



DIVISION OF PLASTIC, RECONSTRUCTIVE &
AESTHETIC SURGERY

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NEWSLETTER 2019-2020



UNIVERSITY OF
TORONTO

Division of Plastic, Reconstructive &
Aesthetic Surgery, Department of Surgery,
Faculty of Medicine, University of Toronto



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"Country road in Ontario" by J. L. Semple



DR. CHRISTOPHER R. FORREST

Chair

Division of Plastic, Reconstructive & Aesthetic Surgery

“The secret of quality is love.”

— Avedis Donabedian, a guru of healthcare metrics

Welcome to the latest edition of the division newsletter. There can be no mistaking that 2020 is a year that will go down in history. The current reality feels surreal. With hope, perhaps we can look at this year as a pivotal moment in modern times in which the world has finally woken up to the issues of racial discrimination, marginalization of minorities and indigenous people, inequities across socio-economic classes, the imbalance between ecology and economy, shifts in the political landscape, and the undeniable impact of climate change. If we are really fortunate, we may look back with 20/20 clarity and consider 2020 was the year that everything changed... I hope, for the better.

The purpose of this newsletter is to highlight what's been going on in the division during the past 12 months. It's been a year of building on our strengths. We have a diverse cohort of trainees, boast the greatest percentage of female staff in all the university surgical divisions, have demonstrated an impact in global outreach, continue to display serious expertise in all areas of our specialty and are meeting the mandate of

producing the best surgeons we can. But there are still areas for enhancement.

Financial security for the division, improved representation of minorities, recognition of workplace bullying and discrimination, physician health and well-being, advocacy for our patients, maintaining our crucial role as plastic surgeons in the orchestra of health care and adapting to the new normal are all the challenges ahead of us. It feels overwhelming. But as I once heard a colleague of mine say when asked to solve an immense problem in his research field, "How do you eat an elephant?" with the response "One bite at a time". If anything, the COVID pandemic has made us realize how fragile our infrastructure is and how quickly everything can change. But I would also say that we have been remarkably adaptable and innovative in responding to the new world order. There are some things that we may never go back to. Zoom meetings are here to stay. Hand-shakes and hugs... well, only for those in your bubble.

In the meantime, our division continues to grow and evolve in ways that make us a force to be reckoned with. Here's what we have been up to. I hope you enjoy it.

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

Chair, Division of Plastic, Reconstructive & Aesthetic 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

What's in a Name?

aes·thet·ic

/es'THedik/

adjective

1. concerned with beauty or the appreciation of beauty.

"the pictures give great aesthetic pleasure"

noun

1. a set of principles underlying and guiding the work of a particular artist or artistic movement.

"the Cubist aesthetic"

I am pleased to announce a modification of the division title to include the word Aesthetic. I have always believed that the aesthetic pillar is an important aspect of all the work that we do as plastic surgeons. Whether you specialize in hand surgery or burns, a crucial component of outcome always has an aesthetic aspect. It is an under-appreciated and often poorly interpreted part of what we do and I feel it needs to be recognized. I suspect it may not be adopted by all of you but I feel that placing it on the website is an important message and places a flag in the ground, so to speak.

Welcome to the University of Toronto Division of Plastic, Reconstructive & Aesthetic Surgery!



**DIVISION OF PLASTIC, RECONSTRUCTIVE &
AESTHETIC SURGERY**

Toronto Aesthetic Fellowship

And speaking of Aesthetic Surgery...

For some time we have been discussing the concept of a University of Toronto Aesthetic Fellowship, given the large expertise that exists in the GTA and the long history we have had with the Toronto Aesthetic Surgery symposium (which was scheduled to celebrate its 50th anniversary this past spring) as well the international profile many of the surgeons and faculty have. And so, I am delighted to announce the creation of the Toronto Aesthetic Surgery Fellowship that will take applications for July 2021. This is the first of its kind in Canada and will create an opportunity for Canadian graduates to develop expertise in aesthetic surgery. Many thanks to Division Fellowship Director **Dr. Toni Zhong** for coordinating this effort.

Division Recruitment



Andrea Chan

Andrea Chan, MD, FRCSC

Toronto Western Hospital

Andrea completed her undergraduate and Masters training in forensic and medical anthropology before pursuing medicine. She completed her medical training at UofT and went on to pursue Orthopedic Surgery, also in Toronto, graduating in 2017. Her first fellowship was at the Roth McFarlane Hand and Limb Centre (RM-HULC) in London, Canada, which focused on adult hand, wrist, elbow and shoulder surgery. This was followed by a six-month pediatric hand and upper extremity fellowship at Cincinnati Children's Hospital Medical Center to complement her previous adult training. Andrea joined the Hand Program at the Toronto Western Hospital with a part-time appointment at The Hospital for Sick Children. Her area of interest is adult and adolescent hand and wrist trauma and reconstructive surgery.



Jana Dengler

Jana Dengler, MD, FRCSC

Sunnybrook Health Science Centre

It has been a long time coming but Sunnybrook is finally getting a new hand surgeon to help Dr. Paul Binhammer. Recent UofT grad Dr. Jana Dengler has joined the division at Sunnybrook Health Science Centre with a focus on peripheral nerve and upper extremity surgery. After undergraduate training at Queen's, Jana completed her MD (2013) and residency in Plastic and Reconstructive Surgery at the University of Toronto in 2018. She finished a fellowship year at Washington University in St. Louis with Dr. Susan Mackinnon. Jana is appointed as Surgeon-Investigator with research interests in the area of access to care, processes of care and outcomes in peripheral nerve injuries and cervical-level spinal cord injury. She plans to complete a Master's in Translational Research (TRP) as part of her MoA.

Division Recruitment



Ryan Paul

Ryan Paul, MD, FRCSC

Toronto Western Hospital

Ryan has also joined the Hand Program at the Toronto Western Hospital. He finished his undergraduate training at McMaster before completing his MD at University of Western Ontario and orthopaedic surgery residency at the University of Alberta. Following residency, Ryan completed a clinical fellowship in hand and upper extremity surgery at the Roth McFarlane Hand and Upper Limb Centre in London, Ontario.



Waqqas N. Jalil

Waqqas N. Jalil, MD, FRCSC

North York General Hospital

Dr. Jalil is a graduate of the Plastic Surgery Residency Program at the University of Manitoba in 2016. Following training, Waqqas became a Fellow of Royal College of Physicians & Surgeons of Canada and also subsequently was accepted into the prestigious Lenox Hill and Manhattan Eye Ear Throat Hospital Fellowship program for Breast Reconstruction and Aesthetics. It was there he learned from some of the Innovators and Giants of Plastic Surgery in New York City. Upon completion of his fellowship in 2017 he was then hired at North York General Hospital to join their Breast Reconstruction program. His main focus of practice there is in reconstruction of oncologic defects with a particular expertise in breast and various skin cancer defects.



DR. KRISTEN DAVIDGE

Research Director

These are definitely strange times. If I was writing this report only a few months earlier, I would have focused on the fact that research within our Division had another amazing and productive year.

Dr. Michael Klebuc gave outstanding talks at Hoyle Campbell Visiting Professor Day, and received rave reviews from the residents in terms of his teaching sessions. The resident talks this year were outstanding, our SSTPs continue to shine winning competitive peer-reviewed grants, scholarships and awards, and the research outputs of our faculty continue to be numerous.

As we have wrestled with the impact of the coronavirus on our families and clinical practice, so too has the research world been completely altered by the current global situation. Researchers across the GTA have had to shut down their labs on a very rapid basis, often in the midst of critical experiments. For clinical researchers, we have lost access to the core component of our studies – patients. There have been many challenges and disappointments.

Yet, at the heart of our specialty is adaptability and innovation. Indeed, research within our Division continued during the pandemic, in some cases in new and surprising ways. For example, successful transition of PhD transfer exams (congratulations, Karen and Whitney!!!) and Masters/PhD defenses to virtual format, as well as the adoption of virtual research mentoring & education. Many PIs have transitioned existing projects to virtual formats to allow

for ongoing research, or have involved themselves in new COVID projects thereby forging new interdisciplinary collaborations (shout out to Greg Borschel and his mask recycling project and all those who are examining the feasibility and effectiveness of delivering Plastic Surgery patient care through virtual formats). Finally, many of us (or, at least those without children to home school) have taken the opportunity to finish long overdue manuscripts.

It is a reminder that our skills are transferrable, and as innate collaborators, Plastic Surgery researchers are primed to respond and adapt to the research needs of the health care system. I suspect we will see a shift in the landscape of research within our Division over the next year or two and I look forward to being inspired.

“You are braver than you believe, and stronger than you seem, and smarter than you think.”

— Christopher Robin

Kristen M. Davidge, MD, Msc, FRCSC

Plastic & Reconstruction Surgeon, Hospital for Sick Children

Research Director, Dept of Surgery, University of Toronto

Assistant Professor, Dept of Surgery, University of Toronto

Associate Scientist, Child Health & Evaluative Sciences, SickKids

Research Institute

**DR. KYLE WANZEL**

Program Director

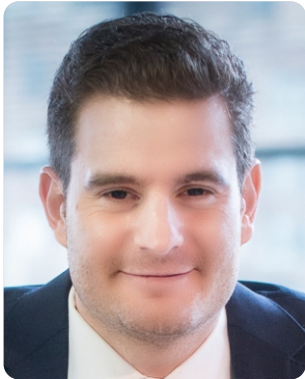
Well... I don't think 2020 will be forgotten in a LONG TIME (and I'm not talking about Covid-19... I am talking about our graduating residents!!!

The word I hear every day is “unprecedented” and this certainly has been an unprecedented time. It truly is disappointing to not be able to have our Graduation Gala this year to properly celebrate the accomplishments of our five exceptional 2020 graduates.

Nevertheless, as Program Director, I very much look forward to doing exactly that, celebrating them, in June 2021 with an unprecedented double cohort of graduates!

In brief (the best that we can do these days), here are our 2020 graduating residents:

THE GRADUATES



Dale Podolsky

I first met Dale as a medical student. Interestingly, he was doing an Orthopedic Surgery elective at St. Joe's. We crossed paths, had a good discussion, and I was happy to learn more about him when he applied to our specialty!

Dale says: "These past eight years of residency have been such a significant and formative part of my adult life. I am leaving this stage with my beautiful wife Susan and two children, Ryan and Emily. I am feeling deeply grateful for the overarching gifts I am taking away with me. Along with excellence in the practice of plastic surgery, I have been inspired by the humanity I have seen and participated in with such superb mentors.

Thank you for allowing me into the care circle of your patients. There were many late nights spent discussing cases, receiving teachings in the OR and clinic, seminars, lectures, journal clubs, labs, preparing for exams and visiting professors to name a few examples among countless other experiences that took much of your time and effort. Thank you for these moments and the value they have provided me in developing my career. Every rotation left me with a rich learning experience and mounting enthusiasm as I reach my goal of joining the ranks of plastic surgeons. I have been blessed to be trained at The University of Toronto. It has been a superb residency.

I feel so fortunate to have completed the surgeon scientist training program. During this time I had the opportunity to be creative. I felt lucky to have a job where I was building robots and models. I am thankful to all those who supported me during this time and allowed me to pursue something different and unconventional.

There are endings and there are beginnings. I choose not to view either as being finite but moments that link to a future where I can use what I have learned and practised. Each of you have made a significant mark on my career and life. I hope to remain connected as ever as I join the University of Toronto alumni of plastic surgeons.

My family and I will be moving to Seattle next year where I will be completing a fellowship in pediatric and adult craniofacial surgery. Thank you to everyone in the division who has brought me to this exciting stage in my professional life.”

Me in South Africa (I'm the one on the far right) with my older brother Craig, younger sister Kerri and mom Jeanette. My dad was probably at the Horse races or playing tennis maybe.



We used to go on trips to Mexico as a family every year.



THE GRADUATES

My family: Son Ryan, Daughter Emily and wife Susan



Playing for the medical school band "Orbital Groove." FYI that guitar is a 1986 Kramer Pacer (I searched the planet for that guitar, they don't make them anymore). It is the same guitar type used by Eddie Van Halen in the 80s.



Me as goalie for hockey team during medical school. See if you can spot Ryan Austin in the background. We won the championship.



Joseph Catapano

“Big Joe” has been with us for a LONG TIME also!!! Which is to our benefit for sure (and hopefully his!).

Joseph was born in Toronto and attended McMaster University for undergrad, University of Ottawa for medical school, and then eventually returned to Toronto for Plastic and Reconstructive Surgery. He was active in sports, especially soccer throughout his life, and continued playing in residency until fatherhood ended his amateur career and provided him with something more important to focus on.

Joseph says: “I was fortunate to have been recognized with a few memorable awards during my medical training. The ones I am most proud of were the Gold Medal at the University of Ottawa, the 2018 Clifford C. Snyder award from the Plastic Surgery Research Council and the Banting and Best Doctoral Research Award. I am also proud of the research grants I was awarded during residency, including pilot grants from the Plastic Surgery Foundation, the American Society of Peripheral Nerve and a large grant to pursue an RCT to be conducted at SickKids.

Entering medical school, Plastic Surgery was not a career I had considered, and I did not really know what Plastic Surgery was. I was fortunate in medical school to be mentored by amazing people in our Division who fostered my interest and supported my application. Had it not been for answering my emails, and accepting me for observerships and research positions over the summer, I may have pursued a different career path and be somewhere else today. Thank you for your support and mentorship!

THE GRADUATES

It's difficult to summarize everything in a few sentences. Certainly, being in the surgeon scientist program and pursuing a PhD has been an unforgettable experience that challenged me and expanded my knowledge and skills as a scientist. I am very thankful to Dr. Borschel, Dr. Forrest and all the staff at SickKids for the support they provided me with during my PhD. I loved coming to work at SickKids everyday and I hope I can build on this training in the future and continue my academic work. Thank you as well for all my clinical mentors during residency. I cannot name everyone here, and I would not want to leave anyone out. I truly appreciate the patience and dedication it takes to train residents. Thank you for trusting me with your patients. I always tried my best.

Over my nine years in the program I have been exposed to residents that entered the program between 2006 and 2019. I have been fortunate to have amazing senior residents and junior residents during that time. I have made some life-long friends and I look forward to being colleagues with everyone in the future. The journey has not ended, but the last 9 years have felt short. It has been full of great memories outside of medicine as well, including marrying my wife in 2012 and being blessed with our two daughters in 2016 and 2019.

Next year, I will be traveling to Baltimore to train at the Curtis National Hand Center. I hope to return to Canada and pursue an academic career where I can be involved in clinical and basic science research.

Thank you for everything!



THE GRADUATES



Kalila Steen

Kalila grew up in rural Pennsylvania and attended Penn State University for her undergraduate degree in Pre-Medicine with Honors in Music Performance. She graduated as the valedictorian for the class of 2011. After undergrad, she attended Queen's School of Medicine and graduated in 2015.

Kalila says: "Residency at University of Toronto has been a wonderful time of growth for me, and I am very grateful for the clinical and research opportunities that have been available. Supervised by Dr. McCabe, I was awarded the Best Resident Paper at the American Association for Hand Surgery in 2018.

Outside of medicine, I enjoy music and powerlifting. I have played the French horn since I was a child, and I was lucky to pursue music performance academically in university. In medical school I discovered a passion for powerlifting and placed second to an Olympian in a women's open competition.

As the saying goes, "man plans and God laughs". Although coronavirus has disrupted many plans, I am excited to be at the precipice of a new phase. This summer my fiancé and I look forward to our July wedding and then moving to Kansas City to enjoy jazz, Chiefs football, and burnt ends. I will join a community practice, which will include hand surgery, craniofacial surgery, breast reconstruction, and aesthetic surgery.

As I complete our program, I am ecstatic to open the next chapter in my journey. However, I am also anxious to see my training-wheels removed, and I know starting practice will be my biggest hurdle thus far. I have so much more to learn, and I am grateful for the large network of mentors that Toronto provides.

Thank you to the dozens of plastic surgeons who have graciously shared their knowledge.

I am proud that I was trained by not only great surgeons, but by great people. In addition, thank you to my co-residents. Some of my best lessons and memories have come from working alongside the junior and senior residents within our program. Of course, I am thankful for the love and support from my family who helped me get to this point. Finally, a special thank-you to my soon-to-be husband, Russell, my rock.

It has been a true privilege to pursue my plastic and reconstructive surgical residency at University of Toronto. I hope everyone stays healthy during these extraordinary times, and I wish everyone the best going forward."



THE GRADUATES





Monica Yu

Monica was born at St Joseph's Health Centre in Toronto (yes!!!). She grew up in Mississauga, then left the nest for her undergrad at McMaster University where she was part of the Bachelor of Health Sciences (Honours) program. It was also at McMaster where she met her future husband, Justin - while he was trying out for the dragonboat team. Medical school was then at the University of Toronto.

Monica says: "During this time at UofT, I became interested in plastic surgery and did summer research projects with Dr. Mahoney at St Michael's as well as Dr. Fish and Dr. Cross (while she was still finishing up residency) at Sick Kids. I found out I had matched to my first choice program in the CaRMS match while sitting in the cafeteria at the Holland Orthopedic Centre - I will probably fondly reminisce about that moment every time I pass that building for the rest of my life.

I couldn't be happier to start residency in 2015 with Kalila, Kevin and Tomas. We went camping together during a boot camp weekend and knew early on that we had something special. Along the way, we've studied for exams, worked out, done taxes, celebrated life events, and taken many selfies and photos together. Over the past five years, I have worked with so many remarkable residents and staff. They have shown me how to operate, problem solve, treat patients, and appreciate the work we have dedicated our lives to. Some of the sweetest moments in residency are also the most mundane - things like sipping a hot coffee in the call room with a co-resident at the end of the day, or finding out that my co-resident secretly took care of the pager while I was scrubbed into a long case, or eating stale Timbits in the middle of the night with my staff. While some days and nights (and even cases) felt long, residency has flown by. I am indebted to this program for allowing me to experience the joy of working with people that I really respect and enjoy.

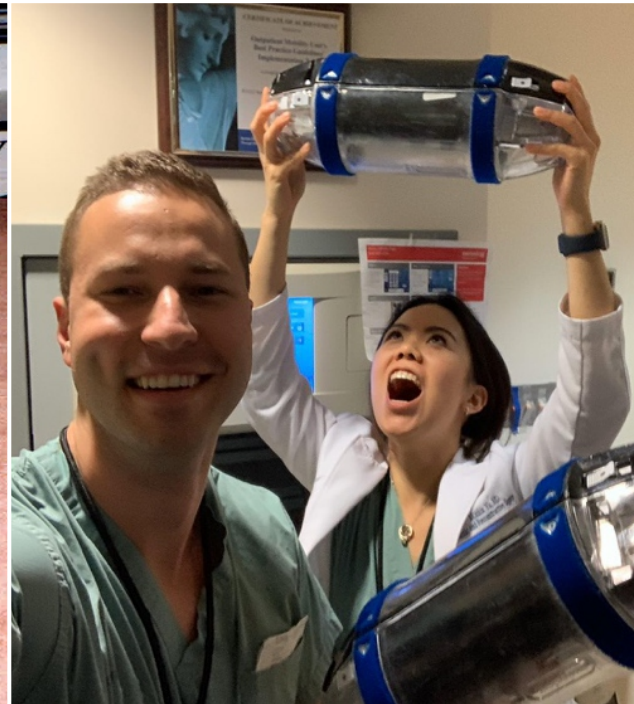
Notable events in the past few years include (in no particular order): getting married, buying a condo, becoming an aunt, winning gold in the 500m distance in the dragonboat world championships followed by a bronze two years later, starting

THE GRADUATES

my master's degree in Quality Improvement at Queen's University.

Going forward, I've become interested in microsurgery and breast reconstruction amongst the breadth of plastic surgery. Enter July, I will be doing a six-month locum in Plastic Surgery at the Royal Victoria Regional Health Centre in Barrie, Ontario. I will then head to Winnipeg, Manitoba for my Reconstructive Microsurgery fellowship starting in January 2021. I will be also finishing up my Master's degree at Queens this summer. I look forward to entering the workforce officially and I aspire to live in the same city as my husband one day.

Thanks for all the memories!





THE GRADUATES



Stephanie Dreckmann

Steph says: "I am very grateful for the plastic surgery training I have received from the University of Toronto. As I come to the end of this important chapter in my life, I'd like to share with you my journey leading up to the program as well as my experience within it."

"I grew up in Richmond Hill, ON where I attended Richmond Hill High School. I completed my Bachelor of Health Sciences degree at McMaster University, followed by medical school and residency at the University of Toronto. Along the way, I was able to excel in different areas, including sports, music, academics and global health. During university and medical school, I participated in varsity level fencing team at McMaster University. I was awarded the title of Marauder Scholar for several consecutive years for combined excellence in academics and competitive sport. Music continues to be a great passion of mine and I have previously competed in many music festivals both individually (piano) and within a group (clarinet), winning various awards including first prize at the Kiwanis Music Festival. At the University of Toronto, I was awarded the Walter F. Watkins Scholarship for Academic Excellence as well as the Greg Wilkins-Barrick Chair Student Scholarship in International Surgery. The latter was awarded to recognize the global health work I had previously done in Peru, Costa Rica, and Nicaragua, and to help fund a project aimed at developing a contextualized surgical curriculum for training physicians in Botswana.

Residency has been an opportunity for tremendous growth both personally and professionally. Since starting out in the program, I have gotten married and had a daughter. Professionally, I have grown from the resident who panicked on her first call shift because she was called to put on a VAC dressing at 3 AM and had no idea how, to being a confident graduate who has been equipped with the skills to look after patients in the best way possible - both inside and out of the operating room. I am very thankful for my experience and I

wanted to share with you a few of the most valuable lessons I've learned throughout my experience in training.

1. Seize every opportunity

You never know if or when it will roll back around. Each and every consult and OR case is an opportunity for growth that you should take advantage of to the fullest. Always think about how you can improve next time and strive for excellence.

2. Discipline over distraction

I learned this phrase from one of my fitness instructors, but I love it so much and have applied it to many areas of my life. Balancing motherhood, studying for the royal college exam, the demands of a surgical residency, and personal health and fitness is no mean feat. I've found it essential to set goals for myself and sacrifices often need to be made to achieve them. I've found that repeating this simple phrase - "discipline over distraction" - is a powerful motivator that has helped me to succeed. In my PGY5 year alone, I was able to co-author three peer-reviewed publications and credit it to this mindset.

3. Show gratitude

This is something I wish I had done more of throughout residency. There are so many people that I have had the privilege of working with, who have taught me so much who still, to this day, don't know they've made such a positive impact. Being a member of this specialty and training alongside the best of the best at the University of Toronto are absolute privileges. I am grateful to all of you for your contributions to my education and career. I also want to thank to my family and friends for supporting me 100% of the way.

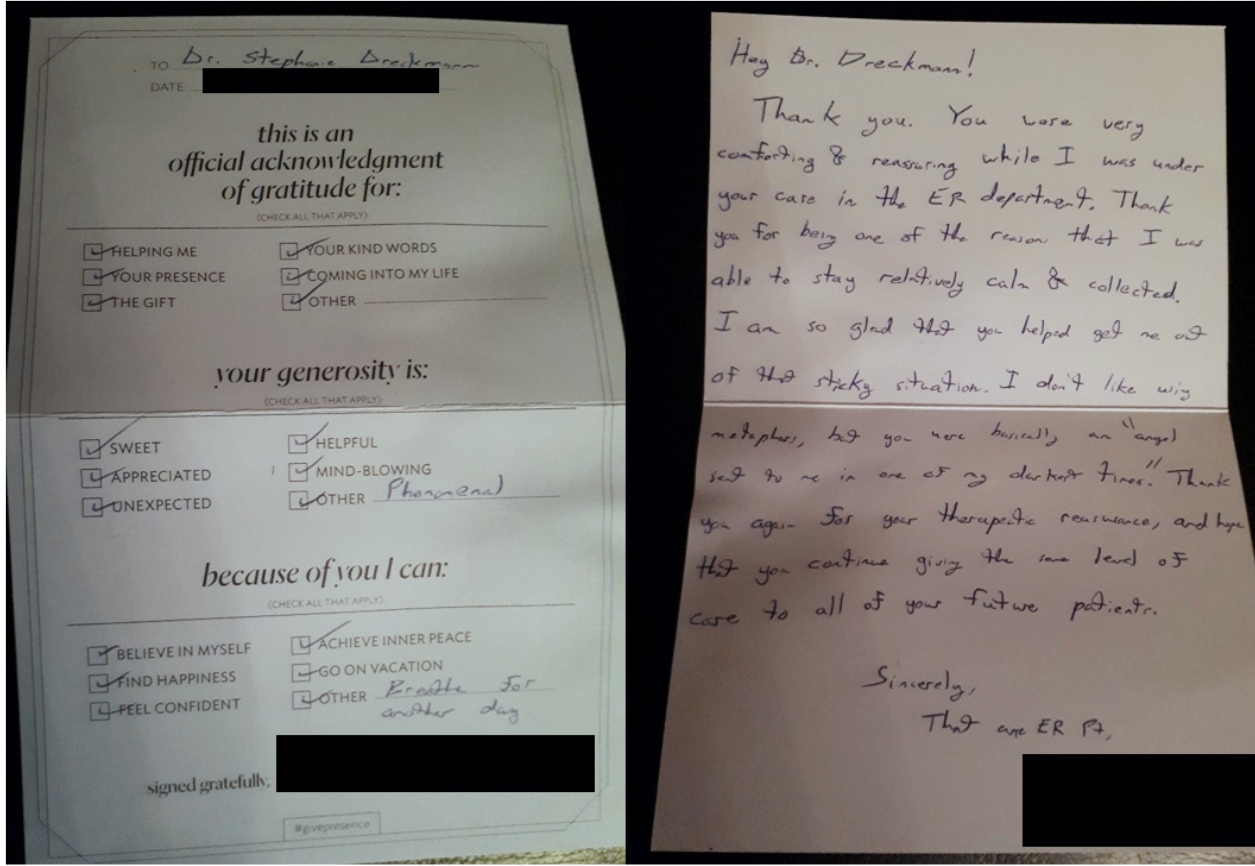
These past 6 years have allowed my love for plastic surgery to flourish and I am excited to see what the future brings. I will be transitioning into practice in the GTA. I look forward to being involved in the betterment of our specialty, through innovation, research and education. Lastly, my experiences abroad have shown me firsthand that plastic surgery is an

THE GRADUATES

area which continues to be in global demand, and I aspire to continue working to help ethically meet that need in the future. It has been a pleasure to train within the Division of Plastic and Reconstructive Surgery at the University of Toronto.

I've included some of my favourite memories of the program within the photos. I will never forget all the fun times with my co-residents or the letters/gifts I've received from patients. They have meant so much to me."





As these amazing five individuals exit our Program, we are excited to welcome in a new crew! Here is a quick look at our shiny new PGY1s (big shoes to fill!)



Alex Adibfar

Home grown... Alex is a graduating medical student at the University of Toronto. Prior to medical school, he pursued his BSc in Life Sciences at Queen's University followed by his MSc in Pharmacology at UofT. His current research interests include acute burn resuscitation, burn epidemiology, and surgical education. In his free time, Alex enjoys swimming, travelling, learning new languages, and supporting his beloved Toronto Raptors.

He is delighted to be joining the Division of Plastic, Reconstructive & Aesthetic Surgery at the University of Toronto.



Marshall Thibedeau

Marshall was born in Toronto but raised in Nova Scotia. He completed his undergraduate degree in Chemistry at the Royal Military College of Canada in Kingston, ON. Before medical school at the University of Calgary, he served with the Royal Canadian Air Force as an Air Combat System Officer in Victoria, BC. In his spare time, he is an avid reader, enjoys going to the gym and fishing at his family cottage on Lake Simcoe.

Marshall is excited to join the Plastic Surgery program at the University of Toronto and looks forward to getting to know everyone.



Chantal Valiquette

Chantal attended Queen's University for the past 6 years, spending her first two years as a mathematics major in the QuARMS (Queen's Accelerate Route to Medical School) program, before joining the School of Medicine's 2020 class. She is a passionate learner with a keen interest in history of medicine and education. Her interests outside of medicine include hiking, camping, and travel. She enjoys any opportunity to experience and learn about new cultures, landscapes, cuisine, and history.

Originally from Mississauga, she is excited to come home to Toronto for her residency. She looks forward to meeting all the incredible mentors and colleagues, during this next phase of training.



Emma Avery

Emma was born in Winnipeg, Manitoba. She graduated with a BSc in Microbiology, and an MSc in Cardiac Physiology at the University of Manitoba. Before starting medical school at the University of Manitoba, she worked as a research assistant in cardiac anesthesiology. When not at work, she loves exploring new places with her camera, hiking, salsa dancing, and spending time with friends and family.

Emma is humbled to be starting her residency in Plastic, Reconstructive & Aesthetic Surgery and is excited to work with the team at the University of Toronto!

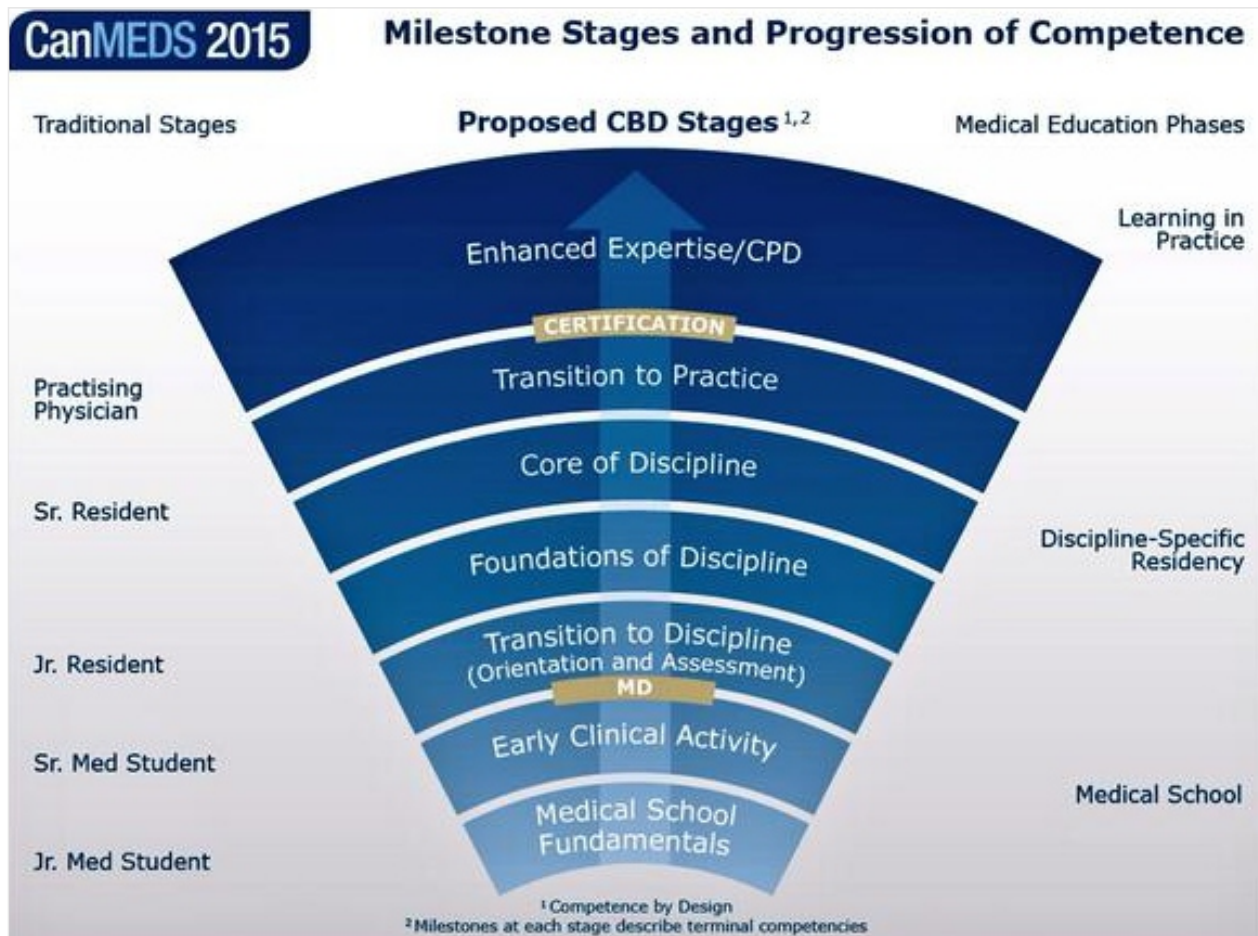
Thank You's

It is difficult not be able to express my gratitude (in person) to everyone who helps make this Division run as it does – the best in the country.

Kathy Pavlovic

Amazing, amazing, amazing – even with the 2020 challenges, we have made unprecedented strides forward.

During the COVID-19 crisis, we never missed a single seminar in our Plastic Surgery School series. We were quick to make virtual Zoom seminars as educational as we could and deliver the required content. We “Divisionalized” our individual hospital rounds, such that all residents could tune in to Rounds, even if they were not stationed at that particular hospital.



Together, we developed all of the necessary tools for Competence by Design (CBD) for UofT Plastic Surgery.

The incoming PGY 1s will be the first fully Competence by Design (CBD) cohort - starting with Surgical Foundations and all the way through Plastic Surgery.

The overarching premise of CBD is “real time” coaching of our trainees, with multiple opportunities for feedback; as compared to our traditional fairly unstructured midterm evaluation and a final ITER, as the only real times that the trainees get documented feedback.

The terminology that we are all used to will be changing:

- As you can see above, the “stages” of training will have new names (as compared to “junior” and “senior” residents)
- Our ITERs (In Training Evaluation Reports) will become known as ITARs (In Training Assessment Reports)
- Our “Goals and Objectives” for rotations will become “Rotation Plans”
- Multiple small assessments will be known as EPAs (Entrustable Professional Activities)

At the same time that we needed to get CBD ready for July 2020, we also worked tirelessly on another important 2020 document entitled the AQ (Accreditation Questionnaire). This describes our entire Plastic Surgery program and is required for our upcoming November 2020 External Review. This document is well over 1,000 pages and I predict will be the document that the UofT Department of Surgery shows other Divisions and Departments in the future!

Kathy is the “Mamma Bear” for a reason. The medical students and residents love her for so many reasons. I do too! Thank you so much!

Thank You's

Joan Lipa (and... Siba Haykal)

I would like to take this opportunity to thank Joan for all of her work as Senior Resident Education Lead. She was able to simplify and reorganize our didactic and surgical skills education curriculum.

She noticed a few educational gaps that we have remedied. Our seminar series remains the pride of the Program and the country. Thank you, Joan, for your tireless work!

And, this is the perfect opportunity to introduce Siba – who will take over from Joan. Big shoes to fill – but I know you can do it!

Blake Murphy

Thank you, Blake, for being a “rock” for the junior residents as the Junior Resident Education Lead.

I know they love getting together with you for dinners and trust you as a confidant if/when required. And thank you so very much for your hard work organizing our 2020 Prep Camp in such unprecedented times!

Melinda Musgrave

Very, very, very weird times to be a medical student.

Your time as our Undergraduate Representative has been so valuable in helping us negotiate new realities. At a time of curriculum change in the medical school, coupled with medical students being off recently for months – it has been a difficult time to say the least.

But we will forge forwards as always.

Thank you, Melinda, for helping us negotiate these times.

CanMEDS Leaders

I would also like to thank the individuals who put immense time into teaching the “non-medical expert” CanMEDS roles. Many would argue that these are more difficult to teach:

Communicator – Ron Somogyi

Collaborator – Melinda Musgrave

Health Advocate – Linda Dvali

Leader – John Phillips

Ethics – Craig Fielding

Scholar/Research – Kristen Davidge

Resident Wellness – Karen Cross

Thank you once again for your exceptional help this past year.



Thank You's

In conclusion, an unfortunate and slightly awkward goodbye to our Graduates and a less ceremonial conclusion to the 2019-2020 academic year, but perseverance through these unprecedented times will make us stronger and ready for anything.

If the new crew is anything like these guys, we will be good!

As July comes upon us, welcome to the new PGY1s! Thank you to everyone one more time!

And, something to look forward to... the June 2021 Graduation Gala will be epic!

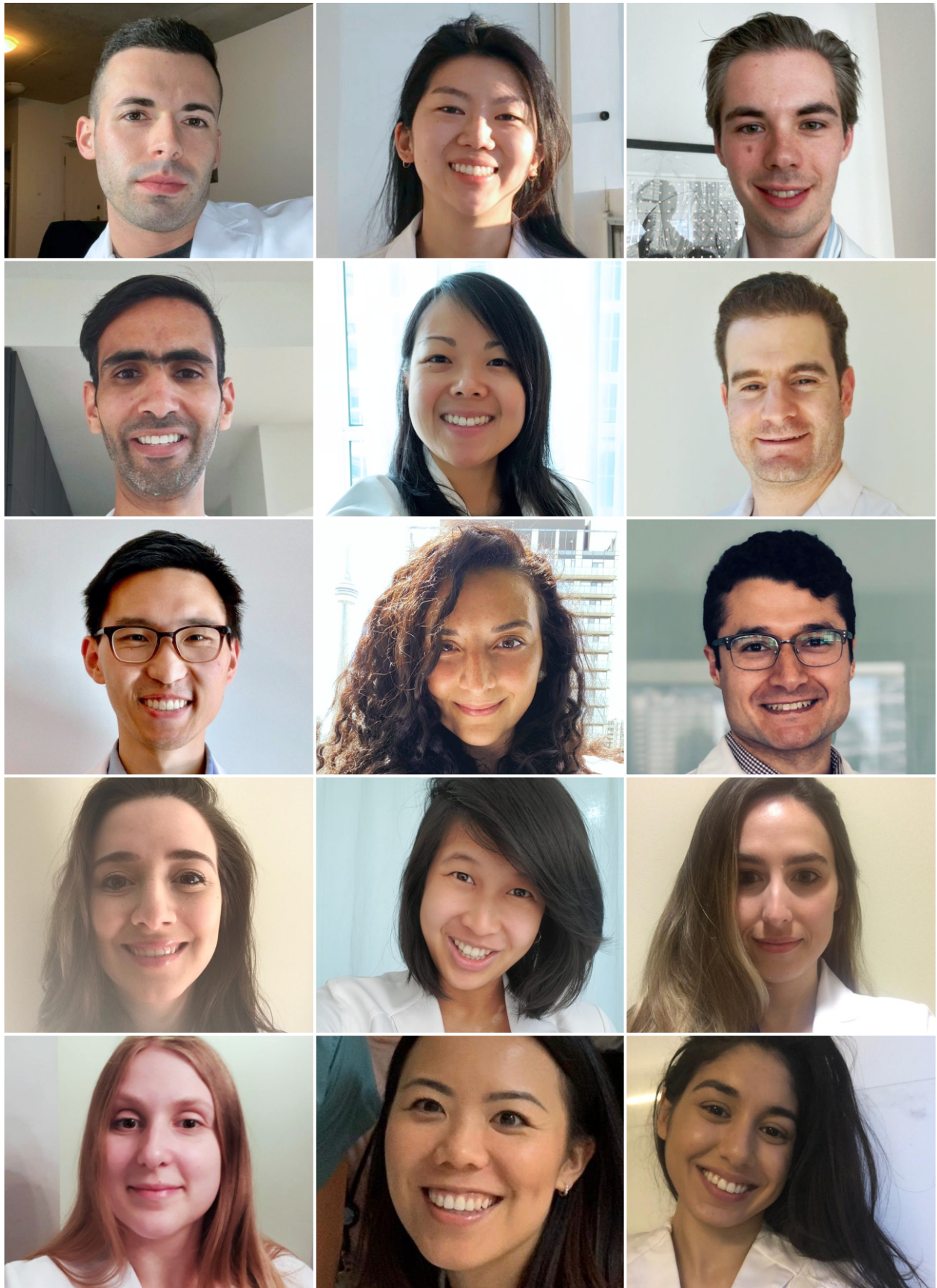
Kyle Wanzel, MD, MEd, FRCSC

Plastic and Reconstructive Surgeon

Associate Professor, Department of Surgery Program Director

Division of Plastic, Reconstructive & Aesthetic Surgery

University of Toronto





DR. TONI ZHONG

Fellowship Director

I can't believe we've already wrapped up the academic year of 2019-2020 for the Division of Plastic, Reconstructive & Aesthetic Fellowship Training Program.

This year, we had a total of 14 Canadian and international fellows. Our fellows came from different parts of Canada, as well as from USA, Columbia, New Zealand, Mexico, Chile and Saudi Arabia. We have had the privilege of mentoring these excellent fellows who will be bringing back home clinical and surgical skills, new research ideas, and knowledge to apply to their future specialty practice. Also for the fellows who will be staying on with us at UofT for additional fellowship training or as clinical associates, we hope that summer will bring some normalcy to our work.

For the last couple of months, the entire world has been shaken with a pandemic that changed the experience and training that we were able to provide our fellows. During this unprecedented time, our fellows remained accommodating, understanding of the change, and helpful. Sadly due to COVID, we were not able to host our Annual Graduation Gala where we usually honour all our fellows for their tremendous contribution to our Division. However, we will use this newsletter as an opportunity to congratulate all of you on successfully completing the year. Finally, we hope that you will always cherish your fellowship year at UofT with your colleagues, mentors, and people you can always call your friends.



UHN Breast-Plastic Surgery Holiday Party



UHN Breast-Plastic Surgery Team



Paediatric Plastic Surgery
Halloween 2019



TGH Fellow and Resident –
OR-ready during COVID



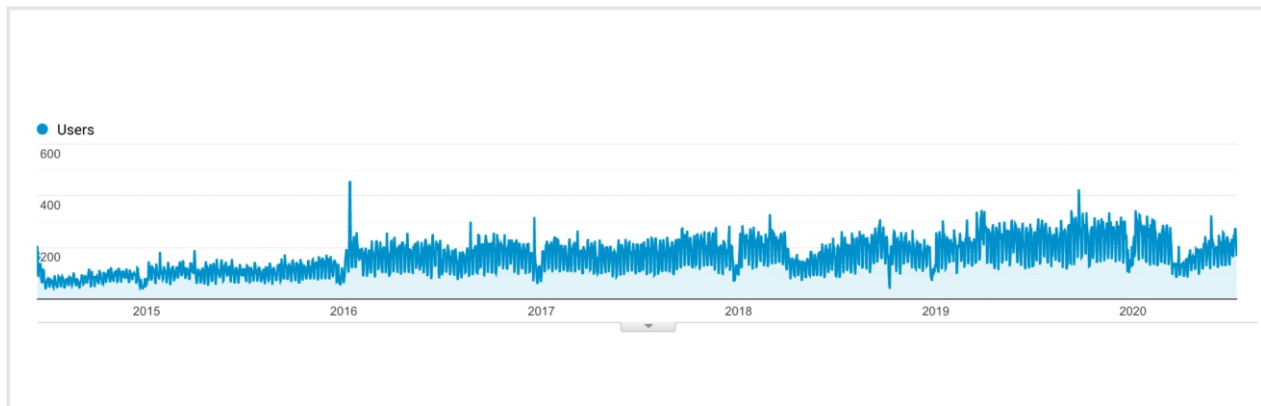
Craniofacial Plastic Surgery



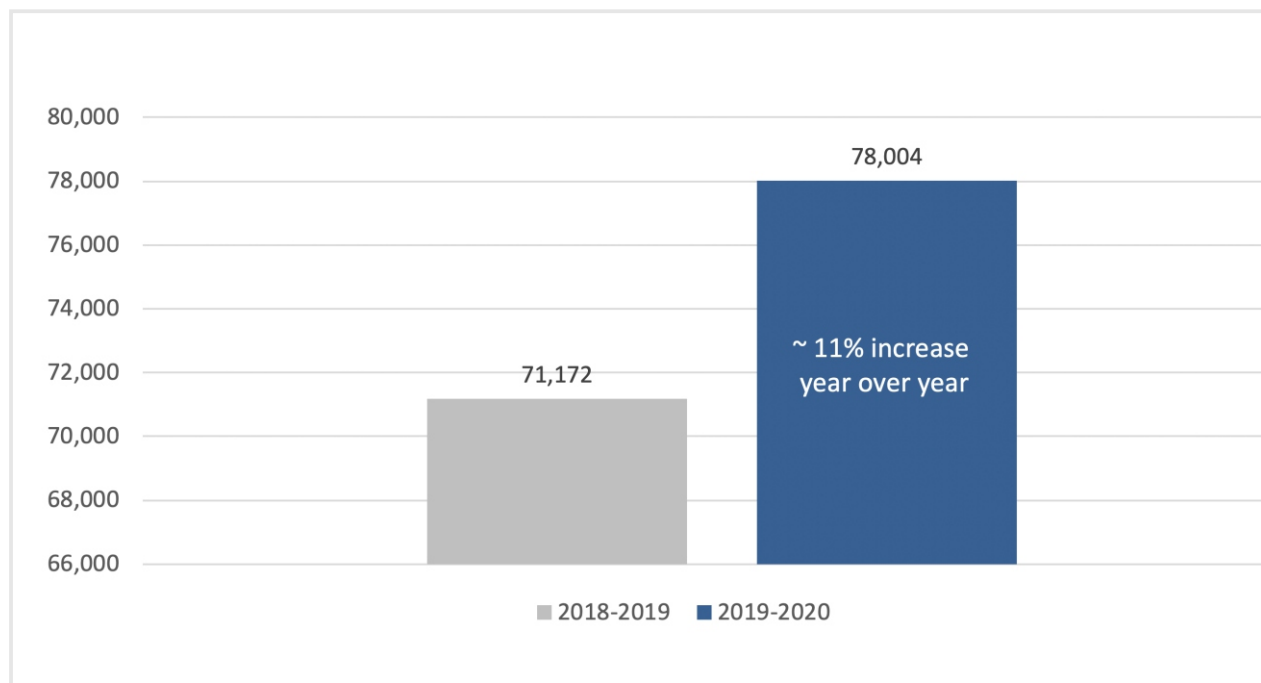
Sunnybrook Holiday Party

The divisional website continues to be our portal to the world and I am very proud of the face we wear, but it's time for an overhaul. Starting this summer, the website will have a new look and updated content. In the meantime, check out the latest traffic stats. Pretty impressive numbers. As always, many thanks to Andrew and Helen Rubtsov of AR Studio for doing such a great job in curating our pages and the newsletter.

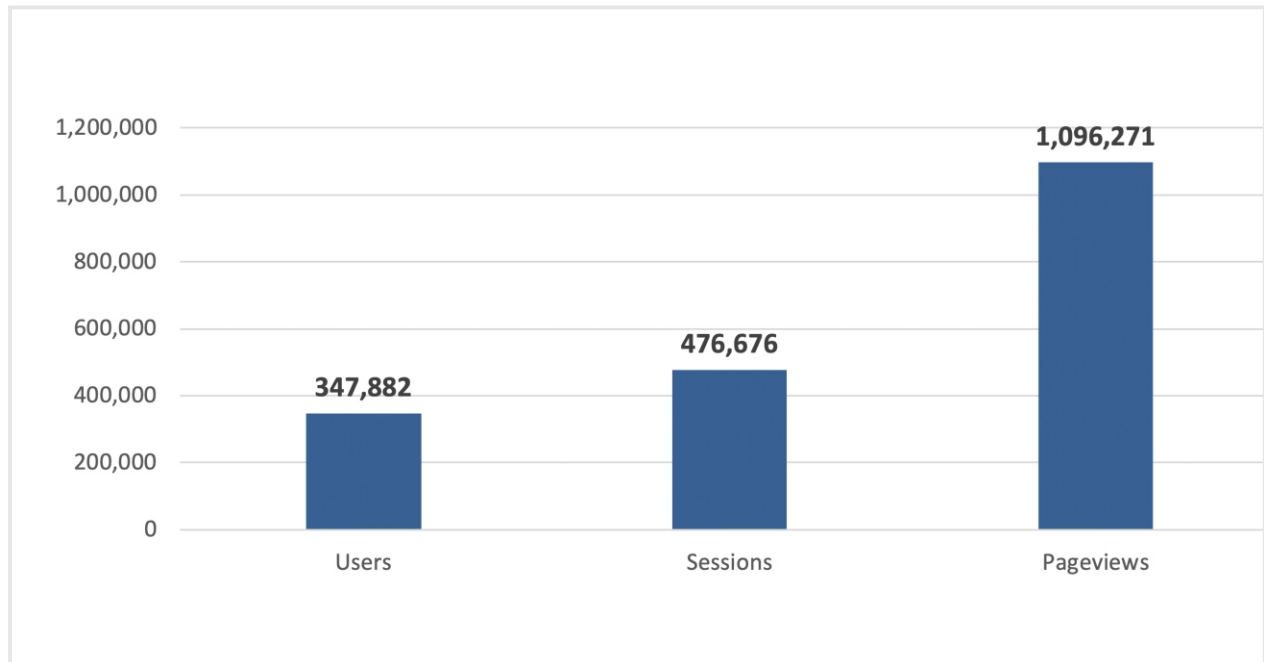
Visual Traffic Trend



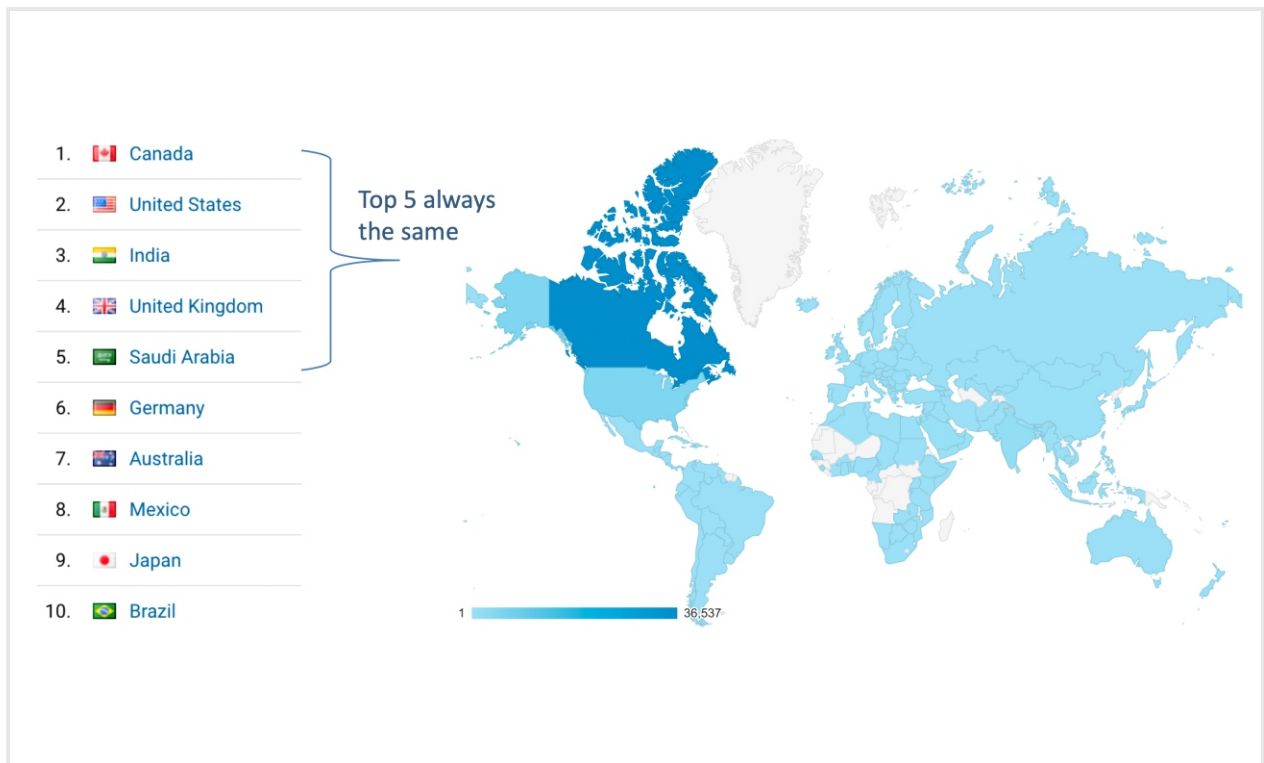
Number of Website Visitors



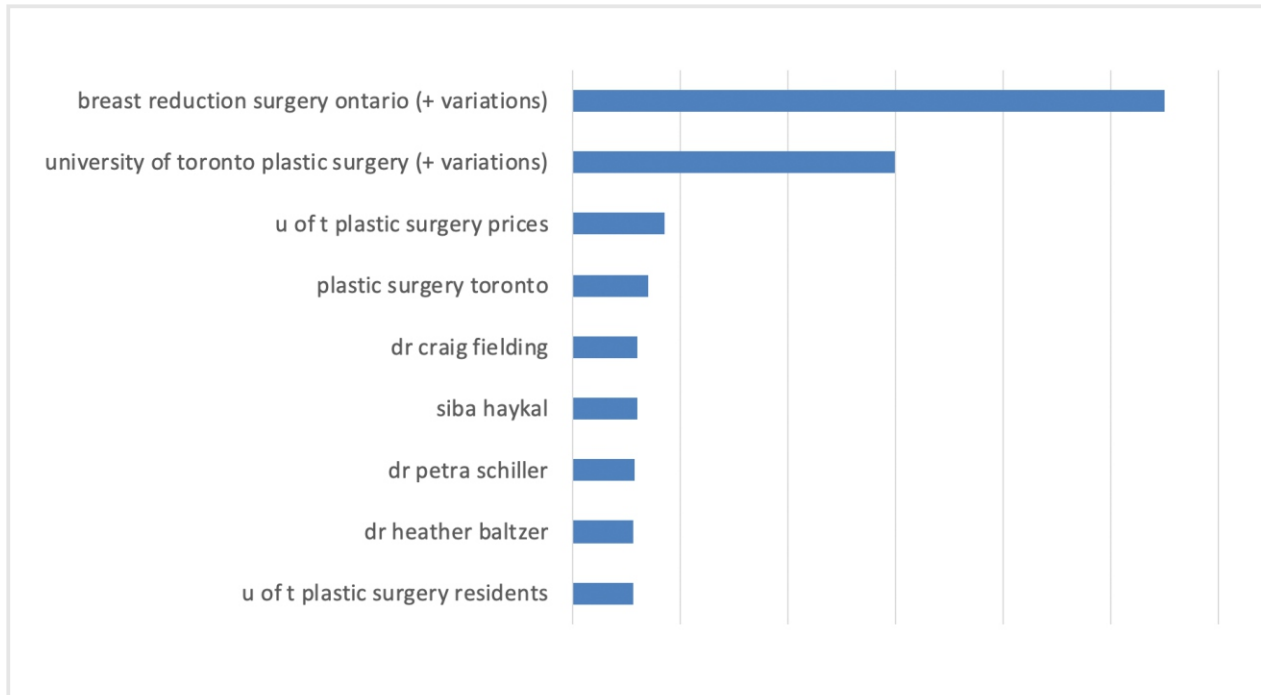
June 2014 Website Relaunch to Present, Overview



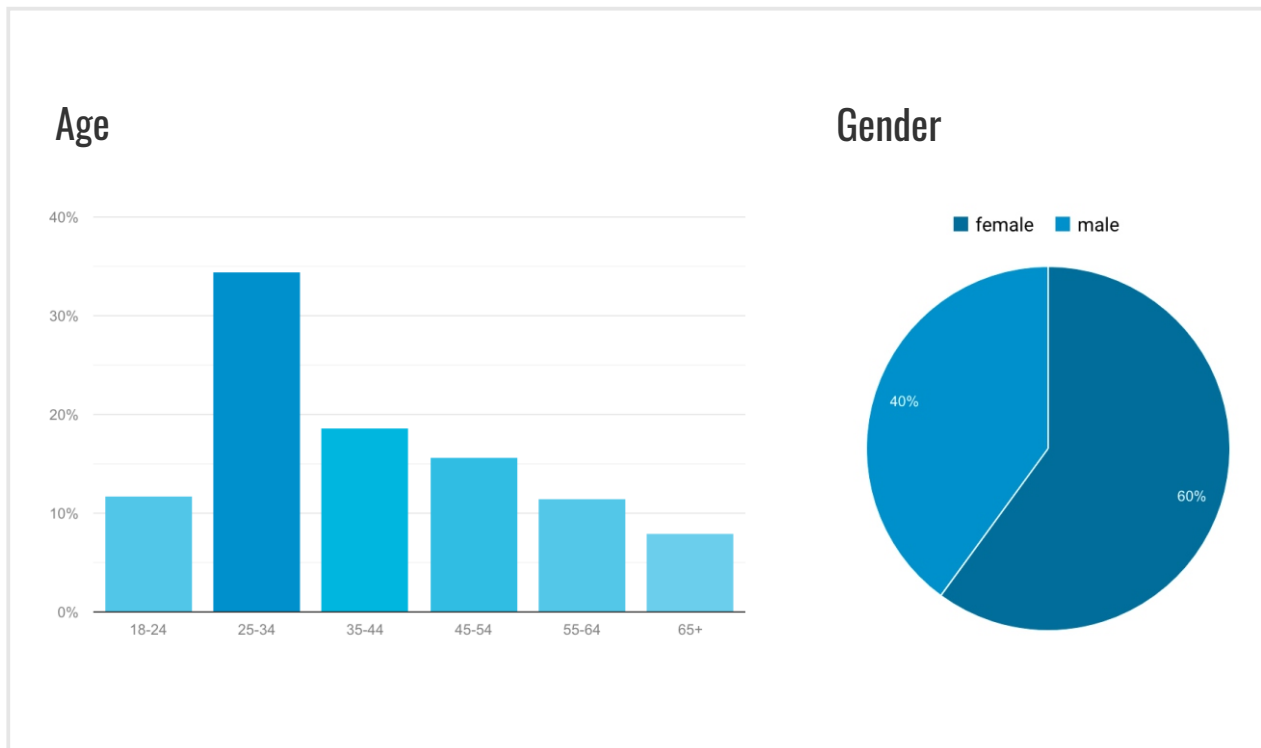
2019-2020 Top 10 Locations



Top Search Terms, Last 90 Days



Visitor Demographics





The Hoyle Campbell Annual Resident Research Day is the highlight of the academic year and we were fortunate to be able to host this before the pandemic engulfed the world.

It was a pleasure hosting **Dr. Klebuc** as the Hoyle Campbell Visiting Professor this year. Mike is Assistant Professor of Surgery in Plastic and Reconstructive Surgery at Houston Methodist Hospital, Weill Cornell Medical College and Director of the Center for Facial Paralysis Surgery and Functional Restoration, Houston, Texas. He was a fellow at the Hospital for Sick Children in 2000-2001 so this was a 20-year anniversary for him. It was great to have him back in town and see what he has accomplished in the area of facial reanimation and microsurgical reconstruction.



The highlights of this event are focused on seeing the broad scope of research that is being carried out in the division, ranging from artificial intelligence to global health and patient-reported outcome measures to top quality basic science nerve physiology research.

Thank you to Karen, Natalia, Melissa, Celine, Whitney, Pierre, David, Moaath, Sultan, Tomas, Josephine, Brian, Annie, Hélène, Kevin, and Adam for all your hard work and to their supervisors for mentoring them to such a high level. It was also a pleasure hearing Dr. Siba Haykal, last year's Young Investigator Award winner, share the work she has been doing on composite vascularized allotransplantation.

Congratulations to the following outstanding individuals who were the recipients of this year's awards:



Mentor Canada, Johnson and Johnson Medical Companies Prize for Best Clinical Paper Award, 2020 was awarded to Dr. Tomas Saun

Title: "Deep Learning for Automated Assessment of Upper Extremity Radiographs".



Allergan Medical Canada Prize for Best Basic Science Award, 2020 was awarded to Dr. Kevin Zuo

Title: "Local FK506 (Tacrolimus) Drug Delivery Enhances Nerve Regeneration Through Unprocessed Fresh Nerve Allografts"

Authors: Kevin Zuo, Golsa Shafa, Katelyn Chan, Jennifer Zhang, Kasra Tajdaran, Tessa Gordon, Gregory Borschel

Supervisor: Dr. Gregory Borschel

I would also like to acknowledge and thank our new resident Research Director, **Dr. Kristen Davidge** for creating a terrific two-day program and ensuring that our research program put its best face forward.

Thanks also to the industry partners who supported the event.



Traditionally, I would have had the pleasure of recognizing the special accomplishments of those people within the division at the Annual Gala Graduation Dinner but perhaps revealing those I feel are notable in these pages may increase the click rate. Nonetheless, our division has cause for celebration. This is the best part about being Chair, btw.



Kyle Wanzel

Chair's Above and Beyond Award

This award recognizes a member of the division who goes above and beyond the normal call of duty and gives that bit extra. This award is designed to acknowledge the work done by a division member over a sustained period that contributes in a significant and meaningful way to the fabric of the division. I would proudly say that all members of the division do that on a regular basis but over the past year, I would like to acknowledge the immense and persistent efforts of our program director, **Dr. Kyle Wanzel**, who continues to go to the limit to ensure that our trainees have the best possible learning experience. He responds to requests and emails always in a timely fashion, listens to concerns and always has sage advice for our trainees. He has spent a huge amount of time organizing the division for Competency by Design and also for an external review of the program by the Royal College. Many thanks, Kyle, and congratulations!



Jim Mahoney

Lifetime Achievement Award

This has been a year which is bittersweet in so many ways. I am delighted to acknowledge the careers and accomplishments of the following three individuals who have meant a lot to our division.

James L. Mahoney MD, FRCSC

St Michael's Hospital

I would like to take a moment to honour and acknowledge the remarkable career of **Dr. James Mahoney** who, as of January 1st, 2020, has tendered his resignation from St. Michael's Hospital after an incredible 38-year career in academia.

Jim completed his medical degree in 1974 at McMaster University, Hamilton and after doing a Straight Surgical Internship at the old Wellesley Hospital, successfully completed post-graduate training in Plastic Surgery and a research year at the University of Toronto under supervision of then-chair Dr. William K. Lindsay. He graduated in 1980 in the same class as notables Susan Mackinnon, Ray Martin, Hugh McLean and Steve Samuel. He then completed a fellowship as Research Fellow at the Eastern Virginia School of Graduate Medicine, Norfolk, Virginia and returned to a staff position at St. Michael's Hospital in a 2-person division with Dr. Peter MacDougall. Jim was appointed as Division Chief in 1986, a position he has held continuously until his retirement, an unprecedented 33 years! In the later part of his career, Jim took an active role in hospital-based administrative responsibilities acting as the Medical Director of Perioperative Services for the past 10 years using his considerable leadership skills to advocate for Plastic and Reconstructive Surgery.

While Jim had a reputation as an expert in hand and microsurgery, he was a Plastic and Reconstructive Surgery

journeyman of sorts and there was very little that he wouldn't take on. With Ralph Manktelow, Nancy McKee and Ron Zuker, Jim helped form the first city-wide microsurgery replant service in the 1980's. When I was his junior resident in 1988, we would have days of multiple ORs with sternal reconstructions in one room, free flaps in another while there was an out-patient clinic with skin cancer surgeries all going on at once. It was an amazingly rich service in terms of breadth and depth of pathology and continues to be. Jim developed a strong clinical interest in wound healing, establishing a highly effective and productive Wound Care Service, acting as its director for 22 years. Under Jim's leadership, the division has grown to a well-needed 4 person team and continues to be a highly rated rotation for the trainees.

A former CSPS President, Jim hosted the meeting in Winnipeg in 2000. He leaves a very respectable CV of publications in many areas of our specialty ranging from the surgical management of pressure sores to the impact of chest compressions post-sternal reconstruction. Jim has sat on the Residency Program Committee for almost 3 decades and has overseen the training of scores of Plastic Surgery trainees. I suspect there is only 1 degree of separation with his name and the rest of the CSPS membership roster – his name is familiar to the entire country. Jim has been integral in the shaping the identity of St. Michael's Hospital and of the division in terms of promoting excellence in clinical care and education. Jim was awarded the Chair's "Above and Beyond" award in 2018 for his dedication to the division. As perhaps, one of the hardest working surgeons in the city, it's hard to imagine him doing anything else but Jim is an expert fly-fisherman and has a great eye for photography. It is hoped that he will enjoy his time away from the clinical and administrative arena to enjoy these pursuits. Jim is also one of several Plastic Surgeons leaving a legacy of having inspired his daughter Mary Helen Mahoney (North York General Hospital) to pursue a career in Plastic and Reconstructive Surgery. Jim has fashioned and enjoyed a career to be envied.

It is hard to do justice to Jim's 38-year career in Plastic and Reconstructive Surgery in a few short paragraphs but the division owes him a huge debt of gratitude for setting the standards of clinical work and education at the highest level and inspiring others to do the same. Thanks Jim and all the best! We look forward to following you in your latest adventures.



Jim and Arnis Freiberg



Jim with Dr. and Mrs. John Persing



Jim and John Taylor



Dr. and Mrs. Mahoney



Jim with former division Chair, Dimitri Anastakis



Jim and his daughter, Mary Helen



Joe Gruss

Joseph Selwyn Gruss MB, Bch, FRCSC

(April 5, 1945- June 26, 2019)

It was sad news to hear of the passing of UofT alumnus and great friend of the division, Dr. Joe Gruss on June 26th, 2019.

Our deepest condolences and sympathies to his family and colleagues in Seattle. Joe was born in South Africa and completed his MB BCh at the University of Witwatersrand in 1969 before doing surgical training in the UK. He moved to Canada and graduated from the UofT Gallie Program under the supervision of Dr. W. K. Lindsay before starting his position at Sunnybrook Health Science Centre. It's hard to imagine the world of Plastic and Reconstructive Surgery in the early 1970's: pedicle flaps, delay procedures and intermaxillary fixation... but that was the era that Joe started his practice. While working with icons like Jim Murray, Ian Munro and Susan MacKinnon, Joe established himself as an international expert in adult craniomaxillofacial trauma repair and championed the use of rigid internal fixation and primary bone grafting techniques in facial fracture repair, concepts which seem basic today but were quite controversial at the time. Joe moved to the University of Washington in Seattle in 1991 where he underwent a transformation into a pre-eminent pediatric craniomaxillofacial surgeon.

During his time at Seattle Children's Hospital, he continued in his trend of transformational care and created the busiest pediatric craniomaxillofacial surgery program in the US in addition to one of the best fellowship programs. His division seemed to have a thing for Canadians hiring UofT alumnus Dr. Richard Hopper and former SickKids fellow, Dr. Ray Tse in addition to former division chair, Dr. Peter Neligan.



Joe was a remarkable technical surgeon and there was nothing he wouldn't take on. Joe's career was enviable. He established guidelines that changed practice, he was a consummate surgeon and superb teacher, he created a legion of mentees and he seemed to enjoy it all. As described by one of his closest friends and colleagues, Dr. Paul Manson, at this year's AAPS meeting in Baltimore, where Joe was honoured with the 2019 Clinician of the Year award, he was known for "thinking outside the box, for looking for solutions to the most difficult problems and being persistent with his ideas".

On the golf course, Joe was a tank and just kept going through the worst weather and there was nothing that he loved to do more than work on his game... he played most of the top courses across the globe and was always nonchalant about his game.



Joe retired in 2018 and it was a cruel twist of fate that his diagnosis of pancreatic cancer should follow before he had the chance to enjoy his time away from the operating room.

I was fortunate to have been Joe's last fellow at Sunnybrook before he left for the US but I enjoyed many years of comradery and friendship. One of my fondest memories was when Joe introduced me to someone as "this is Chris, he's one of my guys". It made me feel really proud. Joe had a lot of "guys"... and girls for that matter, who worked with him and benefited from the generosity of his experience and teaching and ultimately his friendship. He had an enviable career and ultimately made a huge difference to the world of plastic and reconstructive surgery. There aren't many people who can make that claim. He lived life well and will be missed.



Leslie R. Chasmar

Leslie R. Chasmar MD, FRCS(C)

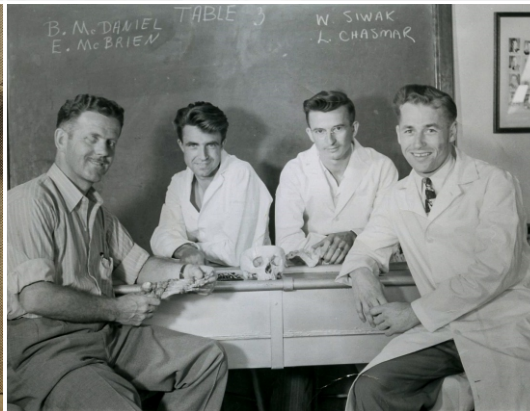
(1924 – 2019)

It was also sad to hear that our oldest alumnus, **Dr. Leslie Chasmar** (Class of '56) passed away recently. Leslie was the former Chair of the Division of Plastic Surgery in Winnipeg and trained several generations of surgeons during his tenure. He graduated MDCM from McGill in 1951 and completed residencies in Montreal in General Surgery and Toronto in Plastic Surgery under Dr. Farmer. Leslie spent his career in Saskatoon and created the training program there. He was given the CSPS Lifetime Achievement Award in 2007. It was a pleasure to have Leslie reconnect with the University of Toronto Division of Plastic and Reconstructive Surgery in 2015 when he attended the Gala Graduation Dinner and received the Chair's Medal. He continued to attend this dinner yearly and I last saw him in June 2019 where he continued to entertain the audience with stories of working under AW Farmer and the challenges of residency. He was 95 years young and a vital member of the CSPS during his career.

Leslie published papers during his academic career on a diverse range of topics such as "A review of 2975 consecutive operations by one surgeon in an accredited outpatient plastic surgicentre to frostbite in the prairie provinces to early burn excision". I recall meeting him as a medical student in 1983 at the annual Canadian meeting in Montreal after Arnis Freiberg introduced me and I was taken by how he actually talked to me and made me feel important. He was a lovely man and by all accounts, a remarkable plastic surgeon and teacher. It was such a treat to have him re-connect with the division and I was also very grateful for his kind and generous support over the past 2 years.



Dr. Leslie Chasmar: popular new operation



Keeping up appearances
Dr. Les Chasmar knows cosmetic surgery inside and out.

Plastic surgeon Dr. Les Chasmar, who has been doing plastic surgery in Saskatoon for about 60 years, stands in the Medical Arts building operating theatre.





Ron Zuker

Ron Zuker Award

This award goes to an individual who highlights the characteristics of Dr. Ron Zuker in his creative and innovative approach to some of the challenges facing us in our specialty as well as his interest in global outreach and education. Ron has demonstrated remarkable ingenuity with his approaches to smile reconstruction, separation of conjoined twins and composite vascularized allotransplantation highlighting the important qualities of collaboration and innovation.

This year's winner, although very early in his career, has demonstrated that same sort of enquiry and adaptiveness in solving a simple problem of how to teach complex surgery by creating a high-fidelity lifelike simulator for cleft lip and cleft palate which has had an impact around the world in terms of education. This simulator has been employed in dozens of workshops across the globe in addition to becoming an essential component of the SickKids rotation. I am delighted to announce the winner of this year's Ron Zuker Award is our recent graduate and SSTP alumnus, **Dr. Dale Podolsky**. Dale is an engineer in his former life and has espoused the philosophy that every problem has a solution. Dale is the first resident to receive the Zuker award. Congratulations, Dale!



Dale Podolsky



Hugh G. Thomson

Dr. Hugh G. Thomson Humanitarian Award

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.

I am delighted to announce that this year, two individuals, **Dr. Celine Yeung** and **Dr. David Wallace** were recognized by their peers and mentors as being outstanding examples of the qualities that Dr. T believed in.



Celine Yeung



David Wallace



Jana Dengler

Early Career Award

The Division of Plastic and Reconstructive Surgery Early Career Award was established to recognize the potential of surgeons in the early years of their career. The monetary award of \$10,000 is provided in order to assist with their academic profile and research. This year's winner is **Dr. Jana Dengler** (Sunnybrook Health Sciences Centre) and her research focus is "Utilization of reconstructive surgery to improve upper limb function in cervical spinal cord injury in Canada". Jana was also the recipient of this year's CSPS Outcome Grants award.



Wayne Carman

Wayne Carman Surgeon Scientist Scholarship Award

Dr. Wayne Carman (MD '75, MSc '79, FRCSC '82) was one of the original surgeon-scientists trainees working with former Chair, Dr. W. K. Lindsay as a member of the "Chicken Club" named for the research being done on flexor tendon healing using the chicken foot as an experimental model. Last year, he generously endowed a scholarship for Surgeon Scientist Trainees in the Division of Plastic Surgery and I am delighted to announce that the inaugural winner of this award is **Dr. Moaath Saggaf**. Moaath is in his second year of the MSc program and is supervised by Dr. Dimitri Anastakis. His project is "Cold Sensitivity in Nerve Compression Syndromes". Congratulations, Moaath!



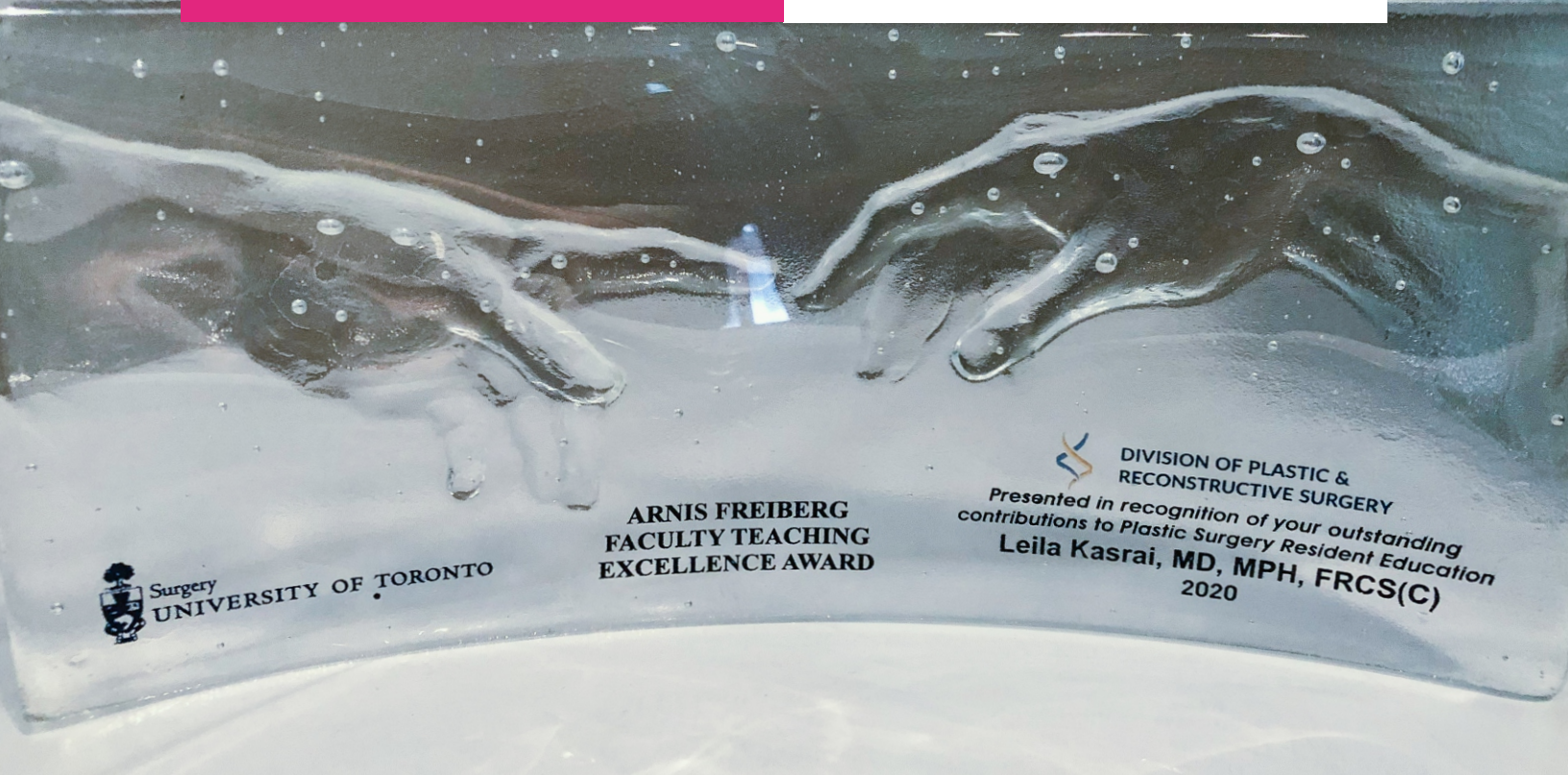
Moaath Saggaf



Christine Novak

Lindsay Research Award

W. K. Lindsay MD, MSc, FRCSC, FACS is the former Chair of the Division of Plastic Surgery and this award was established in his name to recognize the research mentoring efforts of a division member and is chosen by the graduating class of residents. This year Joseph, Dale, Stephanie, Monica and Kalila have recognized the efforts of **Dr. Chris Novak** (The Hospital for Sick Children) and wanted to acknowledge the hard work and dedication she has given to supporting their research efforts during their time in the program. Congratulations, Chris!



Leila Kasrai

Freiberg Teaching Award

Arnis Frieberg was known for his remarkable teaching abilities, not just in zeal and enthusiasm but also in his vision. He was integral in creating the Resident Aesthetic Clinic and a fixture at the Resident's Corner of the Canadian Meeting. An award in his name is given to the best teacher of the year as chosen by the graduating class of residents. This year, **Dr. Leila Kasrai** (St. Joseph's Health Sciences Centre) was selected as someone who emulated Arnis' characteristics. This award is well deserved!



On Monday, October 7th 2019, division members turned out in full force to meet with 160 registered medical students who were interested in learning and understanding more about what our specialty does.

A series of lectures by **Mona Al-Taha**, **Celine Yeung**, Program Director **Kyle Wanzel** and Chair **Chris Forrest** were followed by small group break-out sessions and then beer and pizza. It was a terrific night and a great opportunity to meet the next generation of medical practitioners, whatever they decide to do. It was also a good opportunity to provide education and enlightenment about the nuances of our specialty. Thank you to **Hélène Retrouvey** for coordinating this event and to **Kathy Pavlovic** who made sure it ran smoothly. Thanks also to the division residents and staff who were so generous with their time.







Top: The traditional jumping for joy Hoyle Campbell Visiting Professor picture! Iconic.



They start young...



What's in your backpack? Microsurgeons Kristen Davidge and Greg Borschel have common tastes in careers and apparel.



Those who carve together, stay together. The annual SickKids Halloween pumpkin carving contest.



Class of 2019 (plus Charlie!) Miliana, Rayisa, Jessica and Katie with their Chair's medals from last year's Graduation Gala Event.



Drs. Kyle Wanzel and Mitch Brown. Double digits in terms of years of Program Directorship experience but single-digit handicappers!



Welcome to the 8C Halloween Zoo!
The amazing nurses of 8C in their usual attire.



The SickKids Burn Team in all its glory! Joel, Lisa, Charis and Jenn at the Canadian Burn Conference.



Not just touching hands but fixing them too!
Dr. Andrea Chan on a mission.



The Sickkids team, Johanna Riesel, Peter Qi and Chris Forrest get their jab for the flu... if only there was one for COVID-19



Say ahhhhh! Graduating residents Drs. Dale Podolsky and Monica Yu at the ASMS course.



Hand Program Director Dr. Heather Baltzer



The new normal for 2020, maybe 2021, 2022...



Oh... great things come in small packages!
Drs. Monica Yu, Celine Yeung, Natalia Ziolkowski
and Whitney Quong at Canada's Wonderland.



Graduation ceremonies for SSTP trainees
Dr. Tomas Saun and Kevin Zuo



SSTP trainee Dr. Karen Chung doing field work
at a coffee shop in Addis Ababa in Ethiopia



Jamil's Toronto hospitality!



SickKids fellow Dr. Hatem Alnoman at the ASPS in San Diego



PGY-3 Josephine D'Abbondanza in the new division gear

This division is a complex organism and could not function the way that it does without the incredible support and dedication of the members who contribute in more than just providing clinical service and an educational opportunity for our trainees. Fortunately, that is the majority of the division.

Thank you to all who help make this division what it is!



Top row: Dr John Semple (WCH), Dr. Craig Fielding (St Joseph's Health Sciences Centre), Dr. Jeff Fialkov (Sunnybrook Health Sciences Centre), Dr. Jamil Ahmad (Resident Aesthetic Clinic), Dr. Melinda Musgrave (UG Education), Dr. Steve McCabe (TWH Hand Unit)

Middle Row: Dr. Mary Helen Mahoney (North York General Hospital), Dr. Linda Dvali (Michael Garron Hospital), Dr. Shar Shahrokhi (Ross Tilley Burn Unit), Dr. Joan Lipa (Senior Resident Education Director), CRF (SickKids), Dr. Stefan Hofer (UHN-TGH)

Bottom Row: Dr. Blake Murphy (St. Michael's Hospital and Junior Resident Education Director), RPC Chair Dr. Kyle Wanzel (Program Director), Dr. Jim Mahoney (St. Michael's Hospital), Dr. Kristen Davidge (Research Director), Dr. Karen Cross (Wellness Director), Dr. Josephine D'Abbondanza (Junior Resident Rep) and Dr. Melissa Roy (Senior Resident Rep)

COMPETENCY COMMITTEE



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DIVISION OF PLASTIC & RECONSTRUCTIVE SURGERY



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

Top row: Dr. Shar Shahrokhi, Dr. Melinda Musgrave, Dr. Kyle Wanzel (Competency Committee Chair), Dr. Anne O'Neill, Dr. Ryan Austin

Bottom row: Dr. Jamil Ahmad, Dr. Tara Lynn Teshima, Dr. Trevor Born, Dr. Steve McCabe and Dr. Chris Forrest

EDUCATION



- JOHN PHILLIPS – LEADER (FORMERLY KNOWN AS MANAGER) CANMEDS ROLE**
- CRAIG FIELDING - ETHICS AND PROFESSIONALISM CANMEDS ROLE**
- LINDA DVALI - HEALTH ADVOCATE CANMEDS ROLE**
- MELINDA MUSGRAVE - COLLABORATOR CANMEDS ROLE**
- RON SOMOGYI: COMMUNICATOR CANMEDS ROLE**
- JOAN LIPA: SENIOR RESIDENT EDUCATION COORDINATOR**
- KAREN WONG-RIFF – M&M COORDINATOR & QI DIRECTOR**
- BLAKE MURPHY – JUNIOR RESIDENT EDUCATION COORDINATOR**
- JAMIL AHMAD - DIRECTOR, RESIDENT AESTHETICS CLINIC**
- RYAN AUSTIN - JOURNAL CLUB**
- KAREN CROSS- RESIDENT WELLNESS**

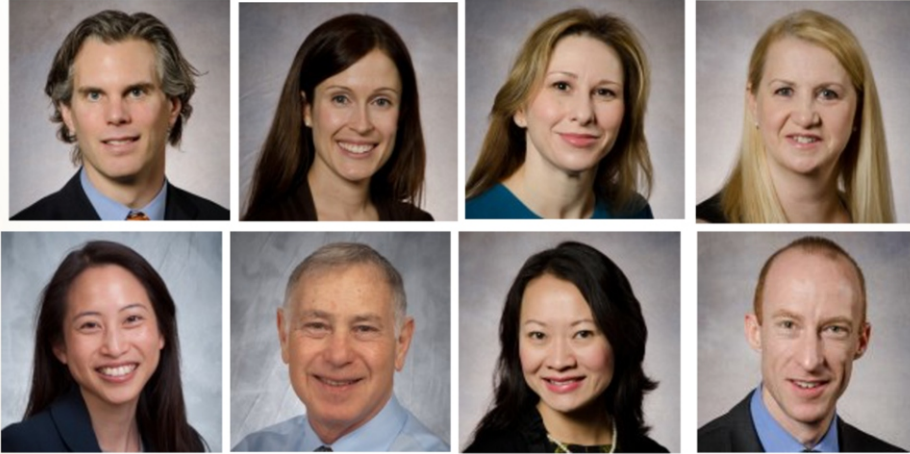


DIVISION OF PLASTIC & RECONSTRUCTIVE SURGERY



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

EXECUTIVE COMMITTEE



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DIVISION OF PLASTIC &
RECONSTRUCTIVE SURGERY



UNIVERSITY OF
TORONTO

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

Top row: Dr. Kyle Wanzel (Program Director), Dr. Kristen Davidge (Research Director), Dr. Joan Lipa (Senior Resident Education Director), Dr. Melinda Musgrave (UG Education),

Bottom row: Dr. Karen Wong Riff (QI), Dr. Ron Zuker (Director of Alumni Relations), Dr. Toni Zhong (Fellowship Director), Dr. Blake Murphy (Junior Resident Education Director),



And finally, a very special thank you to our Program Administrator, **Kathy Pavlovic**. It can be said that the division would not be where it is without her dedication and hard work. We are all very grateful.

Kathy Pavlovic

Division Publications 2019-2020

Radiation for below the knee skin cancers: a single institution experience.

Barnes EA, Sinclair E, Assaad D, Fialkov J, Antonyshyn O, Tsao MN. *J Dermatolog Treat.* 2019 Jul 22;1-4.

Comparative Cost-Effectiveness of Cranioplasty Implants.

Binhammer A, Jakubowski J, Antonyshyn O, Binhammer P. *Plast Surg (Oakv).* 2020 Feb;28(1):29-39.

Best Practice Guidelines for the Management of Acute Craniomaxillofacial Trauma During the COVID-19 Pandemic.

DeSerres JJ, Al-Shaqsi SZ, Antonyshyn OM, Fialkov JA. *J Craniofac Surg.* 2020 May 11;10.1097

Surgical Sparing and Pairing Endovascular Interventions for Carotid-Cavernous Fistula: Case Series and Review of the Literature.

Brenna CTA, Priola SM, Pasarikovski CR, Ku JC, Daigle P, Gill HS, DeSerres JJ, Antonyshyn O, Da Costa L, Yang V. *World Neurosurg.* 2020 May 11;140:18-25

Periareolar Augmentation-Mastopexy.

Austin RE, Saheb-Al-Zamani M, Lista F, Ahmad J. *Aesthet Surg J.* 2019 Aug 22;39(9):953-965. doi: 10.1093/asj/sjz128.PMID: 31056674

The Impact of Skin Care Product Sales in an Aesthetic Plastic Surgery Practice.

Austin RE, Ahmad J, Lista F. *Aesthet Surg J.* 2020 Feb 17;40(3):330-334. doi: 10.1093/asj/sjz105.PMID: 30957175

Commentary on: Decision Making in Preservation Rhinoplasty: A 100 Case Series With One-Year Follow-Up.

Ahmad J. *Aesthet Surg J.* 2020 Jan 1;40(1):49-52. doi: 10.1093/asj/sjz257.PMID: 31621820 No abstract available.

Does Implant Surface Texture Affect the Risk of Capsular Contracture in Subglandular Breast Augmentation and Breast Augmentation-Mastopexy?

Lista F, Austin RE, Saheb-Al-Zamani M, Ahmad J. *Aesthet Surg J.* 2020 Apr 14;40(5):499-512. doi: 10.1093/asj/sjz241.PMID: 31529039

Effect of Forearm Warming Compared to Hand Warming for Cold Intolerance Following Upper Extremity Trauma.

Novak CB, Li Y, von Schroeder HP, Anastakis DJ, McCabe SJ. *J Hand Surg Am.* 2019 Aug;44(8):693.e1. Novak CB, Mackinnon SE, Anastakis DJ, McCabe SJ. *Plast Reconstr Surg.* 2019 Nov;144(5):1116-1122.

Secondary Effects of Radiation Therapy to the Hand for Benign Conditions.

Steen K, Hayward V, Novak C, Anastakis D, McCabe S. *Hand (N Y).* 2020 May;15(3):341-347.

Canadian Plastic Surgery Resident Operative Experience in Hand Surgery.

Yeung C, Shih JG, Knox ADC, Zhygan N, Courtemanche DJ, Fish JS, Brown MH, Anastakis DJ. *J Hand Surg Am.* 2020 Jul 8;S0363-5023(20)30272-0. doi: 10.1016/j.jhsa.2020.05.005. Online ahead of print. PMID: 32653104

Thirty-Day Outcomes Following Surgical Decompression of Thoracic Outlet Syndrome.

Maqbool T, Novak CB, Jackson T, Baltzer HL. *Hand (N Y).* 2019 Jan;14(1):107-113.

The Effect of Increasing Age on Outcomes of Digital Revascularization or Replantation.

Retrouvey H, Solaja O, Baltzer HL. *Plast Reconstr Surg.* 2019 Feb;143(2):495-502.

Utility of Specialized Imaging for Diagnosis of Chronic Wrist Pain.

Dreckmann SC, von Schroeder HP, Novak CB, Baltzer HL. *J Wrist Surg.* 2019 Dec;8(6):497-502.

Division Publications 2019-2020 (cont'd)

Role of Postoperative Anticoagulation in Predicting Digit Replantation and Revascularization Failure: A Propensity-matched Cohort Study.

Retrouvey H, Solaja O, Baltzer HL. *Ann Plast Surg.* 2019 Nov;83(5):542-547

Comparative Study of Early Health Care Use after Forearm Corrective Osteotomy.

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HOSPITAL FOR SICK CHILDREN

HOSPITAL FOR SICK CHILDREN



Christopher R. Forrest

It has been a great year for the staff, fellows and residents despite all that has gone on. Our division has 9 full-time staff surgeons making it one of the largest groups of full-time pediatric plastic surgeons in North America.



Eduardo Gus

I am pleased to announce that we have recently grown as one and that we have just recruited **Dr. Eduardo Gus** as the latest and highly needed burn surgeon to help Joel Fish and the seemingly increasing number of burn cases that come our way. Eduardo trained in Brazil and then completed fellowships at the Ross Tilley Burn Centre, TGH-UHN and SickKids before taking a post in the burn unit in Melbourne, Australia. Welcome back, Eduardo!

HOSPITAL FOR SICK CHILDREN



The SickKids team pretending to be Dr. David Fisher practicing their Fisher repairs using the cleft simulator



SickKids fellow Dr. John Staples with a birthday message in vegan donuts

Department of Plastic and Reconstructive Surgery

Fellows 2019-2020



Michael R. Bykowski

Michael received his medical school education from the University of Pittsburgh School of Medicine through the Physician-Scientist Training Program. He then completed his plastic surgery training at the University of Pittsburgh Department of Plastic Surgery.

Izabela Galdyn

Izabela Galdyn was born in Krakow, Poland and was raised in New Jersey, USA. She graduated from NYU where she double majored in Biology and Classic Civilizations. She attended Northeast Ohio Medical University and finished her Plastic Surgery Residency at Loma Linda University in California. She is very excited to be joining the department as a Paediatric Plastic Surgery Fellow.



Hatem Alnoman

Hatem finished his plastic surgery residency training in Jeddah, Saudi Arabia in 2016 then he moved to Toronto last year with his family to follow his dreams in doing his fellowship training in the hospital for Sick Children. He enjoyed every moment in training last year and is enthusiastic to start his second year with new objectives.

Johanna Riesel

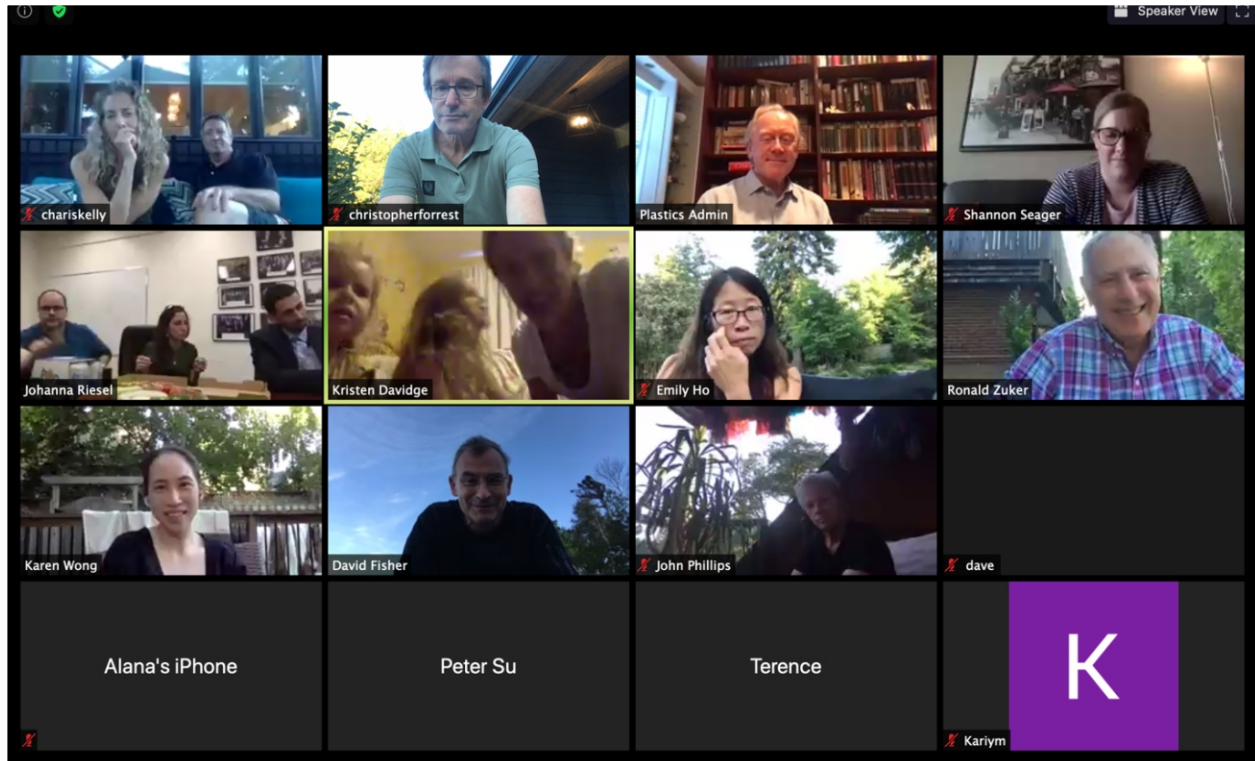
Johanna Riesel is originally from New York City. She recently completed her plastic surgery residency at the Harvard Plastic Surgery Residency program in Boston, MA. In addition to all aspects of craniofacial surgery, she is interested in global surgery, surgical education, surgical illustrations, and staying active in the great outdoors.



John Staples

John Staples was born in the farming community of Kindersley, Saskatchewan and attended the University of Saskatchewan in Saskatoon for undergraduate studies in Engineering. John studied Medicine at the University of Alberta. His interest in paediatric plastic surgery was nurtured during this time, was fortunate to be able to pursue fellowship training, first at the Royal Children's Hospital in Melbourne, Australia, and now at the Hospital for Sick Children in Toronto.

HOSPITAL FOR SICK CHILDREN



Our recent Zoom Fellows goodbye “party”

Department of Plastic and Reconstructive Surgery



Natalia Ziolkowski
PGY 4

July 1st -
October 31st, 2019



Peter Qi
PGY 3

July 1st -
October 31st, 2019



Steven Hanna
PGY 3

July 1st -
October 31st, 2019



Hélène Retrouvey
PGY 3

November 1st -
February 29th, 2020



Sultan Al-Shaqsi
PGY 4

November 1, 2019-
February 29, 2020



Kevin Zuo
PGY 3

November 1, 2019-
February 29, 2020



Grace Kim
PGY 1

November 18, 2019-
January 12, 2020



Katie Hicks
PGY 1

January 13-
March 8th, 2020



David Wallace
PGY 4

March 1st -
June 30, 2020



Mawaddah Alrajaji
PGY 3

March 1st -
June 30, 2020



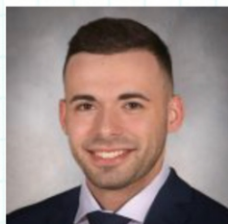
Thomas Saun
PGY 3

March 1st -
June 30, 2020



Syena Moltaji
PGY 1

March 9th -
May 3, 2020



Mark Shafarenko
PGY 1

May 4th -
June 30th, 2020

Residents 2019-2020

HOSPITAL FOR SICK CHILDREN

Division of Plastic & Reconstructive Surgery Residents 2020

PGY5



Sultan Al-Shaqsi
March-June '21

PGY4



Celine Yeung
November '20-February '21



Tomas Saun
March-June '21

PGY3



Annie Wang
July-October '20



Josephine D'Abbondanza
July-October '20



Adam Mosa
November '20-February '21

PGY1



Emma Avery
November '20- January '21



Alexander Adibfar
January-March '21



Marshall Thibedeau
March-May '21

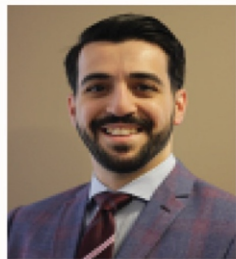


Chantal Valiquette
May-June '21

Thanks also to our rotating resident crew

We also are looking forward to the new crew starting up. **Dr. Adrian McArdle** has moved south from a fellowship year at Sunnybrook with **Drs. Joan Lipa** and **Laura Snell**. Adrian is originally from Ireland. **Dr. Jouseph Barkho** has recently graduated from his residency in Hamilton and has just started as pediatric plastic surgery fellow. Currently, our two craniofacial fellows, both from Australia, **Drs. Ian Loh** and **Diana Kennedy** have arrived in Canada and are quarantining. Finally, we are lucky to have **Dr. Izzy Galdern** stay on for an additional 6 months as senior fellow. This is going to be a great crew!

Division of Plastic & Reconstructive Surgery Fellows 2020



Jouseph Barkho

Jouseph and his family are first generation immigrants from Iraq, who settled into the blue collar town of Windsor, Ontario. He was fortunate enough to complete medical school in Windsor through Western University's satellite campus. Continuing with blue-collar tradition, he completed Plastic Surgery Residency at McMaster University, in beautiful Hamilton, Ontario, where he currently lives. This year he is excited to learn as much as he can about Pediatric Plastic Surgery at the Hospital for Sick Children.

Diana Kennedy

Diana Kennedy comes from Queensland, Australia. In 2019 she completed her training in Plastic and Reconstructive Surgery under the auspices of the Royal Australasian College of Surgeons. She will complete a Cleft and Craniofacial fellowship at Queensland Children's Hospital in Brisbane, before moving to Canada with her husband and two young sons to undertake further Craniofacial training at the Hospital for Sick Children.



Adrian McArdle

Adrian McArdle completed his plastic surgery residency training in Ireland. He completed a clinical fellowship at Sunnybrook prior to coming to Sick Kids. He is excited to continue his training in Canada at the Hospital for Sick Children.

Ian Loh

Ian Loh is from Melbourne, Australia where he graduated from Monash University & completed his surgical training. He received his Royal Australasian College of Surgeons fellowship in Plastic & Reconstructive Surgery in February 2020. Since then he has completed a 6 month Craniofacial surgery fellowship at The Royal Children's Hospital, Melbourne. He has travelled over with his family & is keen to further his knowledge of the specialty at the Hospital for Sick Children.



HOSPITAL FOR SICK CHILDREN



SickKids fellows, Drs. Johanna Riesel, Hatem Alnoman and Mike Bykowski.

Staff Updates

We are thrilled to have **Dr. Karen Wong Riff** return after a 12-month maternity leave. The division has felt a little empty without her.

Dr. Howard Clarke has embarked on a 3-year transition to retirement and has reduced his activity to 0.5 FTE with 3 months alternating off and on. Smart!

Dr. John Phillips continues his foray into machine learning and artificial intelligence networks with the group from the University of Waterloo in an attempt to bring science to the artistic world of craniofacial surgery.

The burn team of **Dr. Joel Fish** and **Charis Kelly** are breathing a deep sigh of relief now that the division will have some help in managing the burn patient population. Joel is basking in the glory of his well-deserved promotion to Full Professor.

Dr. David Fisher was poised to host International Society for Auricular Reconstruction meeting in September but sadly, like most 2020 meetings is now a COVID-casualty. David was co-author on Ray Tse's paper that won this year's James Barrett Brown Award. He is turning his energies to other pursuits (see back cover).

Dr. Greg Borschel also has had a high-profile year, as President of the ASPN and as Chair of the Plastic Surgery Research Council in addition to generating significant research interest in N-95 mask recycling.

Dr. Kristen Davidge has had a great first year as the University Division Research Director and has developed an international profile in the world of peripheral nerve and OBPP.

Dr. Emily Ho has accepted a faculty position as Assistant Professor in the Department of Occupational Science and Occupational Therapy (OS&OT) at UofT. She will be teaching the musculoskeletal foundations course for the OT Yr 1 class as well as linking her research activities with Sickkids, PRS, and OS & OT.

HOSPITAL FOR SICK CHILDREN

Dr. Chris Novak will be completing her year as Past-President of the ASPN and has kindly agreed to use her mentoring skills to help the fellows and residents at SickKids with their research projects.

Dr. Terrence Kwan-Wong remains as clinical associate for the coming year and has been an invaluable asset to the division. Terrence is completing his MSc in Education through OISE.

Dr. Ron Zuker continues to be a divisional presence and ambassador for the division. He is a terrific Director of Alumni Relations and remains in his role with Sick Kids International.

ROSS TILLEY BURN CENTRE

ROSS TILLEY BURN CENTRE



Marc Jeschke

The Ross Tilley Burn Centre is located at Sunnybrook Health Sciences Centre. The burn centre is equipped with fourteen beds including ten ICU beds and four intermediate beds, a resuscitation room, as well as its own OR. Our burn centre functions as a fully autonomous entity.

The burn centre is staffed by a multidisciplinary team comprised of burn surgeons, nurses, respiratory therapists, dietitians, physiotherapists, occupational therapists, social workers, pharmacists, speech-language pathologists, other support staff, and physicians such as psychiatrists (rehabilitation physicians), psychiatrists, critical care physicians, anesthesiologists, and geriatric physicians. We have four full-time surgeons dedicated to burn surgery as staff. We have two fellows and typically 10-12 residents rotating through the burn centre yearly. Our clinical focus is the care of acute burn patients, but also spans care over many years in terms of restoring lives and quality of life. In addition, we also treat patients with acute and complex wounds, as well as scars.

The RTBC will be undergoing a programmatic review as well as the ABA re-verification process in 2020. In terms of innovation, future plans also include launching several novel clinical translational research trials that will enhance the care as well as our understanding of our burn care and therapy.

Departures / Arrivals

Over the last year the Ross Tilley Burn Centre had two fellows, **Dr. Arij Elkhatab** and **Dr. Luis Meza Escobar**. They finished their fellowship with us at the end of June 2020. In August 2020 we have two new Fellows joining the team, **Dr. Alexander Gerdom** from Belgium and **Dr. Isabel Pilz** from Brazil.



Stephanie Mason

In September 2020, **Dr. Stephanie Mason** will join our RTBC family. She completed her general surgery training at the University of Toronto in 2019. During residency, she completed a PhD in clinical epidemiology, with a focus on long-term outcomes after major burn injury. She is currently completing fellowship training in Burns, Trauma, and Surgical Critical Care at the University of Washington - Harborview Medical Center. Her clinical interests are burn care and emergency general surgery.

Stephanie plans to build a research program aimed at understanding and improving long-term outcomes for burn survivors through mixed methods health services research, with a particular interest in the impact of marginalization and mental illness on injury outcomes. She is thrilled to be returning home to Toronto to begin her career among an inspiring team of burn care providers.

Dr. Mason will bring lots of knowledge and insights from her fellowship, and a research knowledge that will benefit our patients greatly.

ROSS TILLEY BURN CENTRE

Notable Accomplishments

On April 24, 2019, we celebrated the 20 year anniversary of the Ross Tilley Burn Centre at Sunnybrook. The burn centre moved from The Wellesley Central site of St. Michaels' Hospital to the Sunnybrook campus in December, 1998. Our burn centre was named in honour of Dr. A. Ross Tilley, a Canadian plastic surgeon who was a pioneer in the field of burns and plastic surgery.

Over the last 20 years, the Ross Tilley Burn Centre has evolved with our annual admissions increasing from approximately 100 patients to over 300 patients; in clinic from 250 outpatient visits to over 2,000 outpatient visits. We were the first burn centre in Canada and the second outside the United States to be verified by the American Burn Association. Our education program has expanded both in the number of students trained and establishment of our Total burn Care Fellowship. Our research program changes the way we care for burn patients and patients with complex wounds by accelerating translational research to enable delivery of evidence-based treatment.

We have accomplished many things over the last two decades and we have become one of the leading burn centres in North America. Most importantly, we have truly improved patient care.

At our celebration, we had **Dr. Jon Dellandrea** (President and CEO of the Sunnybrook Foundation), **Dr. Andy Smith** (President and CEO of Sunnybrook Health Sciences Centre), **Dr. Marc Jeschke** (Chair in Burn Research), and **Anthony Haines** (President and CEO of Toronto Hydro) provide remarks.

In 2019 we were able to successfully campaign for funds to purchase a CO2 laser. We had all four burn surgeons trained and have started using the laser in our burn OR for our reconstructive patients. This treatment has been very effective and our patients are thrilled to have this OHIP covered service here at Sunnybrook. In fact, one of our patients, **Anna Janiszewska** who suffered burns after an ethanol-fuelled tabletop fire pot exploded, has had several laser procedures. Anna shared her story and was featured on the cover of the spring 2020 edition of the Sunnybrook magazine.



ROSS TILLEY BURN CENTRE



Marc Jeschke

Staff Updates

Dr. Marc Jeschke

Distinguished Lecture. Current Burn and Research: Knowledge Translation. The Burlington Northern

Fund Visiting Lectureship in Trauma. Dallas, Texas, United States.

Distinguished Lecture. Presidential Address: How to succeed when you fail. Presidential Address. Shock Society 42nd Annual Meeting. San Diego, California.

Distinguished Guest Lecture. Burn Care: Some Burning Questions on How to Improve Outcomes. John Hansbrough Annual Lecture. UC San Diego. California, United States.

Distinguished Guest Lecturer. Burn Care: Some Burning Questions on How to Improve Outcomes. Dr. Walter E. Pleban Memorial Lecture. Yale New Haven Health Bridgeport Hospital. Bridgeport, Connecticut, United States.

Invited Speaker. Some burning questions: Modern burn care and how to improve outcomes. Department of Surgery Grand Rounds, CHUM, Montreal, Quebec, Canada.

Invited Speaker. How to build teams and make sure they perform. Division of Plastic Surgery Grand Rounds, CHUM, Montreal, Quebec, Canada.

Distinguished Lecture. Presidential Address: How to succeed when you fail. Presidential Address. 1st meeting of the Canadian Burn Association. Ottawa, Ontario.

CBC Radio and CBC National News: New Zealand has ordered more than 1,290 square feet of skin for volcano victims.

Ethanol burn admissions on the rise. CTV News, Canada.

Burn victims' families push for ban on ethanol firepot burners. CTV News, Canada.

'She is not recognizable': Scarborough woman severely burned by ethanol-fueled device. CTV News, Canada.

What are the possible health risks following the York Memorial C.I. fire? Global News, Canada.

2019 elected President Shock Society

2019 elected Councilor-at-large Surgical Infection Society

2019 elected President Canadian Burn Association



Shahriar Shahrokhi

Dr. Shahriar Shahrokhi

Invited Speaker. Current Clinical and Research Aspects in Burn Care. 2019 Wounds Canada Fall Conference. Niagara Falls, ON, Canada.

Invited Speaker. Analgesia, Sedation and Withdrawal in Adult Burn Care in the Era of Opioid Crisis. 6th Annual Canadian Burn Care Symposium. Ottawa, ON, Canada.

Guest Lecturer. Management of Thermally Injured Patients for First Responders. Loyalist College Paramedic Program. Belleville, ON, Canada.

Invited Speaker. The Role of NPWT with Instillation in The Treatment of Complex Wounds/Burns. Critical Care Challenges Conference. Sunnybrook Health Sciences Centre. Toronto, ON, Canada.



Rob Cartotto

Dr. Robert Cartotto

Visiting Professor U of Alberta Division of Plastic and Reconstructive Surgery Resident Research Day.

ROSS TILLEY BURN CENTRE



Alan Rogers

Dr. Alan Rogers

Invitation to support Richard Wong She's burn surgery team managing the White Island burn disaster at Middlemore, Auckland, New Zealand - January 2020.

Plastic surgeon for burn reconstruction mission: Mercy Ships, Dakar, Senegal - September 2019.

Awards and Recognitions

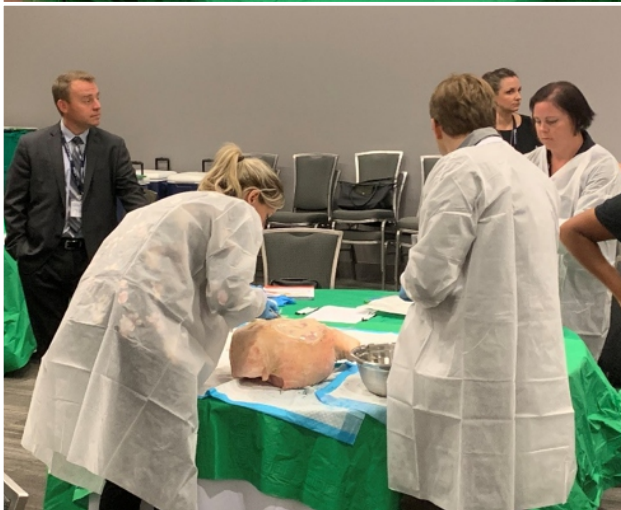
Canadian Burn Association

The Ross Tilley Burn Centre was instrumental to the Canadian Burn Association (CBA) inaugural meeting in Ottawa. Bylaws for the association are written. It will now be an annual meeting that includes approximately 300 attendees from all aspects of burn care and wound providers. This is a fledgling association that is critical as it brings care providers across Canada together. We will continue to build the Canadian Burn Association, in order to provide excellent care.

*Acute and Scar Reconstruction Utilizing Integra® Dermal Regeneration Matrix: A Didactic and Hands-On Learning Experience**

Speaker: **Dr. Shahriar Shahrokhi**

*Non-accredited, industry sponsored Satellite Symposia



ROSS TILLEY BURN CENTRE

Awards and Recognitions

*Seeking Solutions: Exploring the Use of Negative Pressure Therapy with Instillation in Acute and Chronic Wounds**

Speaker: **Dr. Alan Rogers**

*Non-accredited, industry sponsored Satellite Symposia

Dr. Marc Jeschke

Principal Investigator. Burn induces hypermetabolism via browning of the white adipose tissue. National Institutes of Health. National Institute of General Medical Sciences. R01GM133961. 1,301,997 USD.

Principal Investigator. A phase I, randomized, safety, and efficacy trial of autologous burn-derived stem cells for wound healing. Ontario Institute for Regenerative Medicine. Disease Team Grant. 450,000 CAD.

Dr. Rob Cartotto

Initiation of ABRUPT-2 Study (Co-PI, US DOD 3.2 million USD funded RCT on albumin vs crystalloid burn resuscitation JPC-6/CCCRP) JW 180038.)

Dr. Alan Rogers

Innovation AFP grant recipient - \$100 000 - PI - Virtual Reality in Burns.

Acknowledged for 3 years of service to Sunnybrook's research ethics board. Invited to continue membership.

Completed 3 years as co-ordinator of divisional journal club.



ST. JOSEPH'S HEALTH CENTRE

ST. JOSEPH'S HEALTH CENTRE



Craig Fielding

This year so far at St Joseph's has been an unusual one. Our team of Drs. Fielding, Kasrai, Levine, and Wanzel has been joined by Ryan Austin as a clinical associate. We have had both senior and junior Plastic Surgery residents, but unfortunately not many elective or Core rotation medical students, due to the pandemic.

COVID struck our hospital very hard initially, and Plastic Surgery was among the services which was essentially closed down during Directive 2. For the last month we have had a few days in the Operating Room, but we do not expect to get up to our usual amount of patient care until September at the earliest. This has meant less OR experience for the residents, and we wish it were not so. Hopefully as the health care system gets into its next phase of re-opening we will be able to once again offer the training experience we would like to at St. Joe's.

I hope all of you stay healthy during this stressful time.

ST. MICHAEL'S HOSPITAL

ST. MICHAEL'S HOSPITAL



Blake Murphy

St. Michael's hospital currently provides care for a broad range of plastic surgery patients. The hospital is one of two Level 1 trauma centres in the Greater Toronto Area. Our current group consists of 3 full time members appointed in the Department of Surgery.

Our group has clinical interests in craniofacial trauma and reconstruction, advanced wound care management and reconstruction, breast cancer and general oncology reconstruction. In addition, all members of our group provide care in general plastic surgery, including cutaneous malignancies and traumatic upper extremity injuries.

We plan to hire at least one full time plastic surgeon in the near future. This person will have fellowship training in hand, wrist and upper extremity.

Departures / Arrivals

James Mahoney was a long-standing member of the division of plastic surgery at St. Michael's Hospital and retired at the end of 2019. He provided care for a wide range of plastic surgery patients and had a special interest in developing a well-respected wound care and reconstruction program at St. Michael's Hospital. This is now managed by all members of the plastic surgery team, with **Dr. Karen Cross** having a particular interest in wound care and providing leadership in this area.

ST. MICHAEL'S HOSPITAL



Jim's retirement party







Melinda Musgrave

Staff Updates

Melinda Musgrave was invited to attend the “Women in Medicine Summit in 2019 as a guest speaker. The theme of this summit was Empowerment and Dr. Musgrave presented a talk entitled “Teaching Fearlessness: How to Stand Tall”.

Melinda Musgrave became a member of the Education Foundation for the Canadian Society of Plastic Surgeons.



Karen Cross

Karen Cross has had a successful year as the CEO, co-founder of MIMOSA Diagnostics. The first portable handheld technology for remote tissue oximetry assessment has been cleared by the FDA. In addition, her team has developed a connected care platform with virtual care to link the patient and their physician as a second device in the portfolio. Academically, her work is centred on mobile health care and chronic wounds. She continues to collaborate on the international Wound-Q PROM development with a recent BMJ Open publication. Her academic work continues to advance diagnostics and therapeutics in the wound care space. She has been presenting both at internationally renowned wound care conferences and in Business. Karen’s work with MIMOSA has been highlighted on Global News as the past winner of the Angel’s Den and recently as one of the “10 Canadian Health Innovators You Need to Know”.



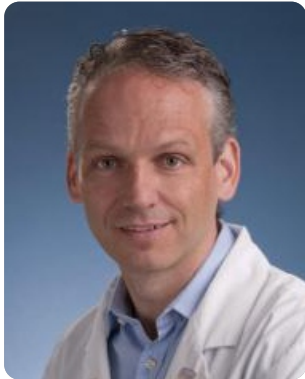
Blake Murphy

Blake Murphy, working with **Stefan Hofer** at University Health Network, continued his research on the application of augmented reality applications in surgical education and navigation. We filed a provisional patent on this work detailing the framework required for multi-client augmented reality. The goal of this research is that it will lead to virtual simulations to supplement resident learning and assessments, and eventually be integrated into pre-operative planning and surgical navigation.

Blake Murphy successfully completed his 1 year continuing appointment review with the department of surgery as a surgeon investigator.

UNIVERSITY HEALTH NETWORK (UHN)

UNIVERSITY HEALTH NETWORK (UHN)



Stefan Hofer

The Division of Plastic Surgery at UHN and MSH works out of Toronto General Hospital, Toronto Western Hospital, Princess Margaret Cancer Centre, Toronto Rehab Institute, and Mount Sinai Hospital.

We have a total of 10 full time staff Plastic and Orthopedic Surgeons and 2 part-time associate staff Plastic Surgeons. The main focus in our Division at these sites is Reconstructive Surgery for Oncology patients (i.e. breast, sarcoma, head & neck, pelvic, skin) and Hand Surgery (i.e. complex hand trauma, peripheral nerve, complex wrist, acquired conditions).

Future plans have been seriously disrupted by the current pandemic. We have halted many of our planned activities and are currently focused on strategies to rebuild our clinical practices so that we can hopefully return to more normal teaching and research activities from our clinical practices in the coming year.

Staff Updates

Many accomplishments have been achieved throughout the year by several members of our Division.

Invited lectures were given at the Duke Flap course in Durham NC, the Ukraine Breast meeting in Dnipro, Ukraine, the ASPS meeting in San Diego, the ASRM meeting in Fort Lauderdale FL by **Dr. Hofer**. **Dr. Haykal** was a Keynote Speaker at the National Lymphedema Conference. **Dr. Zhong** spoke at the UJA Women's Philanthropy Health Wellness Roundtable in Toronto and the Toronto Flagship BRA Day event.



Anne O'Neill

The last part of the academic year has greatly disrupted travel and new innovation has brought forward the rise of webinars. As a result of several canceled trips we have actively participated in these webinars. **Dr. Hofer** has presented at webinars in Canada, Colombia, Nepal, Spain, Mexico and the UK over the past 2 months.

Visiting Professor rounds were given at John Hopkins Department of Plastic Surgery by Dr. Hofer. Dr. Hofer was an instructor at the Duke flap course in Durham NC. Dr. Haykal was a Visiting Professor at the National Capital Society of Plastic Surgeons in January 2020.

Promotion to Associate Professor was awarded to **Dr. Anne O'Neill**.



Siba Haykal

Special Events

Dr. Hofer was awarded the Visiting Microsurgery Educator Award by ASRM to travel to Kathmandu, Nepal and lead a surgical trip to teach and perform clinical microsurgery. Dr. Zhong was part of the UJA Women's Philanthropy, Health Wellness Roundtable in Toronto on Breast Health. She also presented at the Toronto Flagship BRA Day in Toronto.

Funding: In addition to existing research programs and grant funding, which have produced 20 peer reviewed papers over the current academic year, **Dr. Haykal** received grant funding as the United Therapeutics Project Lead as well as an Early Career Award in the Division of Plastic Surgery at UofT for her basic science work on Tracheal Transplantation.

Dr. Zhong is a Co-Investigator on a Canadian Cancer Society "Innovation to Impact Grant Program".



Toni Zhong

UNIVERSITY HEALTH NETWORK (UHN)



Heather Baltzer

Toronto Western Hospital Hand Program

The TWH Hand Program includes orthopaedic and plastic surgeons, dedicated hand therapists, cast technicians, research personnel, and administrative staff. We participate in medical school, residency, and fellowship training. We are physically located at the Toronto Western Hospital on 2 East, taking care of hand and upper extremity problems at UHN, also performing surgery at Women's College Hospital and taking care of emergency patients from Mount Sinai Hospital.

Our surgeons include the Director, **Dr. Heather Baltzer**, and **Drs. Dimitri Anastakis, Herb von Schroeder, Steve McCabe, Ryan Paul, Andrea Chan, Michelle Zec, Ryan Austin, and Jamil Ahmad**. Each surgeon has areas of special interest that range from distal radius fractures, Kienbock's disease, wrist ligament injuries, to nerve compression, CMC arthritis, brachial plexus injuries, Dupuytren's disease, nerve transfers, and targeted muscle reinnervation.

The Hand team has a breadth of research interests that include the evaluation of biomarkers in CMC arthritis, aspects of peripheral nerve compression, measuring outcomes of tendon transfers and other disorders, patient literacy and decision making, the evaluation and care of wrist pathology among others. We have two full time research associates with our practice.

Staff Updates

Dr. Andrea Chan supervises a weekly journal club that has become hugely successful and popular.

Dr. Dimitri Anastakis supervises a surgical scientist trainee.

Dr. Heather Baltzer has welcomed a new addition to the family.

Dr. Herb von Schroeder has recently returned from a productive sabbatical.

Drs. Paul, Chan, and von Schroeder participate in a national research collaborative dedicated to wrist research.

Dr. McCabe with **Dr. Antonyshyn** is developing an outreach program to enhance services in Plastic surgery to the Muskoka Algonquin Healthcare system.

Dr. Zec has joined the hand team while **Dr. Baltzer** is on maternity leave.

WOMEN'S COLLEGE HOSPITAL

WOMEN'S COLLEGE HOSPITAL



John Semple

Women's College Hospital, Toronto, established as an academic regional ambulatory centre in downtown Toronto. The Division of Plastic Surgery focuses on Breast Surgery, Breast Reconstruction and TRS Top Surgery and clinical research in these specific areas.

Women's College Hospital is supporting the recruitment for another Plastic Surgeon with both a clinical and research focus on TRS Top Surgery. The COVID Pandemic has put this search process on hold for the time being.



WCH Team July-Dec 2019

Left to Right: Rayisa Hontscharuk (Fellow), Luis Valencia (Fellow), J Semple, M Brown, Joseph Catapano (R5), Medical Student, Janelle Cyr (Derm Resident)

WOMEN'S COLLEGE HOSPITAL

Staff Updates



Mitch Brown

Mitchell Brown

Panelist: Conquering the challenges of revisionary breast implant surgery.

VI Sao Paulo Breast Symposium, Sao Paulo, Brazil, Sep 6, 2019. Managing the tuberous breast with fat.

VI Sao Paulo Breast Symposium, Sao Paulo, Brazil, Sep 6, 2019. My approach to mastopexy augmentation.

VI Sao Paulo Breast Symposium, Sao Paulo, Brazil, Sep 6, 2019. Panel on BIAALCL in your practice - Moderator.

VI Sao Paulo Breast Symposium, Sao Paulo, Brazil, Sep 7, 2019. BIA-ALCL consensus panel- Participant.

VI Sao Paulo Breast Symposium, Sao Paulo, Brazil, Sep 7, 2019. Prevention and management of implant malposition.

American Society of Plastic Surgeons Annual Meeting, San Diego, California, Sep 21, 2019. Tips and Traps to avoid complications in breast implant surgery.

American Society of Plastic Surgeons Annual Meeting, San Diego, California, Sep 22, 2019. Long term outcomes in breast implant surgery.

The Oncoplastic Breast Meeting, Milan, Italy, Dec 11, 2019. The role of the pedicled TRAM ap. 287.

The Oncoplastic Breast Meeting, Milan, Italy, Dec 12, 2019. Implant reconstruction and radiation.

The Oncoplastic Breast Meeting, Milan, Italy, Dec 13, 2019. Education and teaching - The vertical surgeon.

Women's College Hospital Perioperative Services Grand Rounds, Toronto, ON, Dec 6, 2019. The current status and role for textured breast implants.



John Semple

John Semple

Virtual Care in Breast Reconstruction, Gilgan Breast Centre, WCH Grand Rounds, Nov 20, 2019, WCH Toronto, Ont

Women's College Hospital Perioperative Services Grand Rounds, Toronto, ON, Dec 6, 2019. Remote Monitoring Using Mobile Technology in Surgery.

Life Time Achievement Award – The Lavina Lickely Award, Department of Surgery- University of Toronto- Awarded at Gallie Day- May 2020.

Honorary Doctorate- OCAD University – Awarded at OCADU Convocation June 2020

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

EDUCATION PROGRAM IN AESTHETIC PLASTIC SURGERY



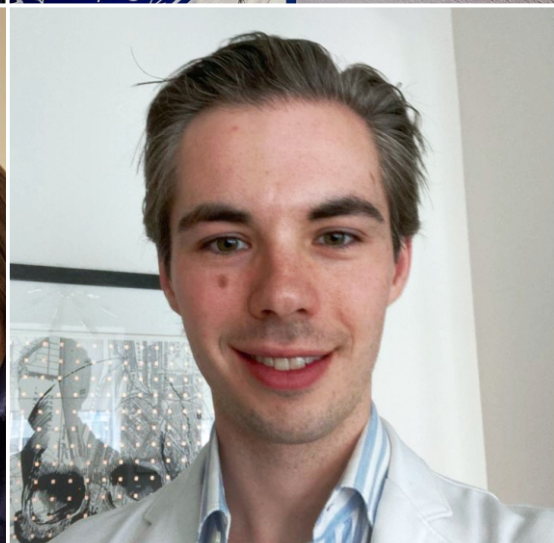
Jamil Ahmad

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 23 residents that have rotated through the clinic who have performed approximately 200 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. Monica Yu, Kalila Steen, and Pierre Lapaine** managing the Resident Aesthetic Clinic.



EDUCATION PROGRAM IN AESTHETIC PLASTIC SURGERY



Over the past year, our residents attended a special teaching session with our GTA-PRS guest lecturer, **Dr. Marissa M. Tenenbaum**. Unfortunately, due to the COVID-19 pandemic, the 50th Annual University of Toronto Aesthetic Plastic Surgery Symposium was postponed. However, in light of the pandemic, the Aesthetic Society delivered the Aesthetic Meeting 20/20 @Home organized by Drs. Jamil Ahmad and William P. Adams, Jr., which our residents were able to attend in April 2020. Additionally, our residents were invited by Dr. Rod J. Rohrich to attend a special virtual Dallas Rhinoplasty Meeting in May 2020.

Dr. Ahmad continues to serve as the Director the Education Program in Aesthetic Plastic Surgery at University of Toronto. In 2020, he became the Delegate and Past Chair of the OMA Section on Plastic Surgery. He serves on the Board of Directors for the Aesthetic Society, the Rhinoplasty Society, and the Canadian Society for Aesthetic Plastic Surgery. He continues to serve as the Program Chair for the Aesthetic Meeting. Dr. Ahmad has been named to the Editorial Board of the Aesthetic Surgery Journal and he is the My Way Section Editor for Aesthetic Surgery Journal Open Forum.



Ryan Austin

Dr. Austin continues to serve as the Interim Director of the Hand Surgery Fellowship at University of Toronto. He is also responsible for organizing the Division of Plastic and Reconstructive Surgery Journal Club and has reinvigorated this into a great educational and social event. In 2020, he became the Chair of the OMA Section on Plastic Surgery and has been advocating strongly on behalf of all plastic surgeons during the COVID-19 pandemic. He was recently appointed to the Aesthetic Society Ethics Committee. He has also been appointed the Lead for the Next Generation Editors of the Aesthetic Surgery Journal.

EDUCATION PROGRAM IN AESTHETIC PLASTIC SURGERY



Frank Lista

Dr. Lista continues to serve as the Chairman of the Canadian Association for Accreditation of Ambulatory Surgical Facilities. He is the Breast Section Editor for the Aesthetic Surgery Journal.

Dr. Khanna was recently appointed to the Aesthetic Society Judicial Council.

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 University of Toronto.

AESTHETIC SURGERY JOURNAL

ASJ Journal Club

Hosted by Next Generation Editors

Does Implant Surface Texture Affect the Risk of Capsular Contracture in Subglandular Breast Augmentation and Breast Augmentation-Mastopexy?



Author:
Dr. Frank Lista



Discussant:
Dr. Bradley Calobrace



Moderator:
Dr. Ryan Austin
(NGE Lead)



Sculpture by David Fisher



**DIVISION OF PLASTIC, RECONSTRUCTIVE &
AESTHETIC SURGERY**

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