

THE SQUARE

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ur 31th Annual Fraser N. Gurd Day was held May 27 2021. Having cancelled the event last year in the 1st wave of the COVID pandemic, we did not want to miss another opportunity to celebrate the Department of Surgery, our contributions to patient care, discovery and education, and above all thank our graduating residents, fellows, and students for all they have contributed to this mission. As with so many other events of this past year, we held the event virtually and

Fraser Gurd Day

By Liane Feldman MD, CM, FRCS, FACS

were gratified to have excellent participation and engagement throughout the research day and at the banquet. In light of the pandemic year, the day really demonstrated our resilience, showcasing excellence in research, teaching and leadership despite the challenges.

This year our Fraser Gurd visiting professor was **Dr. Clifford Ko**, Director of the division of research and optimal patient care at the American College of Surgeons, where he oversees all the quality improvement programs including the NSQIP. Dr. Ko was an outstanding visiting professor. In his Grand Rounds talk “Achieving Surgical Quality: What have we learned from the evaluation of quality initiatives?” Dr. Ko reviewed the history of quality improvement in surgery, characterizing our roles to improve quality as a professional responsibility and providing the roadmap to do so. Despite the early hour for him on the west coast, Dr. Ko interacted with many of the students and residents presenting their work, asking insightful questions and providing valuable comments and feedback. His energy, enthusiasm and knowledge were inspiring to everyone. Dr. Ko also presided over our lunch symposium on “Transforming Surgical Quality and Outcomes” where we heard from **Drs. Alice Dragomir, Jeffrey Barkun, Ed Harvey and Lawrence Lee** on how data, digital therapeutics and diagnostics, and artificial intelligence will impact patient care and outcomes research.

The scientific program was organized by our vice-chair of research, **Dr. Jake Barralet**. With the constraints of the digital platform, we elected to have two concurrent sessions this year: Session A devoted to clinical sciences, and Session B devoted to laboratory sciences. The first part of the clinical sciences session focused on Outcomes Research and was chaired by **Dr. Marylise Boutros**, Associate Professor of Surgery and Director of the Colorectal Surgery fellowship, who led off with her talk on *Beyond Rectal Cancer Cure: Taking on the challenge of managing low anterior resection syndrome*.

(See continuation on page 3) ►

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KNOT



DEPARTMENT OF SURGERY

NEWSLETTER

MCGILL UNIVERSITY

FALL 2021





t was with a sense of awe that I reviewed the accomplishments of the Department of Surgery and its divisions in preparation for the forthcoming issue of *The Square Knot*. I would not have believed that in the 18 months since the Covid virus became known to us, that it would still be playing such an important role in our everyday planning and activities. Our approach to patient care, teaching and administrative activities have had to change, and may, as in other areas of society, lead to new norms. Nevertheless, with the initiative,

D By **Harvey Sigman, MD, MSc, MDCM, FRCS, FACS** willingness and cooperation of the Department leadership and its members, we have gone from "strength to strength" (Psalm 84:7).

I welcome the new recruits, both faculty and residents, and hope that they will enjoy our new issue which provides an insight into the activities of our department beyond that of the individual divisions. *The Square Knots* are all online from the very first and provide a fascinating history of Surgery at McGill over the past 30 years.

THE DUNCAN GRAHAM AWARD FOR OUTSTANDING CONTRIBUTION TO MEDICAL EDUCATION FROM THE ROYAL COLLEGE OF PHYSICIANS AND SURGEONS OF CANADA



Letters to The Editor

Education from the Royal College of Physicians and Surgeons of Canada. This prestigious award has been continually bestowed since 1969 to recognize an outstanding lifelong contribution to medical education. Among his many contributions to the House of Surgery, Dr Fried is recognized as a leading innovator and leader in surgical simulation and education. Dr Fried joins Drs Richard Cruess (1997), LD MacLean (1995) and Fraser Gurd (1985) as McGill surgeons to have received this recognition. More information is available here

<https://newsroom.royalcollege.ca/trailblazing-laparoscopic-surgery-educator-receives-duncan-graham-award/>

Congratulations Gerry!
Liane Feldman



Dr. Harvey Sigman

I wish to invite our readers, faculty, residents, and friends, particularly, those who have settled in other parts of our planet, to write us and update your old colleagues on your activities. These will be published in our Letters to the Editor column.

I wish to thank Derek Delisi and Ildiko Horvath, amongst others, without whose amazing efforts, this issue would not have been realized.

I wish to acknowledge, in closing, the constant support of **Gerry Fried**, who invited me to take on the editorship of *The Square Knot*. He provided the human and material resources to preserve the quality of this publication ◆

PRINTS FROM THE MEAKINS-McCLARAN COLLECTION

Dear Harvey,

The following is a description by Erika Dolphin, the NGC curator with whom we worked, of our print collection now being exhibited at the National Gallery in Ottawa.

<https://www.gallery.ca/magazine/exhibitions/between-heaven-and-earth-prints-from-the-meakins-mcclaran-collection>

The items below describe press comments on the exhibition.

<https://ottawacitizen.com/entertainment/montreal-couple-thrilled-to-see-their-collection-on-view-at-the-national-gallery>

<https://www.beaux-arts.ca/a-laffiche/expositions-et-salles/le-cosmos-des-collectionneurs-la-collection-destampes-meakins>

<https://www.cbc.ca/news/canada/ottawa/art-donation-national-gallery-of-canada-1.6137655>

https://www.google.com/search?q=jonathan+meakins&tbo=n&ws=univ&tbo=u&s_a=X&ved=2ahUKEwjYqWA_63yAhWDAp0JHUecDz8Qt8YBegQICRAD&biw=1274&bih=571

Best wishes,
Joe

The Square Knot thanks Dr. Meakins for informing our readers of his and his wife's major contribution to the National Gallery of Canada

Fraser Gurd Day

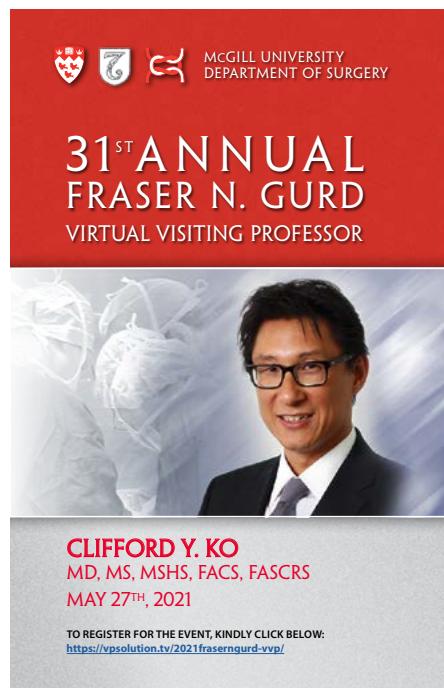
(Continued from page 1)

Assistant Professor of Surgery and Education Researcher, who spoke on *Psychological well-being, simulation, emerging technology and surgical education*. Session B, Laboratory Sciences, was divided into 3 sections. The first, focused on Basic Science, began with a talk from **Dr. Anie Philip**, Professor of Surgery and Director of Plastic Surgery Research, who spoke on *Repair, regeneration and cancer: what is the link?*. The second section, focused on Cancer Research, was moderated by **Dr. George Zogopoulos**, Associate Professor of Surgery, who spoke on *Slicing the pie: clinical translation of genomic medicine advances for pancreaticobiliary cancers*. Part 3, on Interventions, was moderated by **Dr. Jackson Mwale**, who spoke on *Treating osteoarthritis and intervertebral disc disease: regenerate, restore and relieve*. After these keynote addresses, each section included research presentations from students and residents. The presentations were either 6 minutes or 3 minutes long, recorded in advance, followed by 2-minutes for live Q&A. There

The second part of this session, devoted to Education Research, was chaired by **Dr. Jason Harley**,

were over 100 people participating in each session enjoying the impressive breadth and depth of work in the Department. The speakers were all well prepared and handled the questions with poise and aplomb.

Research Award winners were **Dr. Jeongyoon Moon** (Clinical Science, long presentation), **Dr. Saba Balvardi** (Clinical Science, short presentation), **Dr. Yifan Wang** (Laboratory Science, long presentation) and **Dr. Ida Derish** (Laboratory Science, short presentation). A list of all our clinical graduates and the residents and the awards winners are presented below. We also are listing the award winners from 2020 as we did not have the event last year but their work should be celebrated as well.



George Gurunian Memorial Prize **DR. AUDRY PITARU**

Kent Mackenzie Award for Educational Leadership and Excellence in Surgery **DR. TEODORA DUMITRA**

L.D. MacLean Distinguished Achievement Award **DR. GERALD FRIED**

Harvey H. Sigman Undergraduate Teaching Excellence Award **DR. DANIEL OBRAND**

Ross Adair Memorial Award for Teaching Excellence **DR. DOMENICK ZAMMIT** and **DR. JASON COBAN**

Post-Graduate Teaching Excellence Award **DR. STEPHANIE WONG**

"The Eddy" Edmond D. Monaghan Principles of Surgery Award **DR. ABDULRAHMAN ALMANSOURI**

Kathryn Rolph Award **DR. FRANCINE TREMBLAY**

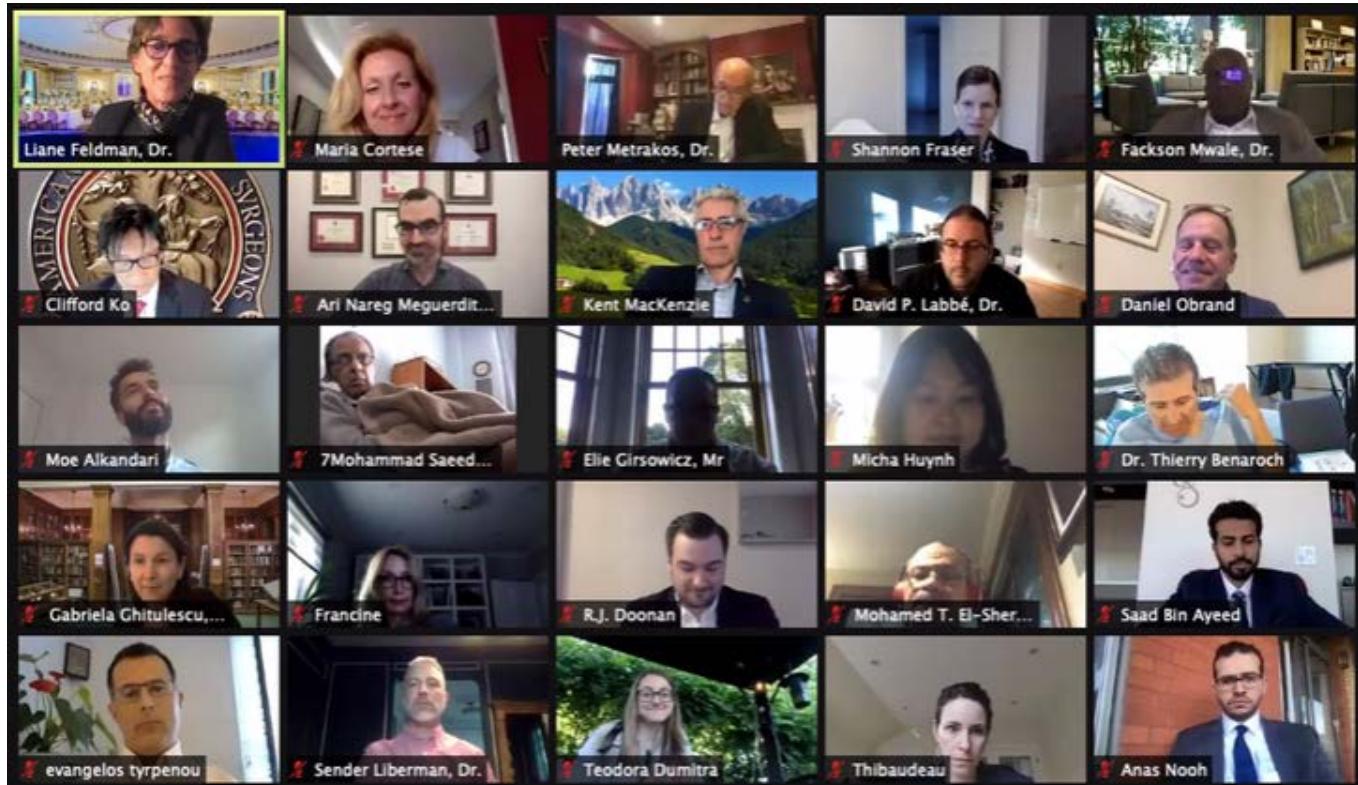
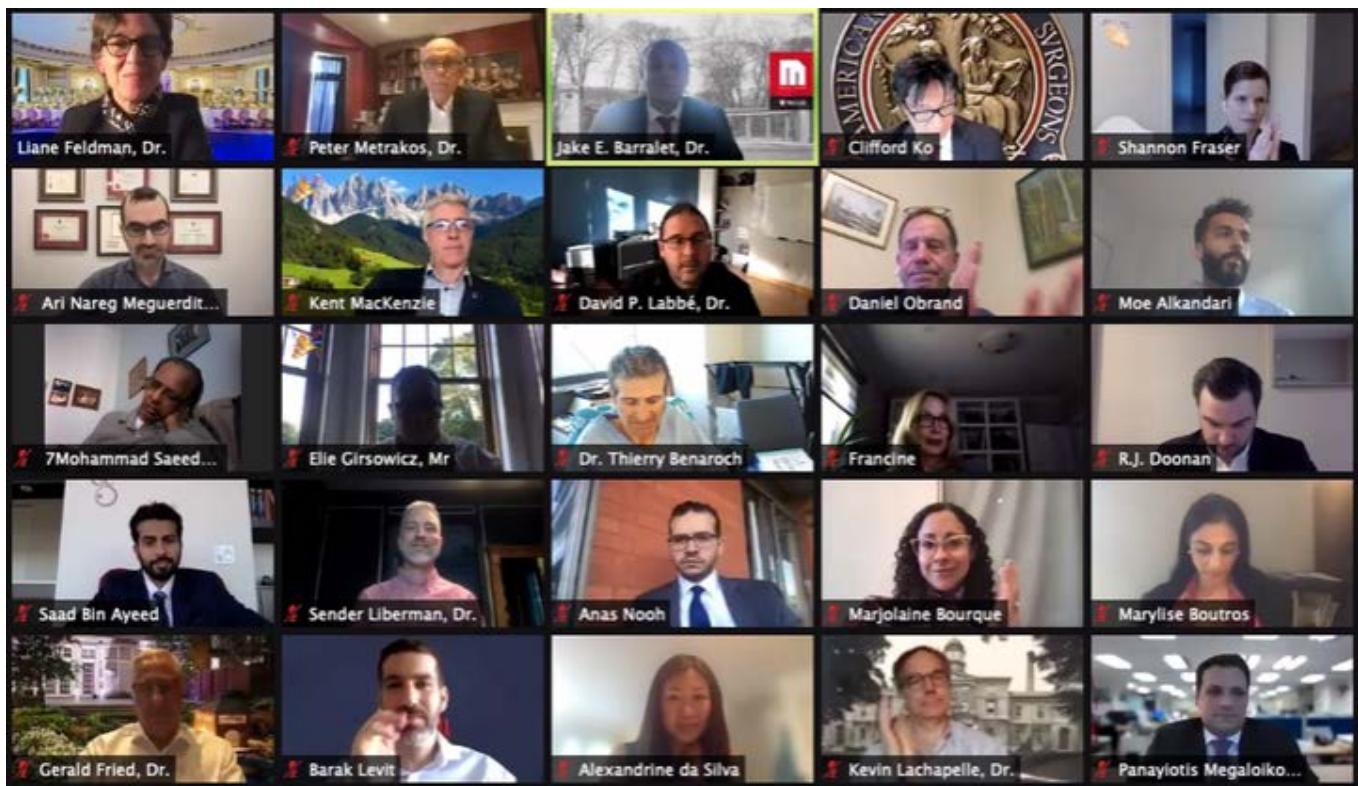
DR. JEONGYOON MOON 6 minute talk - Clinical Science

DR. SABA BALVARDI 3 minute talk - Clinical Science

DR. YIFAN WANG 6 minute talk - Laboratory Science

DR. IDA DERISH 3 minute talk - Laboratory Science

Fraser Gurd Day Virtual Participants



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he Breast Center at the Royal Victoria Hospital was established by **Dr. Edward Tabah** in 1980. This Center was unique in Quebec and I believe in Canada as it was the first to offer a "one-stop shop" for breast imaging and seeing a breast surgeon simultaneously.

Dr. Tabah was joined by Dr. Henry Shibata, Dr. Wexler, Dr. Milne, the newly hired

Dr. Loutfi and the late **Dr. Monaghan**. **Dr. Jean Gagnon** and **Dr. Rolla Wilson** were the breast radiologists at that time. When I started as an attending in 1994 I also worked in the original Breast Center which was located on the first floor of the Ross Pavilion and shared space with the Endoscopy suites. The Center was funded by the Cedars Cancer Foundation (known at that time as the Cedars Cancer Institute) and was therefore called the Cedars Breast Clinic.

At the MGH, surgeons involved in the Breast Unit were **Drs. Fleiszer, Owen, Salasidas, Hinchey, Hreno and Fried**.

In 2001 the present-day Breast Center was established when the MGH Breast Clinic was merged with the Cedars Breast Center and we moved to a newly renovated area on the 10th floor of the Old Vic (the old 10 West Surgical Floor). Drs. Fleiszer, Salasidas and Owen moved from the MGH to join us. Dr. Fleiszer and Dr. Loutfi were named as the first co-Directors of the Unit which was called

the Cedars Breast Clinic. Dave and Antoine meticulously planned the new Unit and it was truly exceptional with consultation and examining rooms and a large area for Radiology. The MGH team had started stereotactic biopsies in the mid-1990s through funding from the Montreal Breast Cancer Foundation (now called the Quebec Breast Cancer Foundation) and the unit was brought over from the MGH. Another major development in the early 2000s was the development of the Quebec Breast Cancer Screening Program with the establishment of the Centres de Dépistage (CDD). The hospital administration decided that it would be too costly to become a CDD and really did not fit our mission as a tertiary and quaternary center. So, we decided to become a CRID (Centre de Référence et d'Investigation). Other CRIDs on the island include at our sister hospitals, the JGH and St. Mary's, the CHUM and Maisonneuve-Rosemont. With this designation the number of breast cancers began to increase and in the last fiscal year before COVID we topped 500 cases of newly diagnosed breast cancers.

The Breast Center

By Dr. Sarkis Meterissian

In 2006 I had the honor of replacing Drs. Fleiszer and Loutfi as Director of the Breast Center which, since 2015, is called the Breast Clinic of the MUHC. We are supported by the MUHC Foundation but over the years much of what we have accomplished would not have been possible without the assistance of the Cedars and MGH Foundations. Cedars raised the funds for our two digital mammography units (over \$1 million). The MGH Foundation was instrumental in the acquisition of the Stereotactic biopsy unit.

This marks our 20th anniversary and indeed the Breast Center has evolved quite a bit. **Dr. Mesurolle**, our first Director of Breast Imaging, advanced our biopsy capabilities and introduced MRI (funded by Cedars). He was replaced by Dr. Theriault and we presently have 5 full-time radiologists (**Drs. Kao, Pinel-Giroux, Zhang, Aldis and Theriault**) and 2 part-time (**Drs. Solarzano and El-Khoury**) in the Center. In addition we have 6 surgeons (**Drs. Tremblay, Meguerditchian, Fleiszer, Dumitri, Salasidas and myself**), 2 nurse-clinicians and a Support Center. The Support Center has been funded by the Annual Ball called Pink-in-the-City

which is organized by the Vourtzoumis family (yes Phil and his brothers and parents). These tireless volunteers have raised over \$1 million dollars over the last 10 years allowing us to offer patients, free-of-charge, services such as: sex therapy, dietetics, exercise therapy and kinesiology for post-operative morbidity such as lymphedema. In addition Cedars has supported a psychologist specializing in Breast Cancer since 2002. In addition to Pink-in-the-City we are also supported by the MUHC Foundation with multiple events. This year the Foundation will

again be holding its Annual Raise-Craze where folks shave their heads to raise money for the Center. I have volunteered this year so if you see that my hair is growing very long you will understand why. I am hoping to raise at least \$50000 for the Center so please come out and cheer (and laugh) in October.

Finally I must mention the research that goes on in the Center. Since 2011 we have established a Database for all biopsies done in the Center (benign and malignant). This is in addition to the Tumor Registry which records and follows all the breast cancers. This database has resulted in 2-4 publications a year since its inception and is a valuable resource for both radiology and surgery. We also established the Breast Cancer Tumor Bank with **Dr. Morag Park** in 1999 with both benign and malignant tissues and more recently liquid biopsies. The group is the Functional Genomics Group of McGill. We also have ongoing significant collaborations with the Goodman Cancer Center and in particular with **Dr. Luke McCaffrey** with whom our very own **Elise DiLena** is completing



► a PhD (2022). The Breast group at the MUHC is also proud to be part of the McPeak-Sirois consortium which brings together the large academic Breast Units in the province to conduct clinical trials and to improve access to such trials for all Quebecers. We are leading the initiative to establish the first Breast Cancer Metastases Registry in the province funded by pharmas. It should be approved by Ethics anytime now.

But all this would not have been possible without the vision of Dr. Edward Tabah who developed the Breast Center at a time when the concept of such a unit did not exist anywhere in Canada. Excellent clinicians at both the MGH and the RVH put us on the map as leaders in the field of Breast cancer with our landmark participation in the NSABP under the leadership of **Dr. Henry Shibata**. As we move forward I hope we can continue this excellence in clinical care, teaching and research with new generations of surgical oncologists. ◆

Graduate Program



DR. AMIR HOOSHIAR joined the Department of Surgery as a postdoctoral researcher. His doctoral research was on haptics-enabled robot-assisted surgical systems for cardiovascular intervention. He was an NSERC Vanier Scholar during his Ph.D. in mechanical engineering at Concordia University and received the 2018 NSERC Gilles-Brassard Doctoral Prize for Interdisciplinary Research.

Amir is the department's first surgical robotics scientist and works toward establishing the Surgical Robotics Centre (SRC). His expertise is in the design, modeling, and control of surgical robots. He aims to conduct interdisciplinary research on next-gen (semi-) autonomous surgical robots for endoscopic, endoluminal, and percutaneous procedures. Amir hopes to place the SRC among the top surgical robotics centers in North America in collaboration with surgeons, clinical staff, science and engineering faculty members, and MedTech partners. ◆

Upcoming Events from the McGill Calendar

21 October 2021

What Does Quality Surgery for UGI Cancer Look Like in 2021?

Speaker: **Sheraz R. Markar, PhD** (Imperial), PhD (Karolinska), MRCS, MSc, MA

Zoom link:

[https://mcgill.zoom.us/j/85246838429
?pwd=UUpiRy9SMkV1Zm4yemFjVXIQYVZRZz09](https://mcgill.zoom.us/j/85246838429?pwd=UUpiRy9SMkV1Zm4yemFjVXIQYVZRZz09)

27 October 2021

Women in Surgery Meeting

Link:

<https://www.mcgill.ca/surgery/faculty-development/equity-diversity-and-inclusion/women-surgery>

28 October 2021

Twenty Years of Therapeutics Advancement in the Management of Colorectal Cancer Liver Metastasis

Speaker: **Dr. Peter Metrakos**

Zoom link:

[https://mcgill.zoom.us/j/93737919820
?pwd=eTE40FhIRzJTZnQ4RzhKLzYzJkWUT09](https://mcgill.zoom.us/j/93737919820?pwd=eTE40FhIRzJTZnQ4RzhKLzYzJkWUT09)

Meeting ID: **937 3791 9820**

Passcode: **703683**

4 November 2021

Special Event - MIS Visiting Professor

Speaker: **Dr. Gina Adraless**

Zoom link:

[https://mcgill.zoom.us/j/84064601650
?pwd=RGgwY2oyRktNZkNLR2JKSW1sR0JqZz09](https://mcgill.zoom.us/j/84064601650?pwd=RGgwY2oyRktNZkNLR2JKSW1sR0JqZz09)

Meeting ID: **840 6460 1650**

Passcode: **324554**



Dr. Gina Adraless

Division of Cardiac Surgery

W

e continue to build our Cardiac Surgery Nurse Practitioner Program, which has been integrated into our team delivering seamless patient care.

Ongoing projects include the acquisition and deployment of a state-of-the-art clinical data management platform, which will capture detailed data from our patients' full clinical trajectory of

NEW RESIDENTS

DR. RAWAN ALAMRI

(Saudi Arabia)

DR. CHRISTOPHER BONNEAU

(CaRMS)

Med school: Western University

(Saudi Arabia)

care, from Emergency Department/Cath Lab/CCU to the Operating Room, Intensive Care Unit, Post-Op Ward through to discharge. A new, dedicated team of database experts will ensure the ability to interrogate our clinical database in order to track outcomes and to proactively identify areas for improvement in patient safety, overall care, and efficiency.

The Division engages actively in research in the areas of aortic pathology, myocardial regeneration/stem cell therapies, mechanical circulatory support, novel biomedical device design and development, simulation, and clinical trials. ♦

NEW FELLOWS

DR. YUICHI MATSUZAKI

(Japan)

Heart Failure, Cardiac Transplantation and Mechanical Circulatory Support Fellowship

DR. NASSER ALJERAYED

(Saudi Arabia)

Complex Adult Cardiac and Valve Surgery Fellowship

Support the McGill Department of Surgery !



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he McGill Department of Surgery is recognized nationally and inter-nationally for its excellence in surgical education, research and innovation, and high quality patient care. Graduates of our surgical training programs have become our ambassadors around the world; many have risen to prominent leadership positions in their institutions.

The future of The McGill Department of Surgery as a truly great department depends more than ever on gifts from private sources. Such donations can be made ONLINE by credit card via The Montreal General Hospital Foundation at : <https://www.mghfoundation.com/donate/make-donationonline-form/>



Enter your donation amount and check the box "Other", and type in McGill Department of Surgery Alumni Fund. Fill in the "Donor information" as appropriate. Charitable receipts for Canadian tax purposes will be issued by the MGH Foundation. ♦

Division of General Surgery

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ur 19th Annual LD MacLean Day welcomed virtually Dr. Teodor Grantcharov, Professor of Surgery at the University of Toronto and Keenan Chair in Surgery at St. Michael's



Teodor Grantcharov, MD, PhD, FACS
 Professor of Surgery, University of Toronto
 Keenan Chair in Surgery, St. Michael's Hospital, Toronto

**19th Annual L.D. MacLean
 General Surgery Visiting Professor**
May 12th-13th, 2021

THIS EVENT WILL BE HELD VIRTUALLY

Hospital in Toronto. Dr. Grantcharov is internationally recognized as a leader in surgical curriculum design, assessment of competence and impact of surgical performance on clinical outcomes. His grand rounds focussed on ways to transform the safety culture in medicine and introduce modern safety management systems in the high-risk operating room environment. This day celebrates the prolific career of Dr. Lloyd Maclean and his contributions to academic surgery and promotion of excellence, and it is also a celebration of our graduates, past and present.

With this in mind, we introduced a McGill Alumnus talk, inaugurated by Dr. John Martinie, Professor of Surgery, Division of HPB Surgery at Carolinas Medical Center, recruited to Charlotte in 2007. He completed a fellowship in Transplantation and HPB surgery at McGill University and the Royal Victoria Hospital under Dr. Peter Metrakos. Accumulating over 15 years' experience in robotic liver, pancreas, and biliary procedures, over 1000 cases, and one of the largest single-surgeon experiences in hepatobiliary robotics surgery in the world, the evolution of his career proved inspirational for our current residents and acknowledges the depth and breadth of the McGill general surgery community.

Through our virtual platform, we had over 130 past and present graduates in attendance from across Canada, the United States, Oman, Kuwait and Saudi Arabia. In addition to celebrating our graduating residents of 2021, the division recognized the contributions of many of our staff and residents for teaching, clinical, research and leadership excellence synonymous with the many qualities Dr. MacLean embodied himself:

The Outstanding Undergraduate Resident Teaching Award
DR. JENNY MOON

The David Owen Undergraduate Teaching Award
DR. STEPHANIE WONG

CAGS Excellence in Teaching Award
DR. EBRAM SALAMA

Outstanding Fellow Teaching Award
DR. ABRAR NAWAWI

Outstanding General Surgeon Postgraduate Teaching Award
DR. MARYLISE BOUTROS

The Julius Gordon Research Traveling Award
DR. ELISE DI LENA

Excellence in Leadership Award
DR. TEODORA DUMITRA

The Roger Tabah Excellence in Teaching Award
DR. ETIENNE ST-Louis

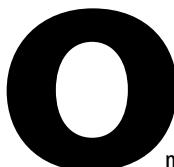
The Marvin Wexler Clinical Excellence Resident Award
DR. ETIENNE ST-Louis

The Marvin Wexler Clinical Excellence Staff Award
DR. JEFFREY BARKUN and **DR. CAROL-ANN VASILEVSKY**

Best Research Presentation LD Maclean Day
DR. ELISE DI LENA

People's Choice Award LD Maclean Day
DR. YIFAN WANG

Division of General Surgery



In June 30th, 2020, my colleague and friend, **Dr. Antoine Loutfi**, retired after nearly 40 years at the Royal Vic.

Antoine obtained his MD in 1974 from the American University of Beirut. He then decided to come to Canada due to the war in Lebanon. He

Dr. Antoine Loutfi Retires

By Dr. Sarkis Meterissian

completed a rotating internship in Chicoutimi and then 2 years of surgical residency at the Universite de Laval in Quebec City. Imagine a young man coming from the cosmopolitan and sunny Beirut to the cold and isolated Saguenay region!!! He then decided to transfer to the RVH and complete his final three years. These were terrific years as he not only decided to be a surgical oncologist, following in the footsteps of Drs. Edward Tabah and Henry Shibata, but more importantly he also met his future wife, Dr. Joyce Pickering.

From 1980-981 he completed a Fellowship in Surgical Oncology in New Orleans where he learned limb perfusion techniques for melanoma. He started as an attending in 1981. During his nearly 40 years he was Program Director of Surgical Oncology from 2001 to 2004 and Chief of the Division of Surgical Oncology from 2001 to 2007. He preceded me as Director of the Breast Center from 2001 to 2006. At the Provincial level Antoine made his mark as Director of the Direction de la Lutte Contre le Cancer (as it was called at that time) from 2004 to 2011.

In recognition of his accomplishments he was awarded the Golden Hand Award in 2011 by the Lebanese Society of General Surgery. In 2012 he received the Prix de Reconnaissance from la Direction Quebecoise de Cancerologie of the MSSS. Finally at McGill he received the 2017 Merit Award from the Bronfman Department of Oncology for research and/or service and in 2019 the Lifetime Achievement Award from the Department as well.

I think all members of the Division of General Surgery would agree with me that Antoine was a true gentleman throughout his career. He genuinely cared for his colleagues as well as the residents. He was an empathetic surgical oncologist whom patients valued. Antoine's greatest gift was his ability to listen carefully, a talent that is rare. Antoine taught me that family was as, if not more important, than your career. He taught me that time passes all too quickly and if we are not careful we can miss important events in our childrens' lives as we devote our energies to the development of our careers. Antoine, thank you for being an example for all of us for nearly 4

decades. I will definitely miss our lunches and our conversations as I am sure my colleagues will do as well. ♦

Dr. Loutfi's retirement video available here:

<https://www.dropbox.com/s/x6zcqpqvedbvo9/Dr.%20Loutfi%20Tribute%20Video.mp4?dl=0>

NEW ROLES AND RECOGNITIONS

SENDER LIBERMAN as our new Program Director
General Surgery Bergman Faculty of Medicine

KATE MCKENDY as our new Assistant Program Director

MARYLISE BOUTROS assumes Program Director for the colorectal surgery residency

Surgical Foundations will be led by **GABRIELA GHITILESCU**

SIMON BERGMAN is the new Assistant Dean, Undergraduate Medical Education at the Faculty of

SHANNON FRASER was awarded the Canadian Certified Physician Executive this year

SABA BALVARDI received the prestigious Resident Research Scholar award by the Society of University Surgeons

This rough magic

I here abjure, and, when I have required,
Some heavenly music, which even now I do,
To work mine end upon their senses that
This airy charm is for,
I'll break my staff,
Bury it certain fathoms in the earth,
And deeper than did ever plummet sound
I'll drown my book.



—William Shakespeare
The Tempest

Division of General Surgery

NEW CHIEF RESIDENTS



DR. ABDULAZIZ ALI

I obtained my medical degree from the Royal College of Surgeons in Ireland (RCSI). I spent most of my research work on Bariatric & Minimal Invasive surgery. I have special interest in abdominal wall reconstruction. My goal is to finish residency and do a fellowship in Bariatric & MIS. Then will be able to go back home (Kuwait) to continue my career as staff member in the faculty of Medicine at Kuwait University.

Apart from surgery I have interest in sport and fitness.



DR. AROUB ALKAAKI

Aroub graduated from King Abdulaziz University, Jeddah, Saudi Arabia. She joined McGill general surgery family in 2017. Aroub is interested in thoracic surgery and minimally invasive procedures. She participated in clinical research under the supervision of Dr. J. Cools and Dr. L. Ferri. She enjoys crochet, Kung Fu and spending time with friends.

After completing her residency, she will pursue a fellowship in Thoracic surgery.



NAJLA AL GHATHI

Dr. Najla Al Ghaithi was born and raised in the beautiful country of Oman. She completed her medical school at Sultan Qaboos University. Then, she joined the General Surgery program at McGill University in 2017. During her residency, Najla developed a great passion for minimally invasive surgeries. She will pursue further training in MIS and bariatric surgery after finishing her residency.



DAN MOLDOVEANU

Dr. Dan Moldoveanu has a BSc in Physiotherapy, and received his MDCM degree from McGill University in 2014. He went on to join the McGill Division of General Surgery as a resident. He is currently pursuing a PhD in Experimental Surgery under the supervision of Drs. S. Meterissian and I. Watson. His work at the Rosalind & Morris Goodman Cancer Research Centre focused on predictors of response to immune checkpoint inhibitors in cutaneous melanoma. He is interested in breast, melanoma and endocrine surgery and is looking to pursue his fellowship training with both breast and endocrine surgery fellowships.



EBRAM SALAMA

Dr. Ebram Salama completed his medical degree at McGill University prior to joining the general surgery program in 2016. He has a keen interest in healthcare management, and during his residency completed an MBA in Business

Analytics. Following graduation, he will be pursuing a fellowship in Colorectal Surgery.



MAUDE TRÉPANIER

Dr. Maude Trepanier obtained her medical degree from McGill University in 2016 before joining the McGill General Surgery residency program later that year. During her residency, she completed a Master's degree in epidemiology, biostatistics and occupation health focusing on oncological outcomes in colorectal cancer surgery. After graduating, she will pursue her training in colorectal surgery.

GRADUATING RESIDENTS



MARIA ABOU KHALIL

Dr. Maria Abou Khalil completed her medical school at McGill. During her residency, she was an active member of the resident body and she served as president and VP Wellness of the McGill General Surgery Residents Committee (3 years). She joined the research laboratory of Dr. Marylise Boutros, and completed a Master's degree in Epidemiology under her supervision. She is currently completing a PhD in Experimental Surgery, focusing on the surgical management of C. difficile colitis. Maria will be pursuing a fellowship in Colorectal Surgery at McGill.



MARYAM AL FARSI

Dr Maryam Al Farsi obtained her Medical degree from Cardiff University, Wales. She joined McGill General Surgery in 2015. After completing her residency Maryam will pursue a career in Breast Oncology at McMaster University.



RUQAIYA AL SHEHHI

Ruqaiya Al Shehhi completed her Medical Degree at Sultan Qaboos University in Oman. She is currently employed at the Sultan Qaboos University Hospital. She obtained Masters in Science of Surgery at The University of British Columbia in 2015, then joined general surgery program at McGill University in 2016. After graduating from general surgery program, Ruqaiya is working on pursuing her fellowship training in Trauma and Acute/Critical care surgery. She wishes to help improving the Trauma care and establish Acute Care surgery system in Oman when she goes back. ►

**MOHAMMED ALDAMRY**

Dr. Mohammed Aldamry was born in Mecca and graduated from King Saud bin Abdulaziz University. In 2016, he joined the McGill general surgery residency after completing master's degree in experimental surgery. He is pursuing a career in upper GI surgery.

**NOURAH ALSHARQAWI**

Dr. Nourah Alsharqawi obtained her degree from Kuwait University, Faculty of Medicine. In 2016, she joined the McGill General Surgery program with one goal, which was to pursue colorectal Surgery, especially in the field of Inflammatory Bowel Disease and Oncology. After she completes her training, Nourah will return to Kuwait as one of the first female colorectal surgeons in Kuwait.

**PHILIPPE BOUCHARD**

Philippe Bouchard completed his medical degree at McGill University before joining the general surgery program in 2015. He completed a MSc in Epidemiology under the supervision of Dr. Eduardo Franco and Dr. Amin Andalib about quality of surgical care in bariatric surgery in the province of Quebec. After completion of his general surgery, he will pursue his training in MIS / bariatric surgery at The Ottawa Hospital.

**SOHAYB FALEH**

Born in 1990, Jeddah city, Saudi Arabia. Graduated from King Abdulaziz University. Aiming to make a change in this world and help people as much as I can. Pursuing a career in medical oncology. I always try to remind myself that success is not final, failure is not fatal, its

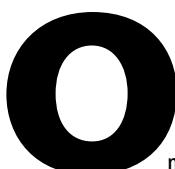
the courage to continue that counts.

**ETIENNE ST-LOUIS**

Dr. Etienne St-Louis was born in Montreal and received his medical degree from McGill University in 2013. He went on to join the McGill Division of General Surgery as a resident. During his residency, Etienne completed a MSc in Epidemiology under the supervision of Dr. T.

Razek and a PhD in Experimental Surgery under the supervision of Dr. D. Poenaru. His research with the Centre for Global Surgery focused on pediatric trauma care and outcomes in low and middle-income countries. He received the Jean-Martin Laberge Global Pediatric Surgery Fellowship, which supported his field work in Kigali as an associate researcher of the University of Rwanda. He will be completing his Fellowship in Pediatric General Surgery at the Montreal Children's Hospital. ♦

Division of Orthopaedic Surgery



In March 11, 2021 **Dr. Kristen L. Carroll**, Chief of Staff at the Shriners Hospital for Children in Utah, joined us virtually for the 35th Annual Eugene Rogala Visiting Professor in Pediatric Orthopaedic Surgery. Dr. Carroll is a Pediatric Orthopaedic

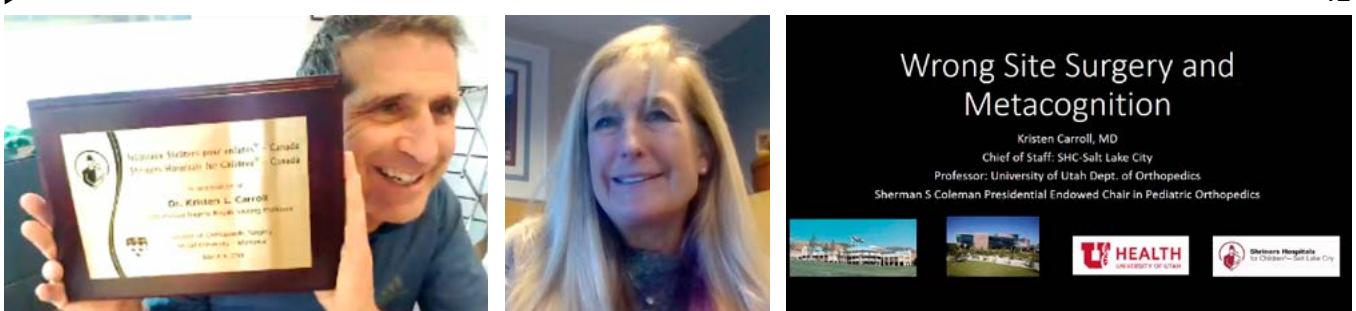
Thirty-Fifth Annual Eugene Rogala Visiting Professor in Pediatric Orthopaedic Surgery

Surgeon and Professor at the University of Utah, as well as a professional water skier. She has been Chief of Staff at the Shriners Utah since 2014 and has served as a member of the Residency Selection Committee for the University of Utah for over 25 years. She is currently Chair of the University of Utah Committee on Equity, Diversity and Inclusion. In her clinical practice, she is currently focused on children with neuromuscular diseases such as Cerebral

Palsy, although she also manages a plethora of Pediatric Trauma, Hip and Foot pathologies.

Dr. Carroll started the morning at 5:00 AM Utah time by giving a humbling Grand Rounds talk about *Wrong Site Surgery and Metacognition*, sharing with us all her experience with wrong site surgery and how we can change our practices to prevent this from happening. Following this, she spent the rest of the morning with the residents, breaking down the complex pathologies of cerebral palsy into easily digestible chunks, and going over royal-college style cases with the R5s preparing for their exams. She ended the session with the Tunis Lecture, presenting to us, the current state-of-the-art on *Severe Hip Subluxation in Non-Ambulatory CP: What Factors Lead to Lasting Success of Reduction?*.

Residents and Staff alike appreciated Dr. Carroll's talks and the discussions it garnered, particularly regarding wrong site surgery. Unfortunately, due to the continuing pandemic, we could not have our traditional Annual Eugene Rogala Dinner where Staff and Residents would have had the opportunity to further pick Dr. Carroll's brain in a more casual setting. However, we are happy that Dr. Carroll was able to join us virtually and we hope that in the near future, we will once again be able to do these activities in person. ►



Division of Orthopaedic Surgery

RESEARCH

The year saw ongoing productivity in research in basic, translational, clinical and educational research. The Division garnered millions in peer-reviewed funding and research awards and produced 139 scientific publications. New endeavours included the establishment of a novel research program, in conjunction with a pan-divisional clinical unit, in MSK Infection which continues to be a bane for orthopaedic patients worldwide. The Orthopaedic Research Laboratory saw a transition to a new leadership team; after years of devotion, **Dr Thomas Steffen** stepped down and was replaced by **Dr Ahmed Aoude** (Director), **Dr Lisbet Haglund** (Co-director, Basic Science), **Dr Mark Driscoll** (Co-Director, Biomechanical Engineering), and **Dr Rolando Del Maestro** (Co-Director, Artificial Intelligence and Machine Learning). In response to Covid-19, Telehealth became an integral part of the health care paradigm and a team composed of **Ms. Amy Lorincz**, **Dr Suzanne Morin**, **Dr Tamara Mijovic**, and **Dr Greg Berry** were awarded a TD Bank Award (\$350K) to explore patient care and education facets of this mode of care provision.

EDUCATION

The Division was privileged to have 27 hard-working and dedicated residents in 2020. The five graduates went on to prestigious clinical and research fellowships across North America. We welcomed thirteen Clinical and Research Fellows from around the world, reflecting McGill Orthopaedic Surgery's global reputation. The future of surgical training lies in large part with Surgical Simulation using Virtual and Augmented Reality platforms and the Division was an integral partner, with academic and industry collaborators, in the development of simulators for training residents in spine and trauma techniques.



TIPS & TRICKS TO BEGINNING YOUR PRACTICE

The inaugural edition of *Career Planning: Tips & Tricks to Begin Your Practice* was held during the McGill Orthopaedics Academic Half Day Teaching on Thursday March 18th, 2021. This virtual event reunited many recent alumni from coast to coast who shared their experiences on starting an Orthopaedic practice. They provided wisdom and valuable insights to help our current residents better prepare for life after graduation. The session covered a wide array of topics ranging from financial planning and work-life balance, to landing your dream job and building a referral base. Graduates currently working in the US also spoke about transitioning to practice in the US system.

Alumni who participated in this inaugural event were:

Dr. Thierry Pauyo '16
Dr. Mitchell Bernstein '12
Dr. Asim Makhdum '16
Dr. Hans Van Lancker '15
Dr. Abishek Kumar '15
Dr. Adriana Martinez Gomez '17
Dr. Anthony Albers '15
Dr. Maxime Beaumont-Courteau '16
Dr. Adam Hart '17
Dr. Ahmed Aoude '18

Special thanks to all our panelists as well as **Dr. Jason Khouri** (Chief Resident) and **Dr. Susan Ge** (Assistant Chief Resident) for initiating and organizing this unique event.

The MI4 seed grant of 150k will support research by Adam Hart and **Maryam Tabrizian** in the development of nano-layered titanium dioxide antimicrobial surface coatings for the prevention of prosthetic joint infections

Congratulations to **Dr. J. Antoniou** and **Dr. F. Mwale** on winning a

- 150,000\$ Federal and Provincial accelerator grant given to their biotech start-up Trepso for their McGill Developed IP in technology for the treatment of Disc Degeneration and Osteoarthritis.

SOCIALIZING WHILE SOCIAL DISTANCING

Restrictions imposed as a result of the COVID-19 pandemic, although necessary, have had a profound impact on all of our lives. For the residents in the McGill Orthopaedic Surgery Program, who are usually very tightly knit, it resulted in the cancellation of many events on the annual calendar that they look forward to. The R5 farewell barbecue, resident retreat and even weekly meet-ups after teaching all had to be postponed.

However, led by their two social representatives, **Dr. Bardia Barimani** and **Dr. Jason Corban**, the program quickly went to great lengths to ensure that the residents still had many opportunities to socialize while respecting social distancing guidelines. Web-based pub and game nights, including a great Orthopedic Family Feud night for their CaRMS Social, were organized with a great turn out from both Staff and Residents. For the Resident/Fellow Appreciation Day, the program sponsored a resident brunch, giving residents UBER Eats vouchers and dedicated time to enjoy a well-deserved, socially distanced meal. All in all, despite the restrictions, the McGill Orthopaedic Residents and Residency Program showed that, through creativity and a little extra effort, they could still remain social during this difficult time. ♦



Division of Orthopaedic Surgery

NEW RECRUITS – TWO NEW MEMBERS WERE ADDED TO OUR TEAM:



DR. AHMED AOUDE (Oncology and Spine Surgery)

After completing his residency training at McGill, Dr Aoude furthered his expertise in clinical fellowships in Calgary (Spine) and Toronto (Oncology). He will combine these two areas to care for patients with complex sarcomas of the axial skeleton. He has also assumed the directorship of the Orthopaedic Research Laboratory where he will carry out research on implant development and intra-operative VR/AR imaging.

DR. RAHUL GAWRI (Scientist in Injury, Repair, Recovery Program)

Dr. Gawri returned to the Division of Orthopaedic Surgery following post-doctoral fellowships in Toronto and Philadelphia. He will collaborate with numerous surgeons and scientists to drive forward his expertise in the basic science of fracture repair.

NEW CHIEF RESIDENTS



DR. JASON CORBAN (PGY5)

Although born and raised in Toronto, Jason has spent most of the last decade living in Montreal and learning the ways of the Montréalais. After completing his undergraduate studies at the University of Toronto, Jason came to McGill to pursue his medical degree and is now completing his residency training in Orthopaedic Surgery. Living by the adage “the days are long, but the years are short”, Jason feels that he has made the most of his training here at McGill and is looking forward to his final year of residency, where he will be the co-chief resident with his friend and colleague, Dr Susan Ge. In his new leadership role, he hopes to focus on quality improvement in resident training and healthcare delivery at the MUHC and its affiliated training sites. After graduating, Jason will be pursuing a fellowship in Orthopaedic Sports Medicine, where he hopes to develop his expertise in arthroscopic surgery and continue research in the field of augmented reality and artificial intelligence in injury prevention and surgical education. He is also very excited to finally tie the knot with his med school crush, Dr Noemie Vezina, following his graduation in July 2022!



DR. SUSAN M. GE (PGY5) was born in Shanghai and moved to Canada at the age of 5. She spent the earlier years of her childhood playing among the mountains and beaches of Vancouver before moving across the country to roam the

forests of Gatineau. In the last decade, while completing her Medical Degree and pursing Residency Training in Orthopaedic Surgery, she has made her home in Montréal, where the intersection of languages and cultures speak to her own cross-cultural upbringing. When not at the hospital with her Ortho Family, she can be found adventuring with her boyfriend David and their dog Picasso. Susan is excited to start her final year of residency while undertaking the role of co-chief resident. Along with friend and colleague, Dr. Jason Corban, she hopes to better integrate wellness and further enrich the innovation and educational pillars of the Orthopaedic Surgery Residency Program at McGill. After graduation, Susan will be returning to her childhood stomping grounds to pursue a fellowship in Foot and Ankle Surgery in Vancouver, with David and Picasso never far behind.



DR. JULIEN MONTREUIL (PGY4) completed his medical school training at Université de Montréal before entering McGill University Orthopaedic Surgery Residency Program. He also completed a master's in Musculoskeletal Biomedical Sciences. In his free time, he enjoys recreational sports like cycling, backcountry skiing and hockey. Through his dedication to teaching

and approach to patients, Julien hopes to foster a positive work environment for his colleagues. Consistently aiming for efficiency, innovation and value-based healthcare, he strongly believes that every resident can enrich the clinical, research and educational pillars of the Orthopaedic Division. Julien hopes to solidify McGill's strong reputation as a premiere centre for orthopaedic training. He would be delighted in pursuing the remainder of his career in Montreal where he can rejoin his family and friends

GRADUATING RESIDENTS



DR. HUMAID AL FARII completed MD degree from Sultan Qaboos University, Oman in 2012, and completed MRCS (Ireland) in 2014. In 2016, he joined the McGill Orthopaedic Surgery Residency (2016-2021). Dr. Al Farii will be pursuing a two year-fellowship in Spine and MSK Oncology prior to heading back to his home country, Oman. Dr. Al Farii is thankful to his wife (Karima) and both his daughters (Tuqa & Munira) for all their support throughout his residency.



DR. HUSAM ALMAJED graduated with first-class honors from the College of Medicine at King Saud Bin Abdulaziz University for Health Sciences, Riyadh, Saudi Arabia. In 2016, he joined the McGill Orthopaedic Surgery Residency after completing a Master's Degree ►

► in Experimental Surgery at McGill University. He is pursuing a fellowship in Sports Surgery at MedStar Health in Baltimore and Washington. Husam will be heading back to King Abdullah University Hospital in Riyadh, Saudi Arabia, as an Academic Orthopaedic Surgeon upon completion of his fellowship training.



DR. MAXIME CHARBONNEAU

Tennis player turned surgeon! Maxime could have taken a very different path by pursuing a career in professional tennis, but he ultimately went with his true passion: playing with bones. He completed his medical school at McGill University before continuing his studies in their Orthopaedic Surgery Residency Program. Having always balanced school and sports, he joined the McGill tennis team during his studies and a few years later, with his fellow colleagues, he developed a passion for cycling. When he's not working, you can catch him pulling a sweat while jogging, biking or playing volleyball. He will complete a Trauma Fellowship at Allegheny General Hospital in Pittsburgh before hopefully working in a community hospital in the Montreal area. He is thankful for his family, his friends and most importantly, his wife, Sabrina, for their endless support and encouragement throughout the last decade.



DR. PETER DUST was born in Toronto, Ontario, but grew up in Saskatoon, Saskatchewan. He completed a Bachelor of Science (Honours) degree in Physiology as well as his medical studies at the University of Saskatchewan before moving to Montreal to continue his training in Orthopaedic Surgery. During residency, Peter completed a Master of Science degree in Experimental Surgery through the Surgical Scientist and Clinical Investigator Programs.

Throughout residency, Peter was known for his extensive collection of bow ties and distinctive laugh. A frequent ATLS instructor, Peter will be moving back to his birthplace to pursue an Orthopaedic Trauma Fellowship through the University of Toronto. He will then remain in Toronto for a second year to complete a fellowship in Arthroplasty and Lower Extremity Reconstruction. Outside of work, his main passion is music. A classically trained French Horn player, he enjoys both playing and attending live classical and jazz concerts.



DR. JASON KHOURY did his Medical School at McGill prior to being accepted into their Orthopaedic Surgery Program. Needless to say, his five-year journey has been a whirlwind tour from the trenches of the MGH Ortho Trauma Service to Chief Orthopaedic Resident. Most impressively, he managed this without doing a single bench press in the resident room (although took up cycling later in his career). As part of his

desire to foster a positive work environment, he inaugurated an official resident's retreat, yearly holiday dinners and put together the first career planning session with recent graduates. Inspired by his mentors, Jason strongly believes in being thorough, dependable,

self-critical and to learn by teaching. He will complete a Fellowship at the Roth McFarlane Hand and Upper Limb Centre in London, Ontario. He is especially thankful for his friends, family and wife, Camille, for being there every step of the way.



DR. ANAS NOOH was raised in Jeddah, Saudi Arabia and completed his medical studies at King Abdul-Aziz University. In 2016, Anas completed a Master's Degree in Experimental Surgery under the supervision of Dr. Michael Weber. He then joined McGill's Orthopaedic Residency Program.

Throughout residency, Anas was known for his hard work, discipline and commitment. He received several awards and was nominated by the program to attend the American Orthopaedic Association Future leaders conference in 2020. To date, Anas has published 24 peer-reviewed articles and several abstracts accepted for presentation in national and international meetings. After graduation, Anas will pursue a Fellowship in Complex Lower Limb Reconstruction and Orthopaedic Oncology at McGill University. Ultimately, he will be heading back to King Abdul-Aziz University Hospital, Jeddah, Saudi Arabia, as an Academic Orthopaedic Surgeon. Anas is the proud father of Hussain and Jasmine and owes all his success to his supportive parents and to Lama, his wife and soulmate. ♦

off the mark.com

by Mark Parisi



Division of Plastics and Reconstructive Surgery

The MUHC Division of Plastic Surgery has had a productive year despite the obvious challenges of the pandemic. I would like to begin by welcoming Dr. Josh Vorstenbosch to our team as one of our new breast, microsurgery and oncologic reconstruction plastic surgeons. Dr. Vorstenbosch has a strong research background, having completed a PhD under the supervision of Dr. Anie Philip before going on to complete his Plastic Surgery training at the University of Manitoba and his fellowship at Memorial Sloan Kettering in New York. He has been generously supported by the MGH Foundation and the Department of Surgery to get his research program started. He will also be bringing back important expertise integral in helping to develop the surgical lymphedema program for our MUHC cancer patients. Please join me in welcoming Dr. Vorstenbosch to the MUHC.

From an academic perspective, we are fortunate to be welcoming two (virtual or in person) visiting professors this year. Through the hard work of our Program Director, Dr. Stephanie Thibaudeau, we were awarded an American Society of Plastic Surgery visiting professorship and have selected Dr. Devra Becker, an expert in wound healing and surgical education.

In turn, I will be representing McGill Plastic Surgery later this year as the University of Michigan Visiting Professor, and as the newly selected as the Co-Editor of the Plastic Surgery Journal. As well, Dr. Lessard continues her educational and leadership role in ICOPLAST, the international Plastic Surgery Society. Last but not least, Dr. Anie Philip, our dedicated Plastic Surgery basic scientist, was recently awarded a coveted 5-yr CIHR Project Grant in 2021 and successfully graduated Drs. Shufeng Zhou (PhD) and Yasser Almadani (MSc). Our division prides itself on being one of the most productive academic and research Plastic Surgery programs in North America - and we continue the trend despite the present hardships.

Finally, the MUHC Division of Plastic Surgery would like to announce the retirement of Dr. Gaston Schwarz. Dr. Schwarz has been a cornerstone of our Division, starting at McGill in October 1971 following completion of his fellowship with Dr. Ralph Millard in Miami. In addition to being a loyal member of our academic division for over 50 years, Dr. Schwarz has been a pioneer in our field, introducing live surgery teaching to the field of plastic surgery in 1983 – now a routine educational tool for all surgical meetings. He was also one of the first surgeons to open a private operative

facility in Montreal, and was integral in the establishment of safety standards for private clinics and the current certification process. His private clinic has been an essential aesthetic surgery teaching site for our McGill Plastic Surgery residents for 40 years, and countless trainees have learned from his massive surgical experience. His achievements as an academic cosmetic plastic surgeon were recognized by the Canadian Society of Aesthetic Plastic Surgeons with a Lifetime Achievement Award – a testament to his contribution to our field. Although I am saddened by his departure, he remains an eternal part of our Division's legacy, and importantly, a friend and mentor. The Division of Plastic Surgery wishes him health and happiness in his retirement.

The Plastic Surgery Program would like to congratulate our graduating chief residents: Dr. Aljerian and Dr. Alabdulkarim, matched to the Christine M. Kleinert & Microsurgery Fellowship and the McGill Craniofacial Fellowship, respectively. Dr. Vallée-Gravel and Dr. Azzi, have secured positions at St-Jérôme Hospital and Cité-de-la-Santé Hospital in Laval. We wish them success in their future endeavors! ◆ ►

NEW FELLOW



Dr. Abdulaziz Alabdulkarim
Craniofacial Fellow

NEW RESIDENTS



Dr. Meshari Alnesef



Dr. Suleiman Almedaifer

NEW CHIEF RESIDENTS



DR. Rafael Vilela Galli
(P13-P1-P2)



Dr. Ahmed Al-Qattan
(P3-P4-P5)



NEW CHIEF RESIDENTS



Dr. Peter Alam
(P6-P7-P8)



Dr. Myriam Caruso Macdonald
(P9-P10-P11)



Dr. Tyler Safran
(P12-P13-P1)

GRADUATING RESIDENTS



Dr. Abdulaziz Alabdulkarim



Dr. Alain Azzi



Dr. Albaraa Aljerian



Dr. Camille Vallee-Gravel

Division of Thoracic Surgery

PUSHING THROUGH THE PANDEMIC

All services have been hit hard by the COVID-19 pandemic and Thoracic Surgery continues to provide the best care for its patients despite reduced clinics and OR time. During this time of uncertainty the Division of Thoracic Surgery had a move – the ward is now located on 10 East at the Montreal General Hospital. This newly renovated floor encompasses 15 single patient rooms with 4 negative pressure rooms and 4 monitor beds. This will allow any

patient who has a chest tube to remain on the ward. Going forward there will be a request to have a procedure room added.

KUDOS TO THE THORACIC LAB!

Overall the Thoracic lab continues to be an exciting and productive place for cancer research. The central theme of the McGill University Thoracic and Upper GI Cancer Research Laboratories involves investigating the cellular, molecular, and genetic determinants of cancer metastasis from lung, esophageal and gastric malignancies. ♦

Staff Achievements!

The Co-PI team of **Dr. Lorenzo Ferri**, **Veena Sangwan PhD** and **Swneke Bailey PhD** received a CIHR project grant (\$753,525, five years). "Investigating the Molecular Determinants of Peritoneal Metastasis from Gastro-Esophageal Adenocarcinomas at the beginning of the year.

Dr. Ferri also received a Cancer Research Society (CRS) grant (\$120,000 over 2 years - \$60k/yr) with Dr. Sangwan and Dr. Bailey as co-PIs, for *Identifying Mechanisms and Salvage Therapies for Chemoresistance in Microsatellite Unstable Gastro-Esophageal Adenocarcinoma*.



Dr. Swneke Bailey



Dr. Jonathan Cools-Lartigue

Dr. Swneke Bailey was also a co-corresponding author with collaborators in the US on a Cancer Research article, *Chromatin Looping Shapes KLF5-Dependent Transcriptional Programs in Human Epithelial Cancers*.

<https://cancerres.aacrjournals.org/content/80/24/5464.long>

Dr. Jonathan Cools-Lartigue [DOC21] was awarded the 2021 Thoracic Surgery Foundation (TSF) Research Award Application for his project entitled: *Investigating the Role Of Tumor Derived Extracellular Vesicles In Polarizing Polymorphonuclear Granulocytes Towards A Pro-Metastatic Phenotype*. ♦



► Student Successes!



Daniel Su, Dr. Jonathan Cools-Lartigue's PhD student, has been awarded the *Dr. Ray Chiu Distinguished Scientist in Surgical Research Award* and *The GREAT Award Experimental Surgery* for his outstanding research on the regulation of extracellular vesicles on neutrophils functions and cancer metastasis, using both patient derived samples and laboratory models. Daniel also got a poster acceptance at the upcoming AACR Annual Meeting 2021.



Dr. Ferri's students, **Adam Hoffman** (Masters) was awarded the *Inez and Willena Beaton Award in Oncology* for his work on the mechanism of microsatellite instability high mediated chemoresistance in gastro-esophageal adenocarcinoma.



Ramin Rohanizadeh had a poster accepted at the upcoming AACR Annual Meeting 2021 based on his PhD project to determine the association of blood and tumor NLRs with neutrophil phenotypes in gastroesophageal cancer patients.



Iris Kong, Dr. Veena Sangwan's Master student, received the prestigious *Dr. Ray Chiu Surgical Research Award* for her work on the identification of targetable molecular drivers of chemotherapy resistance using a combination of genomic and transcriptomic analysis, followed by the use of 3D organoid models to conduct drug screens directed against candidate driver molecules to explore novel therapeutic treatment for the patients. ♦

NEW RECRUIT

JENNIFER CHAN RN, BN (Nurse Navigator -Thoracic Surgery)

The Division is pleased to announce our new Nurse Navigator who joined the team in December 2020 and who will be based at the MGH and will assist with all levels of patient care.

Jennifer will be the point of contact and resource for patients to help navigate and facilitate their preoperative trajectory and ensure continuity of care.

Jennifer graduated from John Abbott with a DEC in Nursing 2008 and continued to a Bachelor of Nursing in 2012 from McGill University. With a surgical background which includes 4 years at the RVH in general surgery post-op care and most recently 8 years in recovery room/PACU post-anesthesia-care-unit at the Montreal General Jennifer is very eager and excited to join the thoracic surgery team and will no doubt be an asset to our service.

NEW FELLOWS



DR. YEHONATAN NEVO (SPRING 2020) completed the clinical component of this fellowship in August 2020 and began a year of research in the Thoracic Lab based out of the RI-MUHC. His research is focusing on modeling gastroesophageal adenocarcinoma chemoresistance in patient derived organoids.

Upon completion of his research year (this coming August 2021) Yoni will return home to work at the Sheba Medical Center in Tel Hashomer, Israel as an Upper GI surgeon and member of staff in the department of General and Surgical Oncology Surgery "C" where he will be able to share with his colleagues his new expertise in managing and operating malignant and benign upper GI surgeries.



DR. SEVERIN SCHMID (WINTER 2020) completed his fellowship in December and has started working as an Attending Surgeon in the Department of Thoracic Surgery at the University Medical Center at University Hospital Freiburg Germany where he has already began applying many of the skills he learned and perfected at McGill.

Severin also had his defense for his "Habilitation" (a term that may not exist in Canada) and received his "Venia Legendi" and was appointed as Director of the Centre for Thoracic Tumors at the Comprehensive Cancer Centre Freiburg.

He continues the scientific collaboration with McGill, Nancy/Strasbourg and centres from Italy which were have established during his time in Montreal and to which he and the Division are currently planning a prospective multicentre trial. ♦

Division of Urology

D

espite the challenges in the time of COVID, the McGill Urology Department celebrated their 30th ANNUAL MCGILL UROLOGY RESEARCH DAY. Since 1990, the Division has hosted an annual research gathering allowing graduate students, residents, post-doctoral fellows, research associates and assistants to present their research endeavors. **Dr Simon Tanguay**, Professor and Head, McGill Division of Urology and **Dr Simone Chevalier**, Professor and McGill Director of Urology Research were pleased to host the event virtually on November 18th, 2020.

The central theme was on Benign Prostatic Hyperplasia (BPH) under the direction of **Dr Melanie Aube-Peterkin**, Assistant Professor, Department of Surgery/Urology and **Dr Serge Carrier**, Professor, McGill Department of Surgery. They were delighted to welcome visiting Professor of Urology, Head of the Mayo Men's Health, **Dr Tobias S. Kohler**, from the Mayo Clinic, Rochester, Minnesota. It was a privilege to hear his excellent talk on *Convective Steam Therapy of the Prostate - What Have We Learned?* This was followed by the 21 scientific presentations, moderated by **Dr Cristian O'Flaherty**, Associate Professor, McGill Department of Surgery. With close to 100 virtual people in attendance, the McGill Urology Research Day, although shortened of the usual program,

students, residents and fellows who have participated in research projects were still able to present interesting clinical cases from each subspecialty, and showcase their innovative research to peers, and a glimpse of the quality and breadth of research being done on various themes related to urological disorders. Dr Simone Chevalier presented an inspiring speech and appreciation of this milestone moments of the 30years of Urology Research Day. The emphasis was on the recruitment of Urology Faculty members whose incentive to pursue research dates back to their rotation in Urology research labs during their undergraduate or residency programs.

Awards were presented for the best presentations to MD Research Fellow **Dr Gautier Marcq** (Dr Wassim Kassouf), PhD Student **Dr Ronald Kool** (Dr Wassim Kassouf) and **Dr Charles Hesswani** (Dr Simon Tanguay). The jury was composed of **Dr. Tobias Kolher**, **Dr Peter Chan** (Professor, Department of Surgery/Urology), **Dr Melanie Aube Peterkin**, **Dr Orest Blaschuk** (Professor, Department of Surgery/Urology) and **Dr Victor McPherson** (Assistant Professor, Department of Surgery/Urology) on behalf of an appreciative McGill Division of Urology. The day concluded with closing words by Dr Simon Tanguay congratulating everyone who participated by thanking the organizers **Dr Cristian O'Flaherty** and **Dr Simone Chevalier**, Pharmaceutical partners for their continuous and generous support, and **Ms. Chrysoula Makris** whose indispensable contribution throughout the years has made the McGill Urology Research Day once more a successful and memorable event. ♦

URD: A tradition to share our findings

Spirit: Widest possible representation of projects involving clinicians and scientists meeting annually in a collegial environment

- Waves of development in the early 1990s
- Vision: New generation of urologists coming back to McGill after a fellowship involving a research component - *Dr Aprikian, Dr Tanguay, Dr Corcos*
- Opening of new research facilities
 - *MGH: Dr Chevalier vs. Director of Uro-Onco - prostate cancer and kidney cancer*
 - *JGH: Dr Corcos vs. Director of Urology & Research*
 - Neurostimulation - erectile and bladder dysfunctions
- Recruitment of additional scientists and clinicians
 - *Drs Brock, Sculpturino, Dion, Chevrette*



Simone Chevalier, Dr.



Dr. Simone Chevalier (upper right corner)



Dr. Tobias Kolher (Invited Professor)



McGILL UNIVERSITY DIVISION OF UROLOGY



30TH ANNUAL MCGILL UROLOGY RESEARCH DAY
WEDNESDAY, NOVEMBER 18, 2020



Dr. Tobias S. Köhler, MD, MPH, FACS
Mayo Clinic, Rochester, MN.



*Dr. Serge Carrier (left upper corner)
introducing Visiting Professor*

Photos of the three awardees for best presentation: Top left row: Dr. Tobias (Visiting Professor), Dr. Aube, Dr. Marcq (awardee) and Dr. Tanguay
Middle row: Dr. Hesswani (awardee), Dr. O'Flaherty, Dr. McPherson and Dr. Kool (awardee), Last row: Dr. Carrier, Dr. Kassouf represented by Dr. Mansure

Recording Speaker View Exit Full Screen

Tobias Köhler	Mélanie Aubé-Peterkin, Dr.	Orest W. Blaschuk, Dr.	Peter Chan	Armen Aprikian
Simone Chevalier, Dr.	David P. Labbé, Dr.	Cristian O'Flaherty, Dr.	Gautier Marcq	cmakris
Simon Tanguay	Charles Hesswani	benjamindesormeau	Jacques Lapointe, Dr.	Arygne Santos
NT	Francis Petrella	Seta Derderian	Eleonora Scarlata Villegas	Surashri Shinde
Mohanned Alessa	Anfal	Alice Dragomir, Dr.	Kevin Zhao	

Virtual Audience

Division of Urology

NEW RESIDENTS



DR. IMAN SADRI

(Incoming PGY1 Urology Resident)

Dr. Iman Sadri, originally from Iran, completed his undergraduate medical education at McGill University before joining McGill's Urology Residency Program in 2021. During medical school, he played an active role in multiple student body associations and initiatives. Additionally, Iman participated in numerous research projects focused on various urological subspecialties. His academic interests include surgical innovation and novel adjuncts to classical surgical education. In his free time, he enjoys playing basketball, traveling with friends, and playing chess.



DR. HEND ALSHAMI

(Incoming PGY1 Urology Resident)

Dr. Hend Alshami was born and raised in Saudi Arabia. She graduated from Imam Abdulrahman bin Faisal University, College of Medicine, Dammam, Saudi Arabia in 2017 with class honors, followed by a one year internship in 2018. After having completed two years of training as a urology resident in Saudi Arabia, she looks forward to joining the Urology program at McGill University. She is interested in research, medical law, and medical education. Outside hospital walls, Hend enjoys spending time with her family and friends the most. She also enjoys traveling, making new adventures, cooking, and translating movies/series.



DR. ABDULMALIK ADDAR

(Incoming Urology PGY1 Resident)

Dr. Abdulmalik Addar originally from southern Saudi Arabia born and raised in Riyadh. Abdulmalik graduated magna cum laude from the College of Medicine at King Saud bin Abdulaziz University for Health Science in 2018. Dr. Addar was a PGY3 at urology residency at King Abdulaziz Medical City, Riyadh before joining McGill University's Urology program. Abdulmalik has special interest in urological research having published 10 peer reviewed articles in various journals, presented in numerous international urological conferences and is about to publish his first chapter in a book titled "Flexible Ureteroscopy" along many renowned international authors. Outside medicine, Abdulmalik is a horseback rider, Catamaran sailor, avid traveler and enjoys lounging on the beach.



Dr. Abdullah Alahmari

(Incoming Urology PGY1 Resident)

Dr. Abdullah Alahmari graduated from King Abdulaziz University in Jeddah, Saudi Arabia. After finishing two years of urology residency in Saudi Arabia, he was awarded a scholarship to join the Urology Residency Program at McGill university in 2021. Outside of medicine, Abdullah enjoys spending time with his family and friends, cycling and hiking.

NEW CHIEF RESIDENTS



DR. BENJAMIN LEGAULT

(Incoming Urology Chief Resident)

Dr. Benjamin Legault was born and raised in Montreal. After being the valedictorian and receiving the Governor General's Academic Medal (Collegiate Bronze) at St-Jean Royal Military College, Benjamin pursued his medical doctorate at Université de Montréal. He completed the first three years of his residency training in urology at Université de Sherbrooke. During his second and third year of training, Benjamin was the chief resident and the resident representative on the Urology Residency Program Committee at Sherbrooke. He joined the McGill Urology Program in July 2020 to complete the last two years of his residency training. He will represent the urology residents as External Chief Resident for the upcoming year. Finally, Benjamin is an avid mountain biker, alpine skier and loves aerial photography.

DR. NATHALIE NICOLAS

(Incoming Urology Chief Resident)

Dr. Nathalie Nicolas was born and raised in Saint-Hyacinthe. She pursued her childhood passion and studied film production at Vancouver Film School. She worked in small cinematographic projects, behind the camera or doing editing. She then completed a medical degree at University of Sherbrooke, Campus Saguenay in 2016. Nathalie started her Urology residency at University of Sherbrooke, then joined the Urology program at McGill in 2019. She is looking forward to pursuing her career as a community urologist in her hometown and combining her two passions: cinema and medicine. During her free time, Nathalie likes rediscovering the simplicity of life with her 3-year-old son.



DR. CÔME THOLOMIER
(Incoming Urology Chief Resident)

Dr. Côme Tholomier completed his medical education at McGill University before joining the McGill Urology Residency Program in 2017. Throughout his residency, he published and presented multiple research projects, mainly in Urologic Oncology, and received the Resident Prize Essay at the Northeastern Section of the American Urological Association for his work in immunotherapy for bladder cancer in 2021. He will also be the next Academic Chief Resident for the year 2021-2022. Côme is looking to specialize in Urologic Oncology after finishing his residency. During his free time, he particularly enjoys rock climbing, playing tennis and skiing.



DR. CORA FOGAING
(Incoming Urology Chief Resident)

Dr. Cora Foguing completed her medical degree at McGill University before starting her residency with the McGill Urology family. She developed an interest for global surgery after participating in a surgical mission in Rwanda. She enjoys teaching and was awarded the TCP Award for Excellence in Teaching. She was also involved as the junior representative of the program. Outside the operating room, her hobbies include traveling, learning Spanish and relaxing at the spa. Upon completion of her residency training, Dr. Foguing will pursue a fellowship in Reconstructive Urology.



DR. ALEXANDRINE DA SILVA
(Graduating Chief Urology Resident)

Dr. Alexandrine da Silva grew up in Ahuntsic, Montreal. She completed her medical degree at McGill University in 2016. During medical school, she held different leadership positions such as VP Social Affairs of the Medical Student's Society and member of the Administrative Board of the Fédération Médicale Étudiante du Québec. Alexandrine completed her residency in Urology at McGill University where she held the position of Academic Chief resident. She will go on and work at Verdun Hospital. Outside of the hospital, Alexandrine enjoys playing soccer weekly with her team of almost 20 years. She is also passionate about scuba diving and she never misses a chance to discover new underwater destinations.

GRADUATING RESIDENTS



DR. WAEEL ALMAJED
(Graduating Urology Resident)

Originally from Saudi Arabia, Dr. Wael Almajed acquired his medical degree at King Saud University in Riyadh. After finishing one year of urology residency at National Guards Hospital, he started his Master of Science degree at McGill University focusing on chemo and radiosensitization of bladder cancer. He subsequently joined the McGill University Urology Residency Program. He is currently a PGY5 resident and will begin his fellowship training in Andrology this year at Tulane University in New Orleans, LA. During his free time, Wael enjoys traveling, hiking and sightseeing.

DR. CHRISTIAN DIAB

Dr. Christian Diab was raised in Syria and due to the war, he moved to Canada in 2012 to pursue his medical education at Université de Sherbrooke. After graduating at a very young age, Christian joined the Urology residency program at McGill University. During his residency training, he channeled his passion for networking by joining the Association of Residents of McGill for two years as a surgical representative until he was nominated by his peers for the position of VP Events. He then held the position of Urology External Chief Resident during his last year of residency. Christian also enjoys exploring all of what Quebec has to offer, including fine dining and social activities. Therefore, he chose to stay in the Greater Montreal Area and pursue a career in community Urology at the CISSS des Laurentides, St-Jérôme Hospital. ♦

As a surgeon you have to have a controlled arrogance. If it's uncontrolled, you kill people, but you have to be pretty arrogant to saw through a person's chest, take out their heart and believe you can fix it. Then, when you succeed and the patient survives, you pray, because it's only by the grace of God that you get there.



—Mehmet Oz

Division of Vascular Surgery

NEW FELLOW



DR. WILLEM J.J. DE JONG (Incoming McGill Advanced Aortic and Peripheral Endovascular Surgery Fellow)

Dr. Willem JJ de Jong is a graduate of the University of Groningen Medical School in The Netherlands, and he completed his general surgery and vascular surgery residency training at Leiden University. He will join us for the 1-year McGill Advanced Aortic and Peripheral Endovascular Fellowship starting in September 2021.

NEW RESIDENT



DR. ANAND PATEL (McMaster University, Hamilton, Ontario)

numerous, high-quality peer-reviewed publications was marked by several honours. He was awarded the CSVS National Student Research Award, the Edmund D. Monaghan Principles of Surgery Award for Best Junior Surgical Resident as well as the McGill Vascular Surgery Teaching Award. Following residency, he will pursue a combined cardiac/vascular surgery advanced open and endovascular thoracoabdominal aortic fellowship in Liverpool, United Kingdom. This fellowship is funded by a Royal College of Physicians and Surgeons Detweiler Travelling Fellowship. Following his advanced training, Dr. Doonan will return on staff in the Division of Vascular Surgery at the McGill University Health Centre. In his spare time Dr. Doonan enjoys cycling and hiking with his partner Pauline, and his dogs Ellie and Oliver.



DR. SAAD BIN AYED (Vascular Surgery resident 2021)

Dr. Saab Bin Ayeed graduated from King Saud University, College of Medicine, KSA and began his vascular surgery residency at McGill University in 2016. During his training Saad has developed a particular interest and focus on Peripheral Arterial Disease and Limb-Salvage. He will be completing a 12-month general vascular surgery fellowship at Dalhousie University in 2021/22 and then hopes to spend 1-year training with Dr. Marco Manzi in Italy for further advanced peripheral endovascular limb salvage training. Outside of medicine and surgery Saad is a passionate amateur photographer and scuba diver. He will return to Saudi Arabia upon completion of his fellowship training.



DR. HASHEM HAYEQ (Advanced Aortic and Peripheral Endovascular Fellow 2021)

Hashem Hayeq completed his medical school studies at the Jordan University of Science and Technology in 2012. Between 2013 and 2020, he completed his internship and residency in Vascular and Endovascular Surgery at the Lady Davis Carmel Medical Center in Haifa, Israel. Hashem worked for a short period as an attending vascular surgeon before starting his one-year Advanced Aortic and Peripheral Endovascular Surgery Fellowship at McGill University in July of 2020. Hashem has become a valued and respected member of the McGill Vascular Surgery group and has contributed greatly to the educational mission of the Division and Residency Program. It was a pleasure for the Faculty and residents to work with such a skilled surgeon and we gained added insight and perspective on the medical and social politics of Israel and the Middle East. In his spare time during the winter months of the past year, Hashem took to the slopes, teaching himself how to ski. He also enjoys hiking and playing rock, metal and jazz on the electric bass. Dr. Hayeq will resume his position as an attending vascular surgeon in Haifa in July 2021. We hope to maintain close, collaborative contact with Hashem and wish him all the best in his surgical career. ♦

NEW CHIEF RESIDENT



DR. MOHAMMED (MO) HABIB graduated from the Faculty of Medicine at King Abdulaziz University, Jeddah, Saudi Arabia. He began his vascular surgery residency at McGill University in 2017. Mo has thus far been an enthusiastic, committed vascular surgery resident and has repeatedly demonstrated his focus on his role as a vascular surgery consultant-in-training. His calm demeanor and professional approach to patient care has garnered respect from his colleagues. He holds an appointment as a Teaching Assistant at Umm Al-Qura University (UQU), Makkah, Saudi Arabia and will return to Saudi Arabia as a University faculty member upon completion of his training. With a young family at home, Mo has had to cut back on his love of weightlifting, but keeps busy outside of surgery watching movies and playing soccer.

GRADUATING RESIDENTS AND FELLOWS



DR. ROBERT DOONAN (Vascular Surgery resident 2021)

Dr. Robert James (RJ) Doonan completed his MD-PhD degree at McGill University, investigating methods to identify the unstable carotid plaque under the supervision of Dr. Stella Daskalopoulou. During his residency he served on the Vascular Surgery Residency Program Committee and conducted outcomes research in carotid and aortic disease. His training, which has been highlighted by many podium presentations and

P

nina Brodt receives Lifetime Achievement Award from the University of Ottawa. Full write-up available here:

<https://muhc.ca/news-and-patient-stories/pnina-brodt-receives-lifetime-achievement-award-university-ottawa>

KUDOS !!

Dr Dan Deckelbaum named to the Faculty Honour List for Educational Excellence. This McGill Faculty of Medicine award recognizes individuals who have made an outstanding contribution to education.

Dr. Liane Feldman appointed president of SAGES (Society of American Gastrointestinal and Endoscopic Surgeons), the largest all general surgery society in North America.

Dr. Edward Harvey has been designated an Elite Reviewer for The Journal of Bone & Joint Surgery.

Finally, **Dr. Anie Philip**, our dedicated Plastic Surgery basic scientist, was recently awarded a coveted 5-yr CIHR Project Grant and a 5-year NSERC grant (Fall 2020 competitions) and graduated Drs. Shufeng Zhou (PhD), Faegheh Ghanbari (PhD) and Yasser Almadani (MSc) during 2020-2021. Also, Dr Philip was elected as the President of the Skin Research Group of Canada (the premier society for skin researchers in Canada) and was appointed as a Co-Director of the Skin Investigators Network Canada (SkIN Canada), a CIHR-funded program.

Congratulations to **Richard Garfinkle** and **Etienne St. Louis** for receiving their PhD in Experimental Surgery



SAGES 2021 AWARD WINNERS

Pioneer in Surgical Endoscopy Award
Gerald Fried, MD

Early Career Faculty Researcher Award
Lawrence Lee, MD

Researcher in Training Award
Richard Garfinkle, MD

Dr. Liane Feldman appointed president of SAGES (Society of American Gastrointestinal and Endoscopic Surgeons), the largest all general surgery society in North America.

Prosanto Chaudhury was awarded the James IV Travelling Fellowship and is President of the CHPBA.



George Zogopoulos was awarded the Michael and Renata Hornstein Career Award for Surgical Excellence.

Paola Fata was awarded the Outstanding Postgraduate Surgical Educator by at The Canadian Conference for the Advancement of Surgical Education and is President of the Canadian General Surgery Foundation.



The Department of Surgery is very pleased to announce that **Dr. Tarek Razek** has been awarded the H. Rocke Roberton Chair in Surgery.



Congratulations to our faculty members who obtained FROS career development awards this year.

Julio Fiore Jr: *La voie du rétablissement après la chirurgie: Stratégies contemporaines pour mesurer et améliorer les résultats postopératoires.*

Carmen Mueller: *Coaching par les pairs pour les chirurgiens en pratique - modernisation de la formation médicale continue en chirurgie.*

Derek Rosenzweig: *Nouvelles approches de délivrance thérapeutique pour une régénération améliorée des tissus musculo-squelettiques après résection tumorale, traumatisme ou infection.*

Jonathan Spicer: *Au carrefour de l'immunité tumorale innée et adaptative sur la trajectoire de soins des patients atteints d'un cancer pulmonaire opérable: Comment élargir nos créneaux de tirs?*

Stephanie Wong: *Optimiser la prise de décision et la prévention du cancer du sein chez les femmes à risque élevé.*

George Zogopoulos: *Accélérer l'oncologie de précision pour les cancers pancréatico-biliaires: un programme partenaire du Consortium québécois contre le cancer. ♦*

Character cannot be developed in ease and quiet. Only through experience of trial and suffering can the soul be strengthened, ambition inspired, and success achieved.

—Helen Keller



Obituary



JIM SULLIVAN, M.D.

Jim was true blue St Mary's to the core, so proud of the hospital where he spent his entire Orthopaedic career. He was a pioneer in Sports Medicine, initiating the 1st Sport Medicine clinic at St Mary's, and serving on the medical team for the 1980 Lake Placid Olympics. He was a great teacher and role model to the many Athletic Therapists who worked with him. To those of us who came after him, his greatest legacy was how he contributed to establishing an atmosphere of camaraderie and respect that to this day is at the heart of our success. Jim was a great story teller. He lit up an audience and laughed along with us, pulling out his ukulele, presenting our annual golf "awards" and captivating us all. He will surely be missed ♦

Dr. Ron Dimentberg



From the left: Dr. Moreno Morelli, Dr. Joyce Johansson, Dr. Paul Stephenson, Dr. Jim Sullivan, Dr. Larry Lincoln, Dr. Ron Dimentberg, Dr. Larry Coughlin, Dr. Jack Sutton



Obituary



A.P.H. MACLEAN, M.D.

The McGill community suffered, on April 12, 2021, the loss of a most respected and beloved colleague with the passing of Dr. Alexander (Peter) MacLean at the age of 88. Peter was a graduate of McGill, Faculty of Medicine "Class of '57" (together with Dr. Harvey Sigman). He met Arianne, his wife to be for 64 years and they married two days after graduation. After internship at McGill and the Royal Victoria Hospital, Peter went to Pakistan as a medical officer as part

of the Columbo Project where he was exposed to a considerable amount of Trauma surgery. It was there that he acquired his interest and then developed a subsequent expertise in trauma and critical care. Upon his return to Montreal, he entered the surgical residency program at the Royal Victoria Hospital under the leadership of Dr. Lloyd MacLean.

It was during his residency that he met a co-resident, John Duff, who became a close collaborator. Dr. Duff remembers Peter "as a skilled surgeon dedicated to the care of the most seriously ill patients". Dr. Duff went on to say that "when Lloyd MacLean arrived at the Vic in 62, there were no ICUs. Critical measurements were becoming available, but difficult and impractical in the ward setting. So he created a mobile team that could be called to study and manage critically ill patients, at their bedside, usually in shock, many septic. The team was available 24/7 and became known throughout the hospital as the Shock Team. His relentless attention to every aspect of patient care overshadowed many innovations he made in the management of critically ill surgical patients. His peers recognized him accordingly. Unquestionably Peter is one of the pioneers in the development of the surgical ICU. He saw this as an urgent need which was not accepted by all the surgeons".

This same team made major contributions to the understanding of shock, peritonitis sepsis and the description by Dr. Lloyd MacLean of "shock lung".

Dr. Henry Shibata, emeritus professor of surgery, also trained with Peter and became a close colleague who remembers ►

► Peter as "a true gentleman, very conscientious about the welfare of his patients.

"Dr. Errol Marlis, who led the nutritional support service for many years describe Peter as the "go to person for consultations, advice, and especially for his kind and patient manner to colleagues and patients, he was a doctor's doc!".

Dr. Antoine Loutfi, retired Professor of Surgery and Oncology described him as "a wonderful surgeon, great teacher, and humane caregiver, whether in Montreal or Ethiopia". In 1991, Peter and Ariane were recruited by Dr. Loutfi to join him and his wife Joyce Pickering who were associated with the McGill program in Addis Ababa, Ethiopia. That country had a population of 50 million but less than 50 trained surgeons. "Peter was posted to a small town 300 miles from Addis Baba with a fledgeling medical school. Typical of Peter, with his bags packed with discarded Bird respirators for non-existent ICUs. His mandate was to teach and train family doctors to manage and operate on common surgical emergencies while Ariane attempted to organize and catalogue their library system.

I had the experience of visiting in 1992 to review the program. Ethiopia was in the aftermath of a 30 year Civil War and I can attest

to their difficult task. Peter engendered total respect from colleagues and patients with the extremes of disease and trauma. Peter later became a co-founding member with Dr. Ron Lett of the Canadian Network for International surgery (CNIS). Peter returned to RVH in 1993 and resumed practice in critical care and on the accident service. He was also the infection control officer and practiced general surgery with an interest in morbid obesity.

Peter and I shared an office and secretary for many years through good and difficult times. I've benefitted from his calming influence, consultations and meticulous attention to detail. His guiding principles were "do no harm" but "leave no stone unturned". He had the patience of Job. I echo all the accolades that have already been used to describe Peter. He was a mentor and a friend. He was one of a kind with a wonderful sense of humour and endless empathy. To know Peter was to love him.

To Ariane and children Alex, Maia, Chris, Tony and Julien and extended family, deepest sympathies from your extended "old Vic" family, For a doctor, who whose kindness and compassion for all, will not be forgotten. ♦

Dr. Marvin Wexler
Professor of Surgery and Oncology (retired)

.....
While change is the law, certain great ideas flow fresh through the ages, and control us effectually as in the days of Pericles. Mankind, it has been said, is always advancing, man is always the same. The love, hope, fear and faith that make humanity, and the elemental passions of the human heart, remain unchanged, and the secret of inspiration in any literature is the capacity to touch the cord that vibrates in a sympathy that knows not time nor place.

The quiet life in day-light compartments will help you to bear your own and others' burdens with a light heart. Pay no heed to the Batrachians who sit croaking idly by the stream. Life is a straight, plain business, and the way is clear, blazed for you by generations of strong men, into whose labours you enter and whose ideals must be your inspiration.



—Sir William Osler (1849-1919)
A Way of Life



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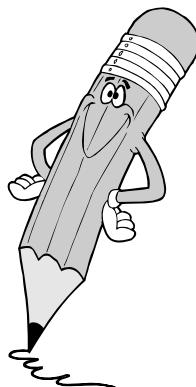
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