



DIVISION OF PLASTIC &  
RECONSTRUCTIVE SURGERY

# PLASTIC SURGERY NEWS

ISSUE 14, JULY 2015



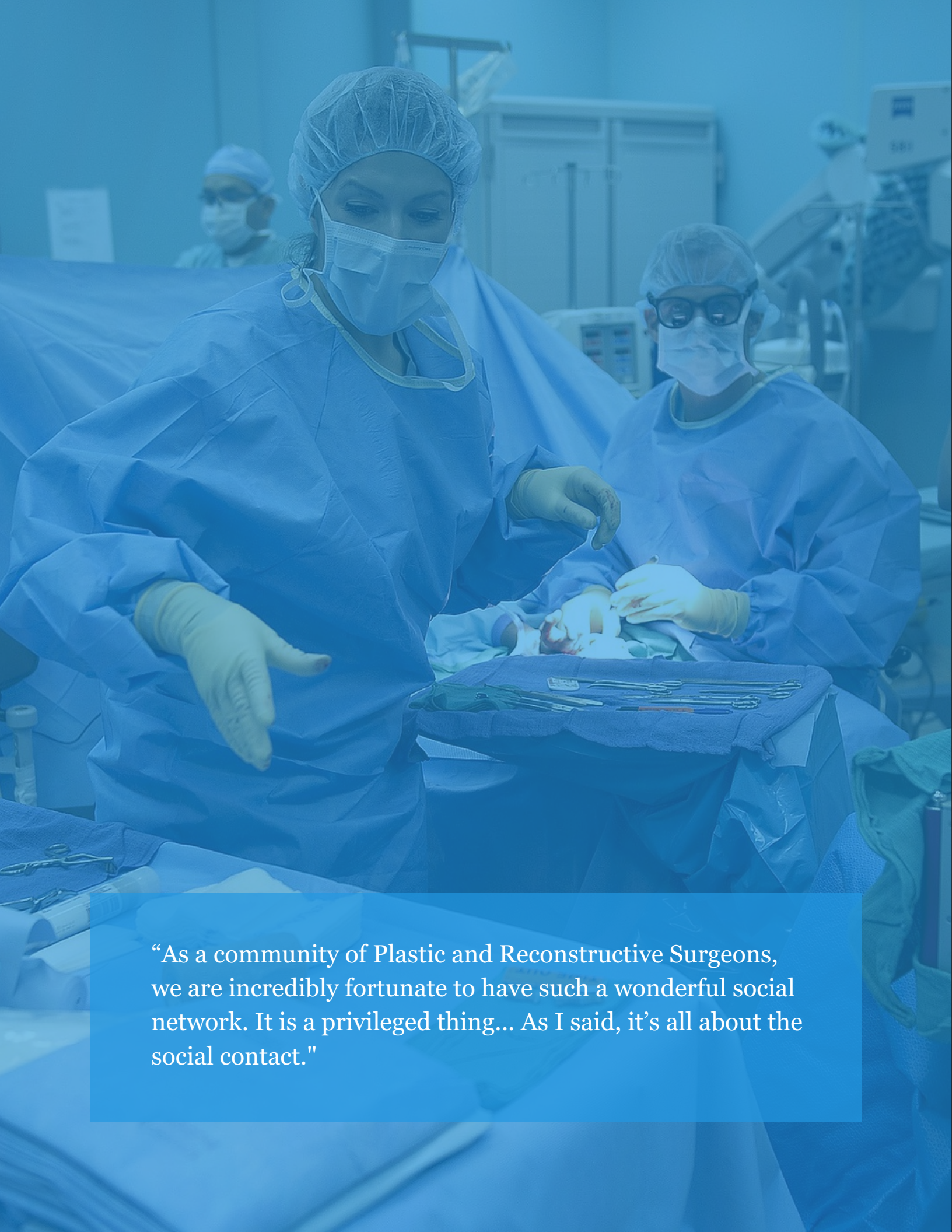
UNIVERSITY OF  
**TORONTO**

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





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“As a community of Plastic and Reconstructive Surgeons, we are incredibly fortunate to have such a wonderful social network. It is a privileged thing... As I said, it’s all about the social contact.”

**DR. CHRISTOPHER R. FORREST**

Chair

Division of Plastic and Reconstructive Surgery

**Welcome to the latest edition of the University of Toronto Division of Plastic and Reconstructive Surgery Newsletter.**

The concept is to give you, the reader, an idea of what is going on here in Toronto. I am proud of the scope and depth of what our division has to offer and am delighted to share the latest news and highlights from the past academic year.

Meeting season never really ends but there is something about the spring that makes me excited. This year I attended the Rhinoplasty Society Meeting in Montreal that was positioned just before the megalodonic American Society of Aesthetic Surgery Meeting. In contrast to the meeting to come, this was a small intimate affair with perhaps 100 people in attendance. I ran into an old colleague of mine – he and I were fellows together eons ago. We have little in common apart from history. I see him maybe once or twice a year and it is always a spontaneous meeting. He is a talented private practice entrepreneur and runs a profitable business, I am an academic, who's day to day concerns are almost the opposite to his. But it is always a highlight of the meeting when I run into him. We exchange pleasantries, express surprise about how quickly time has gone by and we chat about family, work and life. We are genuinely interested in what has transpired since our last meeting and I am always a little sad when we say goodbye...

This colleague is a part of my social network and although this relationship has little social capital, my spontaneous and unscripted exchanges with him are hugely satisfying and rewarding for simply no good reason at all. This is not meant in any way to be derogatory. Social capital may be thought of as expected collective or economic benefits derived from the preferential treatment and cooperation between individuals and groups. I just enjoy seeing my colleague for the sake of seeing him.

All too often, human interactions, especially professional ones, are like pinballs bouncing off each other – momentum gained and vectors altered as a result of the contact. But I like to imagine that there is something a little different about the people in our specialty. Maybe it is the uniqueness of what we do, maybe a commonality in improving quality of life for people, maybe it is a shared interest in the foundation that makes up the tapestry of plastic and reconstructive surgery, or maybe something a little less tangible. And for whatever reason, the interactions at the meetings like the one I described above seem to maintain a contact – kind of like an infinitesimally long piece of elastic between two people. It stretches and bends but never lets go and seems to snap back whenever proximity is regained.

The metrics of success of any professional meeting may be measured in profit, numbers of attendees, educational experience, exposure to new technology or the ability to change practice (that's what all those questions are really asking you on the post-meeting questionnaire) but I would argue that it is the generation and nurturing of a social network that is one the true merits of the meetings we all attend.

When I was a kid, growing up on the rocky north coast of England, one of my favorite things to do was to take my dog and wander up and down the beach, searching for treasures and detritus. The best thing about the rough and ready ocean was what it could toss up on the beach... glass buoys, scraps of fishing gear, mangled lobster pots, perhaps a fragment of pirate treasure. There were other things to find... pieces of amber, jet, fossils, unusual stones. I would race home with whatever I had found to show my mother. It was magic what the sea had to offer. But it wouldn't have meant anything if I couldn't have shared my experience with someone.

It occurred to me even way back then, the most interesting things to find are those which have some form of human contact. It was the human aspect that made it interesting to me.

So back to Plastic Surgery – I would argue its all about the social contact... we are remarkably fortunate to be able to leverage that connectivity. This is nothing new – it has been studied in depth since the 1890's. Émile Durkheim was a French philosopher at the turn of the 19th century and considered to be the principal architect of sociology. He argued that social phenomena arise when interacting individuals create a reality that no longer can be accounted for in terms of the properties of those individuals. And that is the beauty of what we do for a living. Collectively we generate a remarkable and significant social phenomena as a group of like-minded surgeons.

But compared to Durkheim's era, it is so easy to do nowadays. Sharing experiences is something that is ridiculously simple. All made possible by a swipe of your thumb on your personal hand held device. Is this a good thing? For sure! I would say that for the most part, it is a tremendous advancement. It's nice to be in touch...

As a community of Plastic and Reconstructive Surgeons, we are incredibly fortunate to have such a wonderful social network. It is a privileged thing. One thing that someone told me about why they decided on a career in Plastic & Reconstructive Surgery was that they shared a simpatico with this surgical subspecialty and were inspired to become a part of it...

So, at this time, welcome to the latest edition of the UoT Division of Plastic and Reconstructive Surgery Newsletter. As I said, it's all about the social contact. Enjoy!



**DR. GREG BORSCHEL**  
Research Director

The Division has been very busy recently with a wide variety of research activities. Thank you to all Division members, residents, fellows, and researchers for advancing the field in new and exciting ways. Here are some highlights from 2014-15 academic year.

### Susan Mackinnon Homecoming

Our 2015 Hoyle-Campbell Visiting Professor, **Susan Mackinnon** (UofT PS residency, '80), inspired us with her lectures during her visit last February, and the residents had a fabulous time learning from her during their case presentation sessions. Thank you to Dr. Mackinnon for returning to her roots!





## SSTP Students Make Headlines

Our Surgeon Scientist Training Program (SSTP) students are progressing very well. **Dale Podolsky, Joseph Catapano** and **Daniel Demsey** (UBC) will continue their SSTP studies next year. **Katie Armstrong** re-entered clinical training in July 2015, having completed a Master's degree with Dr. John Semple (WCH). **Natalia Ziolkowski** entered the SSTP this July.



**Dale Podolsky**

Prior to entering medical school at the University of Toronto, Dale completed concurrent degrees in both Mechanical Engineering and Physics at the University of Western Ontario. During his undergraduate studies, Dale pursued research in computational fluid dynamics and biomedical engineering. One of the highlights of his undergraduate work was developing and provisionally patenting a wirelessly controlled urinary catheter.

During his MD training he continued to combine his engineering and physics background towards medical applications. Dale conducted research within the fields of surgical simulation and utilizing laser scanning technology to determine the cartilage thickness of finger joints.

Following the completion of medical school Dale was accepted into the Plastic & Reconstructive Surgery residency program at the University of Toronto. Following two years of surgical training, he then entered the Surgeon Scientist Training Program to pursue research full time. Dale is currently in his second year of a graduate degree at the Institute of Biomaterials and Biomedical Engineering. His research is focused on developing robotic approaches in cleft and craniofacial care as well as surgical simulation. He is supervised by Dr. Christopher Forrest and Dr. James Drake along with collaborations with Dr. David Fisher and Dr. Karen Wong. Dale is conducting his research at the Center for Image Guided Innovation and Therapeutic Intervention (CIGIT) at the Hospital for Sick Children. Within the first year of his research he has successfully developed a highly realistic cleft palate simulator that can be used to test novel robotic technology and for use as a training tool. He has received two provisional

patents related to this work and is working towards commercialization. He has performed preliminary validation and will be integrating the simulator into a formal training session. In addition to his work within the realm of surgical simulation, he has successfully applied the da Vinci® Robotic Surgical System towards cleft palate repair and is developing novel robotic design modifications for pediatric trans-oral applications. Dale has presented this work at international meetings and is continuing to gain widespread attention for this work.

Dale has won numerous awards related to this work including the Gallie-Bateman Resident Research Award for best poster, the Canadian Society of Plastic Surgeons best clinical study by a resident and the best mechanical design and overall winner of the Hamlyn Symposium Surgical Robot Challenge as part of a team of engineers. In addition, he has been recognized by the Plastic Surgery Foundation with a Combined Pilot Research Grant as well as post graduate medical education research awards, a Natural Sciences and Engineering Research Council of Canada (NSERC) graduate award, Graduate Study Awards, a Graduate Studentship at the Hospital for Sick Children and Ontario Graduate Scholarship (OGS).



**Joseph Catapano**

Joseph successfully transferred to a PhD this year and is now entering his third year in the Surgeon-Scientist Program under the supervision of Dr. Gregory Borschel. Joseph's research is in peripheral nerve repair and regeneration, and specifically he is investigating neuroprotective pharmaceuticals and corneal nerve regeneration following corneal neurotization. Corneal innervation is necessary to protect the eye from injury and patients with corneal anesthesia suffer from progressive corneal injury, scarring and eventual vision loss and blindness. An exciting new surgical procedure at SickKids, which transfers functioning facial sensory nerves to restore corneal sensation, has significantly improved sensation and function in treated patients. Joseph is designing an animal model of corneal neurotization to investigate how neuromediators influence corneal epithelial maintenance and function and is involved in the clinical outcomes assessment of patients. He was recently recognized with the 2015 Best Clinical Paper Award at the Annual Meeting of the American Society for Peripheral Nerve in Nassau, Bahamas.

Joseph has received grants this year from the Plastic Surgery Foundation (PSF) and Physician Services Incorporated (PSI).

He has also received the Surgical Alumni Fellowship and Edward Christie Stevens Fellowship and has received scholarship awards from the Clayton Pediatric Research Fund, Restracom and the Joseph M. West Memorial Fund. In addition to Ontario and Canada Graduate Research scholarships, Joseph was recently awarded the Frederick Banting and Charles Best CGS Doctoral Award by the CIHR, where his application was ranked in the top 1.62% in Canada.



**Katie Armstrong**

Katie is co-supervised by Dr. John Semple and Dr. Peter Coyte on her MSc thesis entitled, "Cost-effective Care Delivery Models in Ambulatory Surgery: Expedited Discharge and Virtual Care". The body of her thesis is composed of two papers which have been accepted for publication in the Journal of Medical Internet Research (Sept 2014) and the Journal of Plastic and Reconstructive Surgery (October 2015). Her paper in the Journal of Medical Internet Research won her the "Outstanding Paper Award (trainee category)" at the Women's College Hospital Research Institute.

Her thesis work spurred a CIHR-funded clinical trial entitled, "The Effect of Mobile App Home Monitoring on Number of In-Person Visits Following Ambulatory Surgery: A Randomized Controlled Trial" (<http://po.st/MAHM>). This trial was a great success for mobile app follow-up care; and is currently wrapping up at Women's College Hospital. For this work, Katie was awarded the CIHR travel grant and travelled to Milan, Italy to present the findings of this study at the International Health Economic Association World Congress.

Katie has received a PSI Foundation Resident Grant in Feb 2015 for a project entitled, "Distal Radius Fracture Care in the Province of Ontario: Factors Impacting Management" with Steve McCabe, Herb von Schroeder, Toni Zhong and Nancy Baxter. She is set to present some of this work at the Hand and Upper Extremity Update at the University of Toronto.

This year, Katie had the opportunity to participate in a variety of health care leadership activities. She served as a grant reviewer at the Canadian Breast Cancer Foundation;

collaborated with a group at St Michael's Hospital to identify and prevent breaches in patient confidentiality; and worked with the Women's College Hospital Institute for Health System Solutions and Virtual Care as an Innovation Fellow to co-author the white paper entitled, "Virtual Care: A framework for a patient centric system" (<http://www.womenscollegetherospital.ca/Education-and-Training/wihv>)

In January 2015, Katie won the Michael Decter Scholarship for Health Leadership. This award recognizes students aspiring for a health leadership, executive or board role in the Canadian Health Care system.

Katie successfully defended her MSc in Health Services Research specializing in Health Economics at iHPME in June 2015 and is enjoying re-entry into the clinical world at Sick Kids Hospital!



**Daniel Demsey**

Daniel Demsey is a PGY 3 Plastic and Reconstructive Surgery resident from UBC, completing the Surgeon Scientist Program at the University of Toronto under the supervision of Dr. Greg Borschel. He has a background in Chemical Engineering and is pursuing a Master's in Biomedical Engineering.

Daniel is involved in a number of research projects, including the effect of aging on nerve regeneration in a rodent model. He is also assisting in work using local drug delivery strategies to improve outcomes after nerve injury in crush and transection models. Additionally, he is working with the Shoichet Lab to develop a long acting local anesthetic using their advanced polymer based drug delivery systems. He won a PSF Combined Pilot Research Grant for \$10 000 for his projects, as well as full salary support after being accepted into the UBC Clinician Investigator Program. He gave a podium presentation at the PSRC meeting this past spring on the positive effects of NAC administration on outcomes in neonatal rodents subjected to nerve injury.

## Three PSF Grants Funded

Last month the UofT Division of Plastic and Reconstructive Surgery received an unprecedented three awards from the Plastic Surgery Foundation, including two Pilot Research grants and one National Endowment for Plastic Surgery grant. It is very rare for one program to receive multiple awards, let alone three, so congratulations to **Dale Podolski** (supervisors Christopher Forrest and James Drake [HSC]), **Daniel Demsey** (supervisors Greg Borschel and Tessa Gordon [HSC]), and **Karen Wong** (collaborators Christopher Forrest and Anne Klassen [HSC and McMaster])! The PSF grant program accepts proposals on clinical and basic research.

## New Research Curriculum Launch

In response to the request of several residents, we are launching a new Research Curriculum designed to facilitate resident research. These sessions are to be held quarterly, and will cover topics such as research project design, manuscript and grant proposal writing, critical analysis, negotiating with the REB, and other subjects. This set of sessions will be open to all members of the Division regardless of training level.

## Research News

Congratulations to **Toni Zhong** (UHN) and collaborators on their successful CIHR grant proposal entitled "Development of a National Quality Improvement Program in Postmastectomy Breast Reconstruction to Optimize Patient-Centred Experience." (Canadian Institutes of Health Research (CIHR) Foundation Scheme Pilot Program Grant; \$860,006 CAD). Also, Dr. Zhong and collaborators were awarded a grant from the Canadian Breast Cancer Foundation entitled "Pre-consultation Educational Group Intervention to Improve Shared Decision Making for Postmastectomy Breast Reconstruction." (Canadian Breast Cancer Foundation, PI: Zhong. 352,785 CAD). Dr. Zhong was also awarded a 2015 CIHR New Investigator Award for her proposal entitled: "Improving Access to Optimized Postmastectomy Breast Reconstruction through Health Services Research and Clinical Trials for Breast Cancer Survivors (CIHR, 2015-20; \$300,000). What an amazing year for Toni!

Congratulations to **Herb von Schroeder** and colleagues (TWH) on his most recently awarded US Patent: "Laminar flow bioreactor for in vitro tissue engineering including 3D bone production;" US Patent Office #905744; Awarded June 16, 2015.

**Marc Jeschke** (RTBC) and his team have developed a skin printing method that promises to facilitate burn care. They are studying stem cells in terms of their use as a novel intervention and how stem cells can improve healing especially when include in an artificial skin matrix using 3D printing. They are also studying inflammatory and stem cell

markers in keloid and hypertrophic scarring for which we also use clinical samples. In addition, Dr. Jeschke's lab is running two large clinical trials, Glucose Control and Catecholamine Blockade studies. They are part of the multi-centre transfusion trial and part of the upcoming Re-Energize trial. So far, 587 patients have participated in the Metabolic and Inflammation tissue collection study. Dr. Jeschke's lab is also studying the role of infection-induced immune alterations and insulin resistance with a particular focus on the NLRP3 inflammasome. By ablating this pathway, they are exploring whether immunological improvements will occur and if infection and septic outcomes are prevented. They are also studying the mechanisms by which burn injury can cause mitochondrial dysfunction in the liver.

**Cho Pang** (HSC) has announced his retirement this year after several decades of a highly successful CIHR-funded research program in ischemic preconditioning and ischemia-reperfusion injury. Congratulations to Cho from all of us!

**John Semple** (WCH) filed an invention disclosure for a stent for use in the microvascular coupling of lymphatic vessels and veins which are less than 1 mm in diameter as a surgical treatment for lymphedema of the extremities. This was in collaboration with the Institute of Biomaterials & Biomedical Engineering (IBBME) and recently underwent the invention disclosure process with MaRS and Women's College Hospital. This has been chosen by MaRS Executive to support in the commercialization process and to move to "proof of concept" stage.

**Mike Hendry, Tessa Gordon and Greg Borschel** (HSC) filed a worldwide patent for ErbB2 Signaling and Nerve Regeneration. The Nerve Regeneration Laboratory's main interest lies in enhancing outcomes following nerve injury. Current projects include the use of FK506 and other small molecules to drive nerve regeneration; the use of electrical stimulation of nerve and muscle to improve outcomes following nerve injury; and novel surgical paradigms to improve function after nerve injury.

**Paul Binhammer** (SHSC) is studying short-term function and pain after treatment with collagenase clostridium histolyticum or percutaneous needle aponeurotomy for Dupuytren's disease. He is also evaluating the clinical utility of 3D printed custom thermoplastic mallet splints.

**Joan Lipa** (SHSC) is evaluating preoperative imaging in DIEP flap breast reconstruction in a randomized controlled trial evaluating cost and patient-reported outcomes (funded by Canadian Breast Cancer Foundation). She is also conducting a study entitled "Supporting pre-operative education for patients pursuing immediate breast reconstruction: the impact of patient mentoring."

**Laura Snell** (SHSC) is conducting a study entitled “a novel interactive education module for plastic surgery trainees: a randomized controlled trial” (Funded by the Canadian Society of Plastic Surgeons). She is also conducting a study entitled “The potential role for simulated training in the identification and management of a free flap with impending necrosis: an interdisciplinary needs assessment.”

**Kristen Davidge** (HSC): Kristen's current research focus is on evaluating pain in children with obstetrical brachial plexus injury, which has been previously under-recognized. She will also be starting a qualitative study in the fall, as part of phase 1 of the development of a caregiver-reported outcome measure for congenital hand differences, and is updating the congenital hand website to improve information delivery to families.

## Featured Interview: Karen Wong



**Karen Wong, MD (HSC)**

### Tell me about your research

“Generally speaking we are doing health services research, focusing on the evaluation of outcomes in cleft care. More specifically, we are trying to measure “the most important perspective,” which is, of course, the patient’s, and trying to define how they feel about their outcomes, by developing novel outcome measures. The long-term objective is to measure the impact of our surgical interventions from the patient’s perspective. It is actually quite surprising that we currently do not have effective tools to do that not only in cleft care but in most of plastic surgery.”

### What is your “big research question?”

“Basically I want to know the answer to this question: “How do we know that we are doing a good job in cleft care?”

### What is “Patient-Important Outcomes Research” and why does it matter?

“It all relates to person-centred care. We should be judging our performance based on both how the patient feels about their outcomes, in conjunction with more traditional clinical outcomes.”

**What inspired you to do this kind of work?**

“As a resident I went on a cleft mission with David Fisher, and I learned about the substantial criticism directed at the style of cleft care delivered by groups such as Operation Smile. A lot of that criticism was based on the inability to measure cleft outcomes in low income countries. Additionally, there was no way to measure the impact of having a cleft in those populations. Surprisingly, even in Canada we were not able to do that either. So we wanted to define the burden of the disease and evaluate outcomes. I then met Anne Klassen and we started the Cleft-Q project to answer these questions. The Cleft-Q is now used in 26 different sites in nine countries to assess cleft outcomes and the impact of cleft on quality of life.”

**How will answering your big question change how we manage patients with cleft lip and palate?**

“Knowing how patients feel will help us make better decisions clinically. I envision this approach being incorporated into clinical practice, in which we can start a conversation with patients based on their self-reported or family reported Cleft-Q scores. We will also be able to enhance quality improvement efforts to help us become better surgeons by noting our impact upon families' lives.”

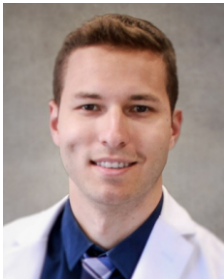




**DR. MITCH BROWN**  
Program Director

**It has been an exciting and successful year for the Residency Training Program at the University of Toronto. As with every year, this is a time to say goodbye to our graduating residents and plan to welcome our new incoming residents.**

The residency selection committee did an outstanding job this year in reviewing over 60 applications. I am pleased to say that we had a very successful match and welcomed four new Canadian medical graduates to the training program in July.



**Tomas Saun**  
Western University



**Kalila Steen**  
Queen's University



**Monica Yu**  
University of Toronto



**Kevin Zuo**  
University of Alberta

We honoured our three graduating residents at our graduation dinner in June. Due to changes in Royal College examination scheduling, our residents worked hard right up until the end of the year and we are pleased to say that they were all successful.

Overall, it has been a very successful year for our residents. The research work that was presented at the Annual Hoyle Campbell Visiting Professor was at the highest level and many faculty felt that it was our most impressive research day that they could remember. It seems that every week I receive another notification of one of our residents receiving an award, presenting at an international meeting, successfully obtaining research funding or participating on an outreach program. As a division, we are certainly fortunate to have such a talented pool of residents.

In keeping with the Royal College's direction towards competency based education and assessment, the division has just completed a reworking of all rotation specific goals and objectives. These have been matched to rotation specific in-training evaluation records with each rotation focusing on two specific CanMEDS roles. This project required a great deal of effort from the rotation supervisors and I want to thank everyone for their outstanding efforts.

It seems that the requirements for teaching and innovative education continue to grow each year. We are fortunate to have an incredibly involved faculty who contribute regularly to the outstanding educational experience for our residents. I want to thank all of the faculty for their time and commitment and specifically recognize Dr. Kyle Wanzel and Dr. Paul Binhammer who play a central role in delivering the academic curriculum.

Finally, I want to make a personal thanks to Dr. Chris Forrest. Chris has been tremendously supportive during his time of interim Chair and now Acting Chair of the division. He has endless ideas for improving our division and for increasing engagement of all faculty and alumni. I look forward to a period of growth and positive change under Chris' leadership.

Wishing you all an enjoyable summer holiday.

Mitch

## Residency Overview



**Paul Carter**

“It has been a great opportunity to train within the program here in Toronto. Having started surgical training in the UK, and originally coming from the Caribbean, there are many unique advantages I have found in working within this system. The amount of organized teaching, and the support for the exit exams is unparalleled and at least a standard deviation above any program I have ever seen. Also, the chance to work with experts with focused practices has also provided unique insights on how to execute surgical plans as effectively as possible. The extra year of training was beneficial and the support from the staff was unequivocal. I am looking forward to a general community practice, and I will be spending a year in Halifax with a fellowship that combines microsurgery, hand, breast, and community plastics.”



**Homan Cheng**

“Hello from sunny California!

Waking up in my studio apartment in Palo Alto each morning, part of me still expects to be in Toronto and going in to round. I am truly fortunate to have called this great university and city home for the past 9 years.

Residency has been one of the most formative periods of my education, career, and personal life. During my rotations as junior resident, I gained the knowledge, skills and confidence to look after patients. Most importantly, I started to feel like a doctor – with all of its pressures and rewards, for the first time. I had been involved with global health and development for some time prior to residency, and with the division’s support I was able to further pursue my interest and completed the 2-year Global Health Institute, Faculty of Medicine and Dalla Lana School of Public Health, University of Toronto.

As a senior resident, I came to love bony reconstruction and ultimately chose a fellowship in that offered pediatric cleft and craniofacial surgery and adult maxillofacial trauma. I came to appreciate our discipline’s diversity and unique ability of plastic surgeons operate proficiently in all parts of the body.

In PGY5 I had the opportunity to volunteer on a LEAP-ISAPS surgical mission in Amman, Jordan providing care to Syrian refugees with Dr. Jamil Ahmad. Being a senior resident was one of the hardest things I've ever done. The trials and tribulations we face as residents are unlike any other, and prepare us for a career that is unlike any other. It was tremendously rewarding when all of the information and skills that I had acquired through out residency came together in my final year and I started to feel like a plastic surgeon for the first time. I'm thankful to my talented and caring co-residents, I hope that our paths will continue to cross in the future.

I am currently at Stanford University completing a 1-year craniofacial fellowship. The year is off to a great start, despite challenges obtaining a California medical license (I have amended a helpful "Guide for Canadians coming to California" given to me by Dr. McCrae which I am happy to share). I will be starting the job search process this year and hope to find a job that will allow me to pursue my diverse clinical interests, be involved in teaching medical students and residents, and continue to volunteer locally and internationally."



**Blake Murphy**

"Residency began for me with mixed emotions as my wife matched to radiology and the University of Western Ontario and I matched to the University of Toronto for plastic surgery. Although Toronto was my first choice for residency, I was disappointed that we would not be in the same city. With some luck, an opening in radiology in Toronto became available and she was able to transfer before the end of the first year to Toronto. The remainder of my off-service rotations during the first two years of residency convinced me that I had made the correct decision applying to plastic surgery.

Throughout third year, I spent 4 months at Sick Kids and 8 months at Sunnybrook. During this time, I decided that I really enjoyed craniofacial surgery and would pursue a fellowship in this with the goal of making it part of my clinical practice. Following this, I spent 4 months at Toronto General Hospital in 4th year and was impressed with the technical skill and knowledge of the staff as well as the variety and complexity of microsurgical reconstruction cases. Given my interest in microsurgery, I decided to arrange an additional year of microsurgery training after completing my craniofacial fellowship.

During my last 2 years of residency, I began to reflect on what type of career path I wanted to pursue. I realized that I really missed the clinical and basic science research component that I experienced during graduate school. This combined with the academic environment at the University of Toronto where I have spent the past five years renewed my interest in a career that included clinical practice, clinical research, and basic science research. My goal is to complete my two years of fellowship and secure a job at an academic institution that will support a career in clinical and basic science research.

I am now able to look back at my experience during residency and reflect on all of the great people I have met over the past five years. There are so many memorable patients that remind you of why you go into medicine. Residency is a very long and tiring process, with plenty of ups and downs and considerable personal sacrifice. However, it is this way by necessity. The amount of knowledge, technical skill and problem solving that is required to begin a career in surgery is overwhelming... 5 years seems so long, but goes so fast.

Next, I am going to Miami Children's Hospital for a year of craniofacial fellowship. I will then return to Toronto for another year of fellowship training, this one in microsurgery at Toronto General Hospital. My wife will be staying in Toronto during this time to complete a 2 year fellowship in Neuroradiology. Following this, my wife and I will both have completed 20 years of post-secondary education... our hope is that at this time, we will be able to secure jobs in the same city that meet our personal and professional goals."

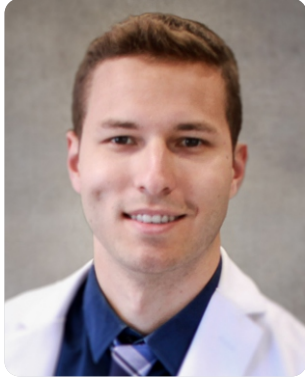


## Resident Orientation, July 2015

Back Row (Left to Right): Siba Haykal, Jennica Platt, Matthew Murphy, Kevin Zuo, Tomas Saun, Helene Retrouvey, Joseph Catapano, Mike Hendry, Ryan Austin, Dr. Christopher Forrest, Jana Dengler, Giancarlo McEvenue, Dr. Kyle Wanzel, Sebastian Vrouwe, Dr. Greg Borschel, Dale Podolsky

Middle Row (Left to Right): Rayisa Hontscharuk, Monica Yu, Maryam Saheb-Al-Zamani, Melissa Roy, Miliana Vojvodic, Stephanie Dreckmann, Dr. Mitchell Brown

Front Row (Left to Right): Victoria Hayward, Kalila Steen, Natalia Ziolkowski, Kathryn Isaac, Katie Armstrong, Jessica Shih



**Tomas Saun**

Tomas was born in Toronto and raised in the vibrant Estonian cultural community that Toronto has to offer. He completed his undergraduate degree in Life Sciences at Queen's University and continued on to Western University for Medical School. An early interest in film and multimedia has grown into a major focus in Tomas' academic and extracurricular involvement. Outside of medicine, he loves staying active, and you would likely find him out on the lake in the summer and skiing in the winter.

Tomas feels very excited to be returning home and privileged to be joining the Division of Plastic and Reconstructive Surgery in Toronto this summer!



**Kalila Steen**

Kalila is deeply honoured to join University of Toronto's Division of Plastic and Reconstructive Surgery. Although born in Mississauga, she was raised in the heart of rural Pennsylvania.

Kalila pursued her undergraduate degree in pre-medicine and music performance at The Pennsylvania State University. She was thrilled to move to Canada to attend medical school at Queen's University. In her free time, she enjoys weight lifting, live music, and exploring new restaurants. Kalila is ecstatic to move to the big city and discover her new home.



**Monica Yu**

Monica was born and raised in Mississauga, Ontario. She graduated from the BHSc Program at McMaster University and then went on to medical school at the University of Toronto. Monica spends much of her spare time either at the gym or paddling with her dragonboat team, with whom she hopes to qualify for her third world championships in Australia in 2016. She looks forward to spending the next five years with the Toronto Plastics team!



**Kevin Zuo**

Kevin was born in Windsor, ON, grew up in Edmonton, AB, and spent time in Hong Kong and Paris before obtaining his bachelor and medical degrees from the University of Alberta. He enjoys playing basketball, reading the news, attending concerts, practicing Spanish, and spending time with his family and friends. Kevin is very excited to join Toronto's Division of Plastic & Reconstructive Surgery and looks forward to a challenging and rewarding surgical residency.





**DR. TONI ZHONG**  
Fellowship Director

**The Division of Plastic and Reconstructive Surgery has had another extremely successful year in training a total of 23 international fellows. They come from around the world – North and South America, Europe and Asia.**

In the words of a recent fellow, “Not only are they outstanding professionals and world leaders in their fields but even more importantly they are excellent teachers and role models.”

Fellows learn from the staff at UofT and return home with new knowledge and skills to enhance their clinical experience.

In addition, there have been preliminary steps taken by Dr. McCabe to create a city-wide Hand Fellowship in combination with Sunnybrook and possibly St. Michael’s and SickKids Hospitals. Dr. McCabe is in the process of drafting the list of objectives for this new fellowship program and will bring it to PGME for final approval.

We look forward to the thriving future of the fellowship program, and value the presence and contribution our fellows continue to make.



**Romy Ahluwalia**

Romy was born and raised in Winnipeg, Manitoba where he completed medical school. He completed his residency in plastic surgery at the University of Western Ontario and is thrilled to be starting a fellowship at the Toronto Western Hospital under the supervision of Dr. Herb von Schroeder from July 1, 2015 to June 30, 2016.



**Mohammad Alrowaili**

Mohammad is from Saudi Arabia and will be doing a trauma and reconstructive plastic surgery fellowship at St. Michael's Hospital under the supervision of Dr. James Mahoney from July 1, 2015 to June 30, 2016.

In his free time, Mohammad enjoys sports, camping, and reading.



**Jessica Ching**

Jessica comes to Toronto for the Paediatric Craniofacial Fellowship with Dr. Christopher Forrest and Dr. John Phillips. for the period of July 1, 2015 to June 30, 2016. She is a native Texan, who attended university and medical school in Texas prior to her Plastic Surgery residency at the University of South Florida in Tampa, Florida. Her husband, two dogs, and cat have accompanied her to Toronto. In her free time, she enjoys running, hiking, and trying new restaurants.



**Ki-hyun Cho**

Ki-Hyun was born and raised in Seoul, South Korea and attended Kangwon National University School of Medicine. He completed plastic surgery residency training at Hallym University School of Medicine, Seoul. This included a visiting scholar at the Craniofacial Centre at the Chang Gun Memorial Hospital in Taoyuan, Taiwan. He received his board certification from the Korean Society of Plastic and Reconstructive Surgeons in 2012. He went on to do a 3 year military service in Kangwon Province.

Ki-Hyun will be doing an aesthetic fellowship with Dr. Larry Tong from July 1, 2015 to December 31, 2015.

In his spare time he enjoys bike riding, traveling, reading, and exploring museums and art galleries.



**Tanya Delyzer**

Tanya is originally from Southwestern Ontario but spent some time out West in Calgary for her undergraduate studies. She completed medical school and Plastic and Reconstructive Surgery residency at the University of Western Ontario in London, Ontario. During this time she met her husband who is currently a staff Vascular Surgeon in London. They have a 2 year old son with whom they spend as much of their free time with as possible.

Tanya will be doing a fellowship at the Toronto General Hospital with Dr. Toni Zhong from July 1, 2015 to December 31, 2015.



**Sandhya Deo**

Sandhya comes from New Zealand and will be doing a 6 month fellowship at the Toronto Western Hospital under the supervision of Dr. Herb von Schroeder from January 1, 2016 to June 30, 2016.



**Ali Mahmoud Ghanem**

Ali came to SickKids having been an Academic Clinical Lecturer in plastic surgery at the London Plastic Surgery Training Scheme, United Kingdom. He obtained his Doctorate in Medicine from Damascus University and qualified in Medical Law and Ethics (Glasgow University), Surgical Science (University of London). He completed his basic surgical training at both the Royal College of Surgeons of Edinburgh and England and was awarded a Doctorate in Philosophy (PhD) in Developmental and Stem Cell Biology at University College London investigating the molecular regulation of embryonic stem cells neural differentiation. His academic research is focused primarily on investigating safe clinical thresholds of simulation training in microsurgery. His main interests in plastic surgery are focused on paediatric facial deformities. His work was recognized by the Arnold Huddard Medal of the Craniofacial Society of Great Britain and Ireland and the London Education Excellence Innovation Award. Outside Surgery, Ali has a 10 year old buddy-son called Hasan, who lives in Manchester, with whom he spends his holidays. He is a reasonable cook who will try to learn the art of Sushi in Toronto (if work load allows) and he is a Marathon runner with best time being 4h 34m (Dublin 2015).

Ali will be doing a one year fellowship at the Hospital for Sick Children under the supervision of Dr. Chris Forrest from July 1, 2015 to June 30, 2016.



**Anastassi Halka**

Throughout his training, Tassi Halka, PhD FRCS(Plast), has consistently developed his interest in surgical oncology. After completing his Residency in Plastic Surgery, he was awarded the prestigious British National Oncoplastic Breast Surgery Interface Fellowship in Nottingham. He was trained and gained experience under the guidance of Dr. Douglas Macmillan and Dr. Stephen McCulley, international experts in Oncoplastic Breast Surgery.

Tassi aims to enhance his experience in microsurgery with Dr. S. Hofer, Dr. T. Zhong, and Dr. A. O'Neill at the Toronto General Hospital for a one year fellowship starting July 1, 2015 to June 30, 2016. The division's international reputation for providing reconstructive solutions for patients with complex oncological pathology was a big attraction. Tassi strongly subscribes to the unit's policy of individualizing the care of every patient in order to optimize their outcome and quality of life. Having completed a PhD in Biomolecular Science, with an interest in tissue engineering, he shares the division's interest in tissue regeneration. Tassi is very eager to develop his work in this exciting and important field with a particular focus on fat grafting.

Tassi is sharing his time in Toronto with his wife, Anna, and their two sons. In his spare time, he enjoys spending time with his family and is a certified rugby referee.



**Jennifer Klok**

Jennifer moved to Toronto from Ottawa where she completed her residency in plastic surgery. She will be doing a one year Breast Cancer Reconstruction Fellowship at Women's College Hospital, University Health Network and Mt. Sinai Hospital with Drs Toni Zhong, Mitchell Brown, John Semple, Stefan Hofer and Anne O'Neill from July 1, 2015 to June 30, 2016. In her spare time, Jennifer enjoys traveling, running and photography.



**Marika Kuuskeri**

Marika comes from Tampere, Finland where she works at the Tampere University Hospital. She will be doing a microsurgery fellowship under the supervision of Dr. Stefan Hofer from July 1, 2015 to June 30, 2016.

Marika has three children and enjoys jogging and winter sports such as downhill skiing.



**Ann Marie McKenna**

Anne Marie comes from Ireland and has an MB, Bch, BAO, MMed Sci (Sports Medicine) from the UCC in Ireland and an MD in burn immunology, received after completing a 2 year research fellowship at Harvard. She earned her FRCS in plastic surgery in 2014 and CCST (completion of surgical training) from RCS in 2015. Anne Marie will be doing a burn fellowship under the supervision of Dr. Shar Shahrokhi for the period of July 1, 2015 to June 30, 2016.



**Kathrin Neuhaus**

Kathrin was born and raised in Germany. She studied medicine at the Eberhard-Karls-University of Tuebingen, Germany. Following training appointments as pediatric surgical resident at the University Children's Hospitals of Munich/Germany and Zurich/Switzerland, Kathrin was board certified as a pediatric surgeon in 2011. After a pediatric plastic surgical fellowship at the Department of Pediatric Plastic Surgery and Pediatric Burn Unit of the University Children's Hospital in Zurich/Switzerland she has been working as a junior consultant in the same team since 2011.

Kathrin is thrilled to join the SickKids team as a clinical plastic surgery fellow under the supervision of Dr. Chris Forrest from July 1, 2015 to June 30, 2016. Her main research interests are skin substitutes and congenital melanocytic nevi.



**Sonia Pandey**

Sonia is a Plastic surgeon, trained in Chandigarh, India. She has been accepted as a Pediatric Craniofacial fellow for 2015-16, under Dr. Christopher Forrest. She has a special interest in this field due to the need of craniofacial expertise sensed in Namibia, during her 5 years of work there.

Sonia practices Yoga, including meditation each day and believes in balancing professional ambitions with family life. She likes to visit new places and learn about different cultures, although only hesitatingly tries various cuisines, due to restricted food habits.

“I am sure that this fellowship period will be multidimensional learning experience, also allowing knowledge exchanges amongst fellows with different backgrounds and training.”



**Christian Petropolis**

Christian will be doing a one year craniofacial fellowship under the supervision of Dr. Oleh Antonyshyn at Sunnybrook Health Sciences Centre from July 1, 2015 to June 30, 2016.



**Amanda Roberts**

Dr. Amanda Roberts is a Clinical Research Fellow with the UHN Breast Reconstruction Program. She is examining healthcare utilization after post-mastectomy breast reconstruction under the supervision of Dr. Toni Zhong and Dr. Nancy Baxter. Amanda has completed the General Surgery residency program and Breast Surgical Oncology Fellowship at the University of Toronto. Her Clinical Research Fellowship is supported by a Canadian Breast Cancer Foundation Fellowship grant. In her free time, Amanda enjoys spending time with her husband, Jason, and 7-month-old son, Nate.



**Pundrique Sharma**

Dr. Pundrique Sharma (Pediatric Plastic Surgery) was born and brought up in London, UK, and entered the MD-PhD programme at University College London. His subsequent plastic surgery training was based in London and around the East of England (centred at Cambridge University's Addenbrooke's Hospital). After board exams he undertook sub-speciality training in paediatric upper-limb surgery and microsurgery. Pundrique will be doing a one year fellowship at the Hospital for Sick Children under the supervision of Dr. Chris Forrest from July 1, 2015 to June 30, 2016.



**Kimberly Sun**

Kimberly Sun will be doing an Oncologic and Microvascular Reconstructive Surgery Fellowship with Dr. Joan Lipa at Sunnybrook Health Sciences Centre from July 1, 2015 to June 30, 2016. She grew up in Calgary, went to medical school in Kingston and did her residency at the University of Alberta in Edmonton.



**Michael Wendt**

Michael comes from Luxembourg. He graduated from Ruprecht Karls University in Heidelberg, Germany and did his plastic surgery residency in Luxembourg and Germany. He is a Hand and Upper Extremity fellow under Dr. Von Schroeder's supervision, and will be at the Toronto Western Hospital for the next 12 months.



**KATHY PAVLOVIC**

Program Administrator

[www.uoftplasticsurgery.ca](http://www.uoftplasticsurgery.ca)

**We've upgraded our technology by revitalizing our website so that we now have improved efficiencies, the benefits of which have been realized by the public as well as the division and university.**

Our residents and faculty can now simply log onto the website and access their rotation schedule, contact information for rotation supervisors, seminar schedules and also enjoy the benefits of syncing the online academic calendar with their own personal devices.

Contact information for residents and faculty can be accessed by logging onto the website and going directly to "People" and viewing all contact information.

Medical students looking to arrange an elective or observership should be directed to our website's Education page. All pertinent information for electives, observerships, residency training and fellowships can be found there with clear instructions for each.

Our new website enjoys an increased interest from visitors who now spend 50% more time on the website than before, and view 8% more pages per visit.

70% of our visitors are from Canada, with the rest coming from USA, UK, India, Brazil, Saudi Arabia, Australia, and other countries.



**David Grieco**

## **Appointment of Senior Development Officer, Department of Surgery, University of Toronto**

**David Grieco** joined the Office of Advancement in the Faculty of Medicine on April 27th 2015. David took on the role of Senior Development Officer, responsible for the Department of Surgery.

David is coming from the Children's Aid Foundation, where he has worked as a successful fundraiser for 8 years. He brings a wide range of skills to his new position, with experience in major gifts, donor relations, volunteer management, and corporate partnerships. David is passionate about advancing health and education and is very much looking forward to advancing the mission of the Department of Surgery at UofT.

### **Contact Information**

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**RONALD M. ZUKER**  
MD, FRCS, FACS, FAAP



**At the end of June 2015, Dr. Ronald M. Zuker retired from his clinical practice in Pediatric Plastic and Reconstructive Surgery and will be assuming Professor Emeritus status. Ron's name is known around the world and he has been the most prominent member of our division as an international expert in microsurgery, cleft repair and facial reanimation.**

Ron graduated from the Faculty of Medicine at the University of Toronto and after completing his Plastic Surgery training under Dr. W.K. Lindsay, embarked on a McLaughlin Travelling Fellowship learning about microsurgery, cleft care and burns in Japan, Australia, New Zealand and Europe. Ron was appointed to the staff at the Hospital for Sick Children in 1978. He was Chief of the Division of Plastic & Reconstructive Surgery from 1986 to 2002.





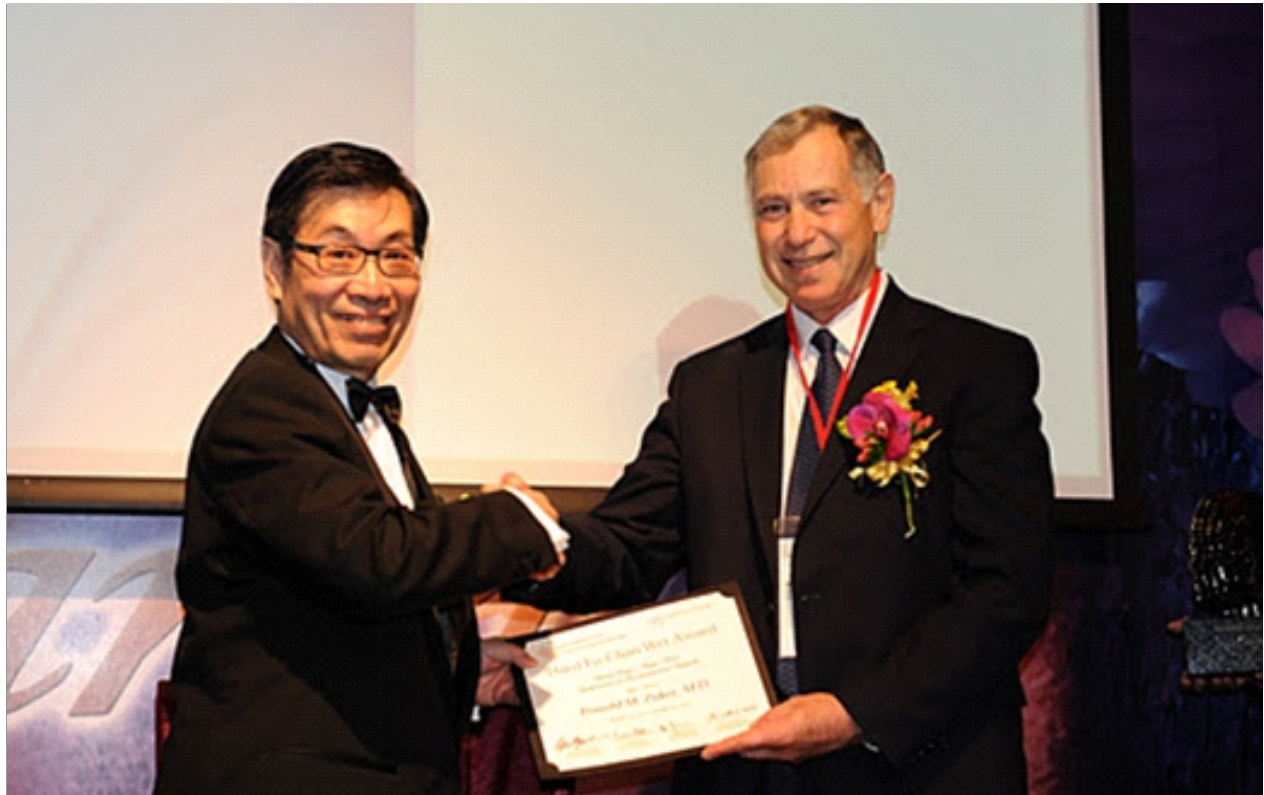
Gabriel Riff, RMZ and Dr. Karen Wong-Riff

Surprisingly Ron began his medical career in the Amazon Basin as a river doctor working for the Hospital Amazonica Albert Schweitzer in Pucallpa, Peru where his fluency in Spanish paid dividends. To this day, his commitment to global health continues with strong representation in Operation Smile. After he completed his surgical training he was integral in establishing the microsurgery program at the University of Toronto with Drs. Ralph Manktelow, Nancy McKee, Howard Clarke and Jim Mahoney. Quickly, Toronto became known as an epicenter of excellence and attracted dozens of trainees from around the globe including Professor Fu Chan Wei who, stimulated by his teachers, formed the world's largest microsurgery unit at Chang Gung Hospital in Taipei.



Drs Stuart Bade, RMZ, Alison Snyder-Warrick and Greg Borschel

Dr. Zuker is one of the original pioneers of microsurgery. He is a founding member of the American Society of Reconstructive Microsurgery and the Group for Advancement of Microsurgery (GAM - Canada). He has had important leadership positions in our specialty's important societies including the American Academy of Pediatrics, the American Association of Plastic Surgeons, the American Association of Pediatric Plastic Surgeons, the American Burn Association, the American Cleft-Craniofacial Association, the American Society for Reconstructive Microsurgery, the American Society of Peripheral Nerve, the American Society of Plastic Surgeons, the Congress of the International Microsurgery Society, the Canadian Society of Plastic Surgeons amongst many others, culminating with the Presidency of the International Society of Plastic Reconstructive and Aesthetic Surgery Congress in Vancouver 2011. In 2014, Ron was awarded the Lifetime Achievement Award at the 68th Annual Meeting of the Canadian Society of Plastic Surgeons in Montreal. He is the recipient of an Honorary Fellowship from the Royal College of Surgeons of Edinburgh (2006) and the Fu Chan Wei Award for Reconstructive Microsurgery (2011), a former President of the American Society for Reconstructive Microsurgery (2003-2004) former Associate Editor for the Journal of Plastic & Reconstructive Surgery and is the co-editor of the soon to be third edition of Principles & Practice of Pediatric Plastic Surgery considered to be the "bible" of pediatric plastic surgery.



Dr. Fu Chan Wei and RMZ



Ron Zuker and Ralph Manktelow



CSPS President Bryan Callaghan, Ron Zuker and Chris Forrest

His CV is rich with accolades, honors, peer-review papers and scientific presentations. He has been teaching residents and medical students in Plastic Surgery since 1978. He has taught fellows from all points of the globe. He has given lectures on 4 of the 5 major continents. He has well over 100 scientific peer review publications and book chapters. One of his most significant contributions has been his textbook entitled Principles and Practice of Pediatric Plastic Surgery (co-edited with Bruce Bauer and Mike Bentz) which has become the go-to book for Pediatric Plastic and Reconstructive Surgery and is heading for a 3rd edition any day now! He has acted as a great mentor for the latest generation of reconstructive microsurgeons and is generous in sharing his surgical secrets. In 2013, Ron was honored with a “Triple Crown” of awards during a visit to Durban, South Africa at the invitation of The Colleges of Medicine of South Africa consisting of 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 a Humanitarian Award from The Smile Foundation of South Africa.



Gail and Ron Zuker and Marc Swan



Drs Steve McCabe, Marc Swan and Ron Zuker





Dr. Ron Zuker receiving the Honorary Fellowship of the College of Plastic Surgeons of South Africa from Dr. Anil Madaree



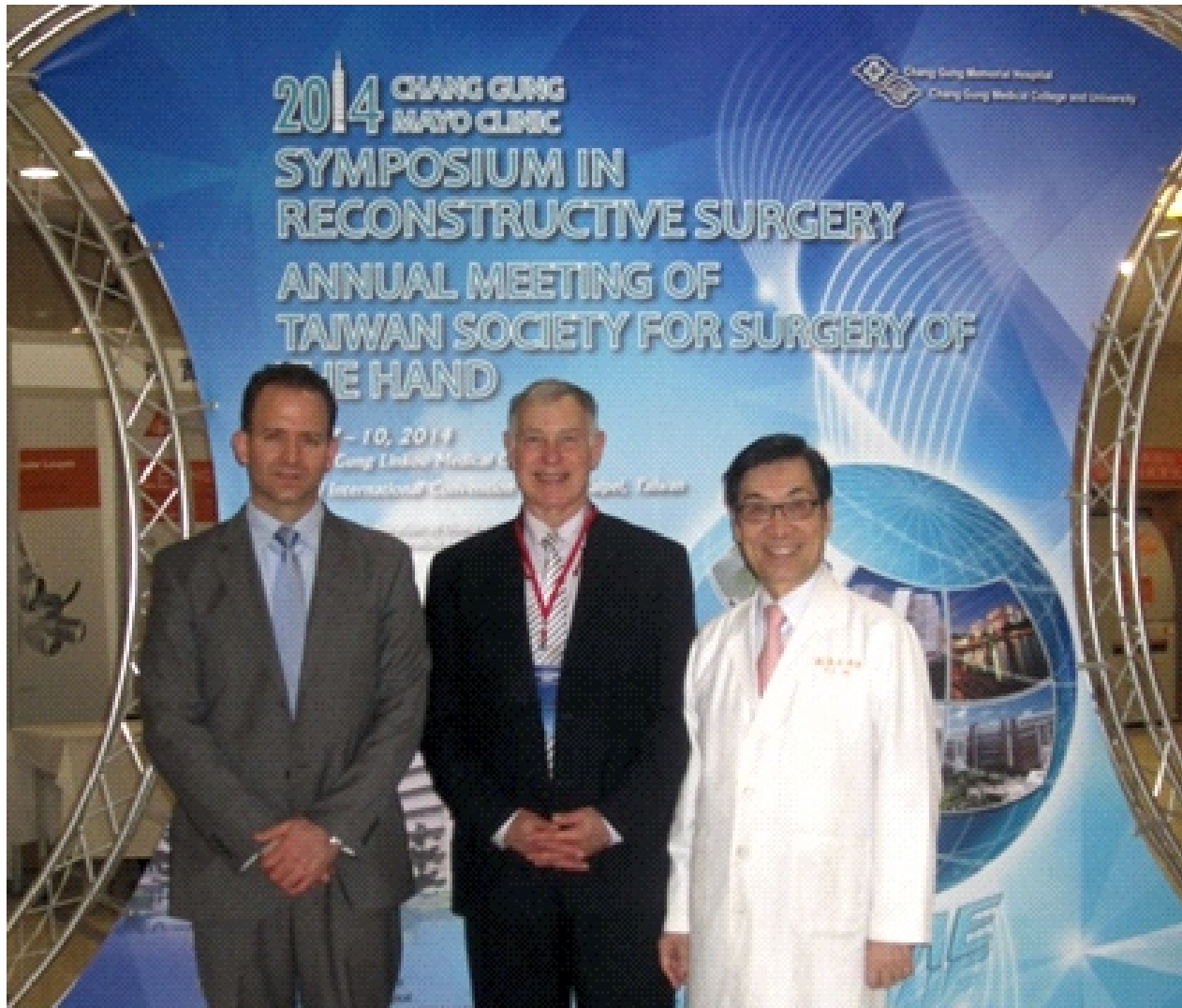
Ron during an Operation Smile trip



Drs. Alison Snyder Warrick, RMZ and Karen Wong in Guwahati, India



Drs. Joe Gruss, Bill Magee, Ray Tse, Leila Kasraj, David Fisher and RMZ



Drs. Samir Mardini (Mayo Clinic), Ron Zuker and Professor Fu Chan Wei (Taipei)

It is easy to say that the backbone of Ron's career has been his dedication to clinical excellence and innovation. The Zuker name has been integral in shaping the sub-specialty of pediatric plastic surgery through his contributions in microsurgery, cleft lip and palate and upper extremity surgery. However, Ron will be best known for his work as the "Smile Doctor". His passion has been the restoration of facial function in patients with facial paralysis and Moebius syndrome. To this end, he has revolutionized the approach to the management of established facial paralysis using free functioning muscle transfer with the gracilis muscle being the workhorse. With Dr. Ralph Manktelow, he developed innovative and novel techniques for transfer of the gracilis muscle from the leg to restore the smile in patients with facial paralysis. Surgeons from around the world visit him to learn this remarkable procedure. He has been recognized for his passion by the Moebius Foundation and the Smile Foundation of South Africa.

**Everyone is well aware of Ron's interest in smile surgery but here are ten little-known facts about Dr. Ron Zuker's clinical achievements:**

1. He has one of the largest experiences in the separation of conjoined twins in the world (seven).
2. He has set the bar high creating unprecedented success rates following living donor-related liver transplant surgery by evolving microsurgery into the team.
3. He described using the masseter nerve to power the gracilis muscle for facial reanimation and smile reconstruction.
4. With Dr. Greg Borschel, he has developed techniques for re-innervating the insensate cornea.
5. He performed the world's first lower limb allotransplant.
6. He has an anatomic point named after him.
7. He has expertise in the management of congenital giant melanocytic nevi.
8. He was in a television show with Monty Python original John Cleese describing the importance of the smile.
9. He has done innovative research with functional MRI in Moebius patients.
10. He is not afraid to cite Bob the Builder as one of his strongest influences and inspirations.

Ron's career began with a focus on the delivery of health care to those in greatest need. He continues to exhibit this high level of altruism with devoting a huge amount of his energy to helping children with clefts in low- and middle-income countries spending time in South America, Africa, and India with the Operation Smile group.

His latest endeavor is the creation of the Pediatric Vascularized Composite Allotransplantation program at the Hospital for Sick Children pushing the clinical limits of reconstructive surgery.

In recognition of the work that Ron has done for the Division of Plastic and Reconstructive Surgery at the University of Toronto, he was awarded the "Division Lifetime Achievement Award" at the 2015 Graduation Dinner.

In transitioning to "Emeritus" status, Ron will continue to be involved with teaching and mentoring staff and fellows, continue his position at SickKids International and maintain his focus with global outreach, Operation Smile and his India projects. As the Chair, I have appointed Ron to be the Director of Alumni Relations as a way to engage and facilitate alumni participation and look forward to seeing Ron's latest career iteration unfold!



Dr. Mitch Brown with (left to right) Dr. Homan Cheng, Dr. Blake Murphy, and Dr. Paul Carter

**The Division of Plastic and Reconstructive Surgery celebrated the successes of its graduating class of residents at the Windsor Arms Hotel on June 25th, 2015.**

This event has become a staple on the social calendar of the division and was a wonderful opportunity for recognition of the highlights of the past academic year. It was also a pleasure to meet the families of the graduating residents and see everyone out of scrubs for a change.

Congratulations to the graduating residents, Drs. Homan Cheng, Blake Murphy and Paul Carter. All successfully passed their Royal College exams and are flying the coop for bigger adventures.



Dr. Homan Cheng with her family



Dr. Paul Carter with his wife



Dr. Blake Murphy and family

Thanks and acknowledgments were paid to those division members who have extended beyond the usual call of duty to involve themselves in resident educational events. These include John Phillips (Manager CanMEDS role), Craig Fielding (Ethics and Professionalism CanMEDS role), Linda Dvali (Health Advocate CanMEDS role) Melinda Musgrave (Collaborator CanMEDS role) Michael Weinberg (Communicator CanMEDS Role Coordinator), Tom Bell (Coordinator - Aesthetic Surgery Teaching Sessions), Paul Binhammer (Coordinator, Surgical Skills Curriculum and PGY-1 Dinner Series), Karen Wong (M&M coordinator), Jamil Ahmad (Director, Resident Aesthetics Clinic), Laura Snell (Journal Club) and Brett Beber (Resident Wellness Coordinator)

Acknowledgement was also paid to the members of the Residency Program Committee run by Program Director, Mitch Brown. This committee is essential to the educational activities and oversight of the division and represents a significant time commitment from its members. Thanks to Mitch Brown, Jim Mahoney, Brett Beber, Jamil Ahmad, Ryan Austin, Rayisa Hontscharuk, Jessica Shih, Craig Fielding, Paul Binhammer, Kyle Wanzel, Michael Weinberg, Linda Dvali, Greg Borschel, Shar Shahrokhi, John Semple, Stefan Hofer and Steve McCabe.

I learned a long time ago that one key to successful leadership was to surround yourself with people smarter than yourself. This has particular application with respect to the members of the Executive Committee for all their hard work and dedication to the smooth running of the division: Toni Zhong (Fellowship Coordinator), Kyle Wanzel (Associate Program Director, Plastic Surgery School Seminar Series Coordinator, PREP Camp coordinator & Undergrad Career Day Sessions through PSIG), Melinda Musgrave (Undergraduate Education Director), Karen Wong (Quality Improvement Director), Paul Binhammer (Jr Resident Ed Director), Greg Borschel (Research Director) and Mitch Brown (Program Director).

We also recognized the important support and contributions from our industry partners: Allergan (George Saltzberg and Kevin O'Brien), Mentor (Kevin Simmons), Depuy Synthes (Wade Bekar and Joe Herron), KLS-Martin (Robbie Sutherland), Lifecell (Carol Selby-Reid) and Anexxa (Lisa Miconi).



Kevin O'Brien and George Saltzberg  
Allergan



Lisa Miconi with fiancé Adam  
Anexxa



Kevin Simmons with his wife Carole  
Mentor/J&J



Robbie Sutherland  
KLS Martin

Special Chair Awards were handed out at the Gala Dinner to:



Lifetime Achievement Award: Dr. Ronald M. Zuker





Division Recognition Award: Drs. Manuel Gomez and Cho Y. Pang



Chair's Above and Beyond Award:  
Dr. Paul Binhammer



Dr. Hugh G. Thomson Humanitarian Award  
Recipients for 2015: Kathryn Isaac and  
Blake Murphy

## Chair's Comeback of the Year Awards



**Dr. Jeff Fialkov**



**Dr. Oleh Antonyshyn**



**Dr. Marc Jeschke**

## Advancement



**Darina Landa**



**David Grieco**

Many thanks to **Darina Landa** for all her support in the Advancement Office and we wish her continued success for her future in her new role as Director of Development for the Faculty of Medicine.

Welcome to **David Grieco**, Senior Advancement Officer who will be handling the interests of the Department of Surgery portfolio.

And for the second year in a row, **Paul Binhammer** was the recipient of this year's Arnis Freiberg Faculty Teaching Excellence Award and **Steve McCabe** was the winner of the William K. Lindsay Faculty Research Mentor Award.



Blake Murphy, Paul Binhammer, Paul Carter and Homan Cheng



Homan Cheng, Steve McCabe, Paul Carter, Blake Murphy

Many thanks to **Kathy Pavlovic** for all her efforts and coordination of this year's celebrations and making it a night to remember!



# HOSPITAL FOR SICK CHILDREN

## HOSPITAL FOR SICK CHILDREN



**Dr. Christopher R. Forrest**

**It must be my age but I get a shock when I write down the date these days... 2015! It seems like it is science fiction futuristic and something I used to read about in comic books as a kid. But here we are, nonetheless and it is remarkable how things change and how things stay the same.** The SickKids crew have had a great year culminating in a new recruitment, two transitions, a career milestone and a Shania Twain concert! I am delighted to highlight some of our accomplishments with you. We are currently a 9-person division and the largest group of full time pediatric plastic surgeons in North America.



**Dr. Ron M. Zuker**

**Congratulations to Dr. Ron Zuker who officially stepped down from active clinical practice in June 2015 to assume Professor Emeritus status in the Division of Plastic and Reconstructive Surgery.** Ron has been a member of the Division of Plastic Surgery since 1978 and is the former Division Chief (1986 - 2002). He is a full Professor (appointed 1994) in the Department of Surgery and has expertise in facial reanimation, free functioning muscle transfer, cleft lip and palate repair, congenital hand and microsurgery. He has contributed immensely to the profile of the Division during his tenure and is an internationally recognized figure. Ron's accomplishments and achievements are legion and will be highlighted separately in this newsletter. Ron will be transitioning to a new role as the Director of Alumni Relations for the division and will continue to be a fixture at the Hospital for Sick Children mentoring staff and fellows, continuing his involvement with global outreach and other projects. In this new role, Ron will be tasked with connecting with alumni to help with fund-raising, networking and divisional profile and create a sense of community with all of the remarkable people who have passed through the gates of our division at the University of Toronto. At this time, all members of the division would like to thank and acknowledge Ron for his efforts, friendship and expertise and wish him well with the next stage of his enviable career.



**Congratulations to Senior Surgeon Scientist, Dr. Cho Y. Pang who also officially retired from active scientific research and assumed Professor Emeritus status at the end of March 2015.**

Cho was appointed to the SickKids Research Institute and the Department of Surgery in 1982 by former Chair and Chief, Dr. W. K. Lindsay. He has been a senior scientist and full Professor in the Department of Surgery with a research focus on skin and muscle flap ischemia/reperfusion injury and physiology. Since 1983, he has trained over 35 surgeon scientists many of whom have gone on to positions of national and international academic significance. He was integral in establishing a successful model of surgeon and scientist collaboration and has been a fixture within the division for 32 years. In 2009, he was honored with the Award for Outstanding Achievement in Basic and Translational Research by the American Society of Plastic Surgeons. In 2013, he received the Chair's Lifetime Achievement award and was also recognized by the Department of Surgery for his 24 years on the Department of Surgery Research Committee. The division members would like to wish Cho all the best in his retirement.



**Dr. Kristen Davidge**

We are delighted to announce the recruitment of **Dr. Kristen Davidge** to the division. Kristen will be appointed as Assistant Professor and Surgeon-Scientist-track in the SickKids Research Institute and will develop her practice in the area of obstetrical brachial plexus palsy, peripheral nerve, upper extremity and microsurgery. Kristen is well known to the division and had a very successful residency culminating in winning the Shafie S. Fazel Outstanding Resident Surgeon and Investigator Award. Kristen graduated from the Surgeon Scientist Program successfully obtaining her Master of Science degree in Clinical Epidemiology at the University of Toronto Department of Health Policy, Management, and Evaluation. Following her residency, she undertook fellowship training at the University of Washington, St. Louis, under the supervision of former Toronto alumnus, Dr. Susan Mackinnon. She then completed a fellowship in Pediatric Plastic and Reconstructive Surgery at the Hospital for Sick Children. Kristen has an interest in developing outcome measures for pediatric upper extremity surgery and the application of nerve transfer techniques in quadriplegia. Welcome Kristen!



**Dr. Blake Murphy**



**Dr. Kathryn Isaac**

The third Hugh G. Thomson Award was handed out at this 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. This past year was unique in presenting this award to 2 highly deserving individuals: **Dr. Blake Murphy** and **Dr. Kathryn Isaac**.



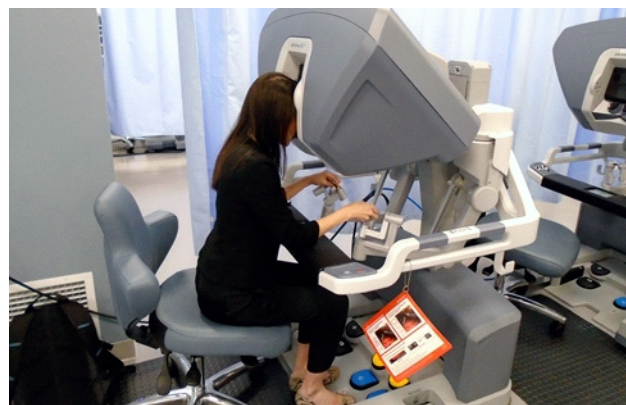
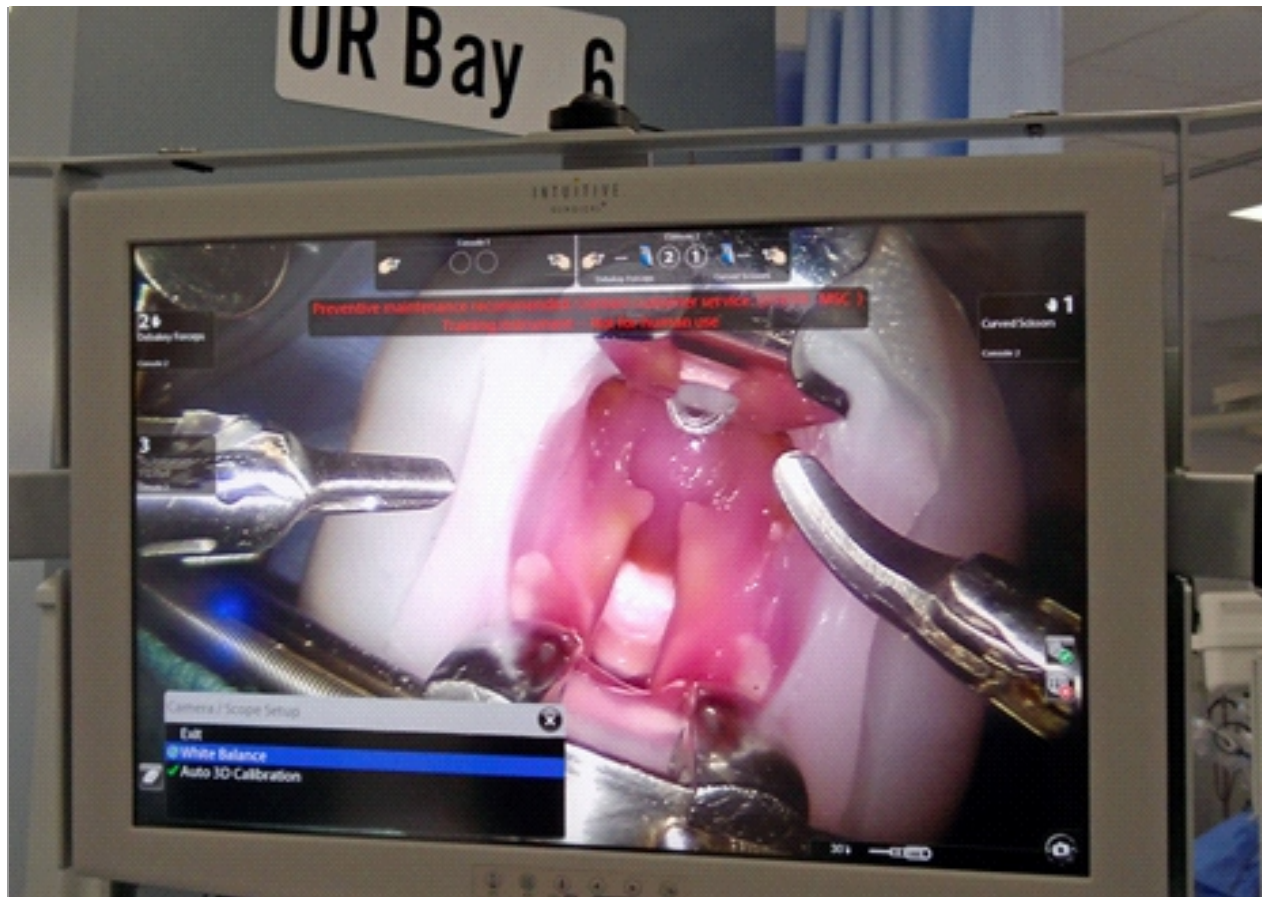
## HOSPITAL FOR SICK CHILDREN



### 11th Annual Lindsay-Thomson Symposium in Pediatric Plastic Surgery

The Eleventh Annual Lindsay Thomson Day was held at the Peter Gilgan Research and Learning Tower on June 17th and former UofT graduate **Dr. Ken Wilson** was this year's Vale Lecturer with 70-plus registrants. The symposium was designed to provide a snapshot of what is developing and going on in the world of Pediatric Plastic and Reconstructive Surgery and is unique in its multi-disciplinary nature with presentations from Occupational Therapy, Nursing, Interventional Radiology, Social Work, Physiotherapy, Genetics as well as division members. The gamut of topics included burn care in the future, cosmetic surgery in children, application of patient reported outcome measures in cleft surgery and social work issues of internationally adopted children with clefts. This symposium was established to honor the contributions of Dr. William K. Lindsay and Dr. Hugh. G. Thomson for their years of service in the field of Pediatric Plastic Surgery.

Dr. Wilson is an Associate Professor in the Department of Surgery, Dalhousie University, Halifax and after graduating from UofT medical school in 1972, he completed a residency in Plastic Surgery in Halifax and then subsequently completed fellowships in Chicago, Melbourne and SickKids. He has been on staff in the division of Plastic Surgery at Dalhousie University for 32 years and has mentored many of the country's surgeons. Ken is a stalwart supporter of Operation Smile and has been a member since 1995, participating in more than 44 missions. He gave a terrific overview lecture, focusing on many aspects of Pediatric Plastic Surgery during his years in practice.



## Intuitive, Watson...

**Drs. Wong, Fisher and Forrest** paid a site visit to Sunnyvale, California at the end of May to visit Intuitive, makers of the da Vinci surgical robot system. The idea was to try the cleft palate simulator that has been developed by Dr. Dale Podolsky in his project to develop a robotic approach to cleft palate surgery. The highlight of the day was a visit to the production assembly line where we discovered, (not intuitively) that robots are made by hand! Who knew?

## HOSPITAL FOR SICK CHILDREN



### The 69th Annual Meeting of the Canadian Society of Plastic Surgeons

The Canadian Society of Plastic Surgeons Meeting was held in Victoria, BC just this past week and members of the division were highlighted in multiple ways. The highlight was the investiture of the new society President! Congratulations and best wishes are in order for **Dr. Howard Clarke** who received the medal from out-going President, Dr. Ted Tredget. Howard was also appointed as the Head of the University of Toronto Department of Surgery Promotions Committee.



## Help the Doctor

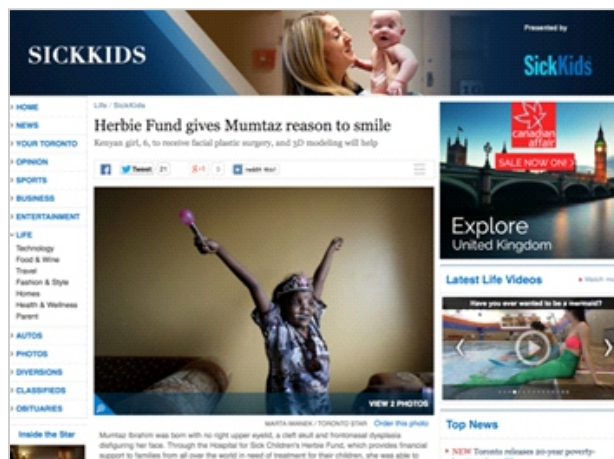
SickKids craniofacial fellow **Dr. Phuong Nguyen** (aka JP Danger) brought his LA-based band “Help the Doctor” to the great white north for a benefit show that rocked the house down on May 22nd, 2015 at the Silver Dollar. After a rousing set of original tunes, the band closed out with a Canuck classic “Summer of 69” with special guests for a one-time only appearance. All proceeds went to the SickKids Herbie Fund. Check them out!

<http://www.facebook.com/HelpTheDoctor>

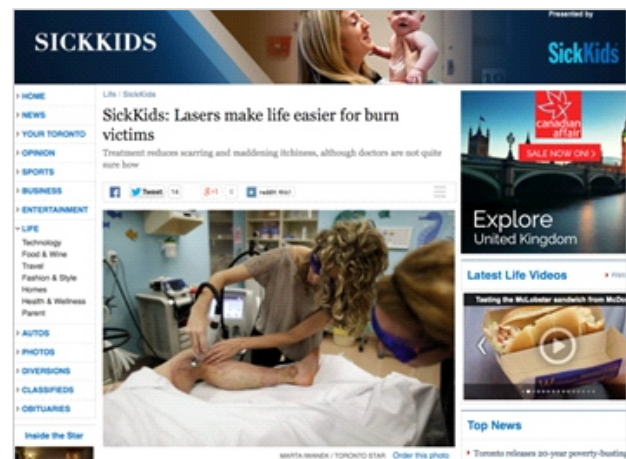
## HOSPITAL FOR SICK CHILDREN

### In the News

Thursday May 7th 2015 was SickKids Day in the Toronto Star. Check out the new Burn Laser Program that **Dr. Joel Fish** has initiated and the work that the SickKids craniofacial team did on a Herbie Fund patient from Kenya!



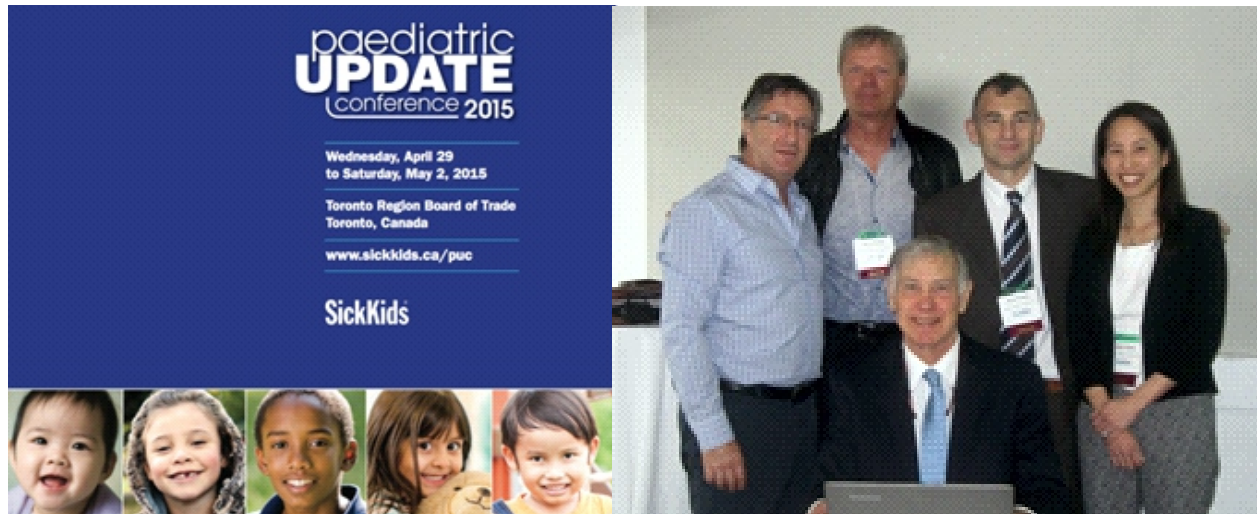
[http://www.thestar.com/life/sick\\_kids/2015/05/06/herbie-fund-gives-mumtaz-reason-to-smile.html](http://www.thestar.com/life/sick_kids/2015/05/06/herbie-fund-gives-mumtaz-reason-to-smile.html)



[http://www.thestar.com/life/sick\\_kids/2015/05/06/sickkids-lasers-make-life-easier-for-burn-victims.html](http://www.thestar.com/life/sick_kids/2015/05/06/sickkids-lasers-make-life-easier-for-burn-victims.html)

Many of you will have seen the compelling story of adopted twin girls from Vietnam that each required a liver transplant. It was a touching and empathetic story with a fairytale ending. The back-story (not reported) involved the SickKids microsurgery team (**Drs. Zuker, Borschel, Wong and Davidge**) who performed the micro work on the case. Not to boast too loudly, but since the micro service has become a part of the liver transplant team, survival rates have been raised to a world-leading 90-plus percent! Isn't Plastic and Reconstructive Surgery remarkable?

<http://www.macleans.ca/news/canada/an-impossible-choice-made-an-ontario-twin-gets-her-liver/>



## SickKids Pediatric Update Conference

It's not just cosmetic! On April 30th, 2015, the SickKids division participated in the Annual SickKids Pediatric Update Conference as a panel discussion "Aesthetic Surgery in Children" with **Ron Zuker**, **Joel Fish**, **Karen Wong** and **John Phillips**. This is an intriguing and somewhat controversial side to what we do in pediatric plastic surgery and continues to be an important focus of ensuring psychosocial well-being for children and young adults. The topics of discussion ranged from skin lesions, ear surgery, craniofacial surgery and scar modulation techniques.

## Burn News

**Dr. Joel Fish** recently joined the membership of the American Burn Association Certification Committee. This is a very prestigious appointment and Joel's focus is to develop standard metrics for verification of pediatric burn units. The SickKids Burn program is also pleased to announce the appointment of **Jennifer Zuccarro** as the Research Coordinator for the Pediatric Burn Program. Jenn will be doing a PhD through IMS with a focus on clinical outcomes of laser therapy for burn scar treatment under Joel's supervision.

## Patient-Reported Outcomes

**Dr. Karen Wong** continues to reinforce the SickKids focus on patient-reported outcome measures in the world of Pediatric Plastic Surgery and is expected to defend her PhD thesis this fall. CLEFT-Q and FACE-Q are being developed as quality of life measures with the emphasis on the value of health care being dependent on what is important to the patient. Karen has had a busy and productive year with talks at the CSPA in Vancouver, ACPA in Palm Springs and most recently at the European Craniofacial Congress in Sweden. Her work on the CLEFT-Q has been incorporated into the International Consortium on Health Outcomes Measurement (ICHOM) data set on cleft outcomes. We look forward to

## HOSPITAL FOR SICK CHILDREN

implementation of the CLEFT-Q and the impact this will have on cleft care around the world.

The third and latest edition of Principles and Practice of Pediatric Plastic Surgery edited by **Michael Bentz**, **Bruce Bauer** and **Ron Zuker** is expected soon! This is a terrific overview of all of the important aspects of Pediatric Plastic and Reconstructive Surgery and considered to be essential reading for residents and fellows. In this era of information technology, it is a testament to the value of this text that it is in demand for a third edition! As always, SickKids staff are providing important contributions to the tome!

### 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. **Dr. Mike Hendry** successfully re-entered the clinical stream having completed his training as Surgeon-Scientist under Dr. Greg Borschel's supervision. Senior residents **Drs. Victoria Hayward** and **Giancarlo McEvenue** also successfully navigated through the pediatric rotation and did a great job on service. PGY-1's **Stephanie Dreckmann**, **Miliana Vojvodic**, **Melissa Roy** and **Helen Retrouvey** all did 2-month rotations as part of the new initiative to enhance the pediatric component of the residency during the junior years. Great work everyone! It was a pleasure having you all on the service!

**Dr. Joseph Catapano** successfully transferred to a PhD this year and is now entering his third year in the Surgeon-Scientist Program under the supervision of Dr. Gregory Borschel. His research entitled "Enhancement of nerve regeneration following neonatal nerve injury" was awarded First Prize in the recent SickKids Peri-Operative Services Research competition this past spring.

SSP trainee **Dr. Dale Podolsky** has had a terrific first year in research under the joint supervision of Drs. Chris Forrest and Jim Drake. Dale has been working with the Centre for Image Guidance and Therapeutic Innovation (CIGITI).

Welcome to the latest SSP trainee **Dr. Natalia Ziolkowski** who will be spending 2 years working under the supervision of Dr. Joel Fish in an MSc program through IMS. Natalia will be studying burn scar modulation following laser therapy and developing objective measures of scar assessment.

SSP UBC transplant **Dr. Daniel Demsey** continues his basic science work in the Borschel laboratory.

## Fellow Report

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. We have been very fortunate in having an out-standing group of fellows from all points of the globe and will miss working with them. We wish them all the best for continued success in the future.



From left to right: CRF, Dr. Noam Armon, Dr. Darren Smith, Dr. Phuong Nguyen, Dr. Federico Vargas and GHB



## HOSPITAL FOR SICK CHILDREN

**Dr. Darren Smith**

**Dr. Darren Smith (Pittsburgh, PA)** (Craniofacial) will be returning to his native New York with finance Lauren and will be starting a fellowship in Aesthetic Surgery with Dr. Sherrell J. Aston for a year and will commence a search for a pediatric craniofacial position.

**Dr. Phuong Nguyen**

**Dr. Phuong Nguyen (Los Angeles, CA)** (Craniofacial) will be commencing a staff position in the Division of Plastic and Reconstructive Surgery at the Children's Hospital of Philadelphia. He is taking a brief detour back to LA with his band "Help the Doctor" to record an album before starting his job.

**Dr. Shaikhan Al-Hashmi**

**Dr. Shaikhan Al-Hashmi (UofT and Oman)** (Pediatric Plastic Surgery) has successfully passed his fellowship exams and will be returning to Oman to start a staff position with a focus on Pediatric Plastic Surgery



**Dr. Federico Vargas (Columbia)** (Pediatric Plastic Surgery) is returning to Bogota, Columbia and will be starting a position with a focus on cleft surgery.

**Dr. Federico Vargas**



**Dr. Noam Armon (Israel)** (Pediatric Plastic Surgery) loaded his family in the car for a road trip across North America before returning to a position in Jerusalem.

**Dr. Noam Armon**

## HOSPITAL FOR SICK CHILDREN

From the “where are they now?” file... just so you know that there is life after fellowship, at the recent ACPA meeting in Palm Springs California, last month, a re-union of SickKids fellows was organized by **Drs. Karen Wong** and **David Fisher**.



From left to right: Drs. Erika Henkelman, David Khechoyan, Tom Sitzman, David Fisher (front row), David Cho, Jonathan Burge, Karen Wong, Stuart Bade (middle row), Jonathan Wheeler and Tom Samson (back row).

## **Fellows 2015-2016**

Welcome to the new crew! We have a great group of multi-national fellows from all points of the globe!



**Dr. Pundrique Sharma**



**Dr. Sonia Kukreja Pandey**



**Dr. Jessica Ching**



**Dr. Katrin Neuhaus**



**Dr. Ali M. Ghanem**

## HOSPITAL FOR SICK CHILDREN



Oh, and finally, that **Shania Twain** reference... anyone who has rotated through SickKids will know that Ron Zuker is one of her biggest fans! So when she rolled through T.O. on June 24th, a celebration of sorts was organized. A surprise party was organized for Ron with 27 of his best friends to enjoy her recent concert. Check out the tour t-shirt!



**BACK TO BACK  
FAREWELL TOUR 2015**

ROSS TILLEY BURN CENTRE

## ROSS TILLEY BURN CENTRE

**Dr. Marc Jeschke**

**The Ross Tilley Burn Centre (RTBC) has had another successful and highly productive 2014-2015 academic year as part of the Division of Plastic Surgery at Sunnybrook Health Sciences Centre. Led by the Medical Director, Dr. Marc Jeschke, and staffed by University of Toronto surgeons Dr. Rob Cartotto, Dr. Manuel Dibildox, and Dr. Shar Shahrokhi, the RTBC has continued to be recognized as one of the top burn centres in Canada and for that matter, North America.**

We are very excited to report that the Ross Tilley Burn Centre was recently awarded the Best of the Best Award. Out of 252 ICUs around the world that registered in the International Nutrition Survey, the RTBC was the top performing site. The RTBC came in second place amongst the top 10 performing ICUs in this competition and first place among participating burn ICUs! The RTBC now serves as a standard by which all other ICUs in the world can strive to reach.

As well, most noteworthy is that the RTBC was successfully re-verified by the American Burn Association (ABA) in June, 2014. The RTBC is one of only three ABA-verified burn centres outside of the United States. To achieve verification, a burn center must meet rigorous standards for organizational structure, personnel qualifications, facilities resources and medical care services as set out in the American College of Surgeons publication on Resources For Optimal Care Of The Injured Patient.

**Drs. Cartotto and Jeschke** have represented the RTBC in leadership roles of various international societies related to burn care. Dr. Jeschke has been appointed as the 2016 Program Chair of the Shock Society, and Dr. Cartotto has just completed his three-year term as chair of the American Burn Association's Research Committee, and has been re-appointed to that association's Burn Science Advisory Panel, which oversees US

Department of Defense-funded burn research studies with total funding of more than \$ 21 million USD. Dr. Jeschke also received awards as One of the top 10 leaders in burn research and treatment in the world by Expertscape, and for Best doctor in Toronto, by Toronto Life Magazine.

Research productivity continued to be strong over the 2014-2015 academic year. The group published 30 peer-reviewed papers, and had 20 podium or poster presentations at the annual American Burn Association meeting in Chicago, five presentations at the Shock Society meeting, two presentations at the Surgical Infection Society meeting, and two presentations at the Canadian Society of Plastic Surgeons Meeting. Prominently featured among the poster and podium presentations were medical students and post-grad students supervised and mentored by RTBC staff surgeons. **Stefanio Spano (Dr. Cartotto)** won the American Burn Association's Carl A. Moyer Award, while ABA best in category poster awards were won by **Saeid Amini Nik (Dr. Jeschke)**, **Sarah Rehou (Dr. Jeschke)**, and **Steven Hanna (Dr. Cartotto)**. Finally, the RTBC once again hosted the 2nd Annual Canadian Burn Symposium, along with keynote speaker **Dr. Steven Wolf** from the University of Texas Medical Branch. Dr. Wolf is one of the world's leading authorities on burn care and he is the Editor-in-Chief of the international journal, Burns. The event was attended by over 200 registrants.



**Dr. Manuel Dibildox**

After four years as a staff surgeon at the RTBC, **Dr. Manuel Dibildox** will be leaving to pursue residency training in plastic and reconstructive surgery at the Mayo Clinic. The RTBC wishes Manuel all the best in his upcoming training and future career plans.



## ROSS TILLEY BURN CENTRE

## Fellow Update

**Dr. Maher Alderab**

**Dr. Maher Aldehab** completed his one year burn fellowship in July and will be returning to a plastic surgery and burns practice in Riyadh, Saudi Arabia.

**Dr. Alan Rogers**

Meanwhile, our other burn fellow, **Dr. Alan Rogers**, has been successfully recruited to start as a new staff surgeon here in the RTBC and as an Assistant Professor in the Department of Surgery. Dr. Rogers is a Plastic Surgeon from Capetown, South Africa, who previously trained in Plastic Surgery at East Grinstead in the UK, (well known to Dr. Tilley!) prior to his burn fellowship here. Dr. Rogers is the Vice President of the South African Burn Society, and he has been instrumental in efforts to establish the first ever skin bank in his native South Africa. We are delighted he is joining the group and we welcome both him and his wife Catherine, and their children, Alexandra and Caroline to Toronto.

**Dr. Ann McKenna**

Finally, the RTBC welcomes our new burn fellow, **Dr. Ann McKenna**, who is a trained plastic surgeon from Ireland who plans to sub-specialize in total burn care.

## ROSS TILLEY BURN CENTRE

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## ROSS TILLEY BURN CENTRE

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ST. JOSEPH'S HEALTH CENTRE

## ST. JOSEPH'S HEALTH CENTRE

**Dr. Craig Fielding**

**It has been another busy year at St Joseph's Health Centre, with many 3rd and 4th year medical students, as well as wonderful residents. We continue to provide services and education in the main operating room, minor surgery, and Out-patient clinics.**

**Kyle Wanzel** has been very active in teaching, both at the medical student and resident levels. He has spoken to the Plastic Surgery Interest Group this spring, and ran the Surgical Exploration and Discovery (SEAD) program on behalf of our division, involving OR exposure for students interested in Plastic Surgery. He organized and ran the PGY 1 Prep Camp from July 20-24 this year, and participated in a surgical skills session on suturing, z-plasty, tendon repair and micro surgery.

**Craig Fielding** continues as Division Head at St Joseph's, and has as well led four sessions on Medical Ethics/ Professionalism during the Monday morning teaching series. He participated in a Surgical skills session on basic suturing and dissection, and presented his approach to the management of Gynecomastia at the U of T Aesthetic Symposium. He is a member of the PGME Internal Review Committee which oversees all the training programs in the university.

**Ron Levine** is the Director of Postgraduate Surgical Education, and continues to be heavily committed to education at all levels. It is noteworthy that a member of our Division holds this prestigious and demanding position.

**Leila Kasrai** has also been involved in teaching of our residents, and overseeing medical students visiting St Joseph's, providing her own excellent approach to teaching.



One sad note, however. On August 19, 2014, our dear friend and colleague **Robert Knowlton** passed away after a brief illness. Robert was on staff at St. Joseph's for his entire career. He was always a kind and caring man, who dedicated his life to his family and his practice. He had a great life, and left his unique imprint on many of us. It was an honour to know you, and work with you, Robert.

# ST. MICHAEL'S HOSPITAL



## ST. MICHAEL'S HOSPITAL



**Dr. Jim Mahoney**

### **A lot is happening at St. Michael's Hospital and in our Plastic Surgical Division!**

St. Michael's is embarking on an ambitious redevelopment project to transform patient care. At the corner of Queen and Victoria construction is now underway for the building of a 17 story patient care tower. The expansion will involve areas of Critical Care, Emergency Department and patient care areas. In addition, we are building 7 new operating rooms. They will have the capacity to provide state of the art imaging, as well as develop new innovative techniques in surgery.

Surgical supportive services including our pre-admission facility, recovery and expansion adjunctive anesthetic techniques, especially regional blocks are being also included. We are anticipating completion in 2019. During this transformation there will of course be disruptions However, further developing our potential is exciting.

We are all experiencing a tightening of resources which will impact different aspects of our clinical activity. We are undergoing an operational review the operating room which will change our practice. Balancing efficiency, case mix, length of time to do a case with our quality initiative as well as teaching is being carefully considered. There will be lessons which we will be sharing as this proceeds.

An increase in the plastic surgical staff at St. Michael's is progressing smoothly and more details will be forthcoming in the next newsletter. This will give us three full time active plastic surgical staff. Additional recruitment is also in the planning stages. With the teaching program, we are moving forward in the development of the CanMeds goals and competency objectives. We are identifying several areas of emphasis at the Hospital in Plastic Surgery including maxillofacial, wound, breast and hand. The close collaboration with the Trauma team, Orthopedics and Neurosurgery in the care of traumatic injuries continues to be an important part of our activity which will be further developed. Our wound program which is multidisciplinary is in the process of being refocused with an even stronger academic purpose. New energy coming from new recruits in surgery as well as in allied health will continue to make this a very strong program.

Our research in wound care and management continues to be a focus. Validating a sensitive and usable wound measurement outcome measurement system to monitor and document wounds is one of the priorities. We have received an innovation grant to look into this question. Another research initiative has been the development of a patient oriented assessment tool for wound infection. This will be moving forward with a more public launch shortly.

**Dr. James Mahoney** received the Squires Hyland Trust Award in April 2015. The award assists senior physicians as they continue to teach new generations in pursuit of medical excellence. A highlight for Dr. James Mahoney was his invitation to Saudi Arabia where he was a visiting professor. It was great seeing his previous Fellows from Saudi Arabia as well as Residents many of whom are now working in Riyadh. Please note in the photograph the traditional Saudi Arabian dress versus the more traditional exhibited by the visitor and Amir Alkudmani (our recent resident).



## ST. MICHAEL'S HOSPITAL

## Fellow Update

**Dr. Nawaf Alotaibi**

I want to thank **Dr. Nawaf Alotaibi** our fellow who has now returned to Saudi Arabia. He was an important part of our division for the past year - an excellent teacher contributing to research in plastic surgery. He will pursue an academic position in Riyadh, Saudi Arabia.

**Dr. Mark McRae**

**Dr. Mark McRae** has joined the division as a clinical associate on July 1, 2015. He recently completed the craniofacial fellowship at Sunnybrook. We are very excited to have him join our team.

**Dr. Mohammad Alrowaili**

Our fellow July 2015-16 is **Dr. Mohammad Sahood Alrowaili** from Riyadh Saudi Arabia. He completed his residency in plastic surgery in Riyadh Saudi Arabia and has been working as a plastic surgical specialist at the King Khaled General Hospital in Riyadh. He will be under the supervision of Dr. James Mahoney. We are looking forward to his arrival in early August.

# SUNNYBROOK HEALTH SCIENCES CENTRE

## SUNNYBROOK HEALTH SCIENCES CENTRE



**Dr. Paul Binhammer**

**Sunnybrook is always fortunate to have great fellows. This year we have been thrilled to have with us Dr. Veele D'hondt and Dr. Mark McRae.**

**Dr. Veerle D'hondt**, our fellow from Belgium since October 2015, has enjoyed her fellowship at Sunnybrook Plastic Surgery division. She has recently taken a lead role in the "Pink Glove competition" and has created the choreography for a team dance. She has travelled throughout Ontario and has enjoyed the breathing taking views of our rugged lakes and rivers and enjoyed a visit to the Bruce Peninsula. She has summed up her stay with us as "An amazing and dynamic experience, both professionally and personally. Toronto is certainly a city of diversity and open atmosphere." Upon her return to Belgium, she will continue her Plastics work in reconstructive surgery and we wish her every success. Thanks, Veerle, for enhancing our lives.



**Dr. Veerle D'hondt**

**Dr. Mark McRae** returned to his home town of Toronto for this fellowship. He has enjoyed the learning environment and being spoiled by his Mom's home cooking. Mark was able to take advantage of opportunities in clinical research, the most productive project being a study in functional enophthalmos outcomes. He began work towards a Master's of Education degree. A highlight of the year came with a trip to the Ukraine with Dr. Antonyshyn. They collaborated with local surgeons to reconstruct post-traumatic highenergy craniofacial and extremity injuries. Mark will begin as a Clinical Associate at St. Michael's Hospital this year, following in the footsteps of his grandfather that was a physician there many years ago. He is excited by the challenges and opportunities that are before him. It has been a very busy year of travel for the staff surgeons at Sunnybrook.



Dr. McRae with Dr. Tara Stewart and the Canadian Ambassador to the Ukraine

## SUNNYBROOK HEALTH SCIENCES CENTRE



**Dr. Fialkov** was an invited lecturer at the Israel Society of Plastic and Aesthetic Surgery for their 40th Annual Meeting in Tel Aviv, Israel in November 2014. He was also an invited lecturer for the 49th Annual Meeting of the Association des spécialistes en chirurgie plastique et esthétique du Québec in February 2015 in Mount Tremblant, Quebec. He continues to work on craniofacial biomechanics and has filed for a patent related to a unique method of bone stabilization.

### Dr. Jeff Fialkov

**Dr. Antonyshyn** travelled multiple times this year to the Ukraine. This included two well-recognized trips where he led a team to perform surgery and provide education, see the attached picture. He received two funding from Foreign Affairs, Trade and Development Canada. He travelled to the Czech Republic as an Invited Lecturer to the AOCMF 2ndClinic Priority Program Conference. He was also the Invited Speaker at the Royal Australasian College of Surgeons, 84th Annual Scientific Congress in Perth Australia. He also received a patent for a method of forming patient-specific implants.





**William Robert Ford**

**Dr. Laura Snell** has been working on a unique education project involving tablets and learning breast reconstructive surgery. Laura and Dr. Derek Ford welcomed their third son, William Robert Ford, to the world on March 10, 2015. Now they have the makings of the a hockey line with three children!



**Dr. Glykeria Martou**

**Dr. Glykeria Martou** has joined the Sunnybrook team once again. She started her locum in March, replacing Dr. Snell. In 2012, she replaced both Drs. Lipa and Snell during the year of the opening of the Luise Temerty Breast Center and focused her very busy practice on breast reconstruction. She was the first fellow to complete a combined Craniofacial and Microsurgical Reconstruction fellowship at Sunnybrook in 2011 and she is putting her range of skills into action once again. We are extremely appreciative of her stepping up and being a great teamplayer.



**Dr. Paul Binhammer**

**Dr. Paul Binhammer** has been travelling as Chair for the AO North American Hand Education Committee. Through this appointment he has been trying to raise the bar of AO Trauma seminars for Hand and Wrist Fracture Management held throughout North America.





Dr. Lipa at Stanford University, Baylor College of Medicine and MD Anderson

**Dr. Joan Lipa** was appointed Senior Examiner for the American Board of Plastic Surgery. She was a visiting professor for The Plastic Surgery Foundation. She travelled to multiple cities and multiple sites within those cities including University of Texas Medical Branch in February and Cleveland Clinic in April. In May she went to Stanford University, Baylor College of Medicine and MD Anderson. Dr. Lipa was also designated the inaugural Women Plastic Surgeons Visiting Professor with a goal to provide mentorship and insight to female residents and students.

# TORONTO EAST GENERAL HOSPITAL

## TORONTO EAST GENERAL HOSPITAL



**Dr. Linda Dvali**

**We have had an amazing year at the Toronto East General Hospital (TEGH).**

### Renovation Update

TEGH is busy moving forward with its complete renovation. It promises to be a world-class facility armed to continue to provide exemplary community care. At a recent TEGH staff appreciation dinner, **Bill Wescott**, a Canadian icon in ragtime and blues piano performed 'A Room with a View' (Noel Coward) with **Dr. Laura Tate** to commemorate the new building.



## Laughter is the Best Medicine II Rocked the House and Raised \$2.5 Million for Toronto East General Hospital

A packed house of nearly 1,500 enjoyed a sensational evening at the Allstream Centre on Saturday, September 27th, at Toronto East General Hospital Foundation's second comedy gala, Laughter is the Best Medicine II. BMO Financial Group returned as the Presented Sponsor. Toronto's own actor, **Will Arnett** of *Up All Night* and *Arrested Development* fame, hosted the evening and generously donated his time and talent to emcee the event. Top comedy talent **Mario Joyner** opened the evening, setting the stage for the humour of edgy comedic icon **Chris Rock**.



## Grand Slam a Home-Run for Mental Health Services

Our inaugural celebrity baseball tournament, Grand Slam 2015, hit it out of the ball park for our patients and their families. This was a fantastic opportunity for philanthropic fans to meet and take to the field with the likes of **Roberto Alomar**, **Jesse Barfield**, **Mookie Wilson**, **Jose Canseco** and numerous other star players – all while raising money to support and expand vital programs for people struggling with mental illness.

Dr Laura Tate's fundraising techniques were innovative, fun and successful. She displayed her own art in her waiting room and sold it for donations. Additionally she sold "Cricket Cookies" outside of her new Cricket Camping Trailer.

## TORONTO EAST GENERAL HOSPITAL



### Annual Golf Classic – Teeing off for Patient Care

Thanks to a wonderful group of golfers, sponsors and volunteers, our 21st Annual Golf Classic, Presented by BMO Financial Group – was held at the Scarborough Golf & Country Club on June 8. It was another resounding success. We raised more than \$210,000 in net revenue for priority needs to enhance patient care at Toronto East General Hospital.

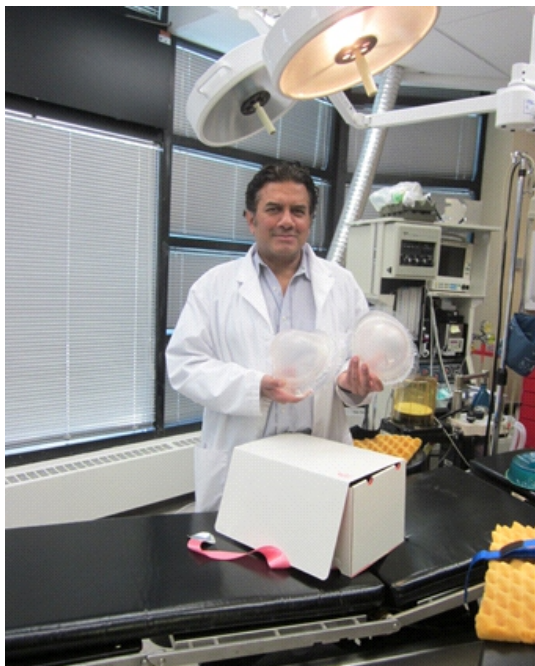
## Physician Activities



### Dr. Brett Beber

Dr. Beber participated in the annual BRA day acting as the medical information session coordinator. He also gave a talk on nipple reconstruction.

Dr. Brett Beber and Dr. Toni Zhong welcomed Robbie's sister, Stella.



### Dr. Atul Kesarwani

Dr. Kesarwani continues to be very happy with the success of primary breast augmentation with fat transfer aided with the BRAVA external breast expander. He recently completed his involvement as a co-investigator in:

Principal Investigator: Dr. Roger Khouri  
 Study Site: Kesarwani, MD Toronto, Canada  
 Study start date: 01/29/10  
 Protocol 2004-03: Breast Reconstruction and Augmentation with the Brava Enhanced Autologous Fat Micro Grafting

## TORONTO EAST GENERAL HOSPITAL

Atul, like Laura, is very artistic and has some of his recent paintings hanging in his office. Atul's and his wife Nyma have three children: Priya is starting her 4th year as an ENT resident in Rochester ,NY; Rohit who is getting married this summer in St. Louis is a 2nd year neurosurgery resident in Edmonton; and Vivek, their youngest, has just moved to Manhattan where he is starting to work as a software engineer with Google.



### Dr. Laura Tate

Laura was honoured for 25 years of service this year at the annual Staff Appreciation dinner in June – congrats, Laura!



Laura's daughter Rachel is in her second year of medical school in Adelaide, Australia. Laura had the opportunity recently to visit her daughter and explore New Zealand.

In addition to her office art, Laura has been busy fundraising for several amazing causes including an Easter Egg sale for the TEGH foundation and the Ride to Conquer Cancer.



**Dr. Linda Dvali**

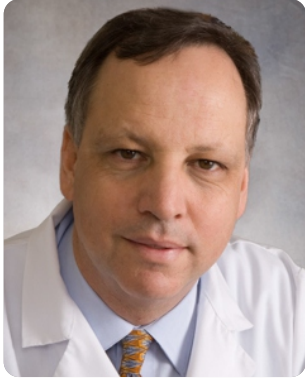
Dr. Dvali participated in the Victoria Hand and Wrist Fracture Management workshop sponsored by the AO Foundation. Dr. Paul Binhammer organized this comprehensive workshop just ahead of the Canadian Society of Plastic Surgery Meeting in Victoria. She also presented one of the Canadian Expert talks at the Canadian Meeting on Peripheral Nerve Transfers.

Linda recently celebrated 50 years on this planet with two amazing surprise parties, one in Las Vegas with Greg Farano, her mom and siblings; the other at the Royal Canadian Yacht Club (RCYC) with close friends and family... thanks to Drs. Musgrave, Lipa and Novak for helping to soften the blow...





TRILLIUM HEALTH CENTRE



**Dr. Michael Weinberg**

**Trillium Health Partners is the association of three hospitals: Queensway Health Clinic, Mississauga Hospital, and the Credit Valley Hospital that incorporates 1,233 total inpatient beds and 266,847 emergency visits annually in the last fiscal year.**

Trillium Health Partners serves the Mississauga Academy of Medicine and its current 54 medical students, as well as, accepting residents from all programs in medicine and surgery.

Trillium Health Partners Division of Plastic Surgery staff currently includes **Dr. M. Weinberg**, Division Chief, **Dr. Z. Margaliot**, **Dr. C. Goldberg**, **Dr. F. Lista**, and **Dr. MTM Rebot**. Our Plastic Surgery Division was invited to be involved with the University of Toronto's teaching faculty in 2010 and has provided an all encompassing individualistic learning experience for surgical residents and medical students. In combination with the seven elective operative days and the Plastic Surgical outpatient clinic's more than 15,000 annual patient visits, trainees experience all aspects of Plastic and Reconstructive Surgery, from primary to tertiary care, in upper extremity, craniofacial, reconstructive and cosmetic surgery.

In the last academic year, the Trillium Health Partners, Plastic Surgery Division had 2 members, Dr. Michael Weinberg and Dr. Frank Lista, promoted to Assistant Professors for their commitment to the educational process within the University.

**Dr. Michael Weinberg's** focus has been on establishing an innovative teaching and learning experience for trainees and students, not only at Trillium, but also providing philanthropic support for medical trainees in Africa. He was recently honored with a teaching award from the Mississauga Academy of Medicine.

**Dr. Frank Lista** has been an ambassador for Trillium Health Partners and the University in his role as a highly sought speaker at meetings that included the ASAPPS meeting in Montreal, Brazilian Plastic Surgery Society and pending national meetings in Istanbul and London. He won the award for Best Moderator at the San Francisco meeting in 2014.

## TRILLIUM HEALTH CENTRE

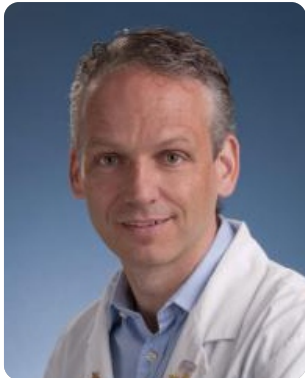
Trillium Health Partners, Plastic Surgery Division members will continue to focus and take pride in providing a cutting edge learning experience for future Plastic Surgeons and medical trainees.



**Dr. Michael Weinberg** receiving Mississauga Academy of Medicine Excellence in Teaching Award

UNIVERSITY HEALTH NETWORK (UHN)  
TORONTO GENERAL HOSPITAL

## UNIVERSITY HEALTH NETWORK (UHN) – TORONTO GENERAL HOSPITAL

**Dr. Stefan Hofer****Recruitment and New Initiatives**

We continue to grow the Breast Reconstruction Program with our clinical nurse coordinator Agnes Wisniewski who, with Toni Zhong, attended the National Accreditation Program for Breast Centers (NAPBC) in Denver in preparation to apply to become an NAPBC-accredited program.

We have now three full time research coordinators as well as a full time program Statistician who are involved in numerous clinical trials and research projects including resident, fellow and staff surgeon projects.

We have partnered with the Techna Institute for the Advancement of Technology for Health project management staff to implement the DADOS platform for our prospective Breast Reconstruction and Breast Surgery Outcomes database.

We have ongoing collaboration with Lamb Creative Group to redesign our program website and program booklet branding.

**Stella Beber**

**Toni Zhong, Brett & Robbi Beber** are overjoyed to welcome baby Stella to their wonderful family.

**Amanda Roberts** is proud to announce the birth of her first baby boy in December 2014.

## Educational and Awareness Events

**Dr. Anne O'Neill** was a guest speaker at the Annual Breast Reconstruction Awareness (BRA) Day which was held in October 15, 2014 at the Centre for the Arts, St. Michael's College School. The event was co-hosted by the Willow Breast Cancer Support Group.

**Dr. Stefan Hofer** co-organized the Wharton Research Day at the Princess Margaret Hospital Cancer Centre.

**Dr. Toni Zhong** was the Keynote Speaker for Surgical Grand Rounds talk entitled 'From Breast Health, to Population Health, to Global Health' in the Sprott Department of Surgery at the Toronto Western Hospital on Apr 11, 2014.

Dr. Zhong was also invited to speak at these events:

"The State of Breast Reconstruction in Ontario: Where we have been, where we are now, and where we are headed?" at the Markham-Stouffville Hospital / Central LHIN, Annual Breast Educational Dinner on Sep 25, 2014.

"How to talk about Breast Reconstruction" at the Primary Care Integration Event / Partners in Care: An Evening of Surgical Exploration for Primary Care Physicians: What to do about lumps, bumps, and more! UHN Princess Margaret Cancer Centre on Oct 22, 2014.

University of Toronto Resident Research Day was held on February 20th, 2015 at the Peter Gilgan Centre for Research and Learning, Hospital for Sick Children. Blake Murphy won the Mentor Canada, Best Clinical Paper Award for his presentation entitled "Validating the ACS-NSQIP Risk Calculator in Alloplastic Breast Reconstruction" under supervision of Dr. Anne O'Neill.

**Dr. Zhong and Natalie Causarano** successfully completed the Scientist Knowledge Translation Training Program at Sick Kids Hospital.

Dr. Zhong was an invited panelist at the Canadian Breast Cancer Foundation Community Celebration Event on April 19th, 2015. Leading Innovations in Breast Cancer Research: CBCF Researcher Panel of CBCF-funded researchers described how their breast cancer research is making a real difference.



From left to right: Moderator Susan Enns, Dr. David Ma, Dr. Michael Reedijk, Dr. Jean Gariepy, and Dr. Toni Zhong

## UNIVERSITY HEALTH NETWORK (UHN) – TORONTO GENERAL HOSPITAL

### 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.

2014 Sep - 2015 Aug Co-Principal Investigator. Using a Novel Quality Metric Approach to Examine the Healthcare Utilization of Post- Mastectomy Breast Reconstruction: A Population-based Study. Physicians Services Inc. Foundation. Health Research Grant. PI: Roberts, Amanda. Collaborator(s): Baxter, Nancy. 74,000 CAD. [Grants]

2014 Jul - 2015 Jun Co-Investigator. Nipple Delay Prior to Nipple Sparing Mastectomy: A Pilot RCT. Plastic Surgery Educational Foundation. Pilot Research and PSRC Combined Pilot Research. 312846. PI: Platt, Jennica. Collaborator(s): Zhong, Toni, Hofer, Stefan OP, Cil, Tulin. 10,000 USD. [Grants]

04/01/2015- 03/31/2016 Measuring Low Frequency Genetic Markers for Cancer Management S. Narod K. Metcalfe M. Akbari J. Kotsopoulos Canada Foundation for Innovation (Innovation Fund) \$2,400,000

10/2014-09/2017 Cancer Prevention in Women with a BRCA1 or BRCA2

Mutation: A Follow-up Genetic Counselling Telephone Intervention (PREVENT Trial) K. Metcalfe, C.L. Dennis, A. Finch, J. Kotsopoulos, B. Rosen, S. Narod. Canadian Institutes of Health Research. \$597,049

10/2014 – 09/2019 Towards better outcomes for young women with breast cancer: A Pan-Canadian Collaborative Program PI's: Narod SA (PI) Quan ML (Co-PI), Sub-Project PI's Metcalfe K, Friedenreich C, Warner E, Baxter N, Simunovic M, Tyldesley S, Akbari M, Olivotto I, Porter G, Brockton N, Cotterchio M, Boucher B, Knight J, Giese-Davis J, Kennedy E, Sutradhar R, Cao J, Lemieux J, Winget M, Fergus K, Kotsopoulos J, Courneya K, Fong S, Glass K, Latosinsky S, Russell C. Canadian Breast Cancer Foundation/ Canadian Institutes of Health Research. Total Program \$5,995,563, Metcalfe Sub-project: \$530,009

06/2014-05/2016 Prevention and Personalized Treatment in Hereditary Cancer. S. Narod, K. Metcalfe, A. Akbari. Canadian Foundation for Innovation (CFI). \$400,000

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.

2015 Feb – 2016 Jan Co-Investigator. Distal Radius Fracture Care in the

Province of Ontario: Factors Impacting Management. Physicians Services Incorporated Foundation (The) (PSI). Resident Grant. PI: Kathleen Armstrong. Collaborator(s): Nancy Baxter, Steve McCabe, Toni Zhong, Herb Von Schroeder.

18,500 CAD. [Grants] This study examine patterns in care of distal radius fractures occurrence and management in the Province of Ontario over a ten-year period (2004-2013).

## Appointments, Awards, Promotions

Dr. Stefan Hofer successfully completed the IRONMAN Asia Pacific Championship Race in Melbourne, Australia in March 2015.

Dr. Toni Zhong was promoted as an Associate Professor in the Department of Surgery at the University of Toronto.

Dr. Toni Zhong was appointed as an Associate Professor Faculty Member of the Institute for Health Policy, Management and Evaluation (IHPME) at the University of Toronto.

Dr. Toni Zhong was appointed as an Adjunct Scientist to the Institute for Clinical Evaluative Sciences (ICES) Central Region, Sunnybrook Health Sciences Centre.

Dr. Zhong was selected for the Stage 2 CIHR Foundation Scheme Live Pilot – New Investigator Award 2014 – 2015.

Dr. Blake Murphy was awarded the Mentor Canada Best Clinical Paper Award at the Resident Research Day on February 20th,

2015 and was nominated for the Thomson Humanitarian Award for 2015.

Dr. Siba Haykal was nominated for the Shafie S. Fazel Outstanding Resident Surgeon and Investigator Award for 2015.

Dr. O'Neill was the visiting Professor for the Irish Association of Plastic Surgeons.

Plastic Surgery Resident Dr. Jiayi Hu supervised by Dr. Zhong won the Best Clinical Resident Research Paper entitled: Decision Regret following Breast Reconstruction: The Role of Self-Efficacy and Satisfaction with Information in the Preoperative Period at the American Society for Reconstructive Microsurgery Annual Meeting in Kauai, Hawaii on May 8, 2014.



## UNIVERSITY HEALTH NETWORK (UHN) – TORONTO GENERAL HOSPITAL

### International Presentations

Division Staff, Residents and Fellows presented at the following International Meetings: The American Society of Clinical Oncology (1); The American Society for Reconstructive Microsurgery meeting in Atlantis, Paradise Island, Bahamas (4); The Plastic Surgery Research Council meeting in New York (2); The American Society of Plastic Surgeons Annual meeting in Chicago (4); and the American Association of Plastic Surgeons meeting in Miami (2); and The World Congress on Breast Healthcare (1).

### International Invited Lectures and Presentations

Division Staff were invited speakers at the following International Meetings: The European Society of Plastic and Aesthetic Surgery Meeting in Edinburgh in July 2014; 1st London Breast Meeting in London, UK in September 2014; The British Association of Plastic Reconstructive and Aesthetic Winter Scientific Meeting in London, UK in Nov 2014; The 4th Congress of the World Association for Plastic Surgeons of Chinese Descent, Hong Kong, China in November 2014; and the 3rd International Breast Symposium in Dusseldorf in April 2015.

### 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 2014 – 15 academic year, division members have published [23] peer-reviewed papers (listed on the previous pages), presented [26] scientific papers and participated in a total of [32] invited lectures.

## Fellows

We would like to thank **Dr. Saad Al-Qahtani**, **Dr. Marina Barandun** and **Dr. Elizabeth Kappos** who successfully completed the Microsurgical Fellowship Program. Dr Al-Qahtani has accepted a position as a staff Plastic Surgeon in the Surgical Specialties Department at King Fahd Medical City in Riyadh, Saudi Arabia. Dr.'s Barandun and Kappos have both returned to the University Hospital Basel, Switzerland.

**Drs. Leigh Jansen** and **Sandhya Deo** who successfully completed the Breast Reconstruction Surgery Fellowship Program in 2014 – 15. Dr. Jansen has returned to Western Canada and Dr. Deo will be starting a Hand Surgery Fellowship at the Toronto Western Hospital in January 2016.

**Dr. Amanda Roberts** continues in her second year of a clinical and research fellowship in Breast Surgery with Dr. Toni Zhong supervising on her project entitled Using a Novel Quality Metric Approach to Examine the Healthcare Utilization of Post-Mastectomy Breast Reconstruction: A Population-based Study.

We would like to welcome **Dr. Tanya DeLyzer** who graduated from Western University Canada, Schulich School of Medicine and Dentistry in London, Ontario. She will be working at the University Health Network for the next 6 months in the UHN Breast Reconstruction Program under the supervision of Dr. Toni Zhong.

We would also like to welcome two new Microsurgical Fellows: **Dr. Marika Kuuskeri** who graduated from Hameenlinna, Finland and **Dr. Tassi Halka** who graduated from the University of Manchester, UK, both will be working under the supervision of Dr. Stefan Hofer for the next 12 months in the Division of Plastic and Reconstructive Surgery at the University Health Network.



**Tanya DeLyzer**



**Marika Kuuskeri**



**Anastassi Halka**

## UNIVERSITY HEALTH NETWORK (UHN) – TORONTO GENERAL HOSPITAL

**Journal Articles 2014 – 2015**

Geographic Variation Immediate and Delayed Breast Reconstruction Utilization in Ontario, Canada and Plastic Surgeon Availability: A Population-Based Observational Study. Platt J, Zhong T, Moineddin R, Booth GL, Easson AM, Fernandes K, Gozdyra P, Baxter NN. *World J Surg*. 2015 Apr 21. [Epub ahead of print]

Facial Nerve Reconstruction and Facial Disfigurement after Radical Parotidectomy. Yla-Kotola T, Goldstein DP, Hofer SO, Patel SN, Brown DH, Irish JC, Gullane PJ, Gilbert R. *J Reconstr Microsurg*. 2015 Mar 13. [Epub ahead of print]

Patient-reported outcome measures in reconstructive breast surgery: is there a role for generic measures? Korus LJ, Cypel T, Zhong T, Wu AW. *Plast Reconstr Surg*. 2015 Mar;135 (3):479e-90e.

Reply Letter for PRS-D-14-02287 "Transversus Abdominis Plane Block Reduces Morphine Consumption in the Early Postoperative Period following Microsurgical Abdominal Tissue Breast Reconstruction: A Double-Blind, Placebo-Controlled, Randomized Trial" Zhong T, Novak CB, Hofer SO. *Plast Reconstr Surg*. 2015 Feb 16. [Epub ahead of print]

Systematic Review: Aesthetic Assessment of Breast Reconstruction Outcomes by Healthcare Professionals. Maass SW,

Bagher S, Hofer SO, Baxter NN, Zhong T. *Ann Surg Oncol*. 2015 Feb 18. [Epub ahead of print]

A single pre-operative antibiotic dose is as effective as continued antibiotic prophylaxis in implant-based breast reconstruction: A matched cohort study. Townley WA, Baluch N, Bagher S, Maass SW, O'Neill A, Zhong T, Hofer SO. *J Plast Reconstr Aesthet Surg*. 2015 Feb 7. pii: S1748-6815(15)00024-8. doi: 10.1016/j.bjps.2014.12.041. [Epub ahead of print]

Psychometrics: Essential for Valid, Reliable, and Responsive Measurement in the Development of Patient-reported Outcome Instruments in Plastic Surgery. Panchapakesan V, Zhong T, Forrest CR, Pusic AL, Thoma A. *Plast Reconstr Surg Glob Open*. 2015 Jan 8;2(12):e280. doi: 10.1097/GOX.0000000000000197. eCollection 2014 Dec. No abstract available.

A prospective study of mastectomy patients with and without delayed breast reconstruction: long-term psychosocial functioning in the breast cancer survivorship period. Metcalfe KA, Zhong T, Narod SA, Quan ML, Holloway C, Hofer S, Bagher S, Semple J. *J Surg Oncol*. 2015 Mar;111(3):258-64. doi: 10.1002/jso.23829. Epub 2014 Dec 29.

Pre-consultation educational group

intervention to improve shared decision-making for postmastectomy breast reconstruction: a pilot randomized controlled trial. Causarano N, Platt J, Baxter NN, Bagher S, Jones JM, Metcalfe KA, Hofer SO, O'Neill AC, Cheng T, Starenkyj E, Zhong T. *Support Care Cancer*. 2015 May;23(5):1365-75.

Transversus abdominis plane block reduces morphine consumption in the early postoperative period following microsurgical abdominal tissue breast reconstruction: a double-blind, placebo-controlled, randomized trial. Zhong T, Ojha M, Bagher S, Butler K, Srinivas C, McCluskey SA, Clarke H, O'Neill AC, Novak CB, Hofer SO. *Plast Reconstr Surg*. 2014 Nov;134(5):870-8.

Barriers to immediate breast reconstruction in the Canadian universal health care system. Zhong T, Fernandes KA, Saskin R, Sutradhar R, Platt J, Beber BA, Novak CB, McCreedy DR, Hofer SO, Irish JC, Baxter NN. *J Clin Oncol*. 2014 Jul 10;32(20):2133-41. doi: 0.1200/JCO.2013.53.0774. Epub 2014 Jun 2.

A decision-making algorithm for recipient vein selection in bipedicle deep inferior epigastric artery perforator flap autologous breast reconstruction. O'Neill AC, Ngan NC, Platt J, Mahomed A, Zhong T, Hofer SO. *J Plast Reconstr Aesthet Surg*. 2014 Aug;67(8):1089-93.

Advances in tracheal reconstruction. Haykal S, Salna M, Waddell TK, Hofer SO. *Plast Reconstr Surg Glob Open*. 2014 Aug

7;2(7):e178. doi: 10.1097/GOX.0000000000000097. eCollection 2014 Jul.

Fan, L., Sidani, S., Cooper-Brathwaite, A., & Metcalfe, K. (2014). Improving Foot Self-Care Knowledge, Self-Efficacy, and Behaviors in Patients With type 2 Diabetes at Low Risk for Foot Ulceration: A Pilot Study. *Clinical Nursing Research*, July 3 [Epub ahead of print]. <http://www.ncbi.nlm.nih.gov/pubmed/23823459>. (CA; IF=0.86)

Finch, A., Lubinski, J., Moller, P., Maehle, L., Singer, C., Senter, L., Rosen, B., Karlan, B., Ghadirian, P., Cybulski, C., Eisen, A., Foulkes, W., Kim-Sing, C., Ainsworth, P., Tung, N., Lynch, H., Neuhausen, S., Metcalfe, K., Thompson, I., Murphy, J., Sun, P., Narod, S. and the Hereditary Ovarian Cancer Clinical Study Group. (2014). The Impact of Oophorectomy on Cancer Incidence and Mortality in Women who carry a BRCA1 or BRCA2 Mutation, *Journal of Clinical Oncology*. <http://www.ncbi.nlm.nih.gov/pubmed/24567435> (CA; IF=18.0)

Baltzer, H. L., Alonzo, O., Mainprize, J.G. Yaffe, M., Metcalfe, K., Narod, S., Warner, E., & Semple, J.L. (2014) MRI Volumetric Analysis of Breast Fibroglandular Tissue to Assess Risk of the Spared Nipple in BRCA1 and BRCA2 Mutation Carriers, *Annals of Surgical Oncology*. <http://www.ncbi.nlm.nih.gov/pubmed/24526546> (CA; IF=4.12)

McGillion MH, Carroll SL, Metcalfe K,

## UNIVERSITY HEALTH NETWORK (UHN) – TORONTO GENERAL HOSPITAL

**Continued:  
Journal Articles 2014 – 2015**

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<http://www.ncbi.nlm.nih.gov/pubmed/24920518> (CA; IF=3.15)

Fan, L., Sidani, S., Cooper-Brathwaite, A., & Metcalfe, K.(2014). Effects of a foot self-care educational intervention on improving footwear choices in those with type 2 diabetes at low risk of foot ulceration. *Diabetic Foot Canada* 2 (2), 4-12. (CA)

Gronwald J, Robidoux A, Kim-Sing C, Tung N, Lynch HT, Foulkes WD, Manoukian S, Ainsworth P, Neuhausen SL, Demsky R, Eisen A, Singer CF, Saal H, Senter L, Eng C, Weitzel J, Moller P, Gilchrist DM, Olopade O, Ginsburg O, Sun P, Huzarski T, Lubinski J, Narod SA; Hereditary Breast Cancer Clinical Study Group (including Metcalfe, K.). (2014). Duration of tamoxifen use and the risk of contralateral breast cancer in BRCA1 and BRCA2 mutation carriers. *Breast Cancer Research and Treatment*. 146(2):421-7.  
<http://www.ncbi.nlm.nih.gov/pubmed/24951267> (MA; IF=4.27)

Semple, J., Sharpe, S., Murnahagn, M.L., Theodoropoulos, J., & Metcalfe, K. (2015). Smart Phone Technology for Monitoring Post Operative Quality of Recovery of Patients at Home: A Feasibility Study. *Journal of Medical Internet Research*, (SA; IF=5.72)

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Snyder, C., Metcalfe, K., Sopik, V., Royer, R., Zhang, S., Narod, S., Akbari, M., Lynch, H. (2015) Prevalence of PALB2 Mutations in the Creighton University Breast Cancer Family Registry. *Breast Cancer Research and Treatment*.(SA; IF=4.27)

Metcalfe, K., Gershman, S., Ghadirian, P., Foulkes, WD., Lynch, H., Tung, N., Kim-Sing, C., Olopade, O.I., Eisen, A., Rosen, B., Sun, P., & Narod, S.A. (2014). The Impact of Oophorectomy on Survival after Breast Cancer in BRCA1 and BRCA2 Mutation Carriers. *JAMA Oncology*. PA

UNIVERSITY HEALTH NETWORK (UHN)  
TORONTO WESTERN HOSPITAL,  
HAND PROGRAM

## TORONTO WESTERN HOSPITAL, HAND PROGRAM



**Dr. Steve McCabe**

**This is an exciting time at the Toronto Western Hospital and the Hand Program.**

**Dr. Brent Graham** has been appointed as the Editor in Chief of The Journal of Hand Surgery. This is the most prestigious journal in Hand Surgery and given the tenure of the editor, this position is likely the most influential position in Hand Surgery in the world. We are very proud of Dr. Graham for this achievement and look forward to working with him in the future in this new venture.

**Dr. Anastakis** has completed his tenure as the Vice Dean of Continuing Professional Development. He continues to be actively involved with academic activities in the University and maintains his clinical practice with a special interest in peripheral nerve disorders.

Congratulations to **Dr. Christine Novak** who was successful in her third year continuing appointment review. She has published 17 manuscripts and has three funded grants in her past three years.

**Dr. Von Schroeder** has a major interest in wrist arthritis and is the Canadian point person for evaluating new surgical procedures for scapho-lunate ligament problems. He continues as the medical director for the Hand and Wrist Specialty Clinic at Altum Health which is a referral center for Workers' Compensation related problems.

**Dr. McCabe** was appointed a Visiting Plastic Surgery Professor by the American Society for Surgery of the Hand.

Our program in Upper Extremity Transplantation is established with two patients actively being evaluated and prepared for possible transplantation.

Manktelow Day and the Hand and Upper Extremity Update are being combined on Oct 16 and 17, 2015. Manktelow Day will be held on Friday at the TWH auditorium and will focus on carpal bone injuries. The Upper Extremity Update will be on Saturday, the 17th at the Renaissance Hotel. This day will be split between Dupuytren's disease and distal radius fractures. The guest speaker will be Dr. Amit Gupta from Louisville, KY. PLEASE plan on attending and consider sending the residents and fellows.

We are continuing to reach out and co-ordinate care in the GTA. On the fellowship education front we have agreed with **Dr. Binhammer** to institute a joint fellowship program with the potential for hand surgery fellows to rotate to Sunnybrook Hospital. We will start to perform surgery and see patients at Women's College Hospital in the Fall of 2015.

Our three new Hand Fellows at Toronto Western Hospital will be working at the Hand Program under the supervision of Drs. McCabe, von Schroeder, Anastakis and Graham:



**Dr. Michael Wendt**

**Dr. Michael Wendt** graduated from Ruprecht Karls University in Heidelberg, Germany and did his plastic surgery residency in Luxemburg and in Germany. He will be at the Toronto Western Hospital for the next 12 months.



**Dr. Romy Ahluwalia**

**Dr. Romy Ahluwalia** graduated from University of Manitoba, Winnipeg and did his plastic surgery residency at the University of Western Ontario, in London. He will be at the Toronto Western Hospital for the next 6 months.

**Dr. Jeremy Prakash** completed his medical training in Balgaum, India and his orthopaedic residency in Kuala Lumpur Malaysia. He will be working at the Toronto Western Hospital for the next 11 months.

We bid farewell to **Dr. Chung** who was an associate with us this past year. We thank him for his work this year and we wish him the best in his future endeavors.



WOMEN'S COLLEGE HOSPITAL

## WOMEN'S COLLEGE HOSPITAL



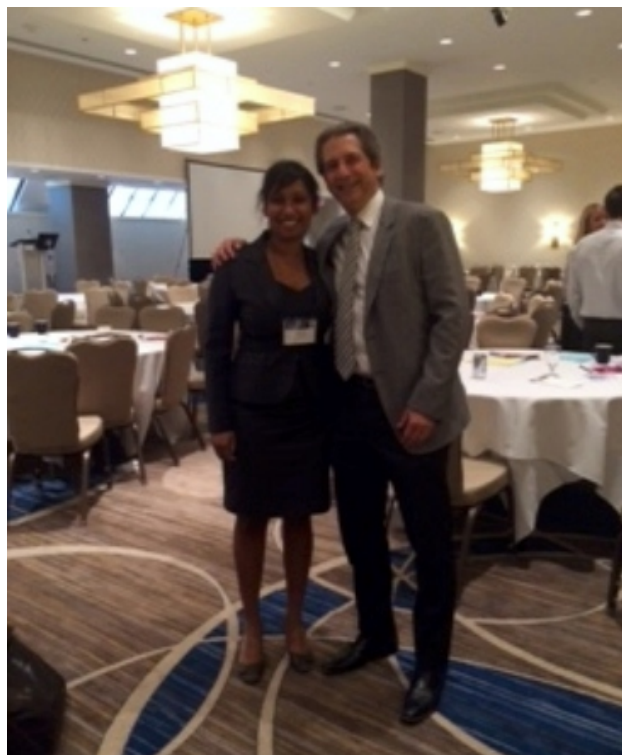
**Dr. John Semple**

**As I write this update we are about 3 months away from moving into Phase 2 – the final phase of our new building.**

Phase 2 will be comprised of a 9-storey building that will be joined to complete the new L-shape building. This new 400,000 square foot facility will have the capacity to accommodate 340,000 patients a year. It will also be the home to education, research, clinical centers and inter-professional teams of various sorts all under one roof. This new space will accommodate the core surgical activities and programs of the Department of Ambulatory Surgery, not to mention that eye-catching pink cube room that everyone is talking about!

## Residents / Fellows

This past year we were happy to have **Drs. Paul Carter, Blake Murphy** and **Ryan Austin** rotate through our Department. **Dr. Katie Armstrong** has completed her second year of the Surgeon Scientist Program working on a project where she studied the effectiveness and economics of mobile app follow up care compared to conventional in-person follow up after breast surgery. Paul and Blake both wrote their Royal College Exams in May and the results are pending at the time of writing this newsletter.



**Drs. Sandhya Deo (New Zealand) and Shagun Aggarwal (Australia)** were our fellows. Here's Sandy with Dr. Brown and Dr. Semple.



Here's Shagun, Leigh Jansen (previous Fellow) and Ryan doing what they do best... operate!

## WOMEN'S COLLEGE HOSPITAL



Here's a great photo of two of our residents, Katie and Ryan, relaxing at Katie's husband's brewery "Rainhard Brewing".



Katie and Ryan are a dynamic duo. Last fall they participated in the American Society of Plastic Surgeons Meeting in Chicago representing the University of Toronto at the PRS Global Open Residents Bowl. Although they were the smallest team, with just each other, they did amazingly well and made it through to the Quarter Finals.

## Educational and Awareness Events



### Canadian Breast Cancer Foundation/CIBC Run for the Cure Oct 6, 2014

We had a great turn out for this year's run. Lots of spouses and children joined the posse along with John, Anna, Leah and Adam Semple, Mitch Brown, Blake Murphy, Katie Armstrong and Sandhya Deo rounded out the WCH representation. This year's run is on Sunday October 4, 2105 and we look forward to another great turnout for the Plastic and Reconstructive Surgery TEAM RUN.



### BRA Day

Breast Reconstruction Awareness Day (BRA Day) marked its 4th successful year in 2014 and is now recognized and celebrated in over 30 countries worldwide. It was held October 15, 2014 and was a huge success. **Dr. Beber** was a Director at one of the Scientific sessions.



### Gallie Day

41st Gallie Day, May 8, 2015 – Here's Dr. Semple and Katie at the Gallie Day Dinner. **Katie Armstrong, Kristen Davidge, Mitchell Brown, Pamela Morgan, Mary Li, Lisa Cunningham, and John Semple** presented "Factors influencing postoperative pain in patients undergoing autologous breast reconstruction in an ambulatory setting".

Travel



Plastic Surgery is always going to new heights and **Christal Malcolm**, Administrative Assistant to Dr. John Semple, took that literally! Here she is doing the Edgewalk at the top of the CN Tower! We were all holding our breath until we knew she was safely on the ground again!



**Dr. Brown** with previous WCH Fellow – **Dr. Eyal Gur** and **Dr. Yoav Barnea** at the Plastic Surgery at the Red Sea meeting in Eilat, Israel.



**Drs. John Semple, Joseph Catapano** and **Steve McCabe** at the ASPN/AAHS/ASRM meeting in the Bahamas... escaping that freezing winter we had.



**Future Surgical Recruits**

Dr. Beber's proudest moment in 2015 was the safe arrival of his new daughter. Baby Stella Beber made her entrance to the world in January 2015. Proud parents **Dr. Beber** and his wife **Dr. Toni Zhong** are thrilled but just look at how happy big brother Robbie is! And how Stella has grown in 5 months!

## WOMEN'S COLLEGE HOSPITAL

### Division Publications

#### Dr. Brown

Somogyi RB, Brown MH. Outcomes in primary breast augmentation: A single surgeon's review of 1539 consecutive cases. *PRS.V.135*, pages 87-97 – January 2015

Jansen LA Backstein RM, Brown MH. Breast size and breast cancer: A systematic review. *Journal of plastic, reconstructive and aesthetic surgery*. Oct. 2014

Dwyer T, Takahashi GS, Kennedy HM, Herold J, Wasserstein D, Nousiainen M, Ferguson MP, Wadey V, Murnaghan L, Leroux T, Semple J, Ogilvie-Harris D: How to assess communication, professionalism, collaboration and the other intrinsic CanMEDS roles in orthopedic residents: use of an objective structured clinical examination (OSCE). *The Canadian Journal of Surgery*: August 2014: 57(4): pp 230-6.

Armstrong KA, Semple JL, Coyte PC: Replacing ambulatory surgical follow-up visits with mobile app home monitoring: modeling cost-effective scenarios. *Journal of Medical Internet Research*: September 2014: 16(9): pp e213.

Armstrong KA, Davidge KM, Brown MH, Morgan PJ, Li M, Cunningham L, Semple JL: Quality of recovery in women undergoing autogenous breast reconstruction in an ambulatory setting. *Plastic Reconstructive Surgery*: October 2014: 134 (4): pp Suppl 1:90.

Abdallah FW, Morgan PJ, Cil T, Escallon J, Semple J, Chan VW: Comparing the DN4 tool with the IASP Grading System for Chronic Neuropathic Pain Screening After Breast Tumor Resection with and without Paravertebral Blocks: A Prospective Six-month Validation Study. *Pain*: February 2015: ahead of: pp print.

Armstrong KA, Coyte PC, Semple JL: The First Smartphone Application for Microsurgery Monitoring: SilpaRamanitor. *Plastic and Reconstructive Surgery*: February 2015: 135(2): pp 458e.

Semple JL, Sharpe S, Murnaghan ML, Theodoropoulos J, Metcalfe KA: Using a mobile app for monitoring post-operative quality of recovery of patients at home: a feasibility study. *Journal of Medical Internet Research*: February 2015: 3(1): pp e18.

Metcalfe K, Zhong T, Narod S, Quan ML, Holloway C, Hofer S, Bagher S, Semple JL: A Prospective Study of Mastectomy Patients with and without delayed Breast Reconstruction: Long Term Psychosocial Functioning in the Breast Cancer Survivorship Period. *Journal of Surgical Oncology*: March 2015: 111(3): pp 258-264.

Platt J, Baxter NM, McLaughlin J, Semple JL: Does breast reconstruction after mastectomy for breast cancer affect overall survival? Long-term follow-up of a retrospective population-based cohort. *Plastic and Reconstructive Surgery*: March 2015: 135(3): pp 468e-476e.

## Presentations / Invited Visits

### Dr. Beber

Co-chair at the Annual Toronto Breast Symposium in April of this year.

Invited speaker, American Society of Plastic Surgical Nurses Annual Meeting, May 2015 in Montreal

Co-author book chapter on implant based breast reconstruction

Co-author Journal of Clinical Oncology: Barriers to immediate breast reconstruction in the Canadian universal health care system

### Dr. Brown

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

American Society of Aesthetic Plastic Surgeons Meeting - Instructional Course: Direct to implant breast reconstruction. San Francisco, CA Apr. 27, 2014

Rome Breast Surgery Symposium – Rome, Italy June 4-6, 2014

London Breast Meeting – London, UK Sept.5-6, 2014

Atlantic Society of Plastic Surgery - Sept. 13/2014

American Society of Plastic Surgery – Chicago, Ill – Oct. 13, 2014

Atlanta Breast Surgery Symposium – The Southeastern Society of Plastic and Reconstructive Surgeons – Atlanta,

Georgia – Jan. 22-23, 2015

Red Sea Aesthetic and Reconstructive International Symposium – Eilat, Israel – Mar. 8-14, 2015

ISAPS Course on Aesthetic Surgery, International Society of Aesthetic Plastic Surgery, Eilat Israel, March 2015

Paris Breast Meeting – multiple presentations (see below) – Paris, France - Mar. 27-29, 2015

### Dr. Semple

Canadian Breast Cancer Foundation-Central Office: Whirlpool/KitchenAid Head Office, Mississauga, Ontario, July 24, 2014. Breast Cancer Research.

Breast Reconstruction Awareness Day, Toronto, Ontario, October 15, 2014. Fat Grafting in Breast Reconstruction.

American Society for Reconstructive Microsurgery, Nassau Bahamas, January 24, 2015 - January 27, 2015. Enhanced Recovery after Surgery: Post-op Monitoring with Mobile App.

Canadian Breast Cancer Foundation, Toronto, Ontario, February 12, 2015 - February 13, 2015. Vice Chair - Grant Review Panels.

American Telemedicine Association Annual Meeting (oral presentation), Los Angeles, California, May 2, 2015 - May 5, 2015. The Effect of Mobile App Home Monitoring on the Number of In-Person visits Following Ambulatory Surgery: cost-effectiveness analysis alongside a randomized controlled trial.

Canadian Society of Plastic Surgeons



## WOMEN'S COLLEGE HOSPITAL

Annual Meeting, Victoria, British Columbia, June 2, 2015 - June 6, 2015. Factors Influencing Postoperative Pain in Patients Undergoing Autologous Breast Reconstruction in an Ambulatory Setting (oral presentation).

### Honours / Awards

The use of human acellular dermal matrix in one-stage implant breast reconstruction: A multicenter, randomized, controlled trial". Zhong T, Baxter N, Hofer S, Brown M, Beber B, Semple J: Canadian Breast Cancer Foundation - Ontario Region Research Project Grant Program Fall 2011. (\$368,449 2011 - 2014.)

Replacing ambulatory clinic follow-up with remote home monitoring using smartphone in breast reconstruction patients: Is it cost-effective? Semple JL, Bhatia RS, Coyte P, Armstrong K: Canadian Institute of Health Research. (\$39,903 2014 - 2016.)

Dr. Kathleen Armstrong, Mentor Medical Systems Canada Graduate Scholarship, the Division of Plastic & Reconstructive Surgery, University of Toronto, Toronto, ON, "Replacing ambulatory clinic follow-up with remote monitoring using smartphone in breast reconstruction patients: Is it cost effective" John Semple, supervisor. October 2014. Awarded annually to a resident in the Surgeon Scientist Program.

Dr. Katie Armstrong was awarded the Michael Decter Scholarship Award for Health Leadership and Policy Studies,

Saint Elizabeth. This award is awarded annually by St. Elizabeth to a high-performing research student entering a graduate health leadership and/or policy program. 2015. Awarded annually to a high-performing graduate student; ideal for students aspiring for a health leadership, executive or board role in the Canadian Health Care system.

Dr. Katie Armstrong was awarded the "Outstanding Paper Award" (Trainee Category), at the 6th Annual Women's College Research Institute Best Paper and Mentorship Awards Ceremony, "Replacing ambulatory surgical follow-up visits with mobile app home monitoring: modeling cost-effective scenarios", K Armstrong, J Semple, P Coyte. March 2015.

Dr. Kathleen Armstrong won the Outstanding Paper Presentation, American Society of Plastic Surgery Annual Meeting, Chicago, Illinois, October 2014. Armstrong KA, Davidge KM, Brown MH, Morgan PJ, Li M, Cunningham L, Semple JL: Quality of recovery in women undergoing autogenous breast reconstruction in an ambulatory setting. Plastic Reconstructive Surgery.

Dr. Kathleen Armstrong won the Student Paper Award at The American Telemedicine Association Annual Meeting, Baltimore, Maryland, May 2014. K Armstrong, P Coyte, J Semple. Replacing Ambulatory Surgical Follow-up Visits with Smartphone Home Monitoring: Modeling Cost-Effective Scenarios. Telemed J E Health 2014 May;2014 (5):A-111.

WOMEN'S COLLEGE HOSPITAL  
EDUCATION PROGRAM  
IN AESTHETIC PLASTIC SURGERY

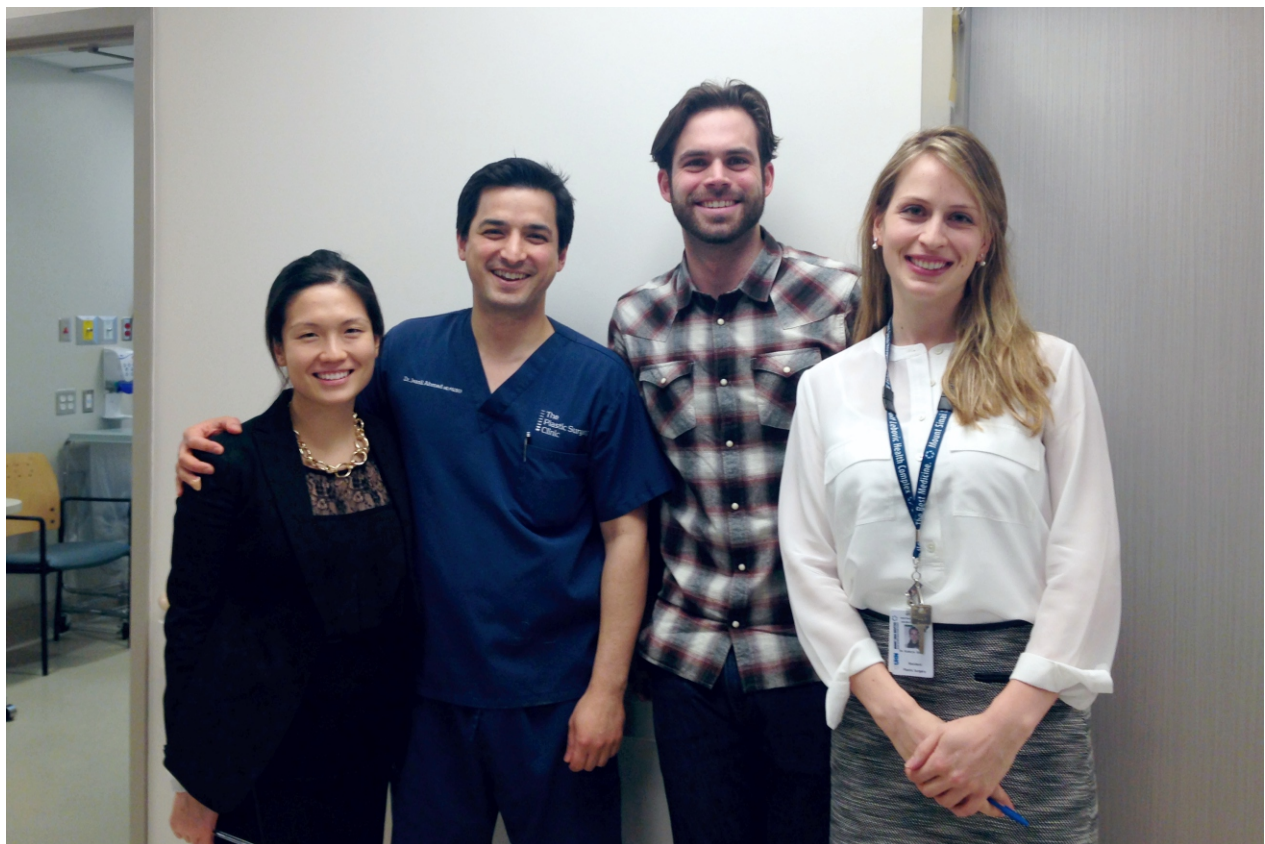
## WOMEN'S COLLEGE HOSPITAL EDUCATION PROGRAM IN AESTHETIC PLASTIC SURGERY



**Dr. Jamil Ahmad**

**It has been just less than 3 years since the Resident Aesthetic Clinic transitioned to Women's College Hospital.**

The Education Program in Aesthetic Plastic Surgery continues to grow. There have been 8 residents that have rotated through the clinic and performed a total of over 60 aesthetic surgery procedures. Additionally, every resident performs a significant number of injectable procedures in the clinic.



This past year, we have been fortunate to have Drs. Ryan Austin, Homan Cheng and Kathryn Isaac managing the Resident Aesthetic Clinic and we surpassed last year's case volume.



Over the past year, our residents attended several special teaching sessions with our GTA-PRS guest lecturers including Drs. Jeffrey Kenkel, Jeffrey Janis, and Elizabeth Hall-Findlay.



In April 2015, we had our annual Residents' Luncheon with the ASAPS Travelling Professor, Dr. Grant Stevens, during the 45th Annual University of Toronto Breast and Aesthetic Plastic Surgery Symposia. Drs. Austin and Isaac presented cases from their clinic to our visiting professors, Dr. Grant Stevens, Sherrell Aston and Steve Byrd. Also in attendance were many of our volunteer faculty for the Resident Aesthetic Clinic.

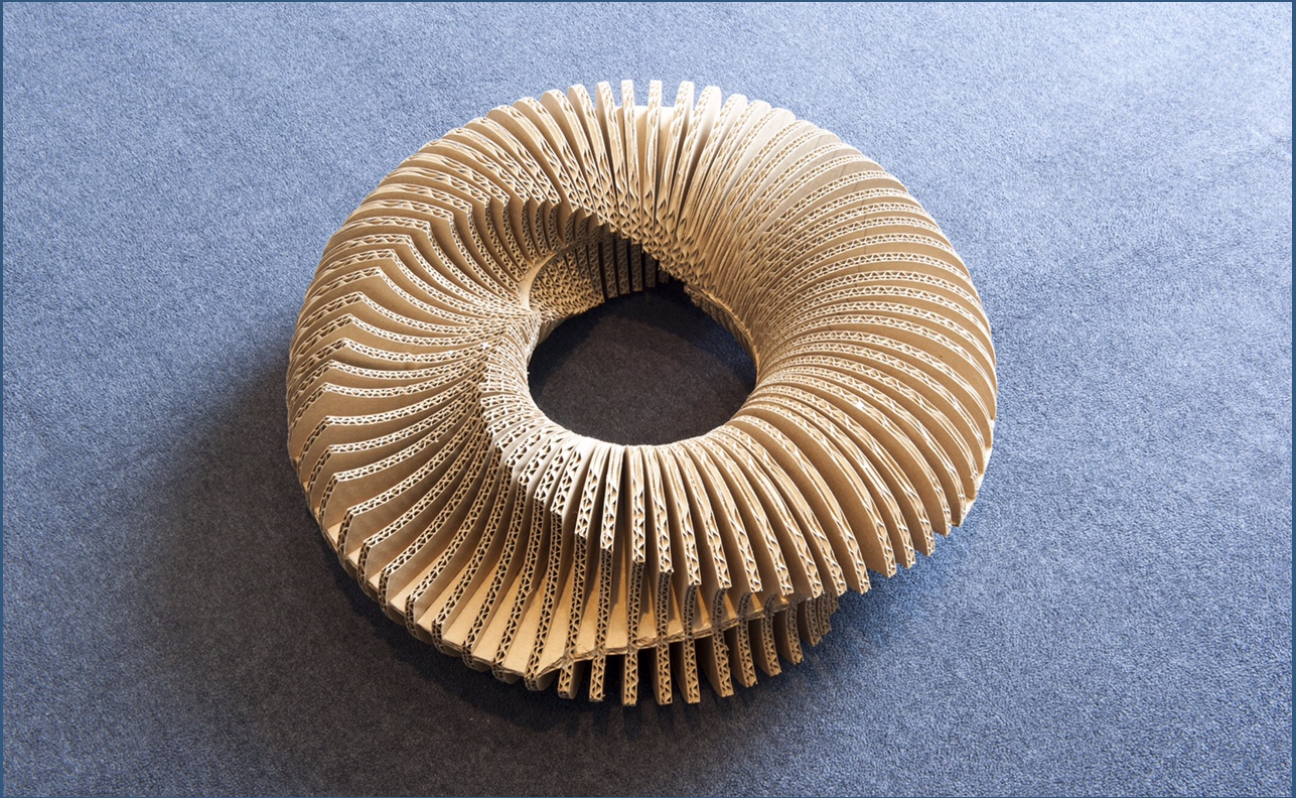
## WOMEN'S COLLEGE HOSPITAL EDUCATION PROGRAM IN AESTHETIC PLASTIC SURGERY



In November 2015, Dr. Cheng and I travelled to Amman, Jordan, during the rotation for a surgical relief mission with ISAPS-LEAP.

In May 2015, Drs. Austin and Isaac presented aesthetic surgery research projects at the Resident and Fellows Forum at the Annual Meeting of the American Society for Aesthetic Plastic Surgery in Montreal.

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, Beber, Brown, Wanzel, Kesarwani, Born, Carman, Sproule, and Bell staff cases in the Resident Aesthetic Clinic. Additionally, our residents have visited plastic surgery practices throughout the GTA and surrounding areas. We look forward to the involvement of more of our faculty in the Resident Aesthetic Clinic in the future - maintaining the tradition of excellence in aesthetic plastic surgery education at University of Toronto.



Paper Sculpture No. 3 by Dr. David Fisher, MD



**DIVISION OF PLASTIC &  
RECONSTRUCTIVE SURGERY**

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