



DIVISION OF PLASTIC &
RECONSTRUCTIVE SURGERY

NEWSLETTER 2017-2018

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



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“High fidelity cleft simulators, advances in the delivery of breast reconstruction, surgical robotics, patient-reported outcomes for scars in children, research maps for global outreach, the use of drones in the OR, unique paradigms for nerve regeneration with pharmacologic assistance, economic impact of workplace injuries... all of these areas have huge potential impact in terms of the future direction of Plastic and Reconstructive Surgery.”

**DR. CHRISTOPHER R. FORREST**

Chair

Division of Plastic and Reconstructive Surgery

“The best way to predict the future is to invent it.”

- Alan Kay US Computer Scientist (1 November, 1982)

Welcome to the latest edition of the Division of Plastic and Reconstructive Surgery Annual Newsletter. The passage of time and seasons seems to run faster and faster... the world is a different place than when I started this position 7 years ago. Who would have imagined some of the events of the past few years ever happening? Okay, not to dwell on the obvious...

Plastic and Reconstructive Surgery as a specialty has continued to evolve in ways I could never have imagined as a trainee: endoscopic and minimal access techniques, shifts away from extensive surgery to injectables, the promise of fat, composite vascularized allotransplants, the application of deadly toxins in body regions one would never have conceived... but these are the areas of the popular press.

Big changes have occurred in less flamboyant but highly significant areas like surgical education and simulation, application of computer-assisted technology and design, custom-made patient-specific reconstructive paradigms, global outreach, the application of health care outcomes that matter to the patient, diversity, and physician wellness. None of these are specific to our specialty but it is encouraging to see that as Plastic and Reconstructive Surgeons, we are at the vanguard and forefront of these areas.

I would be the first to state that we have had a remarkable past year and as a division, can boast of successes in recruitment of highly talented trainees, surgical innovation, global health, basic science research, and outreach (for details, please refer to the WGOs) and simply connecting with our colleagues across the planet.

But any reflection, sentimental or otherwise, on the past necessitates a look to the future. Any organization needs to maintain flexibility in order to evolve and ensure survival and prosperity for the future. “Profile” is probably my most over-used word when it comes to describing what we do academically. I haven't really concerned myself over what exactly we do as a group, as long as it contributes in a positive and meaningful way to the specialty as a whole. And when I look around our division, I marvel at the diversity of what we are doing. **Oleh Antonyshyn** with a remarkable activity helping victims of war and trauma, **Stefan Hofer** and **Blake Murphy** venturing into the world of augmented reality in the operating room, **Laura Snell** and **Joan Lipa** developing unique moving chest models for surgical simulation, **John Semple** and his outpatient app opportunities, **John Phillips** searching for ways of measuring the ideal craniofacial form with crowd-sourcing, **Greg Borschel** and his innovative technique to re-innervate the insensate cornea. These are all highly relevant areas to being flexible, imaginative and responding to the anticipated demands of the clinical world around us.

And so, back to the future... what does this have to do with the newsletter? The quote by Alan Kay says it all. I truly believe we have the ability to direct the destiny of our specialty. Well, if anyone can do, I would say our specialty is in a pretty advantageous position to do so. I would also emphasize that any investment in the future of our specialty would be well spent on our surgeon scientist trainees. Whether you are a community surgeon or an academic, the impact that our residents in the Surgeon Scientist Training Program have had in terms of productivity and influence has been remarkable. High fidelity cleft simulators, advances in the delivery of breast reconstruction, surgical robotics, patient-reported outcomes for scars in children, research maps for global outreach, the use of drones in the OR, unique paradigms for nerve regeneration with pharmacologic assistance, economic impact of workplace injuries... all of these areas have huge potential impact in terms of the future direction of Plastic and Reconstructive Surgery. At the University of Toronto, we are incredibly fortunate to have a terrific combination of the right seed in the right soil to make some pretty impressive influences on our future.

To quote from one of my favorite radio programs (CBC, Spark with Nora Young) “the future is here – arrive intact!”

I hope that you enjoy skimming through our Divisional Newsletter for 2017-2018.

Welcome!

Christopher R. Forrest, MD, MSc, FRCSC, FACS

*Chair, Division of Plastic and Reconstructive Surgery
Chief, Division of Plastic and Reconstructive Surgery
Medical Director, HSC Centre for Craniofacial Care and Research
Department of Surgery, Faculty of Medicine
University of Toronto*

**DR. GREG BORSCHEL**

Research Director

Thanks to all Division members, residents, fellows, and researchers for leading discovery in Plastic Surgery in new and exciting ways. Here are some highlights from this past year.

Surgeon Scientist Trainees

Our Surgeon Scientist Training Program (SSTP) trainees **Natalia Ziolkowski** (supervised by Joel Fish) and **Mélissa Roy** (under Steve McCabe) completed their PhD and Master's degrees and have returned to clinical work. **Hélène Retrouvey** (Toni Zhong), **Tomas Saun** (Teodor Grantcharov) and **Kevin Zuo** (Greg Borschel) continue their SSTP studies this year. **Karen Chung** (Andrew Howard & Chris Forrest) and **Whitney Quong** (Joel Fish) entered the SSTP this July. This year's cohort of five concurrent SSTPs represents the highest number of SSTPs yet in our Division.

Hoyle Campbell Resident Research Day 2018

We were delighted to have hosted **Andrea Pusic** as our Hoyle Campbell Visiting Professor in February 2018. Dr. Pusic is a world leader in developing patient reported outcome (PRO) research methodology, including co-developing the BREAST-Q, FACE-Q and other widely used instruments.

Three-Year Anniversary of Resident Research Curriculum

In response to the request of several residents, we launched a Research Curriculum designed to enhance resident research proficiency. These sessions are held quarterly, and cover topics including research project design, manuscript and grant proposal writing, critical analysis, REB, and other subjects. After three years of seminars the feedback has been excellent, and the residents have asked for additional topics to be covered. Seminars have included topics such as “how to write a paper and get it published,” “statistics for surgeons,” “outcomes research” and the “role of basic and applied science in Plastic Surgery.”



Featured Interview with Kristen Davidge, MD

I was able to catch up with Kristen this past weekend to see what's new in her research program. She's got a lot of exciting work under way. Dr. Davidge is the 2018 recipient of the Early Career Investigator Award in the Division of Plastic and Reconstructive Surgery.

Kristen Davidge

What is your big research goal right now?

"I want to improve the measurement of patient-reported outcomes in pediatric hand and nerve surgery. I want to also improve the clinical outcomes in this population."

Tell us more about your research.

"I have several projects on the go. The first seeks to evaluate the pain experience in obstetrical brachial plexus palsy (OBP). I'm also looking at outcomes in children with nerve injuries, as well as outcomes from pediatric hand fractures so we can improve our processes and improve quality. I am also looking at proximal phalangeal neck fractures and allowing them to remodel nonoperatively as an alternative to the current standard of open reduction and internal fixation."

What is your favourite project right now?

"Hard question! I think the most exciting one, since it's new and really uncharted, is the pain experience in OBP. But there is a lot of opportunity in looking at pediatric nerve injuries because it could really change practice. I think we tend to bias ourselves toward really good outcomes or really bad outcomes from individual cases, but not a lot has been written about how these kids really do long term. It could really change practice, which is exciting to me."

What has been your greatest challenge in launching this program?

"Time and personnel is the biggest challenge. Financial support is always a challenge. I have had some great summer students. Getting consistency with survey-based research is really tough when I do it myself. Having help has really facilitated getting things done. Time, money, and people are by far the main issues. Getting the right team is super important. As surgeons we just don't have time to do everything. These barriers are all able to be overcome, and I have been getting better at finding good help. This year I have three people that are really effective, so I am very happy."

Who and what inspired you to do this kind of work?

“Andrea Pusic really inspired me when she was in New York city – I worked with her after she just arrived. Aileen Davis was my Master's degree supervisor; she comes from a therapy vantage point, and it was nice to connect with someone doing methodologically rigorous research of this kind.”

How will your research change how we manage patients ten years from now?

“Ten years from now I would hope that the pain OBP research will result in significant changes in their management. We are looking at a number of questions: How to understand the pain? How to ask better and screen better those kids who are going to get into trouble as teens? How do we prevent the pain and screen for it? How do we prevent pain from becoming a chronic problem? These are the key questions I hope to have answered by that point. For the phalangeal neck fractures, standardizing treatment will help the patients get back to activities sooner. In Canada we tend to be a bit nonoperative, but this may be appropriate in this population – it is important for us to get this message published to reduce morbidity and improve outcomes. With the pediatric nerve injuries, at ten years with better measurement tools we will be able to improve outcomes in a multidisciplinary way. We are going to witness huge growth in this field and I am excited to see where this goes.”

What you do in your spare time?

“When I am not at work I spend time with my kids as much as possible and I try to be the best mom I can be. We love to be outdoors in summer and winter. Skiing and cottage, anything outside is good times. Biking, picnics, hiking, skiing, and in my rare quiet time I like to read fiction (faves include the Philip Pullman series).”



**DR. KYLE WANZEL**

Program Director

I am pleased to report that the 2107-2018 academic year was a great success.

This past year, I had the benefit of taking the reins of an extremely well-run Division, passed on to me by my predecessor and mentor, **Dr. Mitchell Brown**.

A highlight this year included a very successful CaRMS match (having matched our top 3 of 4 ranked applicants). And we are happy to report that all 3 of our graduating residents successfully passed the Royal College exam and have embarked on high-level Fellowships.

This year I introduced 3 new members to the Residency Program Committee – **Dr. Joan Lipa** (Senior Resident Education Lead), **Dr. Heather Baltzer** (Junior Resident Education Lead), and **Dr. Melinda Musgrave** (Undergraduate Medical Education Lead). With their help, we have improved and restructured several aspects of the education curriculum:

- We have ensured that our Divisional website has a complete collection of all seminars in the three-year cycle and restructured the format with which they are indexed to make access to them simpler;
- We have added new Surgical Skills sessions to the academic program (e.g., a two-day microsurgery course and a cleft lip & palate simulator course);
- We have added a fully financed opportunity for PGY 4 and 5's to go to hands on workshops in the United States (e.g., The Duke flap course and the ASMS Craniofacial course);
- We instituted a new Journal Club format which has fostered better discussion and participation;
- We have continued to improve an already excellent introductory educational program for the new PGY 1's as part of their Prep Camp;

- We have continued to engage the undergraduate students by being involved in Plastic Surgery Interest Group (PSIG) and the Surgical Exploration and Discovery (SEAD) programs.

In the very near future, our next challenge will be Competence by Design (CBD). The way we have taught and evaluated our learners will be changing. The Royal College has called CBD the biggest change in medical education in the last 100 years.

CBD uses slightly different evaluation tools and employs more frequent low stakes assessments to ideally better guide our residents' education and better document their progress. Residents must now demonstrate competence in order to progress through their stages of training. These competencies will be measured by milestones and entrustable professional activities (EPAs).

Our incoming PGY1's will be completely CBD as they start their PGY1 year (now called Surgical Foundations). The Specialty Committee for Plastic Surgery has met at the Royal College and we are working diligently on developing the required tools for Plastic Surgery training to become CBD as well in the near future. This timeline may be as soon as July 2019.

These are exciting times, with much work to do, to ensure our Program remains a national leader in Plastic Surgery, and I sincerely thank everyone who has contributed and helped in these processes.

THE GRADUATES



Jana Dengler

Fellowship Plans

Hand, Peripheral Nerve and Microsurgery

Location

St. Louis, Washington University

Duration

1 year

I have sat down to write this countless times with little success. How do I distill my experience as a surgical resident onto a single page? Suffice it to say, my journey over the last five years has been mentally, physically and emotionally challenging, but also incredibly rewarding. The sacrifices a surgeon makes to pursue her craft can only really be understood by those who have themselves experienced it. I am grateful that I had the opportunity to spend these years in Toronto, training with so many talented and thoughtful surgeons. I am both grounded and driven by a deep appreciation for excellence in plastic surgery because of my experience here.

In the first weeks of residency I met my co-residents Natalia, Jessica, Maryam, and Sebastian, with whom - over the next few months - I grew a bond that has sustained me through the more demanding times. It is not something I expected, coming into such a competitive program, but has been an invaluable part of my experience in Toronto. My junior rotations were focused on learning how to be a good resident and how to navigate the surgical culture. I gained exposure to the breadth of plastic surgery, and was enamoured by all of it.

During my senior years, the focus of my learning shifted to team management, decision making, and the technical aspects of plastic surgery - mastering how to operate. Early on in my third year, I gained exposure to nerve transfers and brachial plexus reconstruction at Toronto East General Hospital (more recently called the Michael Garron Hospital), and it left me fascinated. At Sunnybrook Hospital, I was introduced to microsurgical reconstruction, and relished the finesse, diligence, and precision it required. The following year, while on rotation at the Toronto Western Hospital, I was exposed to both elective and traumatic adult hand, wrist and peripheral nerve surgery. While at the Hospital for Sick Children, I was involved in the management of congenital hand deformities and brachial plexus injuries. It was these experiences that motivated me to apply for the US Hand Match, with the goal of securing a fellowship in hand, peripheral nerve and microsurgery. With a background in engineering,

I am attracted to the mechanical nature of hand and wrist pathophysiology and treatment, and value the diagnostic aspect of managing hand surgery patients.

In my final year of residency, I had the privilege of becoming a mom to a baby boy. He has shown me strength and resilience I never knew I had, and has brought a whole new meaning to life. I am deeply grateful for how supportive my colleagues, partner and family were during this time, as I prepared for the Royal College Exam.

In July, I will be moving to St. Louis to do a one-year fellowship in Hand, Peripheral Nerve and Microsurgery at Washington University. During this year, I hope to gain expertise in these areas of plastic surgery. Following this I will return to Canada, where I will reunite with my family and begin to establish my career in Toronto. It was the breadth of plastic surgery that drew me to this specialty, so I plan to build a practice with a foundation in general plastic surgery with a special interest in hand, peripheral nerve, and microsurgical reconstruction. I am grateful for my years at the University of Toronto as they have helped me to develop the interests and skills with which I hope to make a meaningful contribution to the field of plastic surgery.

**Fellowship Plans**

Aesthetic and Breast Fellowship

Location

Alabama

Duration

1 year

Maryam Saheb-Al-Zamani

One of my medical school advisors used to compare completing medical school to running a marathon. Well, I think after finishing plastic surgery residency training, I'm now an Ironwoman. It's been at the same time the fastest and the longest journey that I've been on. Reflecting back, I've had to test and push my boundaries mentally and physically to new levels and I have learned a great deal: about medicine, about people, and about myself.

THE GRADUATES

My experience at University of Toronto has given me a lot to be grateful for: I've been able to have a vast exposure to the breadth of plastic surgery, work with and learn from great surgeons that I admire, and stand upon the shoulders of giants to launch into my career. My path in residency was sometimes uphill but I am grateful that I was allowed to have a voice and that I was heard and that I was able to help the next generation of residents. I am also grateful that I was gifted with my co-residents ("the original five") Jana, Sebastian, Jessica, and Natalia who supported me through my lows and celebrated my highs and have helped shape me as a surgeon and as a person.

I will carry forward and I will soar because I have been taught to strive for surgical excellence, because I have learned resilience from challenge, and because I know to love and do better by others and by myself.

I am joining former ASAPS president Dr. James Grotting in an Aesthetic and Breast fellowship in Alabama where my experience will be complemented with a faculty instructor position at University of Alabama. I will also be serving on the editorial board of The Aesthetic Surgery Journal as a Next Generation Editor. Following that, I hope to develop a practice that will offer a mix of aesthetic and reconstructive procedures, teaching the next generation of residents, and participating in national committees and journals.

I will strive to make my mentors, my colleagues, and my loved ones proud.

**Fellowship Plans**

Burns and Surgical Critical Care

Location

Los Angeles, University of Southern California

Duration

1 year

Sebastian Vrouwe

My experience in the University of Toronto's Plastic Surgery program has come full circle. As a medical student coming from Edmonton I was assigned to St. Joseph's for my UofT elective, where I spent two weeks seeing community Plastic Surgery and exploring the charms of Parkdale. Jumping ahead just over five years, I came in for my final day as a resident on the same service, this time as the Chief Resident at St. Joe's.

Those intervening five years have gone by faster than I could have ever anticipated. My then girlfriend, now wife, and I packed up our things and drove 3500 kilometers across Canada to our new home and new careers. The adjustment to life as a surgical resident in a new city was exciting and honestly quite fun, thanks to the support of friends, family, and mentors within the Division.

I finished my first year at SickKids, which happened to coincide with a handful of more complex burn injuries being admitted to our Service. We spent many hours looking after this cohort and I felt like I grew to really know them and their families during such a difficult time. This experience left a lasting impression, which carried forward to my adult burn unit rotation the next year. Again, working with an incredible team at the Ross Tilley Burn Centre and looking after sick patients pushed me toward considering a practice that involved burn care.

As I rotated through different hospitals as a senior resident I truly began to understand and appreciate the depth and breadth of our speciality. It was a privilege to get to work with world-class experts across the gamut of pediatrics, hand, microsurgery, craniofacial, burns, aesthetics, and breast reconstruction. What I liked best was how these experts treated us like colleagues and really invested in our success. Behind all of these great teachers are thousands of patients who put their trust in us as we developed from junior residents to full fledged plastic surgeons.

As for July, we have relocated to Los Angeles to start my fellowship in Burns and Surgical Critical Care at the University of Southern California. It will be a year with many exciting changes; Kjirsten and I are expecting a baby girl, due in mid-September. She will go on a year of maternity leave and the three of us will enjoy all the wonderful things LA has to offer as a family. Our hope is that we will find ourselves back in Toronto, which now feels like home.



Resident Orientation, July 2018

Front Row (left to right): Mona Al-Taha, Kalila Steen, Melissa Roy, Jessica Shih, Josephine D'Abbondanza, Whitney Quong, Celine Yeung, Joseph Catapano, Natalia Ziolkowski, Mawaddah Alrajaji, Dr. Greg Borschel

Middle Row (left to right): Dr. Christopher Forrest, Kevin Zuo, Brian Hong, Adam Mosa, Katie Armstrong, Rayisa Hontscharuk, Monica Yu, Tomas Saun, Dr. Kyle Wanzel

Back Row (left to right): Pierre Lapaine, Dale Podolsky, Miliana Vojvodic, Karen Chung, Peter Qi, David Wallace, Hélène Retrouvey, Sultan Alshaqsi, Steven Hanna, Moaath Saggaf

Missing from photo: Stephanie Dreckmann

**Josephine D'Abbondanza**

Josephine was born in Toronto and raised in Woodbridge. She graduated with a BSc in Human Biology, Psychology and Italian, and an MSc in Medical Science at the University of Toronto. Before starting medical school at the University of Toronto, she worked as a Research Assistant in Neurosurgery.

In her spare time she enjoys singing, cycling, salsa dancing, scuba diving and hosting dinner parties for friends. Josephine is very humbled and excited to complete her residency training in the Division of Plastic and Reconstructive Surgery at the University of Toronto.

**Brian Hong**

Brian was born in Seoul, South Korea. He grew up in Oakville, Ontario and went to McMaster University for his undergraduate studies. He completed his medical training at the University of Ottawa and is very much looking forward to joining the Plastic and Reconstructive Surgery program at University of Toronto.

**Adam Mosa**

Adam was born and raised in New York City. Before medical school at Queen's University, he completed a BSc in Biology and Philosophy at Pennsylvania State University, and an MSc in Neuroscience at the University of Toronto, where he was a Junior Fellow of Massey College. He loves to tinker with old bicycles, go for bike rides, read about the history of medicine, and spend time with his wife and friends. Adam is humbled and grateful to begin residency in the Division of Plastic and Reconstructive Surgery and looks forward to working with you in the years ahead.

**DR. TONI ZHONG**

Fellowship Director

The Division of Plastic and Reconstructive Fellowship Program is based out of five UofT teaching hospitals, including Toronto General Hospital (TGH), Toronto Western Hospital (TWH), Sunnybrook Health Sciences Centre (SHSC), St. Michael's Hospital (SMH), Women's College Hospital (WCH) and The Hospital for Sick Children (HSC).

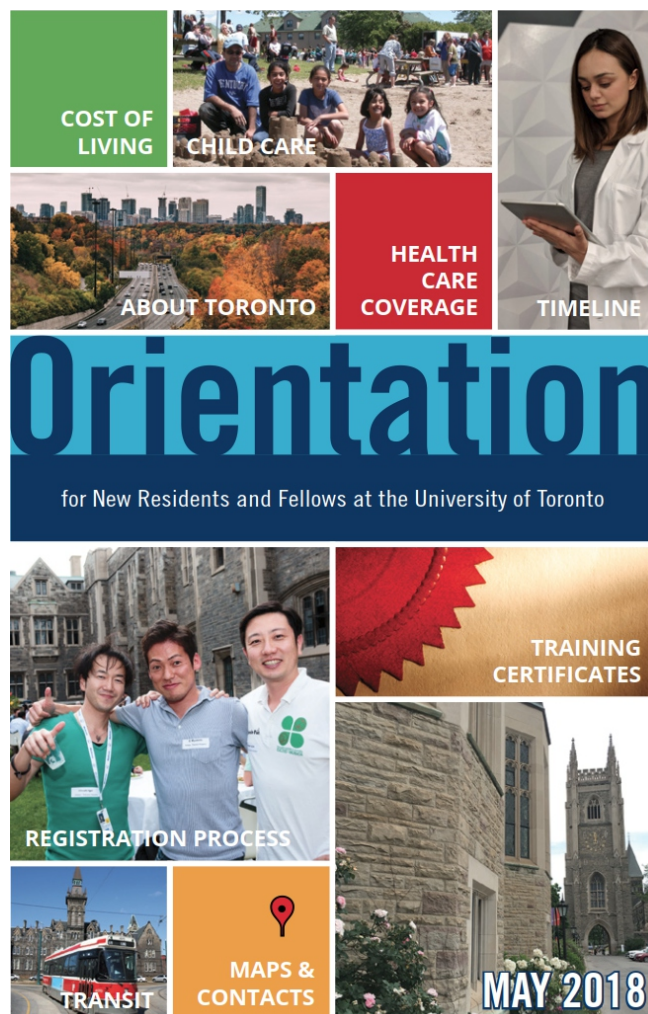
The areas of subspecialized training offered by our fellowship programs include Oncologic and Microvascular Reconstructive Surgery (SHSC), Breast Reconstruction and Aesthetic Surgery (TGH and WCH), Total Burn Care (SHSC), Adult Craniofacial Plastic Surgery (SHSC), Pediatric Plastic Surgery (HSC), Pediatric Craniofacial Plastic Surgery (HSC), Trauma and Reconstructive Surgery (SMH), Hand and Microsurgery (TWH), as well as Complex and Microvascular Oncologic Reconstruction (TGH). On average, our fellowship program trains between 15-20 fellows per year. Between 2017-2018, our fellowship program trained a total of 18 Canadian and international fellows. Our fellows came from different parts of Canada, as well as from USA, Australia, New Zealand, Malaysia, Saudi Arabia, Finland, and Brazil.



Fellowship Education Advisory Committee (FEAC)

This year, in accordance with recommendations from the Postgraduate Medical Education (PGME) Office to all divisions within the Department of Surgery, a Fellowship Education Advisory Committee (FEAC) was established that is made up of fellowship directors from each division in the Department of Surgery. Within our own division, we have formalized our Division of Plastic and Reconstructive Surgery Fellowship Council which has held its first regular meetings in the past academic year.

The primary role of this Fellowship Council is to provide an opportunity for clinical fellows in our division to achieve the highest level of training that corresponds to the PGME policy. The FEAC also identifies and responds to issues that govern individual clinical fellows and the management of clinical fellowships. FEAC-led surveys of clinical fellows have driven a number of initiatives for clinical fellows including: remuneration guidelines, a template statement of educational objectives for clinical fellowships, a Facebook page by and for clinical fellows, the UofT certificate of completion of training, and an orientation handbook.



Fellowship Policies, Renumeration and Evaluation

In-Training Evaluation Reports (ITERS) are evaluations of postgraduate medical trainee performance during the clinical rotations. Fellowship supervisors are expected to review the ITER assessments in person with each fellows and to provide the direction that will help the trainee improve. The completed ITER documents the trainee's successful completion of the goals and objectives of the training program. It is encouraged that the fellowship supervisors informally perform interim ITERs with the trainees on a quarterly basis so that real-time progress evaluations are shared with the trainees and documented accordingly.

Because of the large variations of fellowship responsibilities, skill levels, and educational objectives, there is no established standard for the renumeration of clinical fellows. However, in view of the advanced level of training that a clinical fellowship represents, the FEAC recommends the renumeration of clinical fellows at a rate at least equal to that of a PGY 1 trainee. FEAC will initiate a review all funding arrangements within the Division that do not meet this threshold.

Between 2015-2017, a Resident-Fellow Interaction Subcommittee was formed at the recommendation of the Residency Program Committee. This subcommittee was co-chaired by the Chief of the Division and the Fellowship Director of the Division, and made up of another fellowship supervisor and a fellow. Guidelines for Interaction between residents and fellows document were generated by the subcommittee and specific management of clinical responsibilities was prescribed for both the staff and fellows. Some of these management principles are:

1. The staff will direct the surgical experience of fellows and resident;
2. If the staff is not present, the fellow will acts as the staff functioning as the first assist to the senior resident, taking over when the resident is unable to perform a particular task;
3. The fellow will work to foster the educational experience of the residents.

These guidelines have been presented to each fellowship director and it is expected that this document is clearly explained to the fellows at the start of their training period as part of their orientation, in addition to setting learning goals and objectives for the year. Beginning in 2017, this subcommittee's roles have been taken over by the Fellowship Council, and interactions between residents and fellows are reviewed during each Fellowship Council meeting.

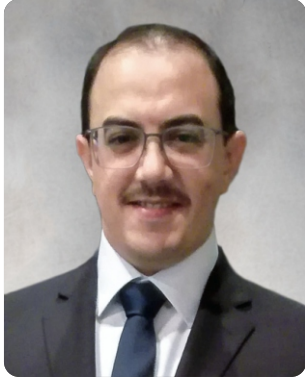
Accomplishments and Awards

This year at our Annual Division of Plastic and Reconstructive Surgery Graduation Gala, the new graduating fellows were recognized and honoured with Fellow Appreciation Gifts presented to them by **Dr. Ron Zuker**, in addition to their graduation certificates.



Future Plans

A UofT City-Wide Aesthetic Fellowship proposal has been vetted and approved by the Fellowship Council. Funding opportunities for such a fellowship have been pursued with various industry sponsors of our Division by **Dr. Forrest**. The structure, supervision, and learning objectives of this fellowship are to be determined.

**Hassan Abu Salih**

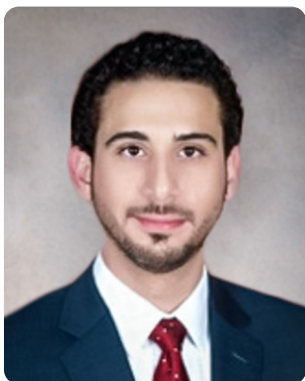
Dr. Hassan Abu Salih grew up in Abha, a city in southwest of Saudi Arabia. He obtained his MBBS degree from King Khalid University. Then he moved to the capital city Riyadh and joined Saudi Plastic Surgery Program for six years. After that, Dr. Abu Salih joined King Saud Medical city as a Senior Registrar and worked there for two years.

Currently, Dr. Abu Salih is the clinical fellow in Trauma and reconstructive Plastic Surgery fellowship at St. Michael's Hospital.

**Rayan Alalola**

Dr. Rayan Alalola is from Riyadh, Saudi Arabia where he grew up and graduated from medical school. He had his plastic surgery residency in Riyadh as well.

Dr. Alalola is a fellow in the Burn Unit at Sunnybrook Health and Science Centre.

**Hatem Alnoman**

Dr. Alnoman grew up and obtained his medical degree in Madinah, Saudi Arabia. Then he moved to Jeddah to continue his postgraduate medical education in plastic surgery residency training program. In 2016, he obtained the Saudi board and the Jordanian board of plastic surgery and he got a pre scholar job position for paediatric plastic surgery. Currently, Dr. Alnoman is doing his fellowship in paediatric plastic surgery at the SickKids hospital and he is looking forward to a second year of fellowship in paediatric craniofacial surgery.

**Michal Brichacek**

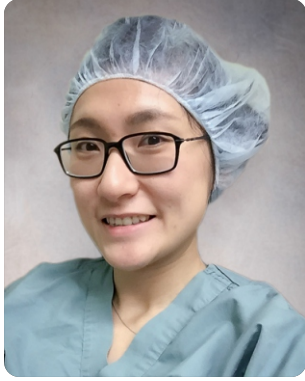
Dr. Michal Brichacek grew up in Windsor, Ontario and completed his bachelor's degree in Chemistry at Wayne State University in Detroit, Michigan. He obtained his MD degree from the University of Western Ontario, and then completed his residency training in Plastic Surgery at the University of Manitoba (Winnipeg, Manitoba) and is a Fellow of the Royal College of Surgeons of Canada. Currently, Dr. Brichacek is the Craniofacial Surgery fellow at Sunnybrook Health Sciences Centre.

**Pascale Derome**

Dr. Pascale Derome grew up in Quebec. She is a graduate of Université de Montréal, where she obtained her Medical Degree (MD) and completed the Orthopedic Surgery Residency Program. Dr Derome is a Fellow of the Royal College of Surgeons of Canada. She successfully completed an Upper Extremity Fellowship at University of Ottawa in 2017-2018. Currently, Dr Derome is a Hand and Microsurgery fellow at Toronto Western Hospital.

**Manuel Dibildox**

Manuel Dibildox completed general surgery residency in Chicago followed by fellowships in burn surgery and critical care in Galveston, Texas. After a short period as one of the burn surgeons at Sunnybrook's Burn Centre, he then completed a three-year plastic surgery training program at the Mayo Clinic in Minnesota. Dr. Dibildox is Boarded in General Surgery and Surgical Critical Care by the American Board of Surgery and will take the Royal Board of Plastic Surgery exam in 2019. He is currently completing a reconstructive microsurgery fellowship at the UHN hospitals and will settle down with his wife and baby daughter in GTA next summer.

**Qin Du**

Dr. Qin Du grew up in Montreal and completed her Master degree in physical therapy at McGill University prior to her MD from the University of Montreal. Dr. Du is a graduate of the Orthopaedic Surgery Residency Program at University of Montreal and is a Fellow of the Royal College of Surgeons of Canada.

Dr. Du currently works as a clinical fellow at the Toronto Western Hospital Hand Program.

**Margarita Elloso**

Dr. Margarita Elloso is from the Philippines. She finished her Plastic Surgery training at the University of the Philippines, Philippine General Hospital. Currently, Dr. Elloso is the Burn Care Fellow at Sunnybrook Health Sciences Centre/Ross Tilley Burn Centre.

**Jennifer Greenhowe**

Dr. Jennifer Greenhowe grew up in Glasgow, Scotland. She completed her medical degree and an intercalated Bachelor of Medical Science degree in Applied Orthopaedic Technology at the University of Dundee in Scotland. During early surgical training she completed a Master's degree in Wound Healing and Tissue Repair at Cardiff University then a full time Doctorate in Stem and Progenitor Cells in Wound Healing at the University of Oxford. During her Doctorate she also became an Associate Fellow of the Higher Education Academy. She completed Plastic Surgery Training with the National Health Service Education for Scotland Deanery and is a Fellow of the Royal College of Surgeons of Edinburgh.

Currently, Dr. Greenhowe is a paediatric plastic surgery fellow at The Hospital for Sick Children.

**Maiju Harma**

Maiju Harma completed her medical and plastics training in Helsinki University, Finland. She came to Toronto with her family last year for a micro fellowship at Toronto General Hospital and Mount Sinai and is very happy to be able to stay for a second year as a craniofacial fellow in SickKids hospital. Next summer she will return home and start her career as a staff in the Cleft Lip and Palate and Craniofacial Unit and Department of Plastic surgery at Helsinki University Hospital.

**Eduardo Gus**

Dr. Eduardo Gus completed his Plastic Surgery training in Porto Alegre, Brazil. In 2016, Dr. Gus did moved to Toronto to deepen his education in reconstructive Plastic Surgery, doing clinical fellowships on Burn Surgery and Breast Cancer Reconstruction at the Division of Plastic and Reconstructive Surgery, University of Toronto. In 2018, Dr. Gus is once again joining the Division for a fellowship on Paediatric Plastic Surgery, at the Hospital for Sick Children.

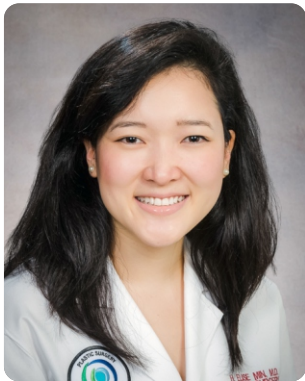
**Leslie Leung**

Dr. Leslie Leung grew up in Vancouver BC and completed his bachelors degree is pharmaceutical sciences. He practiced as a pharmacist prior to entering medical school at UBC. He completed both his MD and residency in Plastic Surgery at UBC. Dr. Leung is a Fellow of the Royal College of Surgeons of Canada.

Currently, Dr. Leung is Hand and Microsurgery fellow at Toronto Western Hospital.

**Emily Liu**

Dr Emily Liu grew up in Richmond Hill and completed her bachelors degree in Health Sciences at McMaster University. She obtained her MD from Western University, and stayed on to graduate from Western's Plastic Surgery Residency Program. Currently, Dr. Liu is a Hand & Microsurgery fellow at Toronto Western Hospital.

**Elise Min**

Dr. H. Elise Min received her medical degree at Stanford University School of Medicine. She completed three years of General Surgery training at Brigham and Women's Hospital (BWH), including a research year as an Arthur Tracy Cabot Fellow at the Center for Surgery and public Health at BWH and a Medical Education Research Fellow at the Academy at Harvard Medical School. She subsequently completed her Plastic Surgery residency program at the University of Washington in Seattle. She is currently the Oncologic and Microvascular Reconstruction fellow at Sunnybrook Health Sciences Centre/Odette Cancer Centre.

**Maleeha Mughal**

Maleeha Mughal is completing her Plastic Surgery training in the UK on the London Plastic Surgery Rotation. Originally from Lahore, Pakistan she grew up moving back and forth between London and Lahore. After graduating from medical school she completed her basic surgical training rotating through hospitals in the Yorkshire region. She then went on to join the London plastic surgery program. During her training she completed a Masters degree in Burns & Plastic Surgery from University College London and an aesthetic surgery fellowship at The London Clinic.

Dr. Mughal's subspecialty interest is microvascular reconstruction and she is looking forward to her time in Toronto to learn and further her experience.

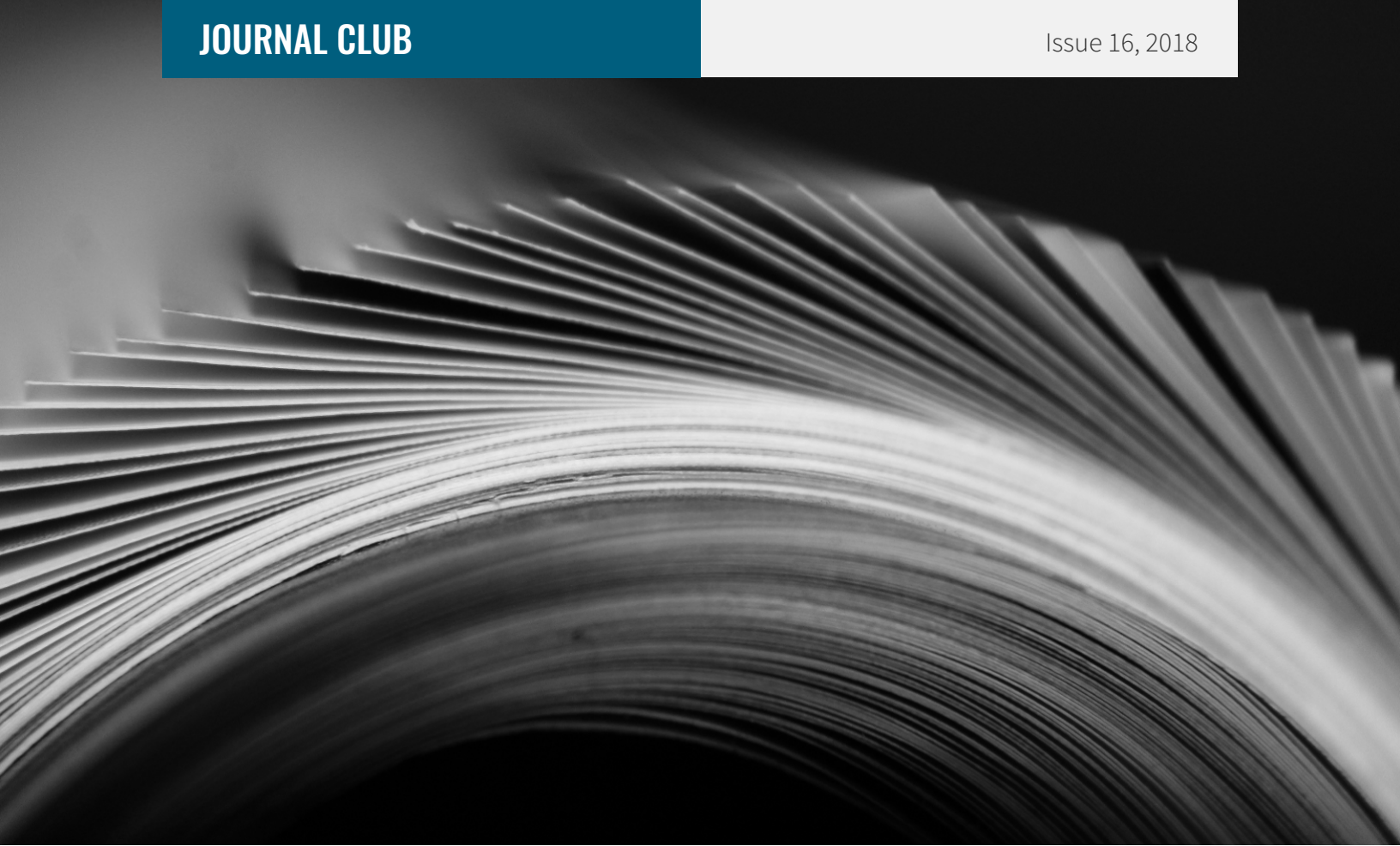
**Kathryn Sawa**

Dr. Kathryn Sawa grew up in London Ontario and completed her bachelors degree in Medical Sciences at Western University. She then moved to Canada's capital to obtain her MD from the University of Ottawa. Dr. Sawa is a graduate of the Plastic Surgery Residency Program at Western University (London, Ontario) and is a Fellow of the Royal College of Surgeons of Canada.

**Robert Strazar**

Dr. Robert Strazar grew up in North York and completed his bachelors degree in Life Science at Queen's University. He then moved to Hamilton to obtain his MD from McMaster University. Dr. Strazar is a graduate of the Plastic Surgery Residency Program at the University of Manitoba (Winnipeg, Manitoba) and is a Fellow of the Royal College of Surgeons of Canada.

Currently, Dr. Strazar is the Breast Reconstruction fellow at Women's College. In January he will continue his fellowship training at Toronto General and Princess Margaret Hospitals.



We held five journal clubs during the academic year. In an effort to improve attending surgeon participation, increase discussion, and encourage greater participation from all residents, the format was adjusted. At least two surgeons would select papers and residents were expected to have studied all papers, be 'put on the spot' and be able to succinctly present and interpret the literature.

We were moderately successful with these aims, and feedback from the sessions was consistently positive, despite ongoing challenges with enlisting attending surgeon participation as host, and attendance. With over 50 staff surgeons currently in the Division, only 4 or 5 surgeons attend on average, irrespective of the range of topics and value cited by residents, and few have been available to facilitate journal clubs.



We are extremely grateful to **Mentor** for their generosity and dedication in continuing to support our journal club over many years.

In September, **Healthier Balzer** highlighted the sensible use of opioids in hand surgery, while **Kyle Wanzel** facilitated discussion about a seminal paper on breast reduction, and **Alan Rogers** - the complex area of burn ear reconstruction, and the use of expanders.

November's Journal Club was held at the Monk's Table on Yonge Street, and attendance was excellent for discussion regarding craniofacial papers facilitated by **Chris Forrest**, operating room QI in burns by **Alan Rogers**, and breast cancer after augmentation by **Ron Somogyi**.

We have endeavoured to vary the venue for at least half of the journal clubs, either to a pub, or when possible, to someone's home. Undoubtedly one of the best journal clubs of the year was hosted at **Joel Fish's** house in February, where he and Jeff Fialkov facilitated discussion about articles relating to orbital fracture, chin augmentation and pain management in burns.

This was followed later in the same month by the Hoyle Campbell Visiting Professor Journal Club, featuring **Dr. Andrea Pusic**, from MSK Cancer Centre in New York. She engaged our residents with her experience during evaluation of journal articles relating to bleomycin for vascular malformations, quality metrics for breast reconstruction, and opioid use in breast surgery.

In May, **Siba Haykal** challenged the residents with some excellent insights relating to sentinel node biopsy in melanoma, the use of surgical drains, and free flap choices for lower extremity reconstruction.

We are truly appreciative of **Kathy Pavlovic** for her exceptional organization of educational event planning, and **Chris Forrest** and **Kyle Wanzel** for their tireless support of this important institution in postgraduate plastic surgical training.

We welcome constructive feedback, and especially volunteers from staff surgeons to host and facilitate these events. As such, **Dave Wallace**, has been elected as resident representative for the Journal Clubs, and aims to improve staff surgeon engagement while maintaining the breadth of clinical focus and resident enjoyment.

We look forward to your support during 2018-2019.



This past year, we held six Division M&M rounds where two senior residents presented cases for discussion at each session. The goal of rounds is first and foremost to explore, disseminate, and address errors or near-misses in a structured manner. Another goal is to give residents an opportunity to practice examsmanship through oral questioning.

Our residents put together an informative and interesting series of cases this year, stimulating important discussion and creating opportunities for quality improvement. Residents follow a standardized framework for presenting cases, ensuring that all pertinent information is delivered efficiently. A systems audit tool is included in order to identify causes and further highlight areas for quality improvement.

Many thanks are due to the faculty discussors, who give perspective to the cases and also create the educational experience for the residents. The discussion surrounding each case is often the most beneficial learning opportunity. Faculty participation is of great value in continuing quality improvement and we hope to continue a high level of engagement in the next academic year.

Our PGY1s undertook a QI project studying needlestick injuries in surgical residents and their findings were surprising – while a majority of residents sustained needlestick injuries, none of them completed all of the necessary bloodwork in follow-up, and 1 in 4 injuries were not reported. These results highlight an important opportunity for improvement, and hopefully next year's class can carry on with implementing positive change.

**KATHY PAVLOVIC**

Program Administrator

www.uoftplasticsurgery.ca

“People don't care how much you know until they know how much you care.”

- Theodore Roosevelt

I've heard it said, you can either be a thermometer and just measure the temperature, become like everyone else, or you can be a thermostat, and change the temperature.

This reflection for me is one that resonates with those with whom I have the pleasure of working alongside. The change-makers for me are the leaders in our Division, both past and present, as well as all of our current trainees and graduates. It is so awe-inspiring to witness first-hand the growth of the division as well as to observe the graduates from the sidelines. They are the light of the world... happy, friendly people of excellence, shining their light with their actions, not just with their words. There are those in this world that are considered slackers, but not in this Division... we have a multitude of faculty, trainees, fellows, and alumni who are giving it their best and that's what makes others want to become more like them... they want to shine too!

Okay, enough of the Division-Mom pride. This has most certainly been a year of growth and change in all aspects and one that has kept me rooted to my chair pounding out many emails, schedules, letters of support, financial reports, orientations, annual report, academic calendar, preparation of CaRMS, Hoyle Campbell Visiting Professorship, quarterly end of rotation exams, Canadian Inservice Exam, attending workshops for Competency by Design (CBD), committee meetings, maintaining several databases, as well as planning many social activities, visiting lectures, organizing awards and honorariums, divisional swag, and finally ending the academic year with our annual gala! (Just a snapshot of what I do all year!) It has been an absolute honour to have been nominated several times for the Program Administrator's Award as well as new this year: PAAC Award (Positive Achievement & Appreciation Certificate).

In addition to this, we have been busy making improvements to our website which includes highlighting the work that is being done in both peripheral nerve and wound care (www.uoftplasticsurgery.ca/programs/peripheral-nerve/). A brand new build of a Competency by Design page that contains all resources related to CBD (accessible via login and password only). We have also revitalized the entire Seminar section, thanks to the efforts of **Dr. Joan Lipa**, current trainee **Tomas Saun** and recent graduate **Sebastian Vrouwe**. There now exists only the most current-up-date seminars, all with a consistent naming convention along with study notes (generously provided by **Drs. Ryan Austin** and **Blake Murphy**).

The divisional website is cloaked in great design with ease of use, containing integrated social media buttons for Facebook as well as, soon to appear, Instagram feed. A debt of gratitude goes to **Helen Rubtsov** from AR Studio for the design, development, user experience, and creative direction!

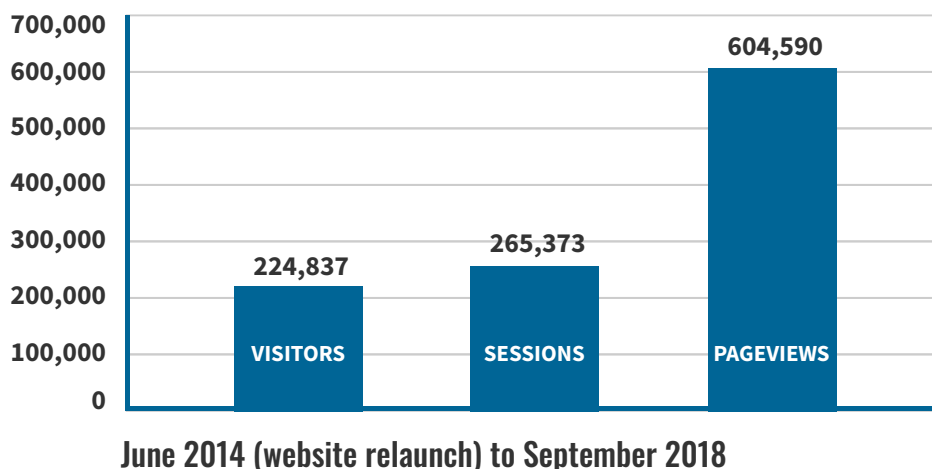
Coming Soon

Faculty Teaching Assignments Page which will be featured on the password-protected site. Faculty will be able to download their own divisional teaching reports, which can then be used towards CME credits, promotion applications, updates to their CV's etc. We hope you find the improvements to the website fresh and modern; we worked hard to make sure it contains valuable information to assist you with your needs.

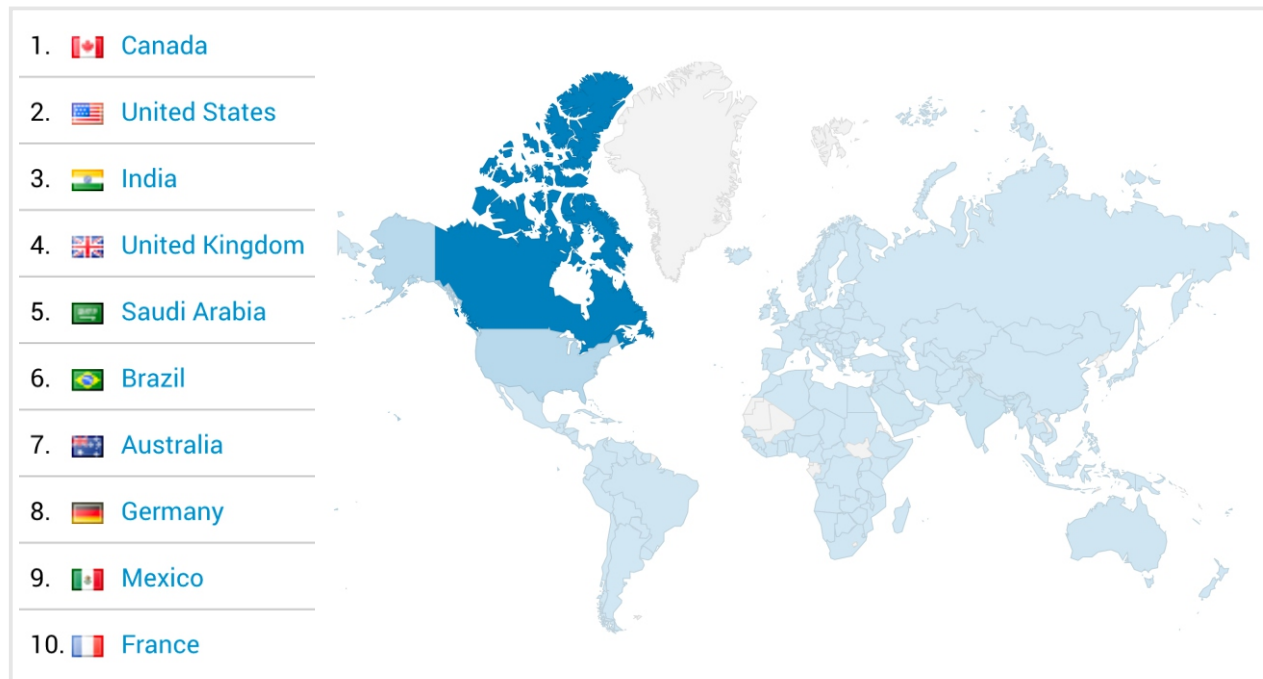
For any questions, suggestions, feedback or comments, please email me at: plastics.admin@utoronto.ca

Website by the Numbers

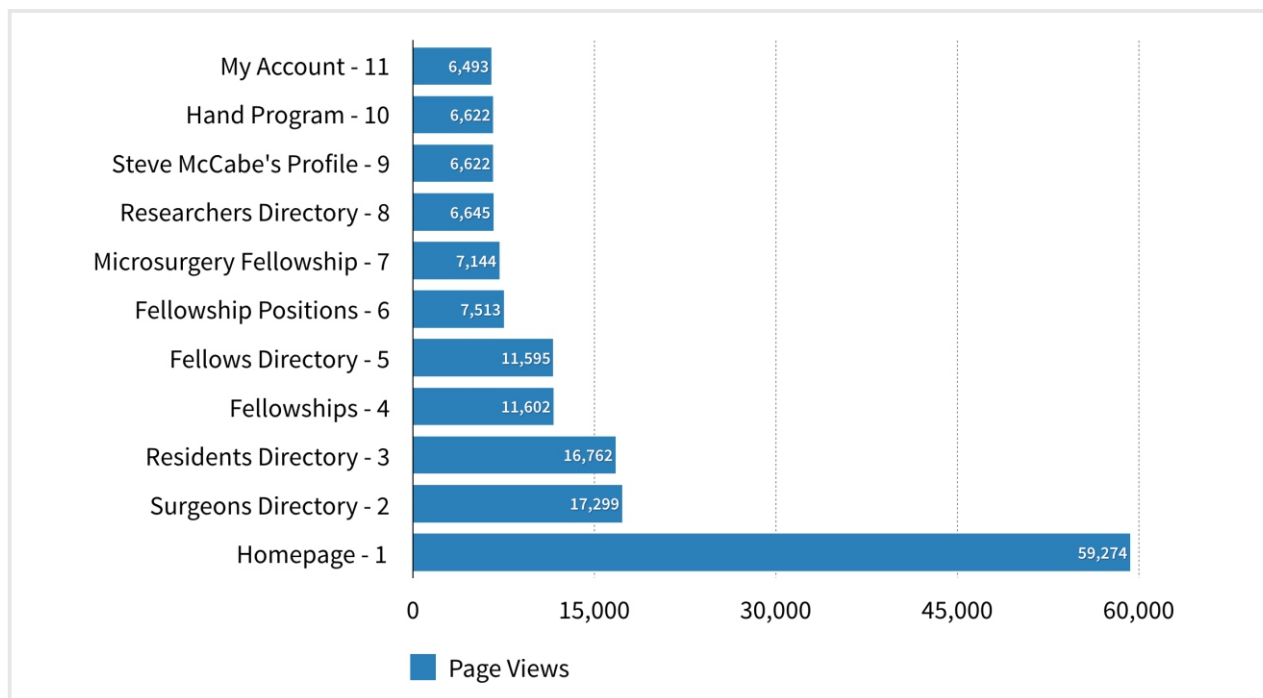
Below is a visual overview showing the number of visitors and pageviews since we relaunched our updated website in June 2014. Over the past four years, we've been able to reach nearly a quarter million visitors who viewed over half a million pages, with a steady upward trend!



Top 10 Locations



Top Visited Pages





DIVISION OF PLASTIC &
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Each June, the division hosts a wonderful celebration of many of the great accomplishments of the past year. 2018 Graduation Gala Dinner was held at One King West on June 29th, 2018. It was established to celebrate the success of the graduating class of residents and also acknowledge the alumni and welcome them back to the division.



First off, congratulations to the class of '18! It has been a pleasure working with Maryam, Jana, and Sebastian over the past 5 years and it seems like yesterday we were debating their qualities as potential residents at the CaRMS meeting. I think we called it pretty accurately with these three. They have been great residents and colleagues. Anyhow, we would like to wish them all the best in their fellowship adventures. Sebastian is heading cross continent to do a burn fellowship at USC in LA with Dr. Warren Garner. Jana will be joining the contingent of Mackinnon-ites and spending the year in St. Louis working with UofT alumna Dr. Susan Mackinnon. Maryam is heading south to work with ASAPs past-president Dr. James Grotting in Birmingham, Alabama for the year. Best of luck and don't forget to write!





Class of 2018!

Drs. Sebastian Vrouwe, Maryam al-Zamani, and Jana Dengler



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This year's Chair's "Above and Beyond" award (pretty much self-explanatory) was given to **Dr. Steve McCabe** (Hand Unit, TWH) for his continued support of the division, its activities and, most importantly, the residents. We are blessed with a faculty that makes choosing this award a hard choice but I think that Steve really deserves the recognition! He is well loved by residents and staff!



The Early Career Award is given to a staff person in their first 5 years of appointment and consists of a \$10,000 cash prize to support their research activities and is based on potential to make significant contributions to the specialty. This year, **Dr. Kristen Davidge** (SickKids) received the award in order to assist her research focus looking at chronic pain in children with obstetrical brachial plexus palsy. In the long-term, research on pain in OBPP will have wide-ranging implications in the understanding of central and peripheral pain processing in the neonate. Great work, Kristen.

Division Research Director Dr. Greg Borschel
with Drs. Davidge and Forrest



The Ron Zuker award was designed to honor someone who emulates Ron's characteristics of innovation, collaboration, being a good ambassador for the specialty, and global impact. This year's recipient is **Dr. Jamil Ahmad** who is developing a prominent reputation in the fields of rhinoplasty and aesthetic surgery.

The John Edward DeToro Scholarship was established in honour of John Edward DeToro by his wife, Diane DeToro and his children Michele DeToro and John DeToro Jr. This scholarship is awarded annually to a plastic surgery resident who has the highest standing at the annual Visiting Professor Clinical and Basic Science Research Presentations and who is not already in possession of another scholarship in that year. This year's recipient is SSTP trainee **Dr. Mélissa Roy** who recently successfully defended her MSc thesis entitled "Universal Measures of Support Are Needed: A Cross-Sectional Study of Health Literacy in Patients with Dupuytren's Disease" with supervisor: Dr. David R Urbach, committee members: Dr. Steven J McCabe.



A Chair's Career Service Award is given to people not necessarily members of the Division of Plastic and Reconstructive Surgery but who have played an important role in supporting the division and its membership over a sustained period. This year, it was a great pleasure to honor **Mr. Wade Bekar** who has supported the division for almost 25 years. Wade has been a terrific industry partner as a part of Dupuy-Synthes and has never failed to help both staff and trainees involved in the craniomaxillofacial world, either through setting up workshops or providing educational opportunities for the residents. Wade has been a fixture at the Annual Resident Research Day over many years and the Career Service Award is a small way to thank him for his support and acknowledge the division's gratitude.

Chris Forrest and Wade Bekar

This year we celebrated the alumni who graduated in 1988, 1998, 2008 and obviously 2018. Thanks to Ron Zuker as Director of Alumni Relations who handed out Chair's medals with '88 alumna Laura Tate (Michael Garron Hospital).



1. Class of 1998: Dr. Petra Schiller

2. Class of 2008: Dr. Alex Golger with Dr. Laura Snell and Dr. Vivek Panchapakesan

3. Class of 2018!

4. It has become an institution having our oldest alumnus Dr. Leslie Chasmar come to the graduation dinner and say a few words. Leslie is well into his 90's now and graduated in the "Farmer Years" - that's 5 chairs ago!



The fellows who come to Toronto to do subspecialty training are a different breed and arrive with a mission in mind.

We are blessed to have a terrific group of fellows from all over the world and in recognition for their time spent away from their homes, we gave them a little something different to remind them of their Canadian experience (as well as a piece of paper). Thanks to **Toni Zhong** for her work as Fellowship Director during the past year.



And finally, huge congratulations to the winners of the awards chosen by the residents themselves recognizing staff that have excelled in teaching and research mentoring. The 2018 Arnis Freiberg Faculty Teaching Excellence Award was presented to **Dr. Steve McCabe** (TWH-Hand Unit) and the 2018 William K. Lindsay Faculty Research Mentor Award was given to **Dr. Joan Lipa** (Sunnybrook Health Sciences Centre).

And there were some other awards given out that evening by the graduating class... here we go (a selection).

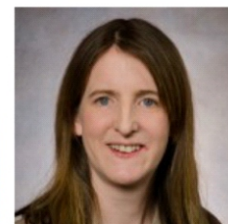
Dr. John Semple

Best Cameo in a Major Motion Picture



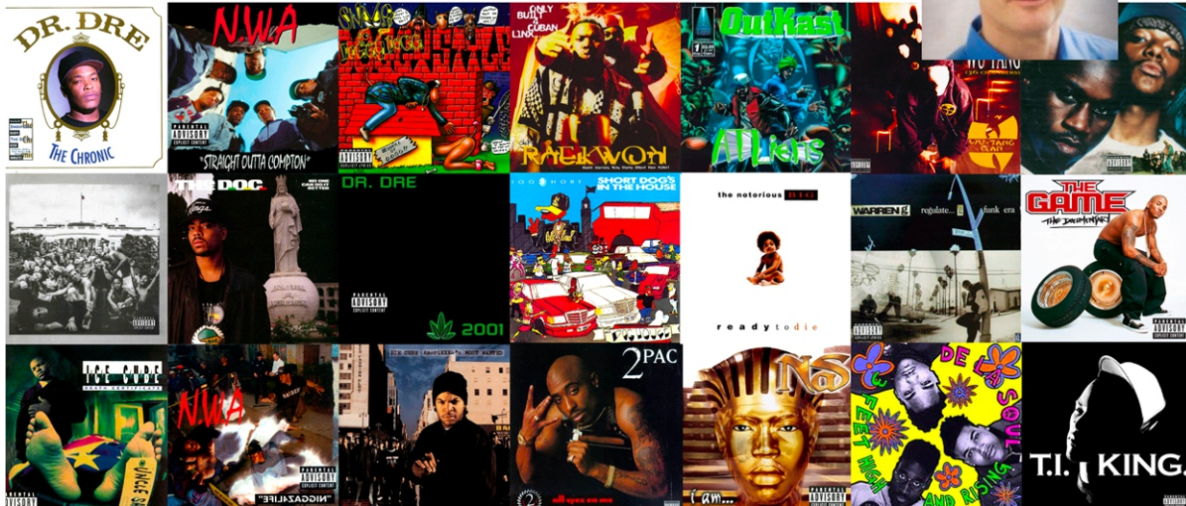
Dr. Anne O'Neill

Best Office Shoe Collection



Dr. Jeff Fialkov

Best Gangster Rap OR Playlist



Dr. Rob Cartotto!

Best OR Footwear



Dr. Chris Forrest!

Best Office Makeover

**Dr. Jamil Ahmad!**

Best Selfies 2013-2018



Dr. Joel Fish!

Best Text Messages

**Dr. Shar Shahrokhi!**

Best Hair Care Regimen



The division (and especially the Chair) would also like to thank **Kathy Pavlovic** for all her organizational skills in managing this event!

Next year, we will be moving to the King Edward Hotel for our Graduation Gala dinner.
Save the date: Thursday, June 20th, 2019.






For a gallery of all the pictures from the event, check out [this link >](#)

T.O. has become a hub for knowledge transfer and we are blessed to have had some heavy traffic of visitors during the past year.


Thanks to **Dr. Jamil Ahmad** for coordinating the GTA Lecture Series that is designed to bring our community partners and academic staff together over dinner and conversation. Thanks to KLS-Martin for sponsoring craniofacial lectureships each year.

Some of the people we hosted during the past year...


VISITORS: GTA LECTURE SERIES AND PROFESSOR'S ROUNDS




DR. GRAEME SOUTHWICK,
SYDNEY, AUSTRALIA




DR. PETER RUBIN,
UNIVERSITY OF PITTSBURGH




DR. OREN TEPPER,
MONTEFIORE, NYC



HUGH WILSON⁵



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University of Toronto



DR. BRAD CALOBRACE,
LOUISVILLE, KY



DR. MICHAEL KLEBUC (TEXAS) AND DR. FRANK HELLER (GERMANY)



DR. BOWORNILP CHOWCHUEN,
THAILAND



JACOB TREMBLAY



DR. MOUSTAPHA HAMDI
BELGIUM



DR. LORNE ROSENFELD,
CALIFORNIA 46



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DR. HUGH MCLEAN,
MISSISSAUGA



DR. KYLE WANZEL,
TO

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2018 Hoyle Campbell Visiting Professor Andrea Pusic, MD

Memorial Sloan Kettering, NYC
Associate Professor, Surgery, Weill Cornell Medical College



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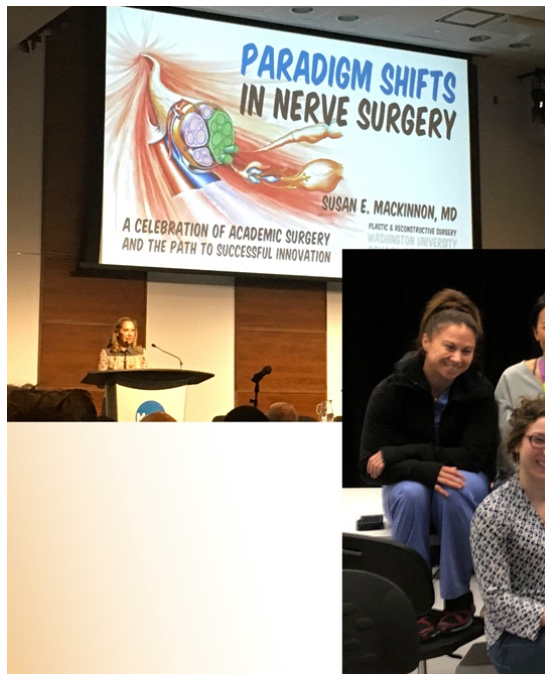


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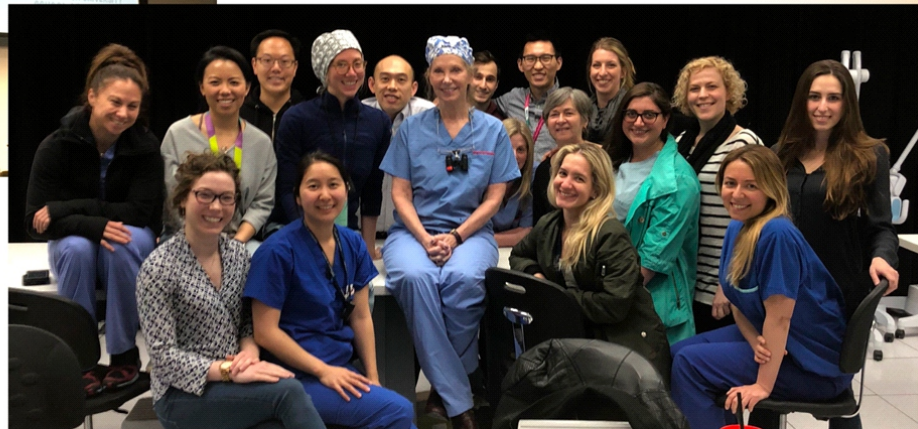


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Dr. Susan Mackinnon Surgical Skills Course, May 10, 2018



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16TH ANNUAL RALPH MANKTELOW LECTURESHIP OCTOBER 20 TH , 2017. TORONTO WESTERN HOSPITAL



DR. ISAM ATROSHI, SWEDEN 52



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

18th Annual Toronto Breast Surgery Symposium

 March 25, 2018

Welcoming leaders in aesthetic
and reconstructive breast
surgery

Guest Faculty



Peter Lennox, MD FRCSC
Clinical Professor
Head, Division of Plastic Surgery, UBC
Active Staff, Vancouver General Hospital



Tracy M. Pfeiffer, MD, MS
Private Practice, New York City
New York, USA



C. Andrew Salzberg, MD
Professor and Chief Division of Plastic Surgery
Icahn School of Medicine
Mount Sinai Medical System
New York, NY



Graeme Southwick OAM MB BS FRACS FACS
Chairman
Melbourne Institute of Plastic Surgery
Malvern, Victoria
Adjunct Senior Lecturer
Department Anatomy & Cell Biology
& Hudson Institute of Medical Research
Monash University
Clayton, Victoria
Australia



DIVISION OF PLASTIC &
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Division of Plastic and Reconstructive Surgery
Department of Surgery, Faculty of Medicine
University of Toronto

48th Annual**Toronto Aesthetic Plastic Surgery Symposium**

April 13 - April 14, 2018 - Omni King Edward Hotel

Guest Faculty

Faculty Guest Faculty Organizing Committee Faculty Disclosure**Dr. Alfredo E. Hoyos, MD**Bogota, Columbia
The University of Toronto Visiting Professor**Graeme Southwick, OAM MB BS FRACS FACS**Chairman
Melbourne Institute of Plastic Surgery
Malvern, Victoria
Adjunct Senior Lecturer
Department Anatomy & Cell Biology
& Hudson Institute of Medical Research
Monash University
Clayton, Victoria
Australia**Dr. Tim J. Marten, MD**San Francisco, California
The Walter J. Peters Lecturer**Lorne K. Rosenfield, MD**Professor UCSF and Stanford University
Private Practice, Burlingame, California

Faculty

Faculty Guest Faculty Organizing Committee Faculty Disclosure**Jamil Ahmad, MD FRCS**

Mississauga, Ontario

Ryan E Austin, MD FRCS

Mississauga, Ontario

Thomas A B Bell, MD FRCS

Toronto, Ontario

Scott K M Barr, MD FRCS

Sudbury, Ontario

W Bryan Callaghan, MD FRCS

Ottawa, Ontario

Wayne W Carman, MD FRCS

Toronto, Ontario

Julia Khanna, MD FRCS

Ottawa, Ontario

Peter A Lennox, MD FRCS

Vancouver, British Columbia

Frank R Lista, MD FRCS

Mississauga, Ontario

Walter Peters, MD PhD FRCS

Toronto, Ontario

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surgery
cine**3^{RDS} OBSTETRICAL BRACHIAL PLEXUS
PALSY WORKSHOP: MAY, 2018**

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On February 2nd 2018, we celebrated all that is good in the division with our 34th Annual Resident Research Day and had the remarkable honour of hosting Dr. Andrea Pusic, MD, MHS, FACS, FRCSC as our Hoyle Campbell Visiting Professor.

As a Canadian (we are very proud of that fact), **Dr. Pusic** is no stranger to the Toronto division as she has worked with several of our faculty members and has been an invited speaker at our Professor's Rounds. Andrea is currently transitioning from her position at Memorial Sloan-Kettering Cancer Center in New York to assume the role of Chief of Plastic Surgery at the Brigham and Women's Hospital, Harvard University in Boston and we were very grateful that she was so generous with her time and expertise.

The Hoyle Campbell Lecture was entitled "Patient-reported outcomes in Plastic Surgery: Guiding clinical care and assessment of quality, value and comparative effectiveness." This is a great story and a remarkable example of a quantum shift in our specialty. Andrea has inspired a generation in her PRO work and set the bar at an exemplary level. All that and such a great role model, too!



On June 4th, our resident crew took to the water and paddled their way to the Toronto Island where they held their now traditional annual retreat.

This year's event was organized by **Hélène Retrouvey**, **Natalia Ziolkowski**, **Monica Yu**, **Jessica Shih**, and **Joseph Catapano**, and was designed to cover a range of discussion topics that included transitioning into and out of residency, being a parent and a resident, mentoring, as well as practical issues of resident-fellow interactions, enhancement of educational opportunities in clinic, resident distribution and the like. Once all the problems of the world were solved, the day was spent with a scavenger hunt and some food... always a good combination.



For the third year in a row, our division hosted a Career Night to showcase to the medical students exactly what we do as Plastic and Reconstructive Surgeons. So on November 20th, we had over 100 students from across the province attend and participate followed by beer, pizza and a chance to mingle with members of the division at the Peter Gilgan Research and Learning Centre at SickKids.

Many thanks to **Hélène Retrouvey** for masterminding the event this year and organizing a great evening. The idea behind this came from a paper that **Ryan Austin** and **Kyle Wanzel** published in 2015 that demonstrated 85% of medical students have had *no/zero/nada* exposure to Plastic Surgery during undergraduate medical training. No wonder that most docs don't know what we do!

Exposure to plastic surgery during undergraduate medical training: A single-institution review. Austin RE, Wanzel KR. Plast Surg (Oakv). 2015 Spring;23(1):43-7.

The evening has a two-fold purpose: to help educate the new generation about what we do and to attract the best and the brightest to our specialty. The Breakout Room sessions were very enlightening listening to the scope and breadth of what we do. Even I was impressed!

I would like to personally thank the following division members for being so generous with their time: Howard Clarke, Steve McCabe, Melinda Musgrave, Alan Rogers, Emily Ho, Ron Somogyi, Mitch Brown, Karen Cross, John Semple, Monica Yu, Joseph Catapano, Dale Podolsky, Rayisa Hontscharuk, Hélène Retrouvey, Whitney Quong, Katie Armstrong, Andrée-Anne Roy, Blake Murphy, Mélissa Roy, Natalia Ziolkowski, Kevin Zuo, and Thomas Saun. It was a busy week!



Dr. Howard Clarke describes a week in his life



How many surgeons does it take to get a PowerPoint presentation to work?



Standing room only

All work and no play... well, you know the rest. It is important for a program as large as ours to have an opportunity to get together for not-so-academic reasons. The paradox is that we often see each other more at meetings than we do at home. Here are a few of the events that were held last year.

CIBC Run for the Cure

The Plastic Fantastic Team had a great showing at this year's CIBC Run for the Cure. This is now an annual event (and for those residents participating, counts towards health advocacy honours as part of the CanMEDS roles). Thanks to **Mélissa Roy** for organizing the team again this year.

Some pictures from the race – **Mitch Brown** must have been the one taking them as he always participates in this event.

Next CIBC Run for the Cure is scheduled for **Sunday, September 30th, 2018**. Please register now to show your support!



Sketch Night

The last day of February was a special event night in the division and we all descended on **Katie Armstrong** and her husband **Jordan's** brew-pub Rainhard (rainhardbrewing.com) for a test of daring and skill. Many of us are used to being observed in the OR demonstrating the artistic skills that we as Plastic Surgeons are renowned to have. It was a little different on February 28th as we truly put our artistic skills to the test thanks to our own artist-in-residence, **Dr. John Semple**. The concept was a Sketch Night where John put us through our paces with paper and pencil, learning about facial proportions and then attempting to put them to good use with gesture drawing exercises... soon to be followed by line drawings and made all the more simple through the liberal application of some remarkable brews!

As the result of the evening's endeavours, I am happy to announce the creation of the Black Beret Society - all you need is some courage and a pencil with sketch book.

Thanks so much to Katie and Jordan for being such great hosts and allowing us to play in their back-yard.



Division artist-in-residence John Semple



The gear



2B or (not 2B) 4B, your choice



Steve McCabe and Ryan Austin



Pierre Lapaine, Karen Chung, Kathy Pavlovic, and Kevin Zuo



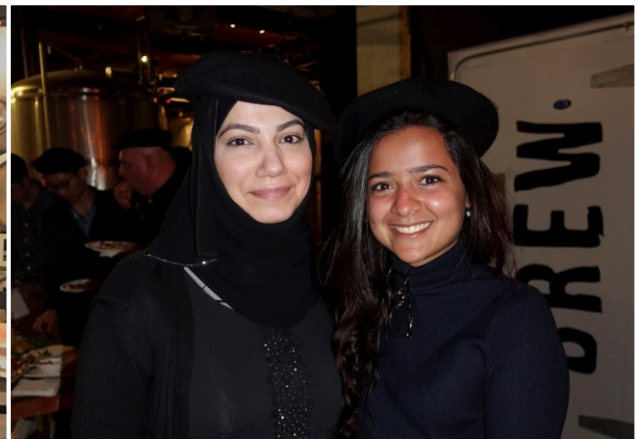
Hélène Retrouvey, Natalia Ziolkowski, and Katie Armstrong



An example of the ideal facial proportions



Celine Yeung, Kevin Zuo, and Rayisa Hontscharuk



Mona Al-Taha and Mawaddah Alrajaji



Overflowing with talent! Check out the next page...



Chris Forrest and Kathy Pavlovic

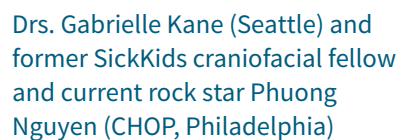
Sketch Night



As always, the annual UofT Alumni and Friends was held on Saturday, October 7th at the Hilton and it was terrific to catch up with old friends. This event had its inception at the San Diego Meeting in 2013 and continues to be a great opportunity to connect. Remarkable how time flies...



Drs. Peter Neligan, H  l  ne Retrouvey, and
ICOPLAST Chair Howard Clarke



Drs. Mark McRea, Natalia Ziolkowski, Mélissa Roy, and UHN-TGH staff surgeon Anne O'Neill



Drs. Shaikhan Al Hashmi UofT alumnus (2015) now in Oman and Mark McRea (MacMaster, Hamilton)



UofT alumnus and SoCal resident Dr. Bryan Boyd (UCLA) and Dr. Hélène Retrouvey



When Irish eyes are smiling...
Dr. Peter Neligan originally from Dublin with former UofT fellow, Mr. Sean Carroll who currently works there



The old and the new: Phuong, Chris Forrest, and Mark McRae

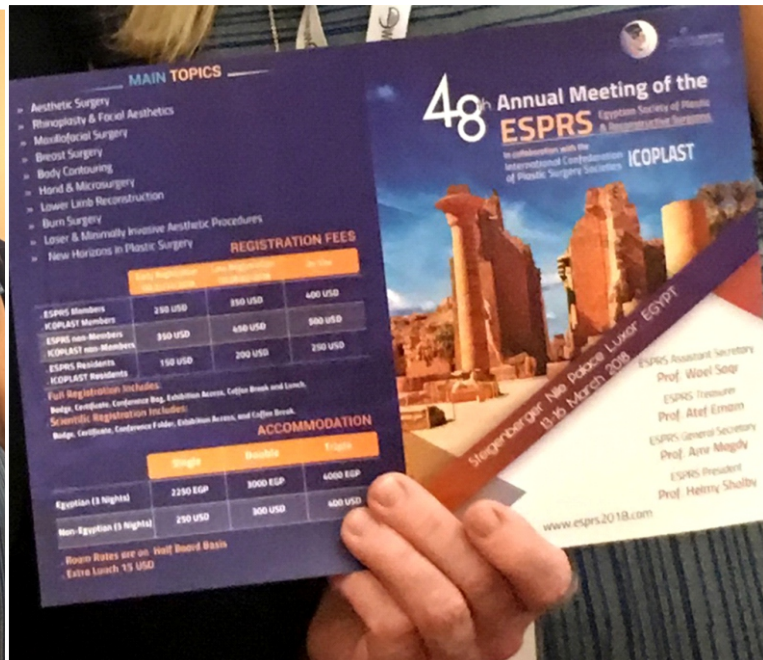
Alumni and Friends



When it comes to knowing someone who knows someone from Ireland, there is only 1 degree of separation. Both Dr. Giorgio La Scala (Geneva, Switzerland) and Mr. Sean Carroll (Dublin, Ireland) shared experiences as fellows at SickKids.



Former SickKids craniofacial fellow Dr. Jessica Ching (University of Florida, Gainesville) and Chris Forrest



ICOPLAST Chair Dr. Howard Clarke with former SickKids fellow Dr. Alison Snyder-Warrick (Washington University, St. Louis) proudly showing off the brochure for the very first ICOPLAST-sponsored event to be held in Egypt

“Photography is a way of feeling, of touching, of loving. What you have caught on film is captured forever... It remembers little things, long after you have forgotten everything.”

— Aaron Siskind

“Photography takes an instant out of time, altering life by holding it still.”

— Dorothea Lange

We are a very visual specialty - we say it won't heal without a photograph. I suspect many of you extend your photographic skills beyond the clinical realm. They also say a picture is worth a thousand words... okay, enough of the clichés.

I thought it may be interesting to use photographs to highlight the essence of the past academic year in the division of Plastic and Reconstructive Surgery at the University of Toronto. And so, here we go. I think these are my pick of the best photographs of the 2017-2018 academic year. Disclosure: none of them are actually taken by me (many thanks to SickKids photographer Dodge Baena who did!) and my apologies for any I may have missed.



SickKids craniofacial fellow Dr. Andrée-Anne Roy at the Warhol Museum in Pittsburgh during this past year's ACPA meeting demonstrating a normal occlusion



The top image is the prep shot for the one below. It was taken at the Third Obstetrical Brachial Plexus Palsy Symposium in May 2018. Apparently Dr. Howard Clarke was asked by the photographer to move back a little - if you look carefully, he did move back, right on to the lap of former SickKids fellow and University of Washington, Seattle staff, Dr. Ray Tse. The after-shot is below. Looks a little more respectable.



The movie “Wonder” was a story about Auggie, a young boy with Treacher Collins syndrome and starred Julia Roberts and Owen Wilson with Vancouver actor Jacob Tremblay. As inspiration for his role, Jacob used letters from patients in the SickKids craniofacial program describing life with a facial difference. When the movie premiered in November 2017, Jacob visited SickKids and did a special “Blue Carpet” premier with the letter-writers. Thanks to Social Worker Farah Sheik (next to Chris Forrest) who inspired and coordinated the event.



The CSPS is always a great event, even when its pouring down! Check out Drs. Laura Tate, Melinda Musgrave, Kyle Wanzel, Damir Matic, David Fisher, and Leila Kasrai with big smiles at this year's event in Jasper... can't dampen the spirit!



Dr. John Semple is a man of many talents and is a great example of how we can extend the creative spirit of our specialty into other, apparently unrelated worlds. John partnered with TO design and fashion icon David Dixon to create a piece symbolizing the journey of women with breast cancer...and as part of it, he got to walk the runway.



We have a tradition at UofT of giving our visiting professors Maple Leaf paraphernalia perhaps in the hope that it may stimulate our team to do better. Thanks to Jamil Ahmad, Frank Lista, and Stefan Hofer with Professor Moustapha Hamdi from Belgium. Unfortunately our best intentions for the Leafs never panned out.

What more could you ask for? A great brew-pub, an amazing instructor and a bunch of happy students. The division exchanges their scalpels for pencils and learns how to sketch the human visage. The berets were accessories to help everyone get in the mood.



While not quite from the past academic year, I love the graduating class of 2017 at the Gala Dinner - it was taken by Dodge who has a remarkable eye. It could easily be on the cover of Vanity Fair or GQ.

Drs. Ezdehar Fallatah and Prakash Fellow Dr. Faith Muchemwa from Zimbabwe. I like this image as it reminds me of the impact the division can have in places far away from the hustle and bustle (and construction) of Toronto.



This is a photo of a photo... the story behind it relates to Dr. John Phillips questioning whether Justin Timberlake was relevant anymore, leading to the SickKids OR nurses buying him a tee-shirt at Mr. Timberlake's concert that evening.



This was taken at the annual Medical Student Career Night that is held to showcase the scope and breadth of the division to the next generation. I love the way it shows how Dr. Howard Clarke can captivate the room.



We have a busy CME schedule. This image demonstrates all stages of experience. The Toronto Western Hospital Hand Unit with friends at this past year's Ralph Manktelow Upper Extremity Day. What an amazing collection of hand and upper extremity expertise! From left to right, Drs. Herb von Shroeder, Ralph Manktelow, Dimitri Anastakis, Heather Baltzer, Isam Atroshi, Matt Furey, Doug Ross, Brent Graham, and Steve McCabe.



Jumping for joy - another division tradition with our annual Resident Research Day Visiting Professor, Dr. Andrea Pusic.



Just to show how it's not all about work. The house-staff at the annual Resident Retreat.



Our oldest alumni with the graduating class of 2008 holding their Chair's Medals. Dr. Leslie Chasmar graduated from the University of Toronto in the 1960's and has been a fixture at our graduation gala event for the past few years.



The division has a far reach to all corners of the globe thanks to its active fellowship program. Fellowship Director Dr. Toni Zhong with some of the gang from 2017-18. Check out Aussie Nelson Low in the background!



The best of the best. I like this photograph of Ross Tilley Burn Centre Director Dr. Marc Jeschke with this year's Lister Prize awarded to an investigator who has shown outstanding and continuing productivity of international stature as evidenced by research publications, grants held, students trained and other evidence of stature of the work produced... a small moment in a huge career!



The class of 2018. Happy faces!



Happy holidays from the SickKids crew of fellows - all wearing their tackiest holiday sweater (or jumper).



This is an iconic moment in the division's year. Program Director Dr. Kyle Wanzel in Jasper with the team that won this year's Challenge Cup. The look on Kyle's face says it all.

I am sure that there are a ton more images that come to mind but I think these all typify the personalities, academic profile and range of the division.

*"Which of my photographs is my favorite?
The one I'm going to take tomorrow."*
— Imogen Cunningham

**DR. RONALD M. ZUKER**

Chair, Alumni Relations

This has been a busy year for the Alumni Relations Team. As background, our five year plan is designed to increase our alumni interaction. To accomplish this, we have set out three stages:

1. Track our alumni and create an up to date data base of graduate residents and fellows.
2. Put in place measures whereby alumni feel like they are part of our divisional family.
3. Introduce special projects that our alumni will willingly support.

This year we have finalized phase one as we now have a complete list of not only our previous residents but also our fellows – both clinical and research. Phase two is well on its way to completion. This year we have held divisional receptions at ASPS in Los Angeles and at CSPS in Jasper, to provide for alumni networking opportunities and to catch up with friends. Our advanced communication system continues to bring us together and make our alumni feel part of our University of Toronto group. The Chair's column, our newsletter and “What's Going On” have all been well received. This year, with the help of Dr. Jamil Ahmad, a social media platform has been set for further timely alumni engagement. Our annual graduation gala this June 2018 saw further outreach to our alumni. The Chairman's Medal introduced in 2016 was given to our postgraduate trainees of 1988, 1998, 2008 and of course 2018. Special recognition of our most senior alumnus Dr. Leslie Chasmar (1956) and our distinguished alumna Dr. Laura Tate (1988) was given as these two alumni assisted with the distribution of eight medals.

Our latest initiative this year has been the introduction of our fellow recognition program. In addition to the certificates that Dr. Toni Zhong presents to our fellows, our Alumni Team launched a Division of Plastic and Reconstructive Surgery recognition gift for our outgoing 18 fellows, that we hope will bring back wonderful memories. We plan to continue this tradition on a go forward basis.

Phase three is still in evolution, but our hope is to launch a special project appeal in the near future. This is quite timely, as our departmental surgeon scientist program is experiencing funding problems.

Future Plans

Our alumni team continues to search for new methods of engagement. This 2018/2019 academic year we will introduce the concept of fellow recognition at our various subspecialty divisional academic days, ie. Aesthetic Symposium, Breast Symposium, Burn Symposium, Pediatric Symposium, Research Symposium and Hand Symposium. We would like to have a former fellow selected by the Chair of the Symposium to be formally recognized in the program, and be named the “Subspecialty Plastic Surgery Fellow for 2018”. That fellow will give a short 2 to 5 minute thank-you, detailing what his/her fellowship has meant and write a short comment on the fellowship for this newsletter and our other divisional publication “What's Going On”. We plan to trial this in October 2018 at our Pediatric Symposium.

Now that we have as complete a list as possible of our alumni, and have instituted a variety of vehicles to engage our alumni, we are in a much better position to work with our advancement office and explore opportunities for the creation of special projects that will further enhance our division.

HOSPITAL FOR SICK CHILDREN

HOSPITAL FOR SICK CHILDREN



The year has flown by and our group at SickKids has been granted the opportunity to grow an additional surgeon to 9.0 FTE's, making it the largest group of full-time dedicated pediatric plastic surgeons on the continent.

With a new electronic medical record system and plans for a brand-new building (Project Horizon), this is an exciting time for the Hospital for Sick Children. It has been a great year at SickKids - here are a few of the things that have happened!

Dr. Christopher R. Forrest

Dr. Ron Zuker, although officially retired, continues to have an executive role in SickKids International and participates in the occasional clinical case. In June, Ron was recognized by Dean Trevor Young and received a Dean's Alumni Lifetime Achievement Award for Global Impact.



Dr. John Phillips has had a busy year racking up the airmiles travelling to Israel, Saudi Arabia, Australia and Vietnam to visit former fellows, co-organizing an interesting meeting in Vail, Colorado studying craniofacial morphometrics as well as working with an NGO Facing the World to help establish craniofacial surgery centres in Vietnam.





John Phillips in Saudi Arabia with former UofT fellow Dr. Sami Al-Issa on his left



Mr. Bryan Sommerlad with former SickKids fellow Dr. David Chong with John and Chris in Sydney



Craniofacial morphometrics meeting in Vail



John and Chris in Sydney, Australia with former SickKids fellows Drs. Jonathan Wheeler and Jono Burge

HOSPITAL FOR SICK CHILDREN

Drs. John Phillips and **David Fisher** have been recruited to participate in the combined Mount Sinai-SickKids Fetal Medicine Program and have participated in in utero myelomeningocele repair with Neurosurgery. This has been shown to improve neurological outcomes and reduce shunt rates in children with spina bifida. Check it out here: www.sinaihealthsystem.ca/news/province-invests-4-million-to-create-a-new-fetal-medicine-centre-at-mount-sinai-hospital/

Drs. Howard Clarke and **Kristen Davidge** organized the second Obstetrical Brachial Plexus Palsy (OBPP) workshop this past May. This was a unique opportunity to invite seasoned clinicians in multiple disciplines to have high level discussions regarding specific topics related to OBPP in addition to assessing patients who attended the session.



In addition to flexing his muscles in mentoring OBPP surgeons across the continent, **Howard Clarke** has a busy time as Chair of the Board of Directors for ICOPLAST and Head of the Promotions Committee for the Department of Surgery. Howard has had the unique distinction of being the President or Head of multiple important associations over the past few years, including the Canadian Society of Plastic Surgeons, the American Society for Peripheral Nerve and now ICOPLAST. Pretty impressive way to top a career.

Congratulations to **Dr. Karen Wong Riff** who has had a busy year being a new mother, successfully defending her PhD, publishing her work on the Cleft-Q Patient Reported Outcomes and passing her Continuing Appointment Review.



Dr. Wong Riff with Drs. Chris Forrest and SickKids Surgeon-in-Chief Chris Calderone

HOSPITAL FOR SICK CHILDREN

Joel Fish and the SickKids Burn Team successfully received accreditation from the American Burn Association for the second time last fall. This is a remarkably vigorous process and a huge amount of work that goes into this.



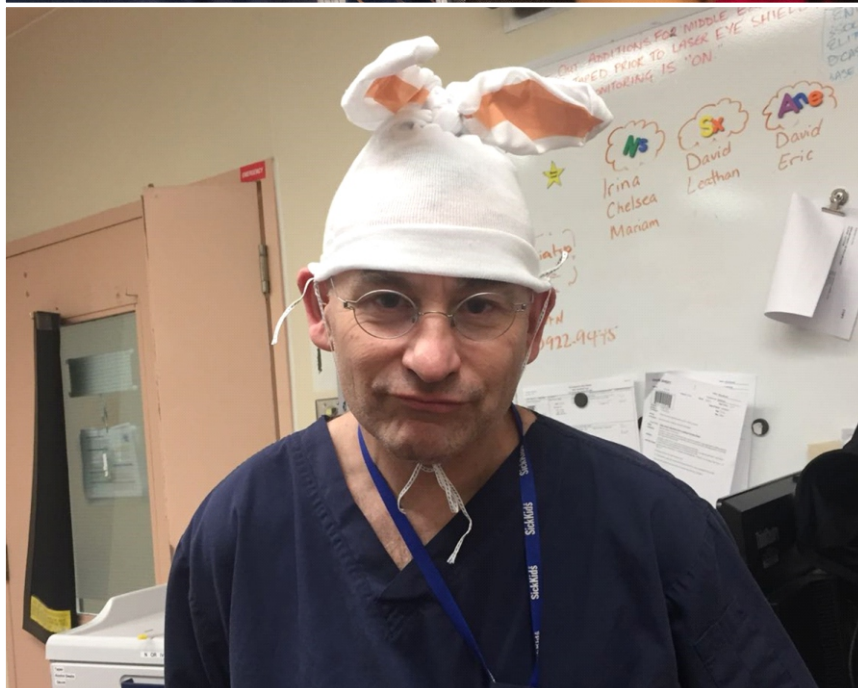
SickKids Burn Team 2018



Dr. Christine Novak

The division welcomed **Dr. Chris Novak** to the team in June 2018. Chris has been part of the Hand Unit at the Toronto Western Hospital for many years and recently transitioned to SickKids as Research Associate.

Dr. David Fisher started his career at SickKids in January 2000 and this past spring was successfully promoted to Full Professor in the annual appointments. This is reflective of a career that has contributed in significant and meaningful ways to the advancement of the specialty. The Fisher cleft lip repair has become a standard and David's influence on cleft care has been felt all around the globe.



The bunny ears version of Dr. Fisher's traditional OR attire

HOSPITAL FOR SICK CHILDREN

Dr. Chris Forrest's leadership as Division Chief was reviewed in November 2017 by alumnus Dr. Richard Hopper (University of Washington, Seattle) and he has been successful in being reappointed for a 4th term. Chris was also a PSF Visiting Professor during the past academic year and enjoyed visiting multiple centres across the US including USC in LA, Duke, Hershey, LSU and USC-San Diego. The weird thing is that both times he visited California, it absolutely poured down. His skills as a rain-maker are improving!



Dr. Forrest with a surgical prop from the set of “Greys' Anatomy”
(visit courtesy of Dr. Mark Urata, USC)

Congratulations to **Dr. Kristen Davidge** who was awarded a Thrasher Early Career award “Chronic pain in children with obstetrical brachial plexus palsy”. The fact that children with OBPP experience pain has only recently been recognized because children with OBPP do not start reporting pain in their affected upper limb until late childhood or adolescence, a decade or more after the initial nerve injury. In the long-term, research on pain in OBPP will have wide-ranging implications in the understanding of central and peripheral pain processing in the neonate. In addition, Kristen also received the Chair's Early Career Award given to a new staff person demonstrating promise in the early years of their appointment.



Divisional research director Dr. Greg Borschel with Dr. Kristen Davidge and Chris Forrest

HOSPITAL FOR SICK CHILDREN

The division is really fortunate in having **Emily Ho** as the Division Research Director. Em does an amazing job coordinating the summer students, residents and fellows in the research world as well as making sure REB approval runs smoothly. Emily will be defending her own PhD this fall.



Emily just completing the Ottawa Marathon with her daughter Caroline who did the kid's version

Dr. Greg Borschel has had a very productive year, mentoring **Dr. Joseph Catapano** (Surgeon Scientist Program graduate) to success at the Plastic Surgery Research Council in Birmingham, Alabama this past spring as well as at this year's Gallie Day. Josephs' work performed in the Borschel lab on corneal reinnervation in a rat model won Joseph the Clifford C. Snyder award for the best resident paper at the PSRC and the first prize for e-poster presentation at Gallie Day. Current Borschel lab and SSTP trainee **Dr. Kevin Zuo** won first prize at the recent SickKids Perioperative Services Josie Walther Research competition receiving first prize in the pre-clinical research category for his presentation "Brief Electrical Stimulation Enhances Axon Regeneration through a Nerve Graft". Greg continues to champion and refine his unique procedure for corneal reinnervation in patients with insensate corneas and has attracted observers from all over the world. Congratulations to Greg for being awarded position of Chairman Elect for the PSRC and returning the PSRC to Toronto in 2020 for the 65th Annual Meeting.

And finally, Dr. Hugh G. Thomson, MD, MSc, FRCSC (1930 – 2012) was Professor Emeritus in the Division of Plastic and Reconstructive Surgery, University of Toronto and staff surgeon at the Hospital for Sick Children for 43 years (1960 – 2003). During his tenure, he mentored and influenced hundreds of students, residents and fellows and was integral in shaping the Canadian Society of Plastic Surgeons with the introduction of the “Resident's Corner” and “Beyond the Knife”. Above all, Dr. T was known for his values of collegiality, honesty, generosity, mentorship and humanitarianism. To commemorate his legacy, the Thomson family and the Division of Plastic and Reconstructive Surgery at the Hospital for Sick Children have established an award in his name to be given to the trainee in Plastic and Reconstructive Surgery who best emulates his philosophies as a humanitarian.

This year's award was presented to **Dr. Hélène Retrouvey**. Hélène is currently pursuing her PhD in the Surgeon-Scientist Training Program under the supervision of Dr. Toni Zhong. Dr. T would have been very proud of Hélène's accomplishments!



Dr. Forrest with Hugh G. Thomson
Humanitarian Award recipient
Dr. Hélène Retrouvey

HOSPITAL FOR SICK CHILDREN

Fellows Report

We have been blessed with a fabulous group of fellows this past academic year and we were truthfully sorry to see them leave.

Dr. Andrée-Anne Roy (Pediatric Craniomaxillofacial Surgery) has done an admirable job trying to teach our Aussie fellows to be bilingual and will be returning to her native Montreal to take a job at St. Justine Hospital.

Dr. Nelson Low (Pediatric Plastic Surgery) had a fantastic year at SickKids and helped in completing the study examining the efficiencies of consults to our service from the ED in addition to organizing the schedule for the house-staff for the year. Nelson will be returning home to a position in Melbourne, Australia.

Dr. Leathan Domeschek (Pediatric Plastic Surgery), who trained with Susan Mackinnon in St. Louis, was awarded the WK Lindsay Research Award for the best pediatric plastic surgery research project this past year. Leathan will be joining ex-SickKids fellows Drs. Brooke French and David Khechoyan at Denver Children's Hospital for a staff position.

Dr. Michael Rtshiladze (Pediatric Craniomaxillofacial Surgery) and his wife Penny had a baby girl during their year in Toronto and now have permanent ties to the country. Michael will be returning to Sydney, Australia to practice pediatric craniofacial surgery.

Dr. Terence Kwan-Wong (Pediatric Plastic Surgery) was so good we decided to keep him on for a while. Terence completed his fellowship and has been appointed as locum with our group for the next year. As a unique gesture of thanks, all staff received the following as a gift from the departing fellows (last photo on the next page). Thanks for all the hard work that you did and all the best for continued success in the future!



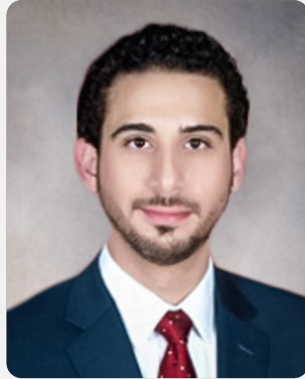
Michael, Nelson, Leathan, Andrée-Anne, and Terence



The fellows in 3D

HOSPITAL FOR SICK CHILDREN

And a big welcome to the new crew! Big shoes to fill but definitely capable.



Dr. Hatem Alnoman
(Saudi Arabia)



Dr. Maiju Harma
(Finland)



Dr. Eduardo Gus
(Brazil)



Dr. Jennifer Greenhouse
(Glasgow, Scotland)

MICHAEL GARRON HOSPITAL

MICHAEL GARRON HOSPITAL



Dr. Linda Dvali

We are a full-service community teaching hospital that has served the diverse, multi-cultural community of southeast Toronto since 1929.

The hospital provides a full range of primary and secondary acute care services, complex continuing care services and select tertiary care services. These include a progressive weaning centre of excellence and a top-level thoracic program. In addition, MGH is a respected teaching and research partner of the University of Toronto and many other educational institutions.

The Division of Plastic Surgery includes four surgeons: **Dr. Brett Beber**, **Dr. Linda Dvali**, **Dr. Atul Kesarwani**, and **Dr. Laura Tate**. We manage all basic, community plastic surgery problems. Areas of focus include breast surgery, hand surgery, and skin malignancies.

Special Events

On April 25th, we kicked off the **Heart of the East** campaign in a big way: with the ground-breaking of our transformed hospital campus and a \$12.5-million gift from Peter and Diana Thomson. They are transforming our East Toronto community - because when people are healthy, they can contribute more fully to their families, communities, and society.

In July, the **9th Annual Food and Wine Celebration** commemorated our nation's birthday, featuring homegrown wine and cuisine unique to the provinces. Hosted on lakeside setting of The Toronto Hunt, this exclusive invitation-only cocktail reception featured fabulous food and wine stations and spectacular décor. We welcomed back DeClute Real Estate, who returned for the third year as our Presenting Sponsor. This annual Celebration of Food and Wine is our opportunity to say thank you to our donors and supporters for their help in allowing us to continue to deliver compassionate care for some of the most vulnerable residents of our city.

MICHAEL GARRON HOSPITAL

Teeing off for patient care! On Monday June 11, Michael Garron Hospital Foundation hosted the **24th Annual Golf Classic** at the Scarboro Golf and Country Club. The event was supported by over 50 corporate leaders across many different sectors and receives strong support from our senior physicians, board members, and hospital executives.

Upcoming Event: “We'll leave you in stitches. The good kind”. Hosted by former east-ender Will Arnett, the **Michael Garron Hospital Foundation Gala: Laughter is the Best Medicine** is Canada's premier fundraising comedy and will be returning for a fourth installment on May 4, 2019 at the Beanfield Centre, Exhibition Place. Promising amazing food and wine, a live auction, and a night of laughter. That's good medicine.

Invited Lectures/CME Events

Dr. Linda Dvali

- Presenter, University of Toronto Peripheral Nerve Update, Toronto, ON, October 19, 2017: “Establishing a Targeted Motor Reinnervation (TMR) Program at the University of Toronto”
- Presenter, Canadian Peripheral Nerve Update, London, ON, November 17, 2017: “Options for the Late Pan-Plexus patient with Non-Functional Recovery”

Dr. Brett Beber

- Co-chair and Program Designer, Toronto Breast Surgery Symposium
- Moderator, Toronto Breast Surgery Symposium
- Presenter, Toronto Breast Surgery Symposium, “Pedicled tram flap”
- Presenter, Toronto Central BRA Day event, “Nipple areolar reconstruction”
- Presenter, Allergan Academy, Costa Rica, September 2017, “Management of capsular contracture”

NORTH YORK GENERAL HOSPITAL

NORTH YORK GENERAL HOSPITAL



Dr. Mary-Helen Mahoney

NYGH is a community-based hospital offering a wide range of plastic surgery procedures, both reconstructive and aesthetic, by 6 plastic surgeons.

In the main operating room, minor procedure room, and clinical settings, we offer all types of breast surgery and reconstruction, skin cancer treatment, hand surgery, and general plastic surgery procedures. We are currently developing two new state-of-the-art minor procedure rooms that will allow for expansion of our surgical care of patients by the end of 2018.

Dr. Bernd Neu recently stepped down as Chief of our Division, a position he has held for the past 9 years. We have been incredibly fortunate to have Dr. Neu as our Chief and are grateful for all the he has accomplished for our division. He continues to have a thriving practice, with plans to retire in 2019. Dr. Neu was awarded a Lifetime Achievement Award from the Ontario Medical Association this year.

Dr. Sean Rice continues his busy practice in cosmetic surgery, breast and body contouring, and skin cancer. He was elected as Chief of our Division in June, and we are looking forward to the years to come under Dr. Rice's leadership.

Dr. Petra Schiller keeps a general plastic surgery practice including all aspects of breast surgery, skin cancer surgery, and hand surgery – performing a high volume of carpal tunnel release and Dupuytren's surgery. She also has an active cosmetic practice – both surgical and nonsurgical.

Dr. Mary-Helen Mahoney is the Site Chief for the Resident Training Program at NYGH. She continues to dedicate her practice to immediate reconstructive options for patients, including oncoplastic procedures. She is working on the Breast Cancer Survivorship Project, which is developing a Patient Portal for Breast Cancer Care. This Portal is the first of its kind, and will allow patients ease of access in all aspects of their journey, including breast reconstruction.

Dr. Ron Somogyi continues his work in all aspects of breast reconstruction and aesthetic surgery. His research work focuses on two current projects: investigating radiation changes following oncoplastic breast surgery and the predictive benefit of 3D imaging in implant based breast reconstruction. He is working with our general surgery team on a comprehensive breast cancer/reconstructive database. He is also the co-chair of upcoming Allergan Sponsored Collaborative Team Meeting for Breast and Plastic Surgeons.

Dr. Yasser El-Sheikh is a sub-specialist in hand, wrist and peripheral nerve surgery. He is the Program Lead for the NYGH WSIB Upper Extremity Specialty Clinic. He is the Principal Investigator for the Canadian arm of The RANGER Study (Multi-centred Allograft Nerve Reconstruction Clinical Trial), and the Chief Medical Officer for Climbing Escalade Canada (The National Sport Organization for The Canadian Sport Climbing Team). He is the Founder and Director of The Canadian Climbing Medicine Symposium in Toronto. He continues to train hard for his own sport climbing performance!



NYGH Breast Team:
Dr. Mary-Helen Mahoney and
General Surgeon Dr. Fahima Osman



Drs. Ron Somogyi and
Mary-Helen Mahoney



CCMS 2017 Group shot. Check out TWH-Hand Unit surgeon Herb von Schroeder on the left.



Dr. Yasser El-Sheikh showing his skills outside the OR

ROSS TILLEY BURN CENTRE

ROSS TILLEY BURN CENTRE



Dr. Marc Jeschke

Each year we strive to provide excellence in patient care, medical education, and research. The Ross Tilley Burn Centre at Sunnybrook Health Sciences Centre is a state-of-the-art facility providing tertiary care for the majority of burn injury patients in Ontario.

We are the only program in the province that provides a wide range of services from admission after burn injury to follow-up and reconstructive surgery. We are the largest burn centre in Canada and admit an average of 300 patients annually. We also care for patients with large and complex wounds and we are currently exploring to increase our scope for patients with wounds in collaboration with the Division of Plastic Surgery.

Our objective is to improve patient care, outcomes, quality, and effectiveness of burn care to make RTBC one of the premier burn centres in the world. Staff surgeons at the Ross Tilley Burn Centre at Sunnybrook Health Sciences Centre include Dr. Marc Jeschke, Dr. Robert Cartotto, Dr. Shahriar Shahrokhi, and Dr. Alan Rogers.

Fellows / Trainees

Dr. Abdulaziz Abaalkhail and **Dr. Ezdehar Fallatah** successfully completed the Total Burn Care Fellowship (July 2017 – June 2018). Our clinical fellows included **Dr. Laurence Paek** (March 2017 – September 2017) and **Dr. Philip (Jack) Rasmussen** (July 2017 – September 2017).

We wish Abdulaziz, Ezdehar, Jack, and Laurence all the best and are looking forward to the new additions to our team.

Dr. Margarita Elloso and **Dr. Rayan Alalola** will be joining us for the coming year for the Total Burn Care Fellowship.

We have enjoyed training the fourteen residents that rotated through RTBC in the last year.

Accomplishments

We were successfully re-verified in June 2017 by the American Burn Association (ABA), a program led by the ABA in conjunction with the American College of Surgeons to verify that a burn center meets the highest current standards of care for the burn-injured patient. In September of 2017, the RTBC team won Sunnybrook's Team Award, presented at the Annual Staff BBQ, for demonstrating exceptional teamwork and collaboration that have resulted in excellence in their work with valuable contributions to the mission and vision of Sunnybrook.



Presentations, Publications, and Funding

During the 2017-2018 academic year, RTBC team members have published 42 peer-reviewed papers, presented 45 oral presentations, 37 posters presentations, and were invited speakers to a total of 31 lectures. Along with continued funding totalling \$1,750,000 from federal funding agencies, such as the National Institutes of Health and Canadian Institutes of Health Research, and private foundations, **Dr. Jeschke** successfully secured \$100,000 in new funding from Ontario Institute for Regenerative Medicine's Accelerator Grant.

ROSS TILLEY BURN CENTRE

Special Events / Awards / Recognitions

The staff surgeons have received many recognitions.

Among others, in 2017 **Dr. Jeschke** received two awards; in the spring, he won the Excellence in Education Award: Educating Beyond Sunnybrook and, in the fall, the Leo N. Steven Excellence in Leadership Award. He also received the Lister Prize from the Department of Surgery, University of Toronto in 2018.

Dr. Cartotto was promoted to full Professor in 2017.

Dr. Shahrokhi received the Dr. William Dixon Teaching Award at Sunnybrook in 2018. He also successfully completed the New and Evolving Academic Leaders (NEAL) program at the University of Toronto in 2018.

Dr. Rogers received an Honorary Life Membership to the South African Burn Society in 2017.

The staff have leadership roles in many local, national, and international associations with diverse agendas. For example, in 2017 **Dr. Jeschke** was appointed Director of the new Translational Research Committee in the Department of Surgery. For the Shock Society, **Dr. Jeschke** was invited to be Chair of the Strategic Planning Committee to foster a joint meeting between the Shock Society and Surgical Infection Society in 2019 and Councilor-at-Large for the Surgical Infection Society. This year, he was elected President-Elect of the Shock Society for presidency 2019-2020. He is also the Chair of the Elderly Burn Care Committee for the American Burn Association.

This spring, **Dr. Cartotto** was elected Vice Chair of the Program Committee to serve as Chair in 2019 and to the Board of Trustees of the American Burn Association.

The vast experience in these organizations and societies is being applied to develop and improve burn care within Canada using the platform of the Canadian Burn Association. Last September, the 4th Canadian Burn Symposium was held in Winnipeg, Manitoba. It was an essential symposium for bringing together individuals to address the needs and challenges facing Canadian burn care specialists. The Canadian Burn Symposium has identified a dire need for and garnered multidisciplinary and interdisciplinary support for the Canadian Burn Association that will have its inaugural meeting in Toronto this October.

ST. JOSEPH'S HEALTH CENTRE

ST. JOSEPH'S HEALTH CENTRE



St Joseph's Health Centre is a full participant in the Division of Plastic Surgery and provides exposure and training to undergraduate medical students, and both junior and senior residents throughout the year.

St Joseph's Health Centre has joined St Michael's and Providence Health Care in a new partnership this year. At this stage, all three sites are functioning independently at the clinical level.

Dr. Craig Fielding

We are proud to announce that the Plastic Surgery Division at St Joseph's was chosen the Best Teaching Unit in the hospital by our Department of Medical Education. Our hospital continues to have both Junior and Senior Residents in Plastic Surgery, as well as a large number of elective students and regular 3rd year core surgery rotation students from our partners at St. Michael's.

Dr Craig Fielding continues as Division Head for St Joseph's. He runs the Medical Ethics component of training for the division's residents, and participates in the Internal Review Committee. His practice features an emphasis on the correction of gynecomastia.

Dr. Kyle Wanzel has taken over the role of Program Director for the Division of Plastic Surgery. He has overseen his first three graduating Plastic Surgeons this summer. As well, he has seen our residents win the extremely prestigious Residents' Cup at the CSPA meeting in Jasper this June. Dr Wanzel has been very busy preparing for Prep Camp and has been particularly involved in the creation of the CBD curriculum in Plastic Surgery, across the country and here in Toronto. This is a massive undertaking, and we are proud to see UofT represented so well in this important transition to the new curriculum structure. Thanks for all the hard work, Kyle.

Dr. Ron Levine continues in his position as PGME Director of Postgraduate Surgical Education. Besides a very busy practice, he has successfully set up the Competency By Design curriculum for the first year Foundations of Surgery residents for the university. Congratulations on this.

Dr. Leila Kasrai runs a busy practice and continues with her special interest in Ear Reconstruction, and we are fortunate to have this experience to offer our residents at St Joe's.

ST. MICHAEL'S HOSPITAL

ST. MICHAEL'S HOSPITAL



St. Michael's Hospital is excited to announce the recruitment of Dr. Blake Murphy to the Division of Plastic Surgery. This will bring our number of full time faculty to 4.

Dr. Murphy will have a specific interest in breast reconstruction but also be involved in the more general aspects of the clinical activity at St. Michael's Hospital specifically related to trauma. As a level one adult center we provide plastic surgical expertise in maxillofacial, extremity, as well as, hand injuries.

Dr. Jim Mahoney

Dr. Karen Cross, our recent addition to our facility, has been on maternity leave and will return in September 2018 to resume her faculty position with a specific interest in wound research.

Dr. Melinda Musgrave and Dr. James Mahoney are very excited with our new faculty and the support of St. Michael's Hospital and the University of Toronto support of Division of Plastic Surgery in our clinical and academic activity.

Dr. James Mahoney received the Department of Surgery at St. Michael's Hospital William Horsey Postgraduate Teaching Award. He has also worked on the development of the wound care guidelines, part of the University of Toronto best practice in surgery and is looking forward to its implementation in September 2018.

Dr. Blake Murphy's academic interests will be in simulation. We anticipate an important innovation applicable to our teaching and clinical activity as his plans move forward.

Dr. Melinda Musgrave has been consolidating her teaching leadership in Undergraduate Teaching at the University of Toronto.

We are looking forward to the opening of our new clinical tower in 2019. New hybrid operating rooms will be available with intraoperative imaging. A break from the construction environment and related upgrades is eagerly awaited!

Our future plans in clinical activity and research are to consolidate focus on wound assessment and treatment with Dr. Cross. Partnerships with different rehabilitation centres in Toronto have been an important part of this clinical initiative. In addition, Dr. Cross will be bringing forward her research and innovation in this important area.

SUNNYBROOK HEALTH SCIENCES CENTRE

SUNNYBROOK HEALTH SCIENCES CENTRE



Dr. Jeff Fialkov

Dr. Jeff Fialkov

Jeff assumed the role of Division Head for Sunnybrook this past October. He was also appointed associate professor in the Institute of Biomaterials and Biomedical Engineering at the University of Toronto. In that capacity, he continues to co-supervise engineering students along with Professor Cari Whyne, within their Craniomaxillofacial Biomechanics program.

This year Jeff also established the Hadassah-Sunnybrook Craniofacial Partnership to establish a craniofacial program at one of Israel's Level 1 trauma centres, which will serve both the local and regional populations. To date over \$100,000 has been raised for the program and consequently the program's first Israeli fellow will be joining Sunnybrook in October of this year.

Dr. Joan Lipa

This year, Joan continued to serve as Director of the American Board of plastic Surgery. In addition, she has had a very busy year co-chairing the Breast Subcommittee for the American Society of Plastic Surgery (ASPS) Annual Meeting, serving on the ASPS Ethics Committee (an elected three year term) acting as Senior Resident Educational Rep for the Residency Program committee and, as an ASRM Council Senior Member at Large, sitting on the nominating committee for the Masters in Microsurgery Chair.

To add to all of her accomplishments this year, Joan also won the William K. Lindsay Faculty Research Mentor Award.

Dr. Laura Snell

Laura has had a very active and successful year securing a grant from the SBHSC Breast Centre for further development of the Breast Teams's innovative Microsurgical Simulation Model. This has resulted in continued refinements, modifications and the development of a chest model for this unique and highly effective educational tool.

Laura has also taken on the task of QI officer for the group, engaging in new projects to assess divisional quality improvement hospital- and university-wide. All this while looking after three very active boys at home!

Dr. Oleh Antonyshyn

Oleh has been busy this year with his continued Global Outreach project in the Ukraine. In May he completed a surgical mission to The Odessa Main Military Hospital, taking along with him a team of physicians, nurses and trainees. He also organized and secured funding to complete a complex craniofacial reconstruction of an injured Ukrainian citizen at Sunnybrook, and developed a proposal for a Sunnybrook/Ukraine Craniofacial Surgery Fellowship (a 5-year, \$4 million project).

In addition, Oleh continues his novel translational research with Calavera Surgical Design, a company he co-founded, this year submitting a patent application for a novel titanium mesh pattern to maximize impact and minimize erosion in reconstructive cranioplasty.

Dr. Paul Binhammer

Paul stepped down as Division Head this year after 17 years of leadership during which time he took the division from three consultants and four support staff to five consultants in Plastic Surgery (and four in Burns!), a support staff of seven, an office manager, and successfully implemented a well-functioning EMR. In his last year as chief, Paul secured resources for the hiring of a new hand surgeon at Sunnybrook which will bring the total number of staff surgeons to six. Thank you, Paul, for your dedication and incredible achievements!

This year also saw Paul as invited speaker at multiple societies and institutions including The American Society for Surgery of the Hand and the International Federation of Societies for Surgery of the Hand. He continues to develop his unique and innovative iHand web-based educational tool, now at 100 cases.

SUNNYBROOK HEALTH SCIENCES CENTRE

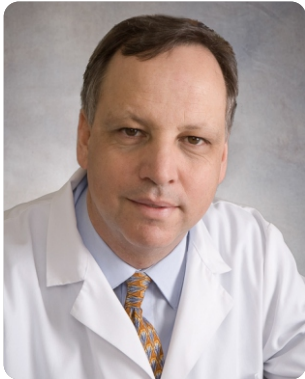


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TRILLIUM HEALTH PARTNERS

TRILLIUM HEALTH PARTNERS



Dr. Michael Weinberg

Trillium Health Partners is a conglomerate of three Hospitals that serves Mississauga. We have 1,254 beds. We are the site for teaching for the Mississauga Academy of Medicine that currently has 54 students. There are 8 Plastic Surgeons with a variety of interests that span all of the plastic surgery subspecialties.

We have the largest volume of breast cancer surgery in the province with 28 General Surgeons. We are planing to build a robust breast reconstruction program. We are currently in the process of hiring a second breast reconstruction surgeon with specific expertise in micro-vascular reconstruction.

We were successful in our application to WSIB for continuation of the large hand program. We have added new surgeons and look to continue to build this program in terms of surgeons, case load, and cutting-edge best practice care.

We continue to grow our programs and are looking forward to adding to our breast reconstruction program with a new hire in the next several months. We are planning also to strengthen our hand and wrist program as that will likely be our next hire.



Dr. Sharon Kim

The past year has been busy for a relatively new addition **Dr. Sharon Kim**. She does tertiary care hand and wrist surgery and has her practice in full swing.

Dr. Frank Lista continues to travel widely with too many invited lectures to list. He continues to be a highly sought-after teacher on the international circuit.

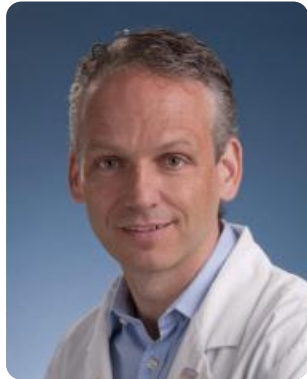
Dr. Weinberg has been moving up the ranks of the Canadian Laser Aesthetic Specialist Society. He has been President for the past year. He organized the first in an ongoing series of certificated Laser Safety Courses. This was very well attended and received.

Dr. Weinberg is the founder of ArtWorks for Cancer Foundation. This foundation is dedicated to placing art in all the cancer treatment units in Ontario. We have placed over two hundred works so far at the three Trillium Health Partners oncology units and the Odette cancer treatment center at Sunnybrook. The Foundation plans to curate Lakeridge Health Oshawa Regional Cancer Center later this year as well as the new units at North York General and Markham Stouffville Hospitals.

Dr. Weinberg is also working with the McMichael Art Gallery where he sits on the board of trustees and with Dr. Alan Peterkin the Arts, Health and Humanities Director at the University of Toronto. They are creating a certificated course for residents and medical students in art appreciation to enable the participants to increase their observational and describing skills and as well as their empathy. This will be an exciting addition. The course will be run twice a year.

UNIVERSITY HEALTH NETWORK (UHN)

UNIVERSITY HEALTH NETWORK (UHN)



Dr. Stefan Hofer



Dr. Siba Haykal

Recruitment

We are extremely fortunate to have recruited a fourth Academic Plastic Surgeon in **Dr. Siba Haykal**, M.D., Ph.D., FRCS(C) who joined the UHN Division of Plastic and Reconstructive Surgery in January 2018.

Educational and Awareness Events

Drs. Stefan Hofer and **Anne O'Neill** were guest speakers at the 7th annual Toronto Flagship Breast Reconstruction Awareness – BRA Day on October 18th, 2017 at the Glenn Gould Studio, CBC Building in Toronto. The event was co-hosted by Natalie Witkin, Senior Manager, Partnerships & Programs of the Canadian Cancer Society. The evening included Presentations, Patient Stories, Exhibitors, Show & Tell Lounge and Patient Education Tables.

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.

Funding and Grants

Stefan Hofer

Munk Surgical Innovation Fund (\$2,050,000)

Angelucci Research Fund (\$250,000)

Toni Zhong

Canadian Institutes of Health Research, Foundation Scheme and New Investigator Awards prorated (\$250,000)

(Co-Inv) Including quality of life in breast cancer funding policy decisions: Development of a preference-based measure from the BREAST-Q (Anne Klassen, PI) Canadian Breast Cancer Foundation Total Amount: \$138,936 CAD

UNIVERSITY HEALTH NETWORK (UHN)

Hélène Retrouvey

Resident Research Grant, Physicians' Services Incorporated (PSI) Foundation (\$20,000)
- Grant to support the project entitled: Understanding and Reducing Barriers to Breast Reconstruction in Ontario

Clinical Outcome Study Grant, Educational Foundation, Canadian Society of Plastic Surgeons (\$10,000), - Grant to support the project entitled: Understanding and Reducing Barriers to Breast Reconstruction in Ontario

Appointments, Awards and Promotions

Toni Zhong

Western University, Schulich Medicine & Dentistry, Alumni of Distinction Award/ Community Service Award recipient. The 2018 Schulich Medicine & Dentistry Alumni of Distinction and Dean's Distinguished Lecture recipients have left an indelible mark on the world through their commitment to education, medicine, research, and social accountability. Their tireless dedication to improving the human condition is above reproach.

Active Member, American Association of Plastic Surgeons (AAPS). (Distinction)

Hélène Retrouvey

Frederick Banting and Charles Best Canada Graduate Scholarships – Doctoral Award (CGS-D), Canadian Institutes of Health Research (CIHR) (\$35,000), - Salary support for graduate studies
- Awarded - Declined due to concurrent Vanier CGS

Ministry of Health-Clinical Investigator Program (MOH-CIP) funding, University of Toronto (\$69,032.97), - Salary support for graduate studies, - Awarded - Declined due to concurrent Vanier CGS

Vanier Canada Graduate Scholarship (Vanier CGS), Canadian Institutes of Health Research (CIHR) (\$50,000), - Salary support for graduate studies

Mentor of the Year, Longitudinal Academic Mentorship Program, Medical Society and Alumni Association, University of Toronto, Nominated by mentees for exemplifying exceptional dedication and leadership in mentoring medical trainees

Mentor of the Group of the Year, Longitudinal Academic Mentorship Program, Medical Society and Alumni Association, University of Toronto, For bonding as a group and going above and beyond

Joseph M. West Family Memorial Fund, Postgraduate Research Award (\$7,000)
- Salary support for graduate studies

Breast Reconstruction Fellowship

We would like to take this opportunity to thank our departing Breast Reconstruction Fellow **Dr. Eduardo Gus** and to extend the Fellowship of our current UHN Breast Reconstruction Fellow – **Dr. Amanda Murphy** who will be heading back to Halifax at the end of November 2018.

We would like to extend a warm welcome to **Dr. Robert Strazar** (Canada) and **Dr. Pedro Cuevas** (Chile).



Dr. Robert Strazar



Dr. Pedro Cuevas

UNIVERSITY HEALTH NETWORK (UHN)

Microsurgery Fellowship

We would also like to express our thanks to our departing Microsurgery Fellows – **Dr. Chris Ahn** and **Dr. Maiju Harma** and wish them all the best in their future endeavors.

And welcome to our incoming microsurgery fellows, **Drs. Maleeha Mughal** (UK) and **Manuel Dibildox** (USA).



Dr. Maleeha Mughal



Dr. Manuel Dibildox

Publications and Presentations

Invited 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.

Publications

During the 2017-2018 academic year, division members have published 14 peer-reviewed papers (selection listed below), presented 22 scientific papers and participated in a total of 24 invited lectures.

Journal Articles 2017-2018

Flap choice does not affect complication rates or functional outcomes following extremity soft tissue sarcoma reconstruction. Slump J, Hofer SOP, Ferguson PC, Wunder JS, Griffin AM, Hoekstra HJ, Bastiaannet E, O'Neill AC. J Plast Reconstr Aesthet Surg. 2018 Jul;71(7):989-996. doi: 10.1016/j.bjps.2018.04.002. Epub 2018 Apr 12.

Treatment for Lentigo Maligna of the Head and Neck: Survey of Practices in Ontario, Canada. Liu A, Botkin A, Murray C, Goldstein D, Hofer SOP, Solish N, Kitchen J, Chan AW. Dermatol Surg. 2018 Mar 13. doi: 10.1097/DSS.0000000000001498. [Epub ahead of print]

Aesthetic and functional outcomes of radial forearm flap donor site reconstruction with biosynthetic skin substitutes. Zuo KJ, Roy M, Meng F, Bensoussan Y, Hofer SOP. J Plast Reconstr Aesthet Surg. 2018 Jun; 71(6):925-928. doi: 10.1016/j.bjps.2018.01.038. Epub 2018 Feb 13. No abstract available.

Flap reconstruction does not increase complication rates following surgical resection of extremity soft tissue sarcoma. Slump J, Hofer SOP, Ferguson PC, Wunder JS, Griffin AM, Hoekstra HJ, Bastiaannet E, O'Neill AC. Eur J Surg Oncol. 2018 Feb; 44(2):251-259. doi: 10.1016/j.ejso.2017.11.015. Epub 2017 Nov 26.

Superficial Soft-Tissue Sarcomas Rarely Require Advanced Soft-Tissue Reconstruction following Resection. Eward WC, Lazarides AL, Griffin AM, O'Donnell PW, Sternheim A, O'Neill A, Hofer SO, Ferguson PC, Wunder JS. Plast Reconstr Surg Glob Open. 2017 Nov 13; 5(11):e1553. doi: 10.1097/GOX.0000000000001553. eCollection 2017 Nov.

Response to "Complications in DIEP Flap Breast Reconstruction after Mastectomy for Breast Cancer: A Prospective Cohort Study Comparing Unilateral and Bilateral Reconstructions". McInerney NM, O'Neill AC, Zhong T, Hofer SOP. Ann Surg Oncol. 2017 Dec; 24(Suppl 3):561-562. doi: 10.1245/s10434-017-6172-0. Epub 2017 Nov 16. No abstract available.

Preface. Farhadi J, Hofer SOP, Masia J. Clin Plast Surg. 2018 Jan; 45(1):xiii. doi: 10.1016/j.cps.2017.09.001. No abstract available.

Indications and Controversies for Abdominally-Based Complete Autologous Tissue Breast Reconstruction. Murphy BD, Kerrebijn I, Farhadi J, Masia J, Hofer SOP. Clin Plast Surg. 2018 Jan; 45(1):83-91. doi: 10.1016/j.cps.2017.08.007. Epub 2017 Sep 19. Review.

UNIVERSITY HEALTH NETWORK (UHN)

Patient-Centered Breast Reconstruction Based on Health-Related Quality-of-Life Evidence. Platt J, Zhong T. Clin Plast Surg. 2018 Jan; 45(1):137-143. doi: 10.1016/j.cps.2017.08.011. Epub 2017 Sep 29. Review.

The safety of same-day breast reconstructive surgery: An analysis of short-term outcomes. Cordeiro E, Zhong T, Jackson T, Cil T. Am J Surg. 2017 Sep; 214(3):495-500. doi: 10.1016/j.amjsurg.2016.11.015. Epub 2016 Nov 12.

Development and testing of a decision aid for women considering delayed breast reconstruction. Metcalfe K, Zhong T, O'Neill AC, McCready D, Chan L, Butler K, Brennenstuhl S, Hofer SOP. J Plast Reconstr Aesthet Surg. 2018 Mar; 71(3):318-326. doi: 10.1016/j.bjps.2017.08.027. Epub 2017 Sep 12.

Implications of Breast Implant-Associated Anaplastic Large Cell Lymphoma (BIA-ALCL) for Breast Cancer Reconstruction: An Update for Surgical Oncologists. O'Neill AC, Zhong T, Hofer

SOP. Ann Surg Oncol. 2017 Oct; 24(11):3174-3179. doi: 10.1245/s10434-017-6014-0. Epub 2017 Jul 31.

Preoperative Computed Tomographic Angiogram Measurement of Abdominal Muscles Is a Valuable Risk Assessment for Bulge Formation after Microsurgical Abdominal Free Flap Breast Reconstruction. Kappos EA, Jaskolka J, Butler K, O'Neill AC, Hofer SOP, Zhong T. Plast Reconstr Surg. 2017 Jul; 140(1):170-177. doi: 10.1097/PRS.0000000000003427.

Chronic Postsurgical Pain Outcomes in Breast Reconstruction Patients Receiving Perioperative Transversus Abdominis Plane Catheters at the Donor Site: A Prospective Cohort Follow-up Study. Oh J, Pagé MG, Zhong T, McCluskey S, Srinivas C, O'Neill AC, Kahn J, Katz J, Hofer SOP, Clarke H. Pain Pract. 2017 Nov; 17(8):999-1007. doi: 10.1111/papr.12550. Epub 2017 Feb 23.

National and International Presentations

Division Staff, Residents and Fellows presented at the following National and International Meetings:

- The Canadian Society of Plastic Surgeons (CSPS) annual meeting in Jasper, Alberta – June 2018;
- The American Society of Plastic Surgeons (ASPS) – The Meeting in Orlando, FLA – October 2017;
- XVII Congress of the International Society of Craniofacial Surgery ISCFS meeting in Cancun, Mexico – October 2017;
- The American Society for Reconstructive Microsurgery (ASRM) meeting in Phoenix, Arizona – January 2018;
- The Atlanta Breast Symposium in January 2018;
- The South By South West SXSW annual meeting in Austin, Texas – March 2018;
- The American Association of Plastic Surgeons (AAPS) meeting in Seattle, Washington – April 2018;
- The American Society of Breast Surgeons meeting in Orlando, FLA in May 2018, and
- The Plastic Surgery Research Council meeting in Birmingham – May 2018.

International Invited Lectures and Presentations

Division Staff were invited speakers at the following International Meetings:

- London Breast Meeting in London, UK in September 2017;
- The American Society of Plastic Surgeons (ASPS) in Orlando, FL, October 2017;
- The German Society for Microsurgery, Freiburg, Germany, November 2017;
- The British Association of Plastic Reconstructive and Aesthetic Surgeons (BAPRAS), December 2018;
- The American Society for Reconstructive Microsurgery (ASRM) meeting in Phoenix, AZ, January 2018,
- The 5th International Breast Symposium in Dusseldorf, Germany, April 2018;
- The European Federation of Microsurgical Societies, Belgrade, May 2018.

WOMEN'S COLLEGE HOSPITAL

WOMEN'S COLLEGE HOSPITAL



Dr. John Semple

Women's College Hospital continues to provide a high standard of care with participation of clinicians/staff that are well trained and enthusiastic about the program.

The Division of Plastic Surgery provides a comprehensive profile of reconstructive and aesthetic options for patients with a specific focus on breast surgery and breast reconstruction.

Residents

We always have great residents and this year we had **Maryam Saheb-Al-Zamani**, **Katie Armstrong**, and **Rayisa Hontscharuk**.

Fellows

The Division of Plastic Surgery at Women's College Hospital continues to host Canadian and International candidates under the University of Toronto Breast Reconstruction Fellowship. This year we two excellent fellows, **Amanda Murphy** and **Eduardo Gus**.



Dr. Brown, Dr. Eduardo Gus, Dr. Rayisa Hontscharuk and Dr. Semple



Drs. Amanda Murphy and Katie Armstrong

WOMEN'S COLLEGE HOSPITAL

Awards and Promotions



Dr. Mitch Brown

Dr. Mitch Brown

Dr. Brown has been recognized for his outstanding teaching and his role as an educator by the Department of Surgery in being awarded:

- The Tovee Award for Excellence in Postgraduate Education
- Promotion to Full Professor, Department of Surgery, University of Toronto



Dr. John Semple

Dr. John Semple

Dr. Semple has been awarded an adjunct teaching appointment with OCAD University:

- Adjunct Professor, OCAD University
- Senior Scholar, Graduate Faculty, OCAD University. In the following programs: Design for Health (DHEA), Interdisciplinary Masters in Art, Media and Design (IAMD).
- Dr. Semple has also been appointed to the Board of Assessment of Surgical Site Infections Surveillance Technology (ASSIST). This is a group out of Seattle (Washington University) that is funded by the Centre for Disease Control (CDC) to explore mobile technology for surgical wound infections.

Events

Drs. Mitch Brown, Brett Beber, and Kyle Wanzel chaired the very successful **18th Annual Toronto Breast Surgery Symposium** held this past April 12, 2018 at the Omni King Edward Hotel in downtown Toronto.

BRA Day was held on Oct 17, 2017 and as feedback was received was deemed highly successful and informative for patients with breast cancer and their families.



Dr. Brown and family team members Leah and Eli at the "Run for the Cure"



"Run for the Cure" post run. From right to left: Kelly Breakspear, Dr. Semple, Kate Mlodzik, and Kate's daughter



The Semple family recovering at the post "Run for the Cure" breakfast



"Run for the Cure" team members after post run breakfast at Hemingway's :Dr Brown, Leah Brown Eli Brown, Dr Kyle Wanzel, Dr Steve McCabe



Dr. John Semple Walks the Catwalk

Dr. Semple had a great opportunity to collaborate with Fashion Designer David Dixon to combine art and surgery with breast cancer. "Inner strength, hope and courage were the theme of David Dixon's collection presented at Toronto Women's Fashion week 2018. The collection exclusively designed for Women's College Hospital was an interpretation of an original watercolour painting by Dr. Semple. Painting has also been turned into a silk scarf by the WCH Foundation and sold to raise money for Women with Cancer.



**RESIDENT AESTHETIC CLINIC:
EDUCATION PROGRAM
IN AESTHETIC PLASTIC SURGERY**

EDUCATION PROGRAM IN AESTHETIC PLASTIC SURGERY



Dr. Jamil Ahmad

The Education Program in Aesthetic Plastic Surgery continues to grow. The Resident Aesthetic Clinic has operated at the Plastic Surgery Clinic exclusively since 2016.

Since 2012, there have been 17 residents that have rotated through the clinic who have performed over 130 aesthetic surgery procedures in total. The residents also gain hands-on experience with nonsurgical procedures including injectables. This past year, we have been fortunate to have **Drs. Miliana Vojvodic, Stephanie Dreckmann, and Kathleen Armstrong** managing the Resident Aesthetic Clinic.



Over the past year, our residents attended several special teaching sessions with our GTA-PRS guest lecturers including Drs. Moustapha Hamdi, Peter Rubin, Graeme Southwick, and Oren Tepper. In April 2017, we had our annual Residents' Luncheon with the visiting professors during the Annual University of Toronto Breast and Aesthetic Plastic Surgery Symposia.

Dr. Kathleen Armstrong presented cases from the clinic to our visiting professors, Drs. Lorne Rosenfield and Graeme Southwick. Also, in attendance were many of our volunteer faculty for the Resident Aesthetic Clinic.

Just recently, **Dr. Miliana Vojvodic** had an article that she completed during her rotation published in Aesthetic Surgery Journal – Luminar Reduction Hymenoplasty: A Canadian Experience With Hymen Restoration. Aesthet Surg J. 2018; 38: 802-806.

Faculty participation is critical to the success of aesthetic surgery postgraduate training.

In August 2017, **Dr. Ryan Austin** joined the practice at the Plastic Surgery Clinic and has been working with the residents as well as supervising their cases. Dr. Austin is a graduate of our residency program and we are glad that he is back in Toronto after completing his fellowship in Philadelphia. Also, this year, residents have had the opportunity to work with **Dr. Julie Khanna** from ICLS Dermatology and Plastic Surgery in Oakville. Dr. Khanna has also supervised their cases. Dr. Khanna is a well-known and highly respected colleague in the aesthetic surgery community and we are fortunate to have her involved with our residents and program.

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. 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 the University of Toronto.

EDUCATION PROGRAM IN AESTHETIC PLASTIC SURGERY



I would like to take this opportunity to acknowledge and thank our industry partners that help in significant ways to support and contribute to the division educational and research profile. We are fortunate to have such a high level of engagement and the division is grateful for the terrific relationship we have with them.

- Dr. Chris Forrest



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**DIVISION OF PLASTIC &
RECONSTRUCTIVE SURGERY**

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