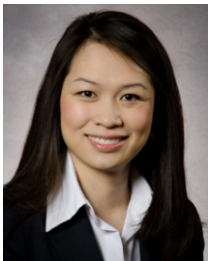
Dr. Heather Baltzer will begin a 12 month Hand Surgery fellowship position at the Mayo Clinic, Rochester, Minnesota

**Matthew McRae**

Dr. Matthew McRae will begin a 12 month Hand and Microsurgical fellowship position at The Buncke Clinic, California Pacific Medical Center

**Mathew Plant**

Dr. Mathew Plant will be proceeding directly to independent clinical practice

**Olivia Ho**

Dr. Olivia Ho will begin a 12 month Breast Reconstruction Microsurgery Fellowship at Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, Massachusetts

**Sheikhan Al-Hashmi**

Dr. Sheikhan Al-Hashmi will begin a 6 month Aesthetic fellowship followed by 6 month Pediatric fellowship at the University of Toronto

In July, our new PGY1s will complete the Department of Surgery “Prep Camp”. In its second year, this course introduces new residents to the field of surgery and allows the residents an opportunity to learn common, basic surgical skills in a non clinical setting. Following the two weeks of core material, our division will offer two specialized weeks allowing the PGY1s exposure to bone fixation, tendon repair, management of common hand injuries, casting and splinting techniques as well as surgical exposure of the craniofacial skeleton. The Prep Camp provides for a structured transition from medical student to surgical resident and allows the residents a chance to “get their feet wet” prior to joining a clinical service.

At the Royal College’s direction, programs are being asked to direct their focus towards competency based education. Training programs have always intended to train residents to be competent, however our assessment of competence has generally been subjective and narrowly focused. This year, our division will introduce a competency based assessment plan which will incorporate a series of objective measures covering all

of the CanMEDS competencies. Residents will undergo testing regularly and will be expected to meet objective measures temporally throughout the program. Less emphasis will be placed on a single summative assessment at the end of training.

There are many faculty that contribute significantly to our academic curriculum. I believe that the quality of education received by our residents is excellent and I want to thank the faculty for their time and efforts in delivering this curriculum. Special thanks go to Kyle Wanzel for his coordination of Plastic Surgery School, the seminar series and prep camp, as well as Paul Binhammer who organizes the division surgical skills curriculum. These are both huge responsibilities and the feedback from the residents continues to be outstanding.

After a painfully cold and miserable winter, the grass on the golf course is now visible and it is time to break out the clubs. I wish everyone an enjoyable summer filled with lots of rest and relaxation. Speak to you in the fall!



DR. TONI ZHONG
Fellowship Director

The Division of Plastic and Reconstructive has had another extremely successful year in training a total of 22 international fellows from North America, South America, Europe, Asia, and New Zealand. We are proud and delighted that our fellows will be able to bring back home the knowledge, skills, and hopefully some “pearls” that they have learned from the staff at UofT. In addition, we have formed a new Divisional Fellowship Subcommittee that was comprised of Drs. Forrest, McCabe and myself to address some important fellowship policy issues. The subcommittee has generated an important set of Guidelines for Fellow-Resident Interactions that have been made available to all the individual fellowship directors. We hope that these measures will ensure that while our fellowship program continues to thrive, the presence of the fellows will make a positive and meaningful impact on the educational experiences of our resident in training.

WEBSITE UPDATE



KATHY PAVLOVIC
Program Administrator
www.uoftplasticsurgery.ca

The Division of Plastic and Reconstructive Surgery is proud to launch a newly re-branded and reconstructed website! A more current, seamless, modern look with ease of use and more streamlined features. Coming soon!

If you're active on Facebook, consider following us in one of two ways – a closed group accessible to Division members for private updates, and a public page with the general divisional updates.

If you wish to join the private Facebook group, please contact Kathy Pavlovic directly at plastics.admin@utoronto.ca

To like and follow the public page, visit <https://www.facebook.com/pages/U-of-T-Division-of-Plastic-Reconstructive-Surgery/297899890320524>



STEPHANIE DRECKMANN

Stephanie grew up in Richmond Hill, Ontario and obtained a Bachelor's degree in Health Sciences from McMaster University. She completed her undergraduate medical education at the University of Toronto and is looking forward to completing residency there as well. Throughout her post-secondary education, she has developed interests in various areas of medicine, including global health and health policy. Outside of medicine, she enjoys fencing, dance, music, and spending time with family and friends. She feels excited and privileged to join the group of plastic surgery residents at the University of Toronto.



H EL ENE RETROUVEY

H el ene was born in Gatineau and grew up in Montreal. She completed a bachelor of Science at McGill University, majoring in Anatomy and Cell Biology. She continued on to McGill for medical school where she geared her extra-curricular interests towards global health. During the past years, she has worked to develop local and international projects so as to increase student participation in global health initiatives. She enjoys playing volleyball, soccer and has recently discovered rock climbing where she is still working on her fear of heights. Her personal interests include French cooking, scuba diving and travelling to discover new cultures.

H el ene is eager to join the Division of Plastic and Reconstructive Surgery at the University of Toronto to complete her plastic surgery residency.



MÉLISSA ROY

Mélissa was born and raised in Quebec City where she studied in francophone institutions before completing her medical school at McGill University. During her free time, she enjoys dancing (hip hop, latin), running, exploring different cultures, and discovering new restaurants. Mélissa is absolutely thrilled to be joining the Division of Plastic and Reconstructive Surgery at the University of Toronto and is looking forward to starting this new journey.



MILIANA VOJVODIC

Miliana is from Mississauga, Ontario. She completed her undergraduate degree in Molecular Biology and Genetics at the University of Guelph and received her graduate and medical degrees from the University of Toronto. She nurtures an interest in medical publishing and illustrating. Outside of medicine, Miliana enjoys outdoor activities, soccer games, going to concerts and traveling to flex her German and Croatian skills. She is thrilled to be joining the Division of Plastic and Reconstructive Surgery in Toronto this summer!



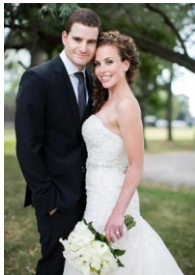
Congratulations to **Dr. Mathew Plant**

Our congratulations go out to Mathew Plant and his wife Dani on the birth of their second son Caleb Hunter Plant on July 24, 2013.



Congratulations to **Dr. Kristen Davidge**

Our congratulations go out to our fellow Dr. Kristen Davidge and her husband Neil Carey on the birth of their first child, Emma Madeline Carey born June 27, 2013 in St. Louis, MO.



Congratulations to **Dr. Dale Podolsky**

Congratulations to Dr. Dale Podolsky and his wife Susan Feldman. They tied the knot on August 25th, 2013!



Congratulations to **Dr. Katie Armstrong**

Congratulations to Dr. Katie Armstrong and Jordon Rainhard who got married on March 29th in Ocho Rios, Jamaica!



Congratulations to **Dr. Jennica Platt**

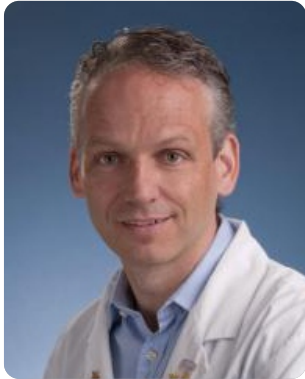
Congratulations to Dr. Jennica Platt on her engagement to Dr. Pavi Kundhal. They are set to exchange their vows on September 20th, 2014!



Congratulations to **Dr. Sebastian Vrouwe!**

Congratulations to Dr. Sebastian Vrouwe on his engagement to Kjirsten Nyquist-Schultz. They are set to exchange their vows on September 13th, 2014!

UNIVERSITY HEALTH NETWORK (UHN) – TORONTO GENERAL HOSPITAL



Dr. Stefan Hofer

Recruitment

A Breast Reconstruction Nurse Agnes Wisniewski has joined the team. She will play a key role in day-to-day clinical contact with patients across the four hospital sites, liaise between the various surgeons, educate patients through workshops and group sessions, and recruit patients for research studies. Her role will also boost access of information about the Program to potential patients.

A Statistician has been involved in numerous resident, fellow and staff surgeon projects as well as three research coordinators for different funded breast reconstruction projects.

We have recruited Dr. Bryan Chung, MD, PhD starting in July 2014 in the Hand Program at the Toronto Western Hospital. He has a PhD in Medical Science (Joint Injury and Arthritis) from the University of Calgary where he also completed Medical School. He completed his Residency at Dalhousie University and the Hand Fellowship Program at New York University.



From left to right: Sandy Kaplansky, Shaghayegh Bagher, Kate Butler, Dr. Toni Zhong, Linda Chan and Natalie Causarano

Educational and Awareness Events

Dr. Zhong presented at the Breast Reconstruction Awareness (BRA) flagship event, “An Evening of Education and Empowerment,” at the Centre for the Arts, St. Michael’s College School on October 16, 2013. The event was hosted by the Willow Breast Cancer Support Group.

12th Annual Ralph T. Manktelow Hand Symposium was held on October 18th, 2013 at the Toronto Western Hospital.

Dr. Hofer attended Breast Reconstruction Awareness (BRA) Day which was held in October 22, 2013 at Roy Thomson Hall. The event was also hosted by the Willow Breast Cancer Support Group.

UNIVERSITY HEALTH NETWORK (UHN) – TORONTO GENERAL HOSPITAL

University of Toronto Resident Research Day was held on February 21st, 2014 at the Peter Gilgan Centre for Research and Learning, Hospital for Sick Children. Jennica Platt, MSC presented on her thesis project with Dr. Zhong.

Dr. Zhong hosted a patient panel on the Realities of Reconstruction: A complex choice, The Scar Project from March 28th – April 6th, 2014 an event for the Rethink Breast Cancer Breast Fest. The event was co-presented by the UHN Breast Reconstruction Program and Willow Breast Cancer Support Canada.

Research Activities and Funding

The UHN Division of Plastic, Reconstructive & Hand Surgery are involved in an extensive number of clinical and basic science projects. Research projects are run separately by the Plastic & Reconstructive Surgery group from TGH/PMH and by the Hand Program at TWH.

The UHN Division of Plastic and Reconstructive Surgery TGH/PMH are involved in ground-breaking breast reconstruction clinical trials utilizing new technologies including acellular dermal matrix and quality of life outcomes research to continue to provide excellence in clinical care in reconstructive breast surgery. Multiple projects assessing surgical techniques and innovations are ongoing continuously. The Division is actively engaged in innovative regenerative medicine projects focusing on tracheal tissue engineering in collaboration with thoracic surgery that will ultimately allow definitive treatment of patients with tracheal insufficiency. In addition a new basic science collaboration investigating adipose derived stem cell

interactions has been started at PMH.

The TWH Hand Program is focusing on strategic growth and further development of our expertise in microsurgery, peripheral nerve surgery, reconstructive wrist surgery and arthroscopy/minimally invasive wrist and hand procedures.

Appointments, Awards and Promotions

Dr. Zhong was appointed by Cancer Care Ontario as the Provincial Clinical Lead to establish Standardized Provincial Post mastectomy Breast Reconstruction (PMBR) Clinical Guidelines.

Dr. Zhong was nominated for the Gerald Kirsh Humanitarian Award, Princess Margaret Cancer Centre, University Health Network.

Dr. Zhong was selected by the Membership Committee as a Mentor for the Plastic Surgery Research Council (PSRC) Mentorship Program 2014 – 15.

Dr. Jennica Platt was awarded the best resident presentation at the Resident Research Day on February 21st, 2014.

Publications and Presentations

Members of the Division of Plastic & Reconstructive Surgery continue to publish widely in high impact, peer-reviewed journals and to be frequent invited lecturers and visiting professors internationally, further enhancing our reputation as an innovative and world-class institution for the management of

complex microsurgical reconstruction cases.

During the 2013 – 14 academic year, division members have published [20] peer-reviewed papers (listed below), presented [24] scientific papers and participated in [12] invited lectures.

Journal Articles 2013 – 2014

Zhong T, Novak CB, Bagher S, Maass SW, Zhang J, Arad U, O'Neill AC, Metcalfe KA, Hofer SOP. Using Propensity Score Analysis to Compare Major Complications between DIEP and Free MS-TRAM Flap Breast Reconstructions. *Plast Reconstr Surg.* 2014 Apr; 133(4):774-82. Impact Factor 3.5.

Haykal S, Salna M, Zhou Y, Marcus P, Fatehi M, Frost G, Machuca T, Hofer SO, Waddell TK. Double-Chamber Rotating Bioreactor for Dynamic Perfusion-Cell Seeding of Large Segment Tracheal Allografts and Tubular Scaffolds: Comparison to Conventional Static Methods Tissue Eng Part C Methods. 2014 Mar 5. [Epub ahead of print] Impact Factor 4.0.

Zhong T, Fernandes KA, Saskin R, Sutradhar R, Platt J, Beber B, Novak CB, McCready DM, Metcalfe KA, Hofer SOP, Irish JC, Baxter NN. Barriers to Immediate Breast Reconstruction in the Canadian Universal Healthcare System. *J Clin Oncol.* 2014 Mar 13. In Press. Impact Factor 18.

Davidge KM, Raghuram K, Hofer SOP, Ferguson PC, Wunder JS, Swallow CJ, Zhong T. Impact of Flap Reconstruction on

Perineal Wound Complications Following Ablative Surgery for Advanced and Recurrent Rectal Cancers. *Ann Surg Oncol.* 2014 Feb 13. [Epub ahead of print] Impact Factor 4.1.

Zhong T, Bagher S, Jindal K, Zeng D, O'Neill AC, Macadam S, Butler K, Hofer SO, Pusic A, Metcalfe KA. The influence of dispositional optimism on decision regret to undergo major breast reconstructive surgery. *J Surg Oncol.* 2013 Dec; 108(8):526-30. Impact Factor 2.6.

Zhong T, Ojha M, Bagher S, Butler K, O'Neill AC, McCluskey SA, Clarke H, Hofer SO, Srinivas C. Transversus abdominis plane block following abdominally based breast reconstruction: study protocol for a randomized controlled trial. *Trials.* 2013 Dec 10; 14(1):424. Impact Factor 2.6.

Townley WA, Mah E, O'Neill AC, Wunder JS, Ferguson PC, Zhong T, Hofer SO. Reconstruction of sarcoma defects following pre-operative radiation: free tissue transfer is safe and reliable. *Journal of plastic, reconstructive & aesthetic surgery: JPRAS.* 2013 Nov 1; 66(11):1575-9. Impact Factor 1.4.

UNIVERSITY HEALTH NETWORK (UHN) – TORONTO GENERAL HOSPITAL

Continued: Journal Articles

Zhong T, Hu J, Bagher S, O'Neill AC, Beber B, Hofer SOP, Metcalfe KA.

Decision Regret Following Breast Reconstruction: The Role of Self-Efficacy and Satisfaction with Information in the Preoperative Period. *Plastic & Reconstructive Surgery*. 2013 Nov 1; 132(5):724e-734e. Impact Factor 3.5.

Zhou Y, Day A, Haykal S, Keating A, Waddell TK. Mesenchymal stromal cells augment CD4+ and CD8+ T-cell proliferation through a CCL2 pathway. *Cytotherapy*. 2013 Oct; 15(10):1195-207. Impact Factor 3.3.

Zhong T, Oberle-Temple C, Hofer SOP, Beber B, Semple J, Brown M, Macadam S, Lennox P, Panzarella T, McCarthy C, Baxter NN, For the MCCAT Study Group. The Multi-Center Canadian Acellular dermal matrix Trial (The MCCAT Study): A randomized controlled trial in implant-based breast reconstruction. *Trials*. 2013 Oct 28; 14(1):356. Impact Factor 2.6.

Ylä-Kotola TM, Barlett E, Goldstein D, Armstrong K, Gilbert R, Hofer SOP. Union and bone Resorption of Free Fibula Flaps in Mandibular Reconstruction. *Journal of Reconstructive Microsurgery*. 2013 Sep 24; 29(7):427-32. Epub ahead of print. Impact Factor 1.6.

Damen, THC, Morrill, AN, Zhong, T, Ahmad, J, Hofer, SOP. Improving Outcomes in Microsurgical Breast Reconstruction: Lessons Learnt From 406 Consecutive DIEP/TRAM Flaps Performed By a Single

Surgeon. *J of Plastic Reconstructive & Aesthetic Surgery*. 2013 Aug 1; 66(8):1032-8. Impact Factor 1.4.

Platt J, Baxter NN, Jones J, Metcalfe K, Causarano N, Hofer SOP, O'Neill AC, Cheung T, Starenkyj E, Zhong T. Pre-Consultation Educational Group Intervention to Improve Shared Decision-Making in Postmastectomy Breast Reconstruction: Study Protocol for A Pilot Randomized Controlled Trial – A Mixed-Methods Pilot RCT. *Trials*. 2013 Jul 6; 14:199. Impact Factor 2.6.

Haykal S, Zhou Y, Marcus P, Salna M, Machuca T, Hofer SOP, Waddell TK. The Effect of Decellularization of Tracheal Allografts on Leukocyte Infiltration and of Recellularization on Regulatory T Cell Recruitment. *Biomaterials*. 2013 Jul; 34(23):5821-32. Impact Factor 8.5.

Payne CE, Hofer SOP, Zhong T, Griffin AC, Ferguson PC, Wunder JS. Functional Outcome following upper limb soft tissue sarcoma resection with flap reconstruction. *Journal of Plastic Reconstructive and Aesthetic Surgery*. 2013 May; 66(5):601-7. Impact Factor 1.4.

Zhong T, Wong K, Cheng H, Ojha M, Srinivas C, McCluskey SA, Clarke H, Jacks L, Hofer SOP. Transversus Abdominus Plane (TAP) Catheters Inserted Under Direct Vision in the Donor Site following Free DIEP and MS-TRAM Breast Reconstruction: A Prospective Cohort Study of 45 Patients. *J of Plastic,*

Reconstructive and Aesthetic Surgery (JPRAS). 2013 Mar; 66(3):329-36. Impact Factor 1.4.

Cahoon NJ, Naparus A, Ashrafpour H, Hofer SOP, Huang N, Lipa JE, Forrest CR, Pang CY. Pharmacologic Prophylactic Treatment for Perioperative Protection of Skeletal Muscle from Ischemia-Reperfusion Injury in Reconstructive Surgery. *Plastic Reconstructive Surgery*. 2013 Mar; 131(3):473-85. Impact Factor 3.5.

Haykal S, Zhou Y, Marcus P, Salna M, Machuca T, Hofer SOP, Waddell TK. The Effect of Decellularization of Tracheal Allografts on Leukocyte Infiltration and of Recellularization on Regulatory T Cell

Recruitment. *Biomaterials*. 2013 Jul; 34(23):5821-32. Impact Factor 8.5.

Naparus A, Ashrafpour H; Huang N, Hofer SO, Zhong T, Forrest CR, Pang CY. Combined Hypoxic Preconditioning and Postconditioning Do Not Confer Additive Protection of Ex Vivo Human Skeletal Muscle from Ischemia/ Reperfusion Injury. *Plastic Reconstructive Surgery*. 2013; 131(55):105. Impact Factor 3.5.

Zhong T, Hu J, Bagher S, Zeng D, Metcalfe K, Hofer SOP. Do Postoperative Complications Predict Regret to Undergo Microsurgical Breast Reconstruction? *Plastic Reconstructive Surgery*. 2013; 131(55):48. Impact Factor 3.5.

International Presentations

Division Staff, Residents and Fellows presented at the following International Meetings: American Society of Plastic Surgeons (4); American Association of Plastic Surgeons (2), where Dr. Zhong presented 'The Analgesic Efficacy of the Transversus Abdominis Plane (TAP) Block on the Abdominal Donor Site following Autologous Tissue Breast Reconstruction: A Double-Blinded, Placebo-Controlled Randomized Trial' in the best papers session in Florida. The American Society for Reconstructive Microsurgery (2) meeting in Hawaii, and the Plastic Surgery Research Council (2) meeting in New York.

International Invited Lectures and Presentations

Division Staff were invited speakers at the following International Meetings: The Barcelona Breast Meeting; the 7th Congress of the World Society for Reconstructive Microsurgery in Chicago, US; the Dusseldorf Breast Meeting; The American Society of Plastic Surgeons (ASPS); The American Society for Reconstructive Microsurgery (ASRM) i. Annual Meeting in Kauai, Hawaii

HOSPITAL FOR SICK CHILDREN

**Dr. Christopher R. Forrest****July 2013 to June 2014**

It has been a stellar year for the division of Plastic and Reconstructive Surgery at the Hospital for Sick Children and I am delighted to highlight some of our accomplishments with you. We are currently an 8 person division and the largest group of full time pediatric plastic surgeons in North America.

Our latest recruit and first full-time female member of the division, Dr. Karen Wong has integrated well within the division. Karen's area of clinical expertise lies in cleft and microsurgery and she has established an integral place within the division with mentoring support from Drs. Ron Zuker and Greg Borschel.

**Dr. Karen Wong**

Her appointment is that of surgeon-scientist and she is currently completing her PhD through McMaster University focusing on the development of a patient-reported outcome measure to assess the impact of cleft surgery on children, teens and young adults (Supervisors: Drs. Anne Klassen and Christopher R. Forrest). She has established a 6-country international network to help support this initiative and has been successful in obtaining CIHR funding for this important work.

**Dr. Karen Cross**

The first Hugh G. Thomson Award was handed out at last year's Gala Graduation dinner. This award was established and funded by the division members of the Hospital for Sick Children and acknowledges Dr. T's values of collegiality, collaboration and simply being a good human being. The first recipient of this award was a highly deserving Dr. Karen Cross.

HOSPITAL FOR SICK CHILDREN



Cho Pang PhD, Senior Scientist, The Hospital for Sick Children was recognized for a lifetime of achievement and dedication to the Department of Surgery. Cho has been an active member of the Research Institute for 32 years and sat on the Department of Surgery Research Committee for 24 years. He has mentored dozens of surgeon-scientists during his time in the Division of Plastic and Reconstructive Surgery including 3 chairs and has been recognized by the American Society of Plastic Surgeons for his achievements. Cho will officially be retiring at the end of 2014 and assume Professor Emeritus status.



Dr. Ronald Zuker was honored with a “Triple Crown” of awards recently during a visit to Durban, South Africa at the invitation of The Colleges of Medicine of South Africa. Ron received an Honorary Fellowship of the College of Plastic Surgeons of South Africa, an Honorary Membership in the Association of Plastic Surgeons of South Africa and also received the Humanitarian Award from The Smile Foundation of South Africa. Ron ended the trip with a visit to Johannesburg to operate. Congratulations Ron!



Congratulations to Dr. Greg Borschel (Associate Professor, Hospital for Sick Children) who was awarded the George Armstrong Peters Prize for 2014. This is awarded to a young investigator who has shown outstanding productivity during his/her initial period as an independent investigator as evidenced by research publications in peer reviewed journals, grants held, and students trained and represents the highest level of recognition that can be bestowed by the Department of Surgery on a young surgeon.

Dr. Greg Borschel



Imagine what fun you would have if you could invite 56 of your best friends from North America and Europe as the host of a symposium focusing on a subject that you are both an expert in and passionate about. That is what Dr. Howard Clarke did, with the help from Emily Ho. The Toronto Obstetrical Brachial Plexus Palsy Workshop was held at Gilligan's Island (really the \$400M Peter Gilgan Centre for Research and Learning) on May 10th, 2014. This was a unique event with a true interdisciplinary approach to managing issues specific to obstetrical brachial plexus palsy with neurosurgery, orthopedic surgery, plastic surgery, OT and PT participation. The best part of the event was having 16 families attend just like it is the usual Wednesday Brachial Plexus Clinic except that it was held in the Robert B. Salter Auditorium. Congratulations to the Workshop Organizing Committee consisting of Alison Anthony, Dr. Greg Borschel, Dr. Howard Clarke, Jocelyn Copeland, Chris Curtis, Erin Fraser, Emily Ho, Dr. Sevan Hopyan, Karen Klar, and Heather Sellars.

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Workshop Organizing Committee consisting of Alison Anthony, Dr. Greg Borschel, Dr. Howard Clarke, Jocelyn Copeland, Chris Curtis, Erin Fraser, Emily Ho, Dr. Sevan Hopyan, Karen Klar, and Heather Sellars



Congratulations to Dr. Joel Fish and the entire Pediatric Burn Program team at the Hospital for Sick Children for their success in becoming the first pediatric burn program in Canada to receive full accreditation by the American Burn Association. This was a very rigorous process involving hundreds of pages of documentation and a 2-day site visit by representatives from the ABA.



In a continuing relationship with Operation Smile and the facility in Guwahati, Asaam, India, Drs. Ron Zuker and Greg Borschel travelled in January 2014 for another site visit with clinical fellows, Drs. Robert Bain and David Sainsbury. This relationship is unique in that surgeons, anaesthetists, speech and language pathologists and dieticians from the Guwaharti Comprehensive Care Centre have visited SickKids to see first-hand how cleft care is delivered here. This model of an ongoing collaboration is working exceptionally well, many thanks to the personnel involved on both sides.



We are excited to be hosting the 10th annual Lindsay Thomson Symposium in Pediatric Plastic Surgery on June 4th, 2014. This event was established to commemorate the names of Dr. W. K. Lindsay, former Chair and Chief of the Division of Plastic and Reconstructive Surgery as well as Dr. Hugh G. Thomson who collectively shared 90 years of experience in pediatric care. This year's Vale Lecture will be given by Mr. Jonathan Britto, Consultant and Pediatric Craniofacial Surgeon at Great Ormond Street Hospital in London, UK.

Mr. Jonathan Britto

The First Pediatric Wound Care Symposium was held at the brand spanking new Peter Gilligan Centre for Research and Learning at the Hospital for Sick Children on November 1st, 2013 with course directors Drs. Joel Fish and Irene Lara-Corrales (Pediatrics). The symposium organizing committee consisted of an interdisciplinary group Dr. Joel Fish, Dr. Irene Lara Corrales, Dr. Elena Pope, Michell Lee, Janet Ahier, Charis Kelly, Kim Colapinto, and Theresa Allan all who are experts in wound care and members of the SickKids Wound Care committee where the idea originated from. The event was managed with the help of the CEPD Office in the Faculty of Medicine and focused on pediatric wound care with highlight topics on epidermolysis bullosa, ulcerated hemangiomas, surgical wounds and burns to

HOSPITAL FOR SICK CHILDREN

mention a few. There were well over 130 attendees for this event which was well beyond expectations for the first symposium with the audience encompassing health care providers from surgery, pediatrics, dermatology, nursing and wound care specialists. Well over half of the attendees were community based and representation was present from London, Hamilton, Ottawa, Montreal and the GTA hospitals. Furthermore, this was the first event held in the new auditorium.



Late this past winter, Dr. John Phillips made the bold step away from the safety of his clinical practice to embark on a unique sabbatical opportunity that he entitled “Teach the teacher”. His goal was to visit as many former fellows as possible and charge them with the mission to teach him something that they have subsequently modified or learned after completing their fellowship in pediatric craniofacial surgery. John travelled to Southern California, Texas, Colorado, Taiwan, Singapore and made multiple stops in Australia. His presentation at rounds was one of the highlights of the year. For information about the last photo, please contact Dr. Phillips.

And finally, I am delighted to forward this email from Dr. W. Bryan Callaghan, President of the Canadian Society of Plastic Surgeons.



Dr. Ron Zuker

“It is with the greatest pleasure that the Canadian Society of Plastic Surgeons announces that the 2014 CSPA Lifetime Achievement Award will be given to Dr. Ron Zuker of Toronto, Ontario. The Award presentation will take place during the President’s Banquet at the CSPA Annual Meeting, on the evening of Friday, June 27th next at the Westin Hotel in Montréal. This award honors members of the CSPA who have made outstanding contributions to the profession and to the Society. We look forward to welcoming a great many Dr. Zuker’s colleagues to honor him on this occasion.” Congratulations Ron on this remarkable achievement. We look forward to an evening of celebration at this year’s meeting in Montreal and invite all of you to participate in recognition of Ron’s career highlights!

And the last piece of news about Dr. Ron Zuker... Ron just returned from a unique trip to Borneo.

Resident Report

We have been fortunate to have a stellar group of both junior and senior residents rotate through the Hospital for Sick Children during the past year and would like to acknowledge and thank them for their hard work. This was the first time junior residents have had exposure to Pediatric Plastic and Reconstructive Surgery and it was a pleasure to have them as part of the team. Thank-you to Dr. Natalia Ziolkowski, Dr. Jana Dengler, Dr. Maryam Sahed Al-Zamani, Dr. Jessica Shih and Dr. Sebastian Vrouwe who all did a great job during their first year.

Thanks also to our senior residents for great effort over the past academic year. Dr. Siba Haykal, Dr. Ryan Austin, Dr. Jennica Platt and Dr. Kathryn Isaac were absolutely terrific to work with.

Congratulations to Surgeon Scientist Trainee Dr. J. Michael Hendry who successfully defended his MSc thesis “The ERBB2 receptor pathway regulates regeneration following the acute and chronic repair of nerve injuries” under the supervision of Dr. Greg Borschel with senior scientist, Dr. Tessa Gordon as co-supervisor. This work was performed over the past 2 years in Dr. Borschel’s lab at the Hospital for Sick Children and represents innovative and unique insights into the pathophysiology of peripheral nerve injury.

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Joseph Catapano will be entering his second year in the SSP program and is also working in the Borschel lab. Joseph is engaged in a MSc thesis entitled “Enhancement of nerve regeneration following neonatal nerve injury” and was awarded First Prize in the recent SickKids Peri-Operative Services Research competition this past spring.



Fellow Report



Dr. Sami Al-Issa

The Division would like to acknowledge the assistance and huge amount of work performed by its contingent of outstanding fellows during the past academic year. Dr. Sami Alissa will be returning to Riyadh, Saudi Arabia after his 4 year sojourn in Toronto. He will be working at King Abdulaziz Medical City as a pediatric craniofacial surgeon and will be appointed to King Saud Bin Abdulaziz University for Health Science as Assistant Professor.



Dr. Mark Fisher

Dr. Mark Fisher will be taking a position as Assistant Professor of Plastic Surgery and Co Director of the Cleft Team at the University of Iowa, Iowa City where he will be also doing craniofacial surgery.



Dr. Kristen Davidge

Dr. Kristen Davidge took her maternity leave and started her fellowship at the Hospital for Sick Children in January. We are very fortunate to have her stay on to complete the remainder of her fellowship in Pediatric Plastic and Reconstructive Surgery.

HOSPITAL FOR SICK CHILDREN



Dr. Robert Bains

Dr. Robert Bains will be returning to Leeds, UK for a 2-month locum before looking for a consultants post in the vicinity. His clinical focus will be upper extremity surgery.



Dr. David Sainsbury

Dr. David Sainsbury will be returning to the UK for the Cleft Interface Fellowship and hopes to start a consultant job in cleft surgery and ear reconstruction next year in Newcastle.

We look forward to welcoming new latest group of fellows starting in July. These include:

Dr. Darren Smith (Pittsburgh) (Craniofacial)

Dr. Phuong Nguyen (Los Angeles, California) (Craniofacial)

Dr. Federico Vargas (Columbia) (Pediatric Plastic Surgery)

Dr. Noam Armon (Israel) (Pediatric Plastic Surgery)

Dr. Shaikhan Al-Hashmi (UoT and Oman) (Pediatric Plastic Surgery)

TORONTO EAST GENERAL HOSPITAL



Dr. Linda Dvali

TEGH participated in a joint innovation fair among six community hospitals on Wednesday, January 29th – InnovationEx. TEGH featured four exciting innovations: (1) the diabetes walking clinic, (2) the surgicentre and process improvement approach to endoscopy (3) our multipronged approach to infection prevention and control, including the use of bleach and ASP and (4) our approach to promoting mental health at work.

The event was held to launch and celebrate the Joint Centres for Transformative Healthcare Innovation, with five other Ontario community hospitals. For more innovation, see the InnovationEx website at <http://www.innovationex.com/>

SUNNYBROOK HEALTH SCIENCES CENTRE



Dr. Paul Binhammer

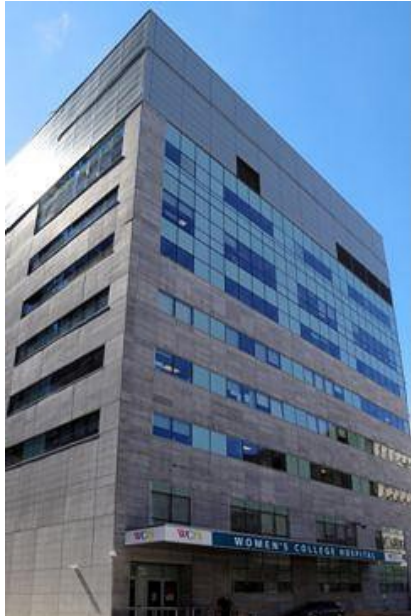
Sunnybrook is never dull. As I write this the daily headlines are about the conflict in Ukraine. Dr Antonyshyn is over there on a trip sponsored by the Government of Canada. He is travelling the country on a medical needs assessment. Our concern are for his safe return home. We look forward to his report.

Dr. Lipa is about to increase her travel points. She has been appointed a visiting professor for The Plastic Surgery Foundation for 2014-2015. Safe travels and congrats Joan.

Sunnybrook has a new surgical skills centre. We have already been using it to improve our microsurgery skills and look forward to expanding our educational opportunities.

Our fellows have been awesome. We wish Mei Lee, Tara Stewaart, and Lin Yap Yan success in their future endeavours.

WOMEN'S COLLEGE HOSPITAL



We are nearing the one year anniversary of our move into Phase 1 of the new Women's College Hospital. It's been an exciting/challenging year and we are feeling like we have our sea legs. Construction is well underway on Phase 2 scheduled to be ready summer 2015.

Dr. John Semple

Residents/Fellows

Our residents and fellows, as always an important part of our team, this past year included residents Matthew Plant, Olivia Ho and Matthew McRae – currently studying hard for the Royal College exam in May. We've had three fellows pass through, Udi Arad, Lisa Korus and our current fellow Leigh Jansen.



In the midst of all her research projects, Katie Armstrong married her high school sweetheart, Jordan Rainhard, on March 29th in Ocho Rios, Jamaica. Katie said that day marked their 14th year anniversary together and they “got married on our anniversary so that we didn’t have to start counting from scratch!”

Katie received the Mentor Best Clinical Paper Award at Resident Research Day.

We also received the CIHR (Canadian Institute of Health Research) e-Health Innovation Catalyst Grant (Dr. J. Semple, Dr. K. Armstrong, Dr. R. S. Bhatia, Professor B. Coyte) for \$39,903 for our proposal “Replacing ambulatory clinic follow-up with remote home monitoring using smartphones in breast reconstruction patients: Is it cost-effective?” Our cost-effectiveness modelling study will be presented at Gallie Day, e-Health, the American Telemedicine Association and CSPS Annual Meeting.

Canadian Breast Cancer Foundation/CIBC Run for the Cure (October 6, 2013)



On a cool, slightly wet day, several in our Division participated in the run. Mathew Plant organized our team this year and as you can see from the photo our team gets younger and younger each year!

Celebrity Sightings



Dr. Brown had the opportunity to meet with the Prime Minister’s wife, Lauren Harper, in Ottawa to discuss BRA Day.

WOMEN'S COLLEGE HOSPITAL

Third annual BRA Day (October 16, 2013)

Breast cancer survivors, patients and medical experts gathered for the third annual BRA Day to learn more about breast reconstructive surgery post-mastectomy. The event, now in its third year, was held on Oct. 16 at St. Michael's College School. A group of five panellists, including Women's College Hospital's Dr. Mitchell Brown, founder of BRA Day, Dr. John Semple, WCH's chief of surgery, and Dr. Brett Beber, each took the stage to discuss various topics surrounding breast reconstruction.



The audience was also given the opportunity to listen firsthand to two breast cancer survivors who both shared their remarkable stories. The event also included a "show-and-tell" lounge, where a group of 15 courageous volunteers bared their chests to attendees in order to give them a firsthand perspective on what breast reconstruction looks and feels like. "I am so grateful to these women who are volunteering tonight at the lounge for giving me the opportunity to see for myself and speak with someone who has been down that road," said one woman who walked through the lounge.

BRA Day, which formed a formal partnership this year with Willow Breast Cancer Support Canada, is now internationally recognized in almost 30 countries and is open to the public each year.

Awards



The award is being presented by Beverly Thompson from CTV and Christy Teasdale, VP on the Board of Directors for CBCF. This is great recognition for the work that is being done with breast cancer and breast reconstruction patients at WCH and for the research activity carried out by the CBCF Chair in Surgical Research held by Dr Semple.

Dr. John Semple received the “Cause Leadership Award” from the Canadian Breast Cancer Foundation (Ontario Chapter) at the Annual CBCF Awards Event held at the Fairmont Royal York Hotel, April 6th 2014. Dr Semple was honoured for his leadership in Breast Reconstruction in breast cancer patients and for his outstanding clinical accomplishments and research in this area. The award was presented by Beverly Thompson from CTV and Christy Teasdale, VP on the Board of Directors for CBCF.

Travel



Dr. Brown was an invited speaker at the Milan Breast Symposium just before Christmas. He found time to enjoy the fine Italian cuisine, especially the donuts!

In June of this year Dr. Brown is an invited speaker at the upcoming Rome Breast Surgery Symposium. In April, Dr. Brown was introduced as a new member of the American Association of Plastic Surgeons in Miami.

Publications

Davidge K, Brown MH, Morgan P, Semple J
Process of care in autogenous breast reconstruction with pedicled TRAM flaps: Expediting postoperative discharge in an ambulatory setting. *Plastic and Reconstructive Surgery*: 2013: 132-3: pp 339e-344e. SRI

Cypel T, Brown MH
12 Year delay of a nipple sharing graft: A case report. *Canadian Journal of Plastic Surgery*: 2013: 21-3: pp 190-191. CPA

Namnoum J, Brown MH, Largent J, Kaplan H, Oefelein M
Primary breast augmentation clinical trial outcomes stratified by surgical incision, anatomical placement and implant device type. *Plastic and Reconstructive Surgery*: 2013: 66: pp 1165-1172. CPA

Morgan PJ, Cunningham L, Mitra S, Wong N, Wu W, Noguera V, Li M, Semple J
Surgical Safety Checklist Implementation in an Ambulatory Surgical Facility. *Canadian Journal of Anaesthesia*: 2013: 60(6): pp 528-538. CPA

WOMEN'S COLLEGE HOSPITAL

Continued: Publications

Semple J, Metcalfe KA, Lynch HT, Kim-Sing C, Senter L, Pal T, Ainsworth P, Lubinski J, Tung N, Eng C, Gilchrist D, Blum J, Neuhausen SL, Singer CF, Ghadirian P, Sun P, Narod SA; The Hereditary Breast Cancer Clinical Study Group International Rates of Breast Reconstruction After Prophylactic Mastectomy in BRCA1 and BRCA2 Mutation Carriers. *Annals of Surgical Oncology*: 2013: 20(12): pp 3817-22. PA

Davidge KM, Brown M, Morgan P, Semple J Processes of Care in autogenous breast reconstruction with pedicled TRAM flaps: expediting postoperative discharge in an ambulatory setting. *Plastic Reconstructive Surgery*: 2013: 132(3): pp 339e-44e. CPA

Abdallah FW, Morgan PJ, Cil T, McNaught A, Escallon JM, Semple JL, Wu W, Chan VW Ultrasound-guided Multilevel Paravertebral Blocks and Total Intravenous Anesthesia Improve the Quality of Recovery after Ambulatory Breast Tumor Resection. *Anaesthesiology* (Ahead of Print): 2013. C

Zhong T, Temple-Oberle C, Hofer S, Beber B, Semple J, Brown M, Macadam S, Lennox P, Panzarella T, McCarthy C, Baxter N The Multi Centre Canadian Acellular Dermal Matrix Trial (MCCAT): study protocol for a randomized controlled trial in implant-based breast reconstruction. *Trials*: 2013: 14(1): pp 356.

Presentations / Invited Visits

Dr. Brown

Seventh European Conference on Reconstructive Surgery of the Breast., Milan, Italy, Dec 6, 2013. Breast Reconstruction Awareness Day.

Seventh European Conference on Reconstructive Surgery of the Breast., Milan, Italy, Dec 7, 2013. Augmenting the opposite breast in breast reconstruction.

Seventh European Conference on Reconstructive Surgery of the Breast., Milan, Italy, Dec 7, 2013. Options in nipple areola reconstruction.

Seventh European Conference on Reconstructive Surgery of the Breast., Milan, Italy, Dec 7, 2013. Use of shaped implants in breast reconstruction.

Aesthetic Symposium at the American Association of Plastic Surgeons 93rd Annual Meeting, Miami, FL, Apr 5, 2014. Shaping the breast with anatomic implants.

Dr. Semple

Western University, Division of Plastic and Reconstructive Surgery, St. Joseph's Health Care London, London, Ontario, Apr 18, 2013 – Apr 20, 2013. Visiting Professor for the Western University Residents' Day 2013.

Canadian Conference on Medical Education, Quebec City, Quebec, Apr 20, 2013 – Apr 23, 2013. Assessing in-training competency of orthopaedic residents: Use of an Objective Structured Clinical Examination (OSCE) after a sports medicine rotation.

Aesthetic Plastic Surgery Symposium & Toronto Breast Surgery Symposium, Toronto, Ontario, Apr 25, 2013 – Apr 27, 2013. The Breast APP for outpatient monitoring.

13th Annual eHealth Summit, Hockley Valley Resort, Orangeville Ontario, May 1, 2013 – May 3, 2013. Session 5 – Panel Discussion: Mobility, information privacy and patient engagement.

Apps for Health and Education, Faculty of Health Sciences, Mohawk College, Hamilton, Ontario, May 16, 2013. Panelist: Patient Centered Technology & Consumer Health.

Discovery Ontario Centres of Excellence, Toronto, Ontario, May 27, 2013 – May 28, 2013. Panelist: Taking Ontario Mobile: An Action Plan for Leadership in the Mobile Revolution.

13th Annual American Society of Clinical Oncology, (Resident, Heather Baltzer) awarded 1 of 10 Novartis Oncology Young Canadian Investigator Awards (NOYCIA) by the Program Committee. MRI Volumetric Analysis of Breast Fibroglandular Tissue to Assess Risk of the Spare Nipple in BRCA1 and BRCA2 Mutation Carriers.

Canadian Breast Cancer Foundation – Ontario Region, Toronto, Aug 22, 2013. Breast Cancer Research – Update.

St. Michael's College, Toronto, Ontario, Oct 16, 2013. Third Annual BRA DAY – Panelist Discussion on Breast Reconstruction.

University of Ottawa Heart Institute, Ottawa, Ontario, Apr 2, 2014. Remote Monitoring of Post-Operative Patients at Home Using Smart Phone Technology.



Dr. Beber was invited by Canada AM to speak about Breast Reconstruction to celebrate the BRA Day on October 16, 2013.

Dr. Beber

WOMEN'S COLLEGE HOSPITAL



Dr. Jamil Ahmad

Education Program in Aesthetic Plastic Surgery

The Education Program in Aesthetic Plastic Surgery continued to grow this past year. We experienced an increase in the volume of patients attending the resident cosmetic clinic at Women's College Hospital. In addition, the number of plastic surgeons in the GTA that the residents can visit increased. Drs. Matthew McRae and Paul Carter were our residents managing the resident cosmetic clinic and surpassed last year's case volume – operating at the brand new facilities at Women's College Hospital.

In April 2014, we had two special events for our residents and fellows during the Annual University of Toronto Breast and Aesthetic Plastic Surgery Symposia. Our residents and fellows had the opportunity to enjoy several presentations on breast surgery over dinner by Dr. Louis L. Strock, the American Society for Aesthetic Plastic Surgery Travelling Professor.



In addition, we had the Residents' Aesthetic Plastic Surgery Luncheon. Drs. McRae and Carter presented cases from their clinic to our visiting professors, Dr. William P. Adams, Jr., the Aesthetic Surgery Education and Research Foundation President, and Dr. Val Lambros, as well as Drs. Wayne W. Carman, Atul Kesarwani, Frank Lista, and Tim Sproule.



We continue to receive a lot of positive feedback and support from our Toronto plastic surgery family for this integral part of our plastic surgery training program. This year, we have been privileged to have Drs. Lista, Brown, Wanzel, Carman, and Born staff cases in the resident cosmetic clinic. We look forward to the involvement of more of our faculty in the resident cosmetic clinic in the future – maintaining the tradition of excellence in aesthetic plastic surgery education at University of Toronto.

ROSS TILLEY BURN CENTRE



Dr. Marc Jeschke

Claudia Malic, MD from the UK and Marcio Baretto, MD from Brazil are our current fellows. They started July 1 2013 and will complete their fellowship successfully June 30 2014. While Dr. Malic will be an attending surgeon in Ottawa, Dr. Baretto will add a second fellowship in breast and breast recon and micro at the University of Alberta.

We are pleased to welcome you to attend the 1st Annual Canadian Burn Symposium being held on May 26-27, 2014 in Toronto, Ontario. Focusing on educating plastic and trauma surgeons, as well as allied health and dermatologists who specialize in burn wounds. With your sponsorship and our multi-disciplinary team, we hope that this meeting will be a vital corner stone in the future of Canadian burn care.

Highlights of the program include updates in all aspects of clinical care and education research.

We hope you will join us for this unique two-day educational program and encourage you to reach out to us, as exhibitor space is limited and priority is given to those that commit early. We are looking forward to partner with you on this ground-breaking meeting:

<http://www.cepd.utoronto.ca/cdnburnsymposium/>

ST. MICHAEL'S HOSPITAL



Dr. Jim Mahoney

St. Michael's Hospital is recruiting a new academic full time plastic surgeon following an international search. The applicants were outstanding. We are very excited about this and plan to have the appointment finalized in the early fall. The final stages of planning of a new clinical wing are being completed. Emergency expansion, hybrid ORS with state of the art technology are part of the project. The construction will begin in the near future.

TORONTO WESTERN HOSPITAL, HAND PROGRAM



Dr. Steve McCabe

“Working together to improve upper extremity care in Ontario and the World.”

The Hand Program has been active in clinical care, education, and research. We have recruited a surgeon, Dr. Bryan Chung to join us in July 2014. He is a Plastic Surgeon / Hand surgeon with a PhD in clinical research methods. Our fellowship has been successful with two of our own graduates, Dr. Richard Backstein and Dr. Kunaal Jindal and an international fellow, Dr. John Mutu-Grigg from New Zealand. We participate in the residents' training program in Orthopaedic and Plastic Surgery. Our rotation has been popular with medical students and as an elective for residents from other Plastic Surgery programs. Ralph Manktelow Day focused on wrist arthritis. This was held on October 18, 2013. The guest speaker was Dr. Brian Adams who participated in the morning activity and lead a dissection workshop in the afternoon.

The Upper Extremity update was successfully reinstated and was held on Saturday, February 8th, 2014.

Faculty members have been active in Professional associations. Brent Graham has finished his time as a member of the ASSH Board of Directors. Christine Novak was the program chair for the ASPN and will be the program director for the AAHS next year.

Grants Awarded

From the PSF/AAHS Combined Pilot Research Grant awarded \$9,800 for the study, Botulinum Toxin Type A for Cold Sensitivity after Hand Trauma; PI: Christine Novak (PI); Co-I: Steven McCabe & Jamil Ahmad.

Best Paper Award

Presentation at the Canadian Society of Hand Therapists Annual meeting, May 2014 awarded Williams M, Novak CB, Conaty K. Evaluation of the Patient Specific Functional Scale in Hand Fractures



**DIVISION OF PLASTIC &
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