

DEPARTMENT OF SURGERY



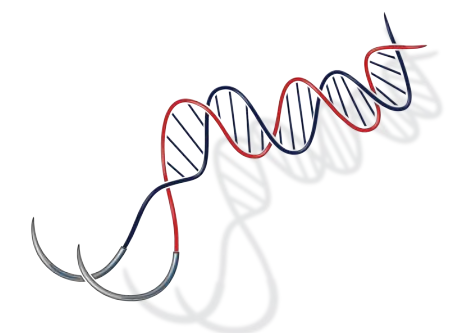
Surgery
UNIVERSITY OF TORONTO

ANNUAL ADDRESS 2020

James T. Rutka

MD, PhD, FRCSC, FACS, FAAP, FAANS

RS McLaughlin Professor and Chair

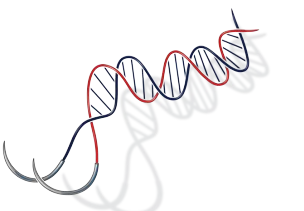




HIGHLIGHTS FROM 2019-2020



- ✓ Publication of academic business case for Global Surgery
- ✓ Formalization of the Surgeon-Entrepreneur job description
- ✓ Initiation of Phase 2 Wellness Program, focus group discussions
- ✓ Publication of the SSTP roadmap for research fellowships
- ✓ Creation of Inaugural Merit Awards for Junior Faculty
- ✓ White paper on Parental Leave
- ✓ Hiring of Equity, Diversity and Inclusion Co-Directors
- ✓ Impact of COVID-19 on the Practice of Surgery
- ✓ \$2.8M raised in philanthropic support





DEPARTMENT OF SURGERY STAFF



Harjit Bains - Finance Administrator

Val Cabral - Research Program Manager

Nancy Condo - Business Officer

Alina Gaspar - HR/ Payroll Administrator

Joanna Giddens - Strategic Plan Coordinator

Elena Iourtaeva - Acting UG Education Coordinator

Stacey Krumholtz - Medical Illustrator

Stephanie Neilson - Web/Communications Coordinator

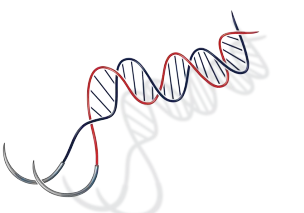
Effy Ordon - Senior Development Officer

Sylvia Perry - Executive Administrator

Violetta Sochka - PGME Program Assistant

Nancy Somer - Clerical Assistant

Tess Weber - PG Education Coordinator







UNIVERSITY ROUNDS 2019-2020

UNIVERSITY ROUNDS — UNIVERSITY ROUNDS — UNI

Surgery
UNIVERSITY OF TORONTO

SAVE THE DATE



TILE LECTURE *in Trauma*

Robert Riddell B. Eng, MD, CCFP (EM), MSM
*Flight Surgeon, Operational Space Medicine
Canadian Space Agency, Saint-Hubert, Quebec
ER Physician, Cornwall Community Hospital, Cornwall, Ontario
Clinical Associate, Division of General Surgery Trauma
Sunnybrook Health Sciences Centre, Toronto, Ontario*

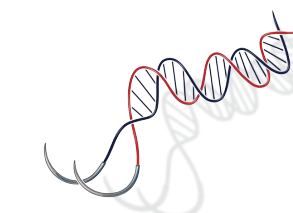
*“Trauma and surgical considerations
for Deep Space Exploration”*

LIVE ZOOM WEBINAR
Friday, June 5th, 2020 • 7:30-8:30AM

Learning Objectives:

1. Introduce the deep space operational context and relate it to remote terrestrial healthcare.
2. Discuss specific challenges with healthcare and surgery in deep space.
3. Introduce some emerging technologies and how they may impact remote terrestrial and deep space healthcare.

Dr. Marvin Tile is a world authority on the treatment of pelvic and acetabular trauma and has trained clinicians from around the world in the care of patients with critical orthopaedic injuries. Dr. Tile has published two books and 59 manuscripts that have shaped the practice of orthopaedics across the globe.





DEPARTMENT EVENTS 2019-2020

 **02.13.2020**
1:00-5:00 PM
PETER GILGAN CENTRE
FOR RESEARCH & LEARNING
GALLERY (2ND FLOOR)

The 5th Annual
**GLOBAL SURGERY
SYMPOSIUM**

KEYNOTE SPEAKER **EWEN HARRISON**
"Crowdsourcing Global Cancer Data"



EWEN HARRISON
Professor of Surgery and Data Science,
Honorary Consultant Surgeon,
University of Edinburgh

1:00 PM OPENING REMARKS:
JAMES RUTKA

1:00-2:00 PM KEYNOTE LECTURE:
EWEN HARRISON
"Crowdsourcing Global Cancer Data"


2:00-3:00 PM PANEL DISCUSSION:
EWEN HARRISON, JOSH NG-KAMSTRA, JANET MARTIN AND RICHARD SPENCE
"Peri-operative mortality rate (POMR): A useful global indicator of safe surgery?"

3:00-3:30 PM COFFEE BREAK

3:30-4:45 PM ADDITIONAL TALKS BY:
ANNA DARE
"Who counts? Counting the dead to help the living in India's Million Death Study"
GRACE MUTHONI THIONG'O
"Building surgical research capacity in Kenya: Opportunities and challenges"
JULIE THORNE
"Providing quality care in reproductive health; Perspectives from the AMPATH vantage in Western Kenya"
JOHANNA RIESEL
"Estimating global surgical, anesthesia and obstetric needs"

4:45 PM CLOSING REMARKS:
AVERY NATHENS



 | Department of Medicine | Department of Surgery


**Joint Departments of Medicine & Surgery
Annual Presentation**

Bob Bell, MDCM, MSc, FRCSC, FACS, FRCSE (hon)
A Single Payer, Public Funded Healthcare System in the Age of COVID-19


Wednesday, May 20th, 2020 - 5:00-6:00PM

[Click here to register](#)

Space is limited. Please register by Monday, May 18th, 2020 at 9:00AM.




Dr. Robert Bell served as Ontario's Deputy Minister of Health from 2014 to 2018. Prior to this role, he served as President and Chief Executive Officer of University Health Network for nine years. He was previously the Chief Operating Officer at Princess Margaret Hospital and Chair of Cancer Care Ontario's Clinical Council and the Cancer Quality Council of Ontario.

 **GLOBAL SURGERY PRESENTS**


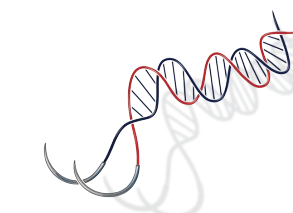
**CHORNObYL
AFTER THE FALLOUT**
WHAT SURGEONS SHOULD KNOW

05.25.20
A ZOOM LECTURE
5:00-6:00PM
Zoom link details to follow.



OLHA TYCHKIVSKA, MD
EPILEPSY FELLOW, DIVISION OF NEUROLOGY
THE HOSPITAL FOR SICK CHILDREN

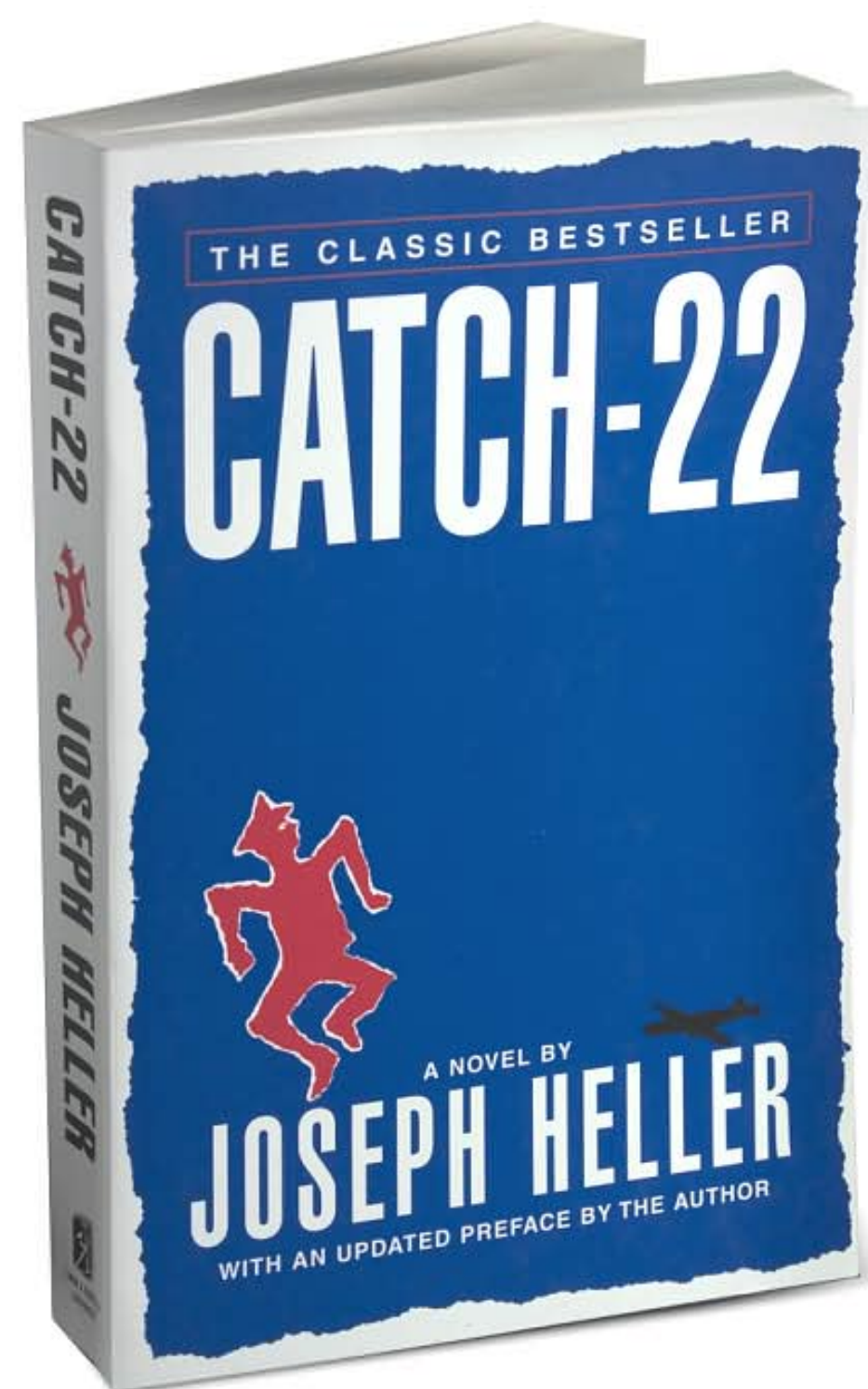
Olha Tychkiivska obtained her MB and Master's Degree in Pediatrics from Lviv National Danylo Halysky Medical University, where from 2017-2019 she was assistant professor of the Department of Pediatrics. Since July she has been an Epilepsy Fellow in the Division of Neurology at The Hospital for Sick Children through the Ukrainian Paediatric Fellowship Program Scholarship.



DEPARTMENT EVENTS 2019-2020

Department of Surgery Book Club

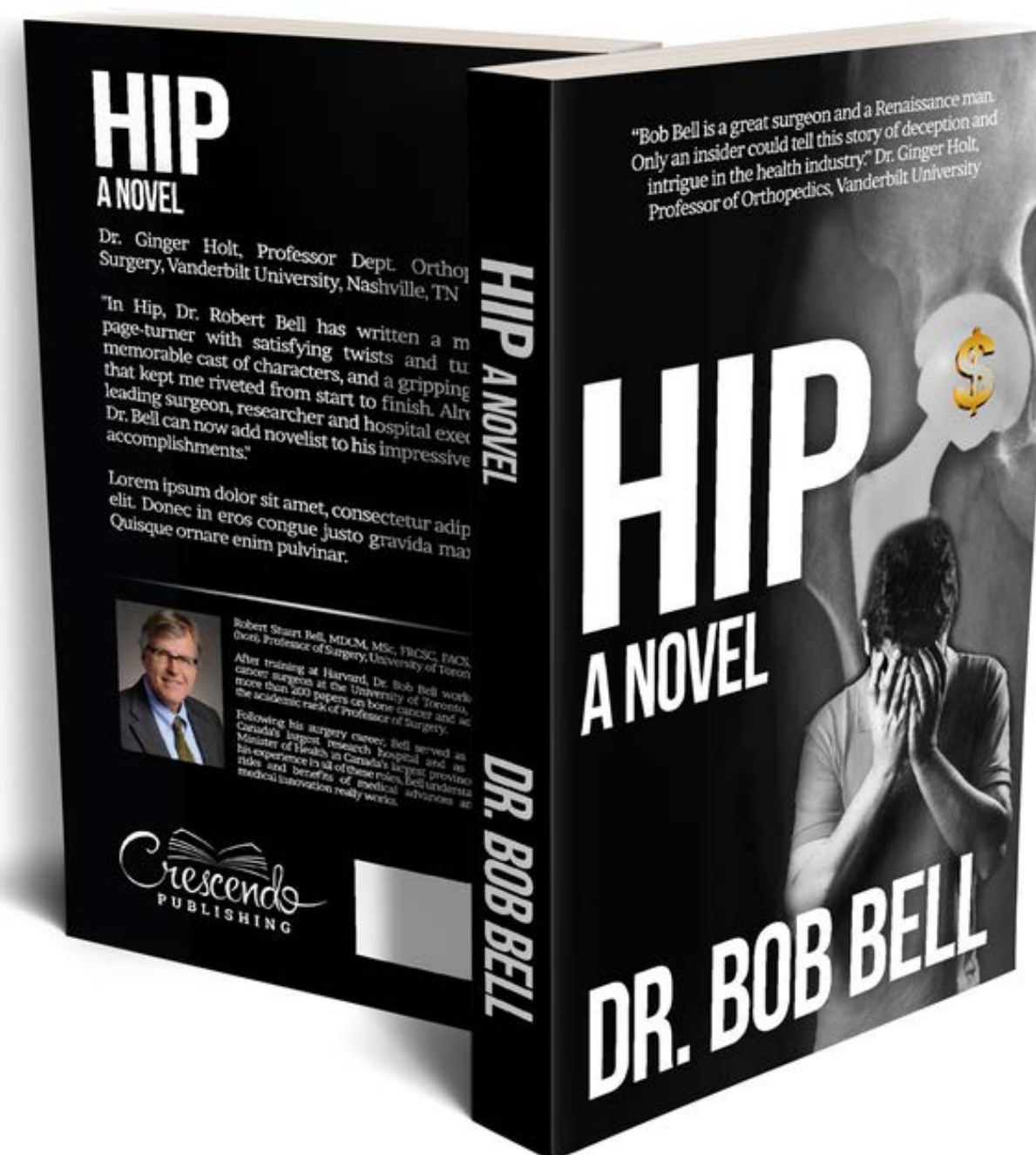


October 15th, 2019

Catch-22

Joseph Heller

Set during World War II it follows the life of Captain John Yossarian, a U.S. Army Air Forces B-25 bombardier and the his fellow airmen, who attempt to maintain their sanity while fulfilling their service requirements so that they may return home.

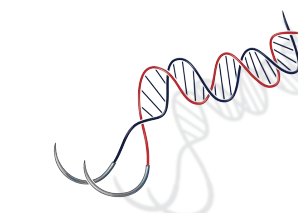


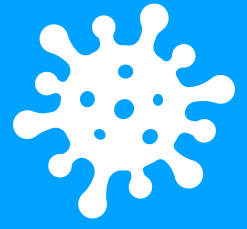
May 5th, 2020

HIP A Novel

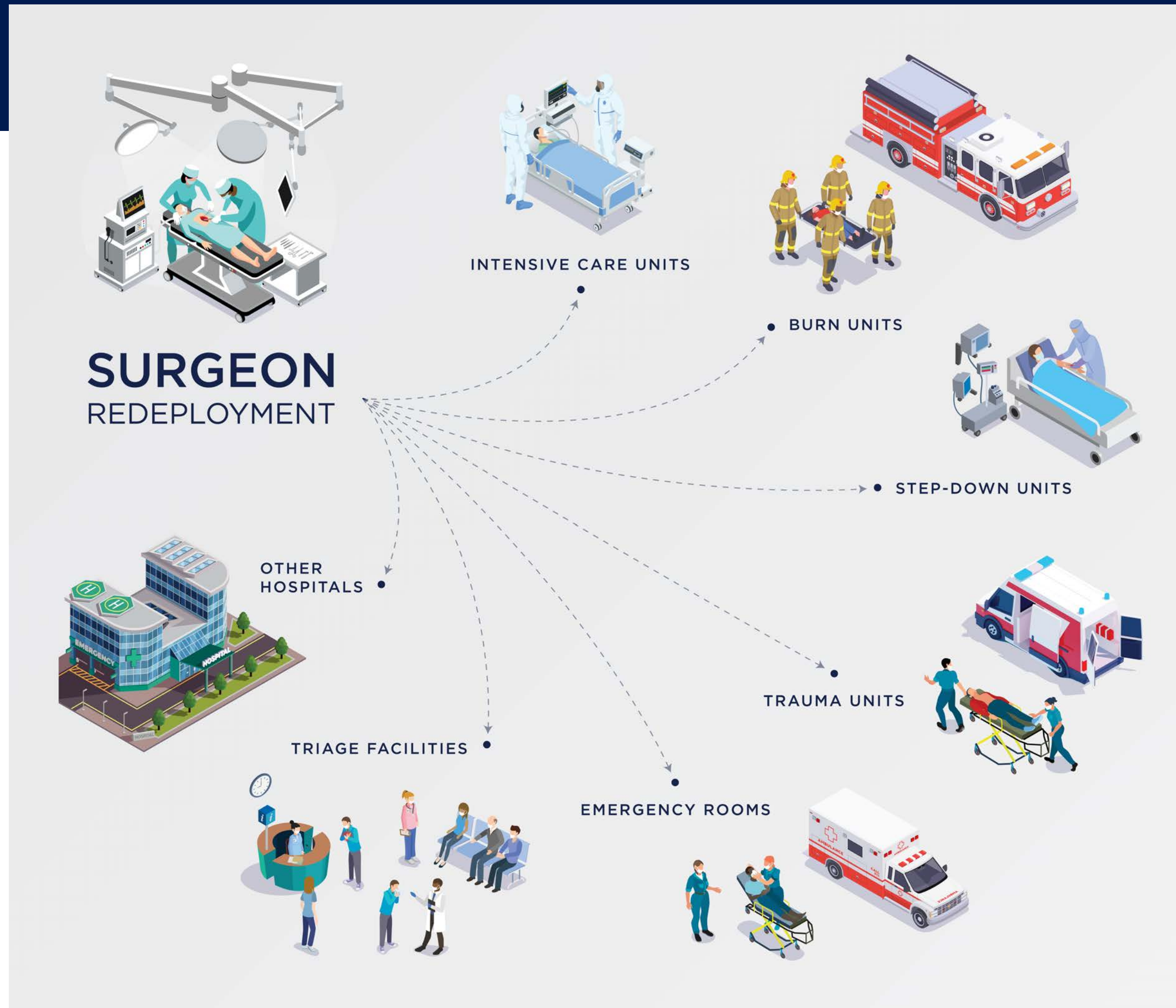
Dr. Bob Bell

This cautionary tale describes the conflict between profitable surgical innovation and the weak approval processes for surgical devices. With extremely powerful forces aligned against him, will a doctor be able to honor his oath? Or will his career be destroyed?





COVID-19 IMPACT ON SURGERY

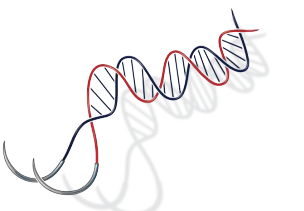


Surgeon Redeployment

I wish to acknowledge the dozens of surgical residents who have served in a redeployment capacity on the front lines in the critical care medicine units assisting with the care of COVID-19 patients.



George Oreopoulos
\$500,000 donation towards
PPE purchase





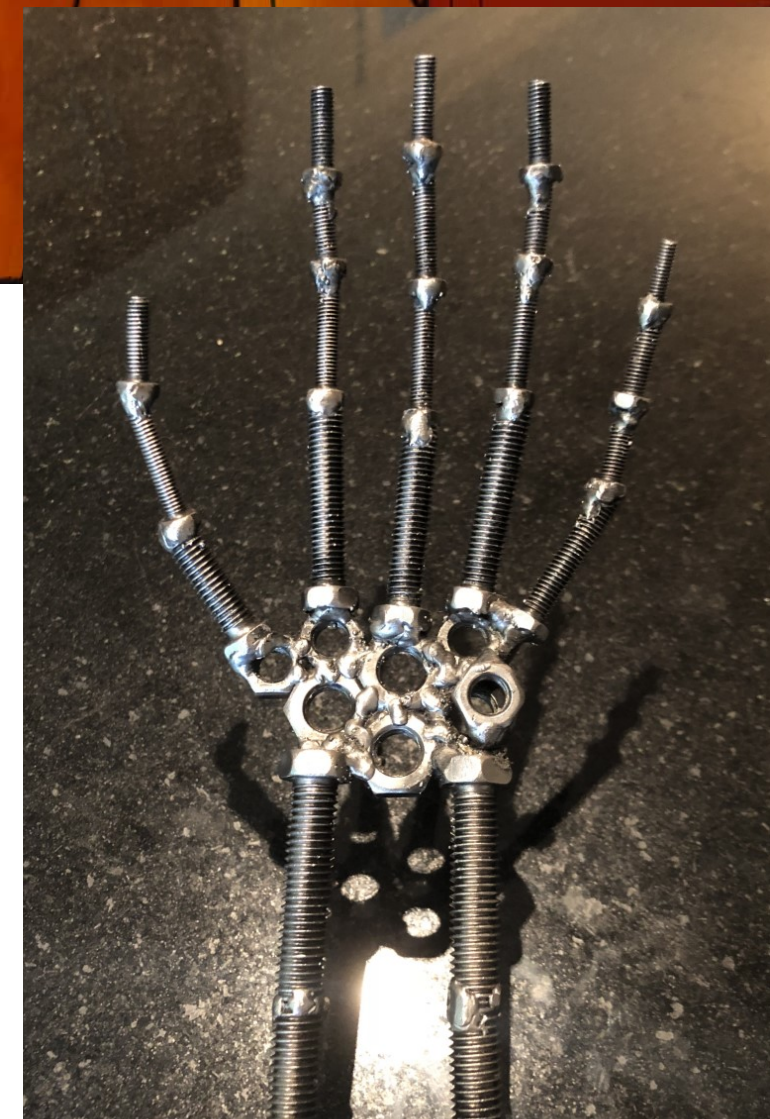
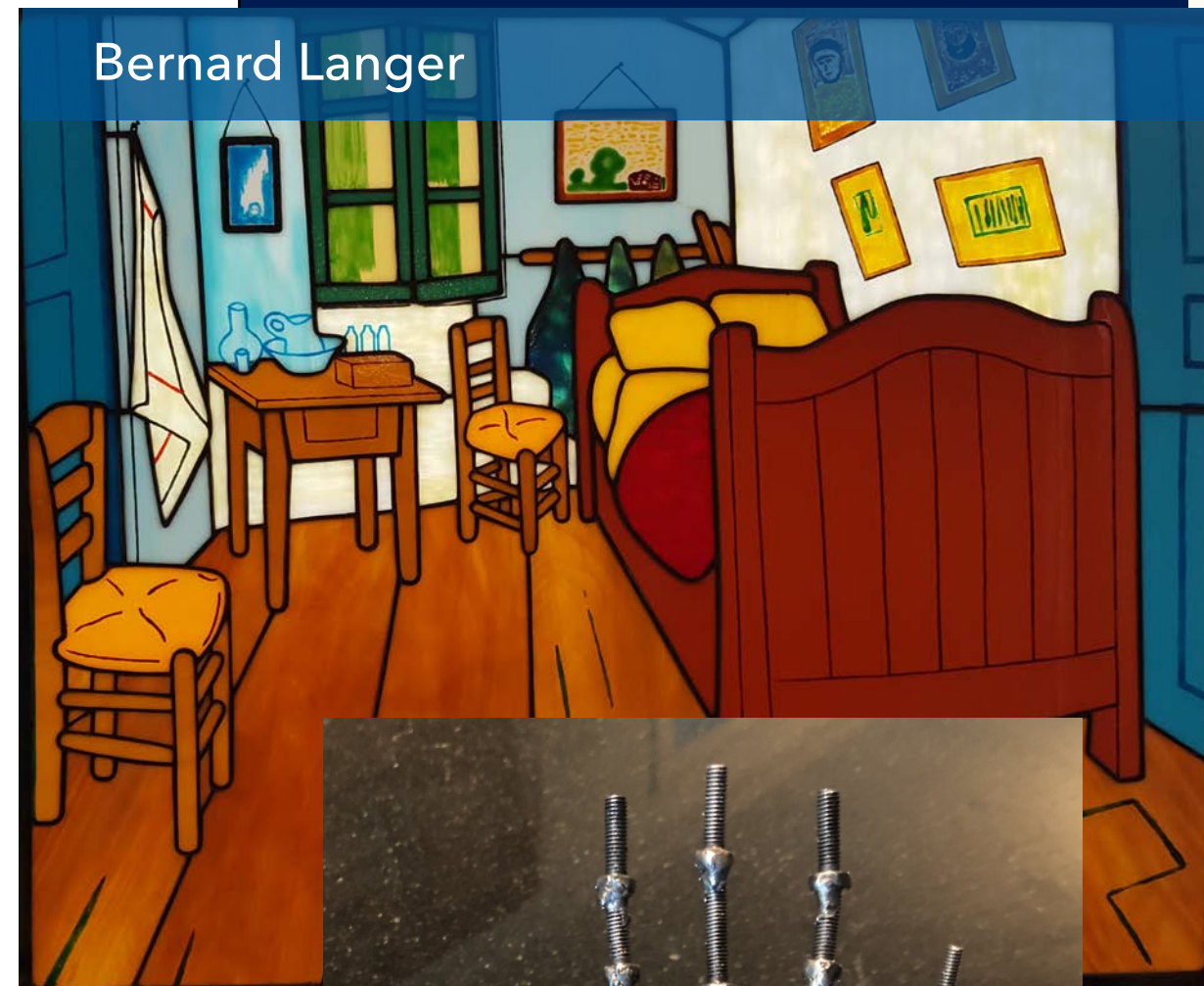
COVID-19 ART SHOWCASE

Very swiftly, without reflexive blinking, they removed it
 Ending me breath by breath
 None were left, I had heard rumors the day before
 The world was dying.
 Illusion of alarmists, I had thought
 Left me now in shock state worse than respiratory failure
 As I heard them say it with my own ears
 Too old, one of them whispered
 Oh, how effortlessly they disconnected it
 Remembering not once how youth poured out of my eyes.

Vital capacity, Tidal Volume, PEEP, Pressure Support
 Ending me breath by breath
 None of his numbers heading in the right direction
 The world was dying but I aimed to save everyone.
 Illusion of idealists, they had said
 Left me now in shock state worse than my patient's
 As I heard them say it with my own ears
 Too many patients, and not enough ventilators
 Oh, how difficult to disconnect it despite knowing it won't help
 Reminding myself every second it will save someone else.

Amanpreet Brar

Bernard Langer



David Burns



CALLING ALL SURGEON ARTISTS SHOW US YOUR CREATIVITY IN LOCKDOWN

The COVID-19 crisis has been a significant catalyst in stimulating the power of art and harnessing individual creativity. We are looking to showcase your art and bring it to a wider audience. Work will be assembled by Drs. John Semple and Darrell Ogilvie-Harris and

featured on the various Department of Surgery outlets (Instagram, Twitter, and department website). We welcome art in all forms*, along with a brief description of its significance to you. This opportunity is open to all trainees, faculty, and alumni.

DEADLINE FOR SUBMISSION: FRIDAY, AUGUST 21ST 2020

Submit via email to: john.semple@wchospital.ca, d.ogilvie.harris@utoronto.ca

* Photography, paintings, drawings, sculptures, digital art forms, poems, haiku, videos, music, etc.





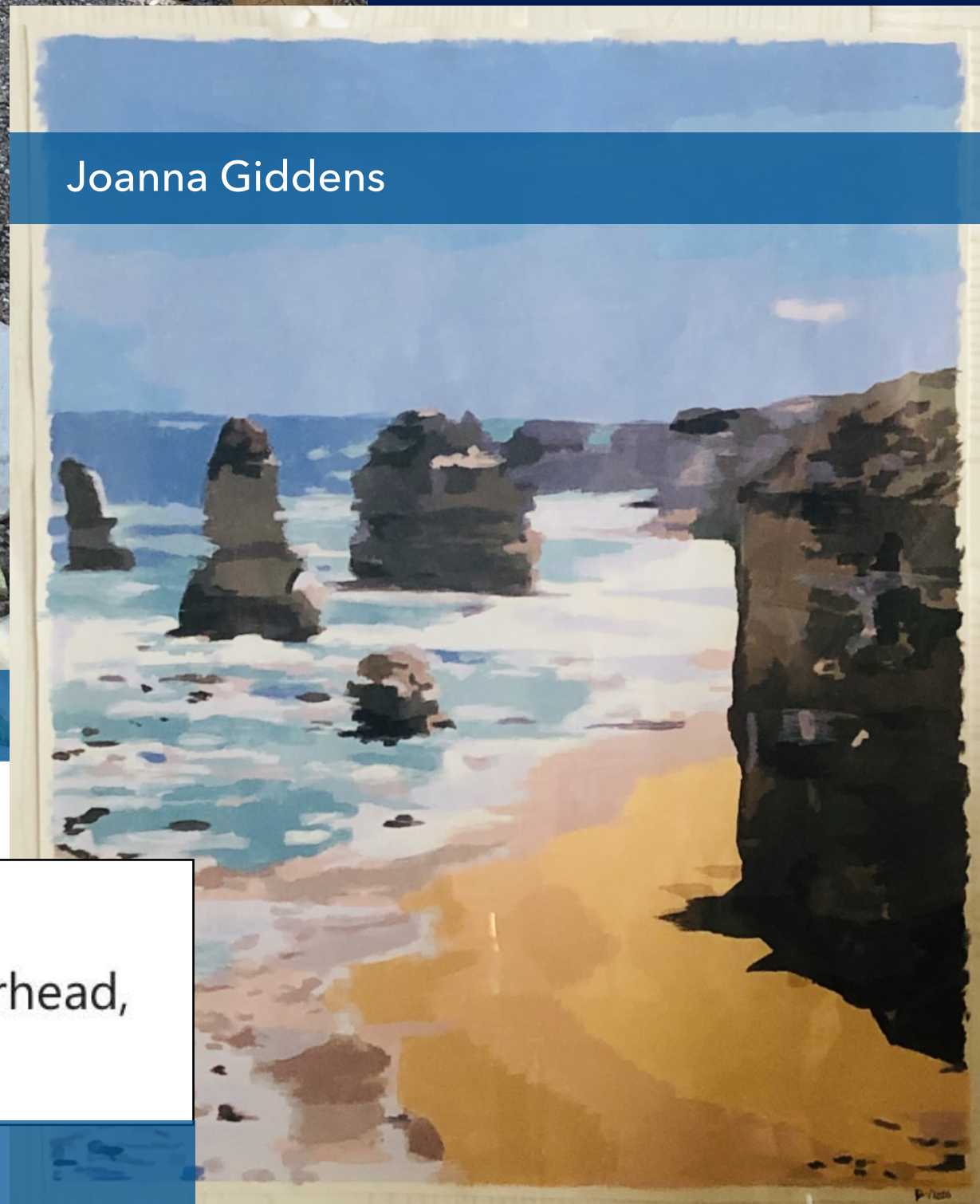
COVID-19 ART SHOWCASE



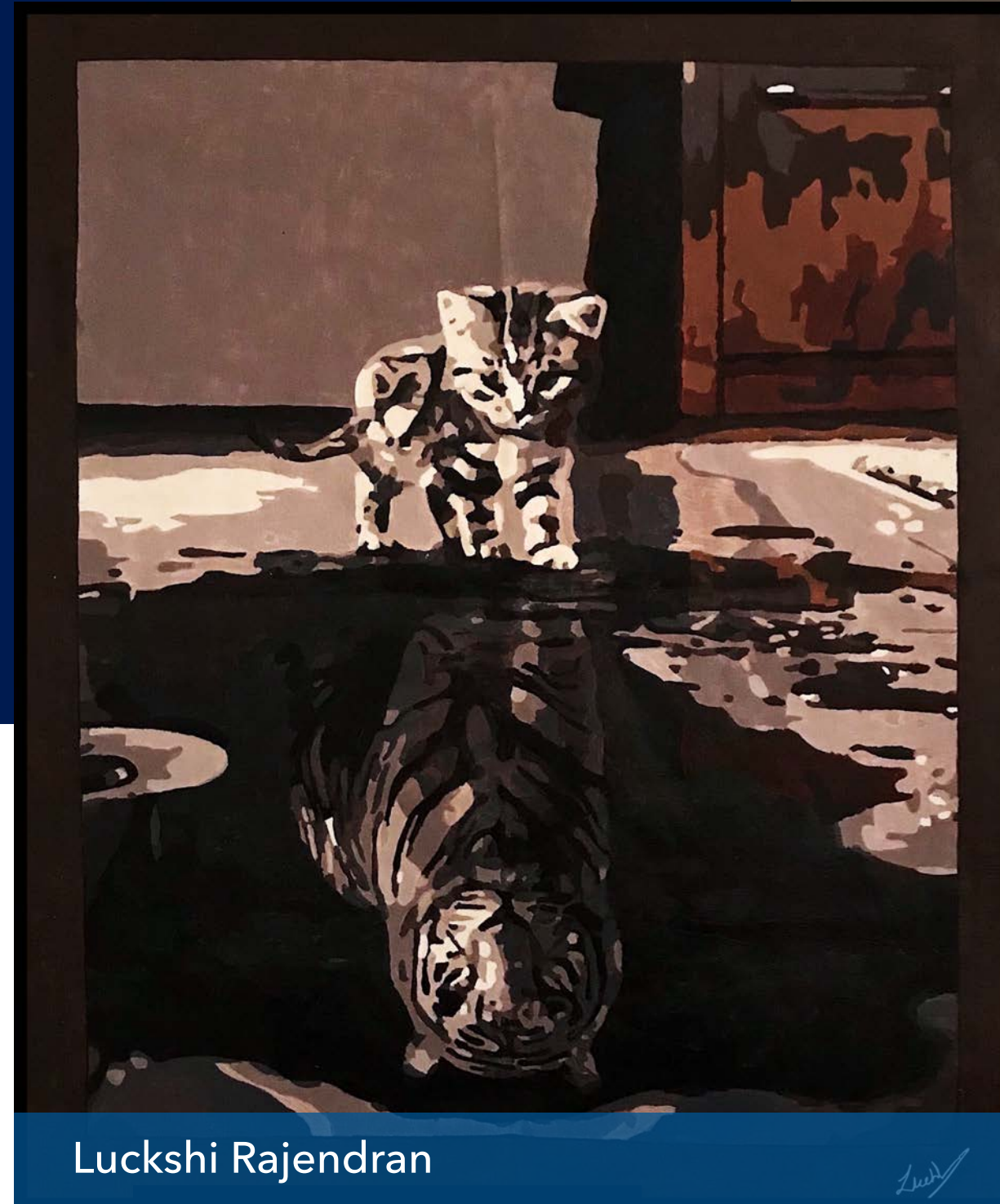
Ron Zuker



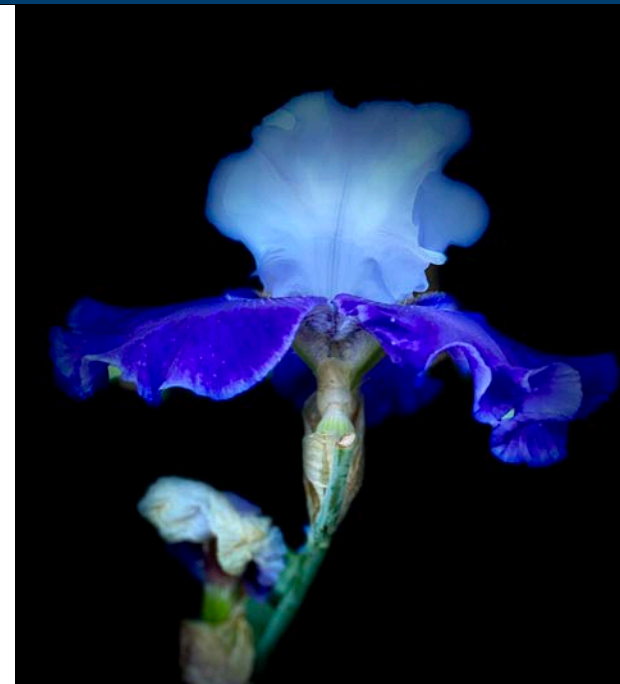
Han Yan



Joanna Giddens



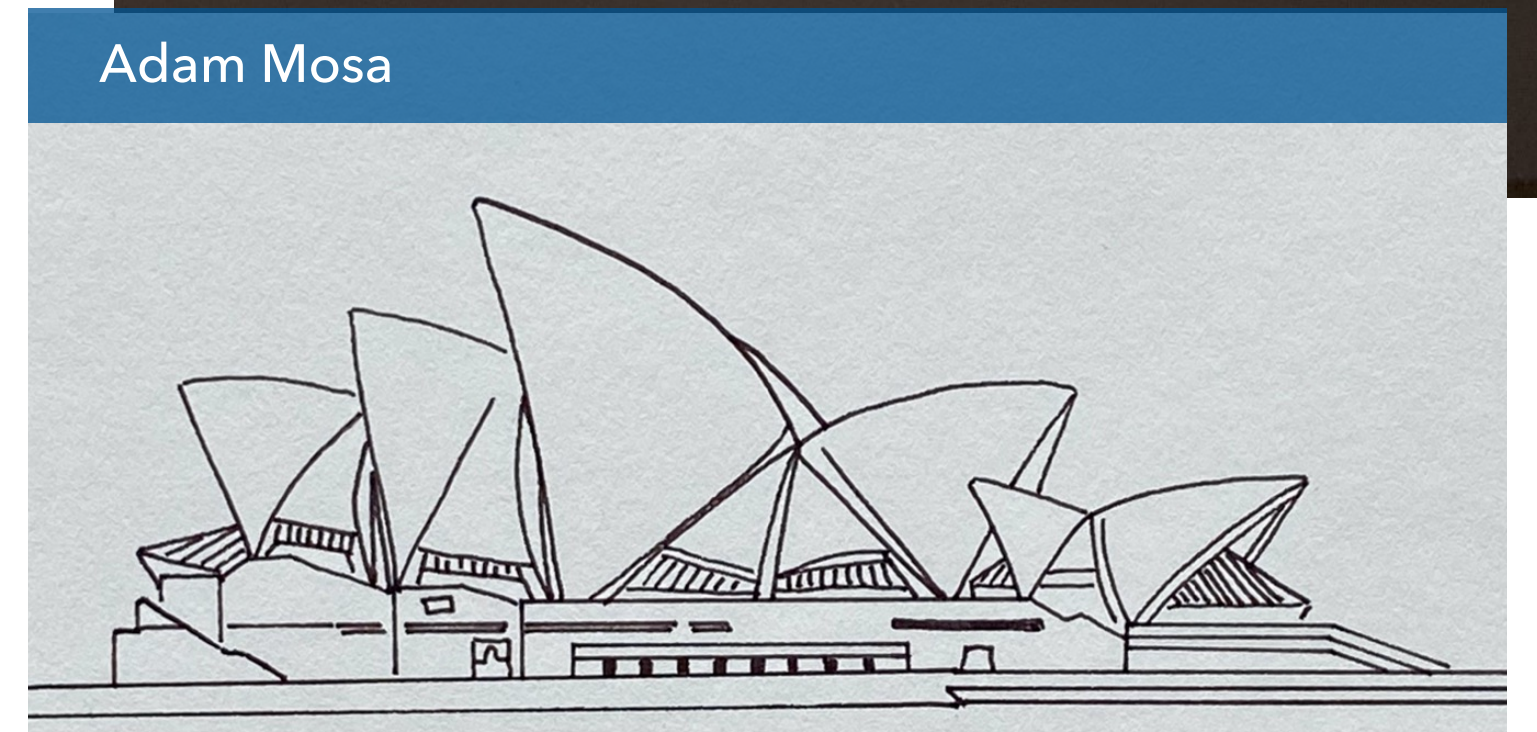
Luckshi Rajendran



Paul Muller



Laura Tate



Adam Mosa

Mind, azure, empty,
Winds rush storm-clouds overhead,
And sweep them away

Keegan Guidolin



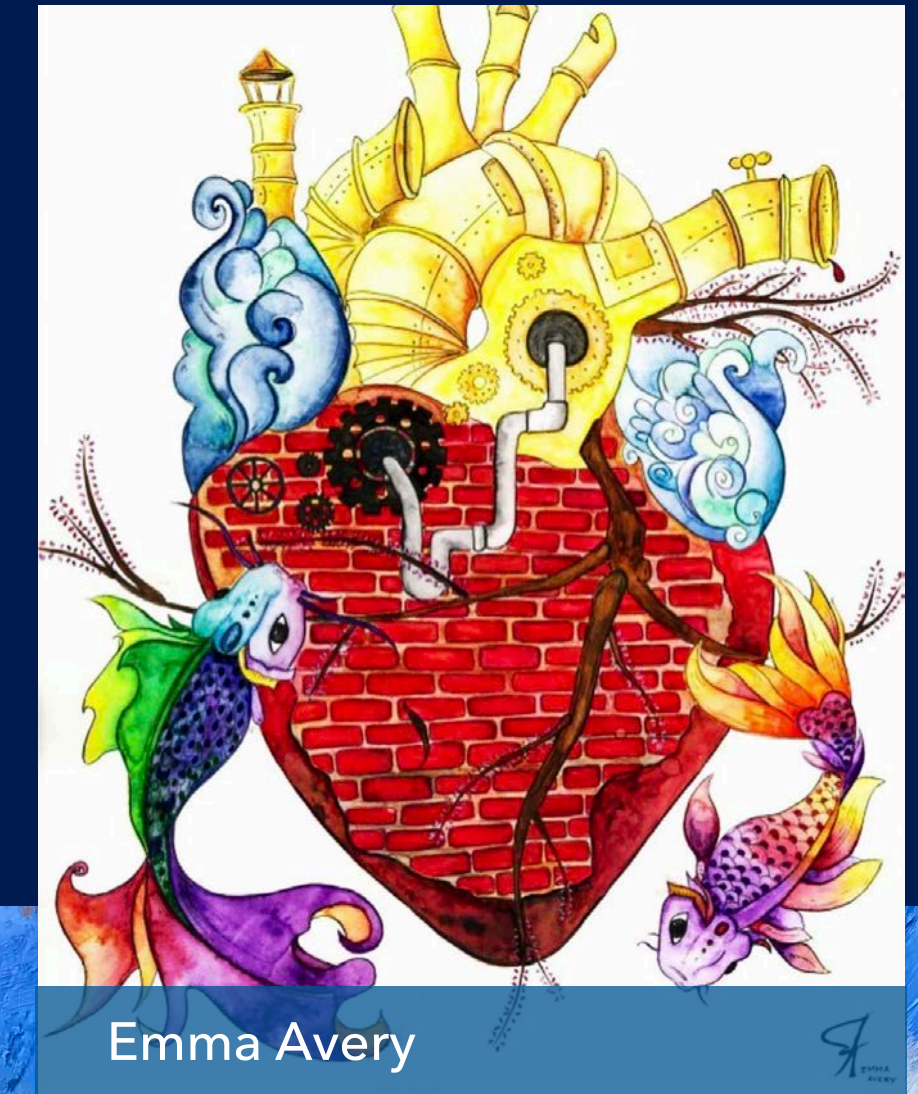
COVID-19 ART SHOWCASE



Christopher Forrest



Han Yan



Emma Avery



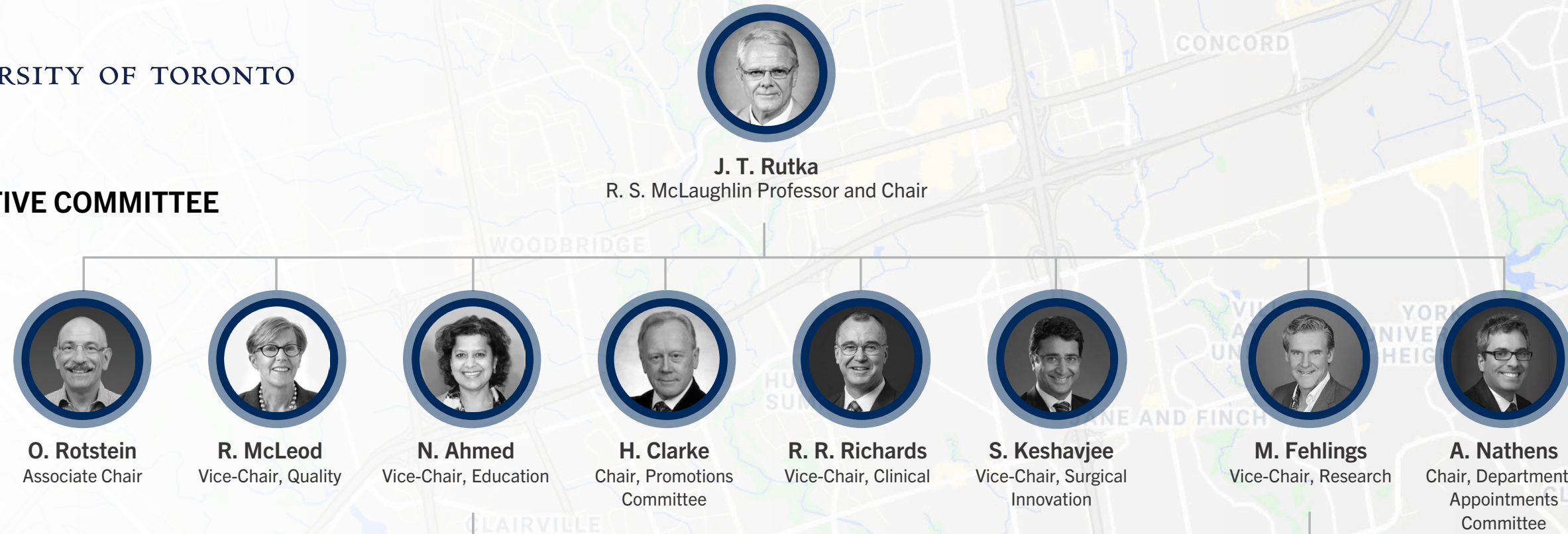
Darrell Oglivie-Harris



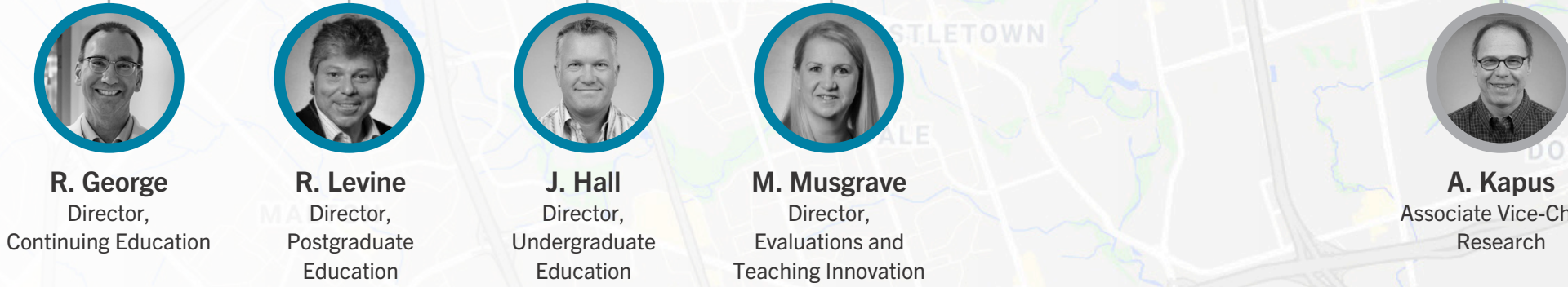
Robert Cartotto

2019-2020 LEADERSHIP

EXECUTIVE COMMITTEE



DIRECTORS

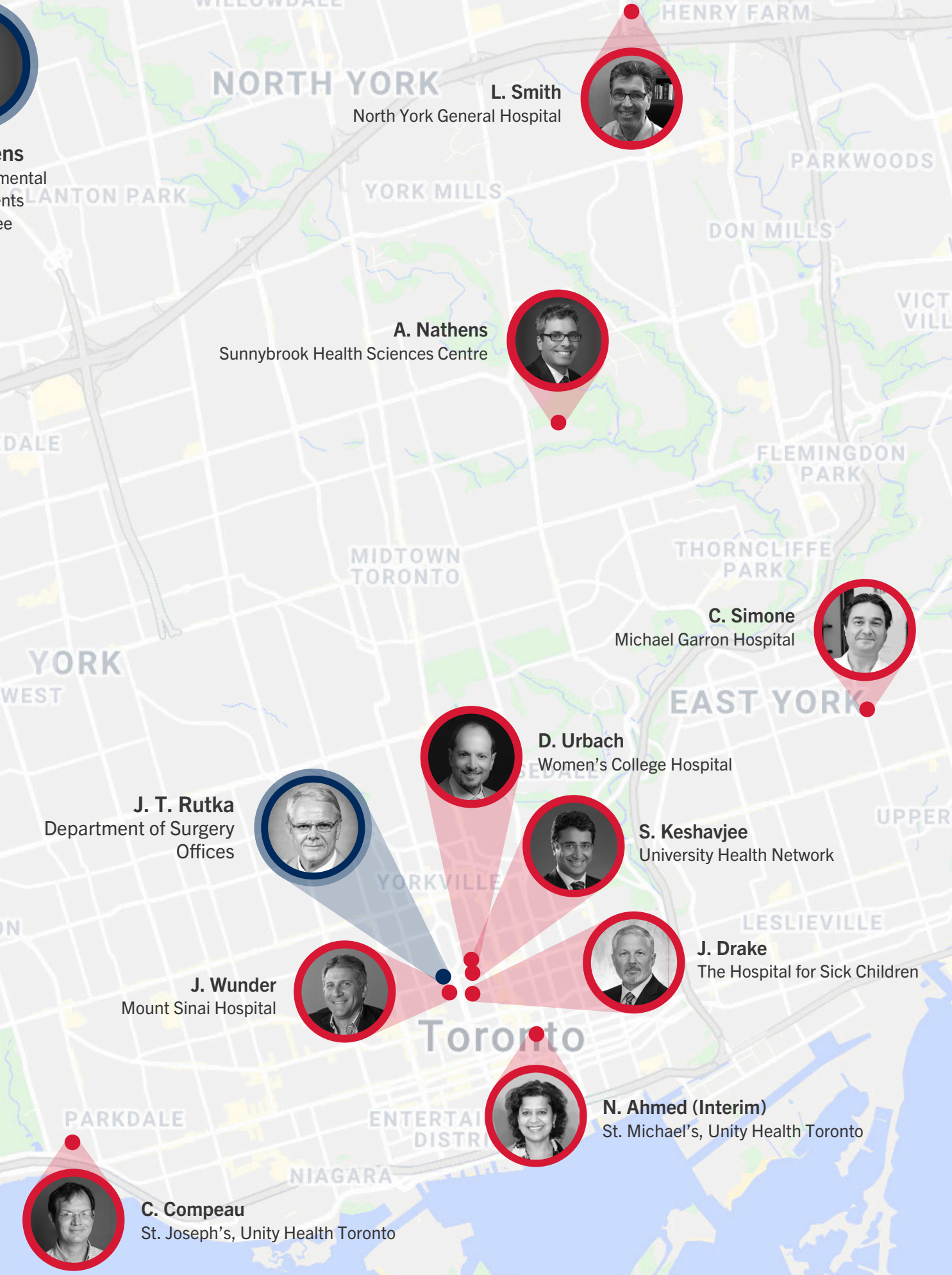


UNIVERSITY DIVISIONS CHAIRS



PROGRAM DIRECTORS

SURGEONS-IN-CHIEF (BY HOSPITAL LOCATION)





J. T. Rutka
R. S. McLaughlin Professor and Chair

EXECUTIVE COMMITTEE



O. Rotstein
Associate Chair



R. McLeod
Vice-Chair, Quality



N. Ahmed
Vice-Chair, Education



H. Clarke
Chair, Promotions
Committee



R. R. Richards
Vice-Chair, Clinical



S. Keshavjee
Vice-Chair, Surgical
Innovation



M. Fehlings
Vice-Chair, Research



A. Nathens
Chair, Departmental
Appointments
Committee

DIRECTORS



R. George
Director,
Continuing Education



R. Levine
Director,
Postgraduate
Education



J. Hall
Director,
Undergraduate
Education

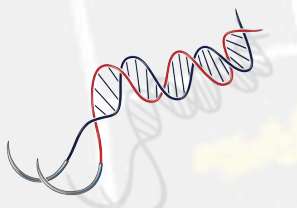


M. Musgrave
Director,
Evaluations and
Teaching Innovation

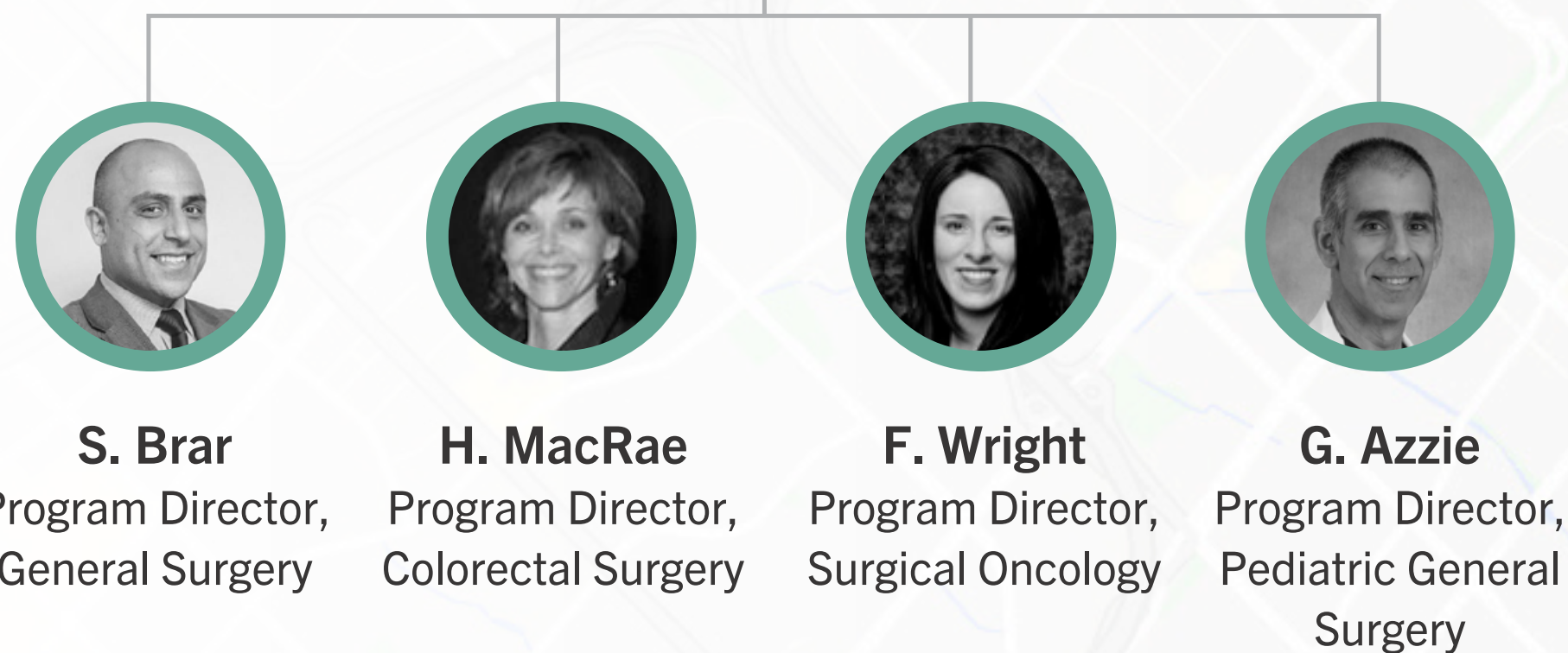
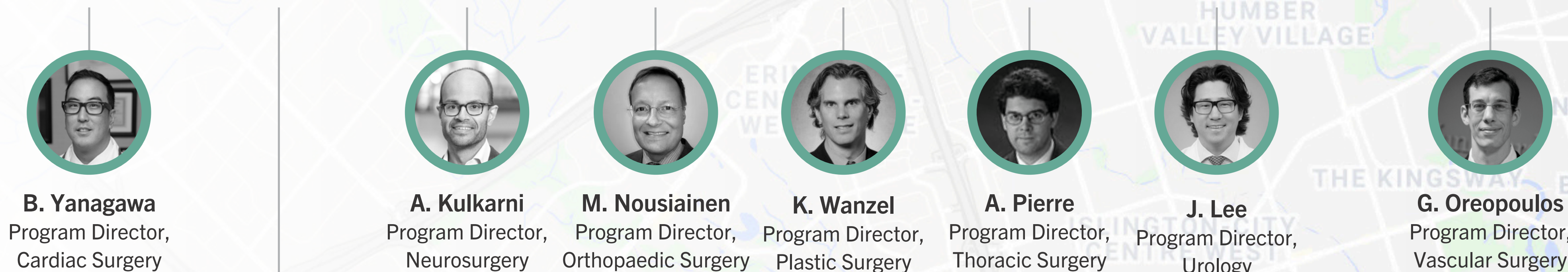
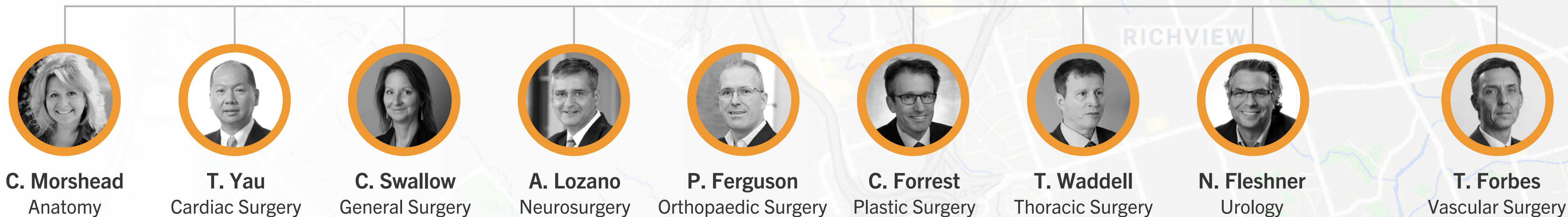


A. Kapus
Associate Vice-Chair,
Research

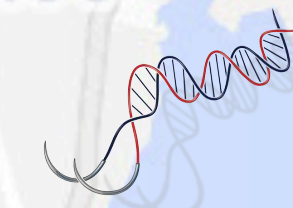
UNIVERSITY DIVISIONS CHAIRS



UNIVERSITY DIVISIONS CHAIRS



PROGRAM DIRECTORS



SURGEONS-IN-CHIEF (BY HOSPITAL LOCATION)



M. Fehlings
Vice-Chair, Research



A. Nathens
Chair, Departmental
Appointments
Committee



A. Kapus
Associate Vice-Chair,
Research



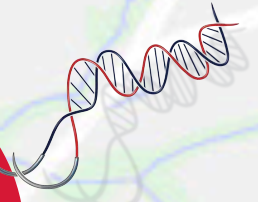
L. Smith
North York General Hospital

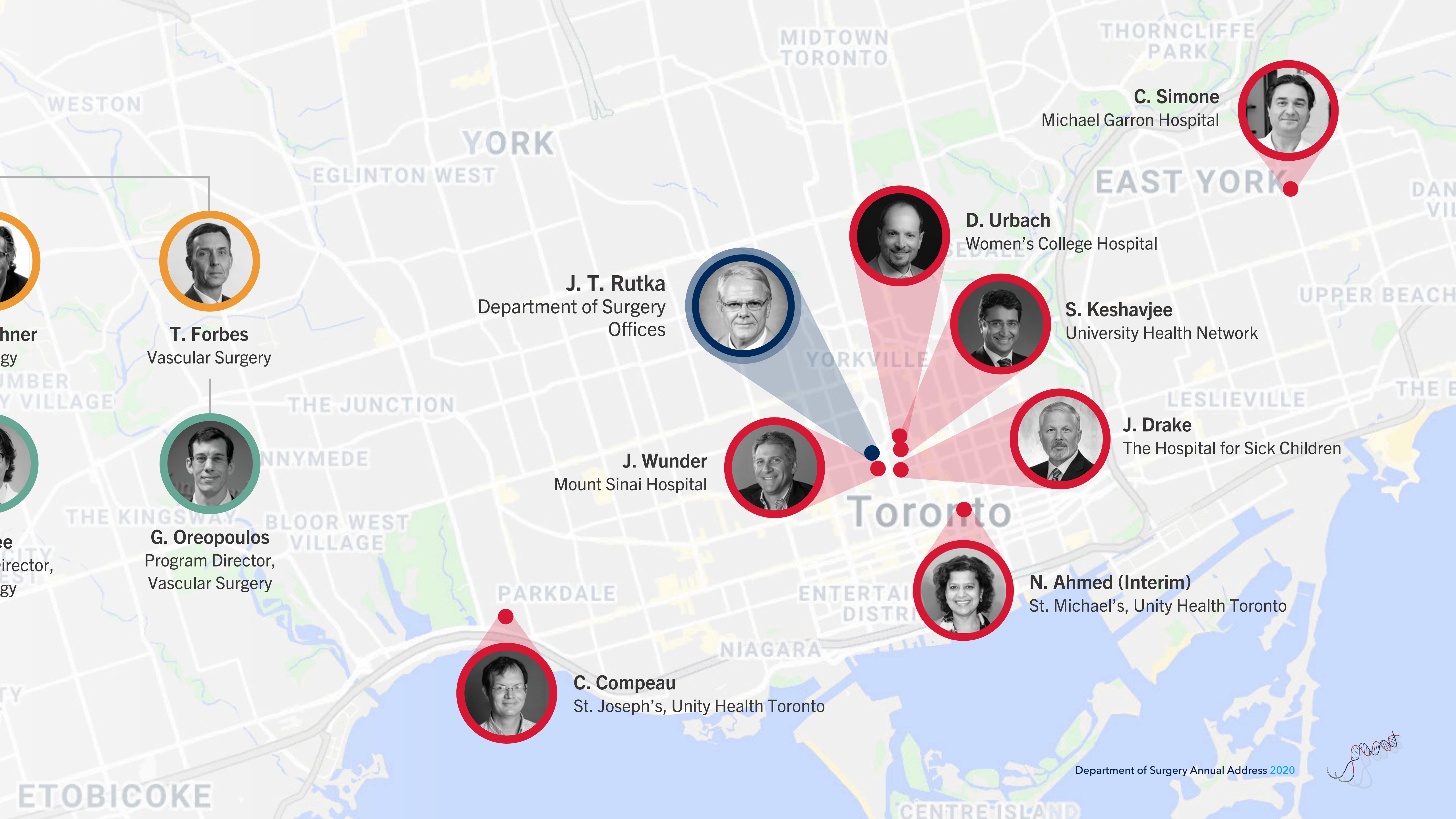


A. Nathens
Sunnybrook Health Sciences Centre



Department of Surgery Annual Address 2020
C. Simone
Michael Garron Hospital





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TY



T. Forbes
Vascular Surgery



G. Oreopoulos
Program Director,
Vascular Surgery



J. T. Rutka
Department of Surgery
Offices



J. Wunder
Mount Sinai Hospital



D. Urbach
Women's College Hospital



S. Keshavjee
University Health Network



J. Drake
The Hospital for Sick Children



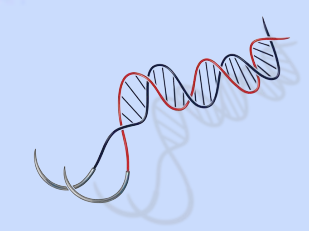
N. Ahmed (Interim)
St. Michael's, Unity Health Toronto



C. Compeau
St. Joseph's, Unity Health Toronto



C. Simone
Michael Garron Hospital





EDUCATION AND RESEARCH TEAM 2019-2020



Najma Ahmed
Vice Chair, Education



Michael Fehlings
Vice Chair, Research



Ralph George
Director, Continuing Education



Robin Richards
Chair, Internal Evaluations Committee



Oleg Safir
Director, Surgical Skills Centre



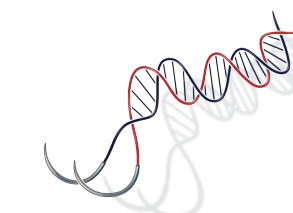
Jeremy Hall
Director, Undergraduate Education



Melinda Musgrave
Director, Education Evaluation



Ron Levine
Director, Postgraduate Education





PROGRAM DIRECTORS 2019-2020



Markku Nousiainen
Orthopaedics



Frances Wright
Surgical Oncology



Andrew Pierre
Thoracic Surgery



Sav Brar
General Surgery



Kyle Wanzel
Plastic & Reconstructive Surgery



Georges Azzie
Paediatric General Surgery



George Oreopoulos
Vascular Surgery



Jason Lee
Urology



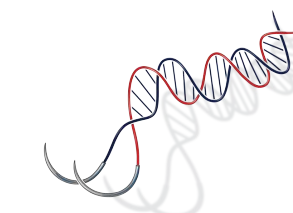
Bobby Yanagawa
Cardiac Surgery



Helen MacRae
Colorectal Surgery

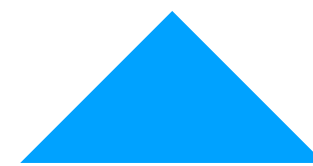


Ab Kulkarni
Neurosurgery



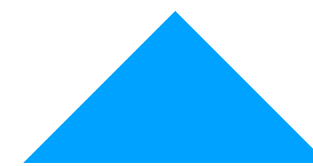


CHAIR RE-APPOINTMENTS



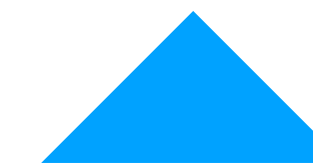
Tom Forbes

Division Chair, Vascular Surgery
Division of Vascular Surgery
University Health Network



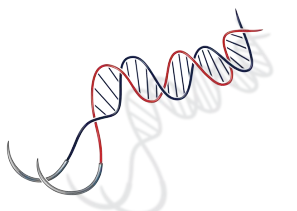
Avery Nathens

de Souza Chair
in Trauma Clinical Research
Division of General Surgery
Sunnybrook Health Sciences Centre



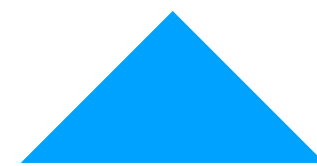
Carol Swallow

Bernard and Ryan Langer
Chair in General Surgery
Division of General Surgery
Mount Sinai Hospital



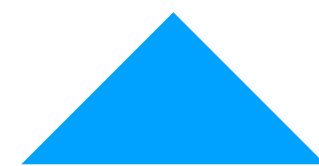


NEW CHAIR APPOINTMENTS



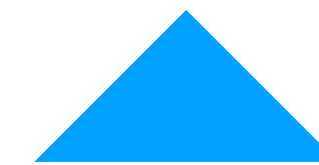
Peter Dirks

Harold J. Hoffman/Shoppers Drug Mart
Chair in Pediatric Surgery
Division of Neurosurgery
Hospital for Sick Children



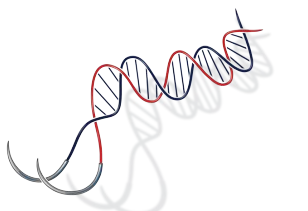
Tulin Cil

Gattuso Chair in Breast Surgical Oncology
Division of General Surgery
University Health Network



Gelareh Zadeh

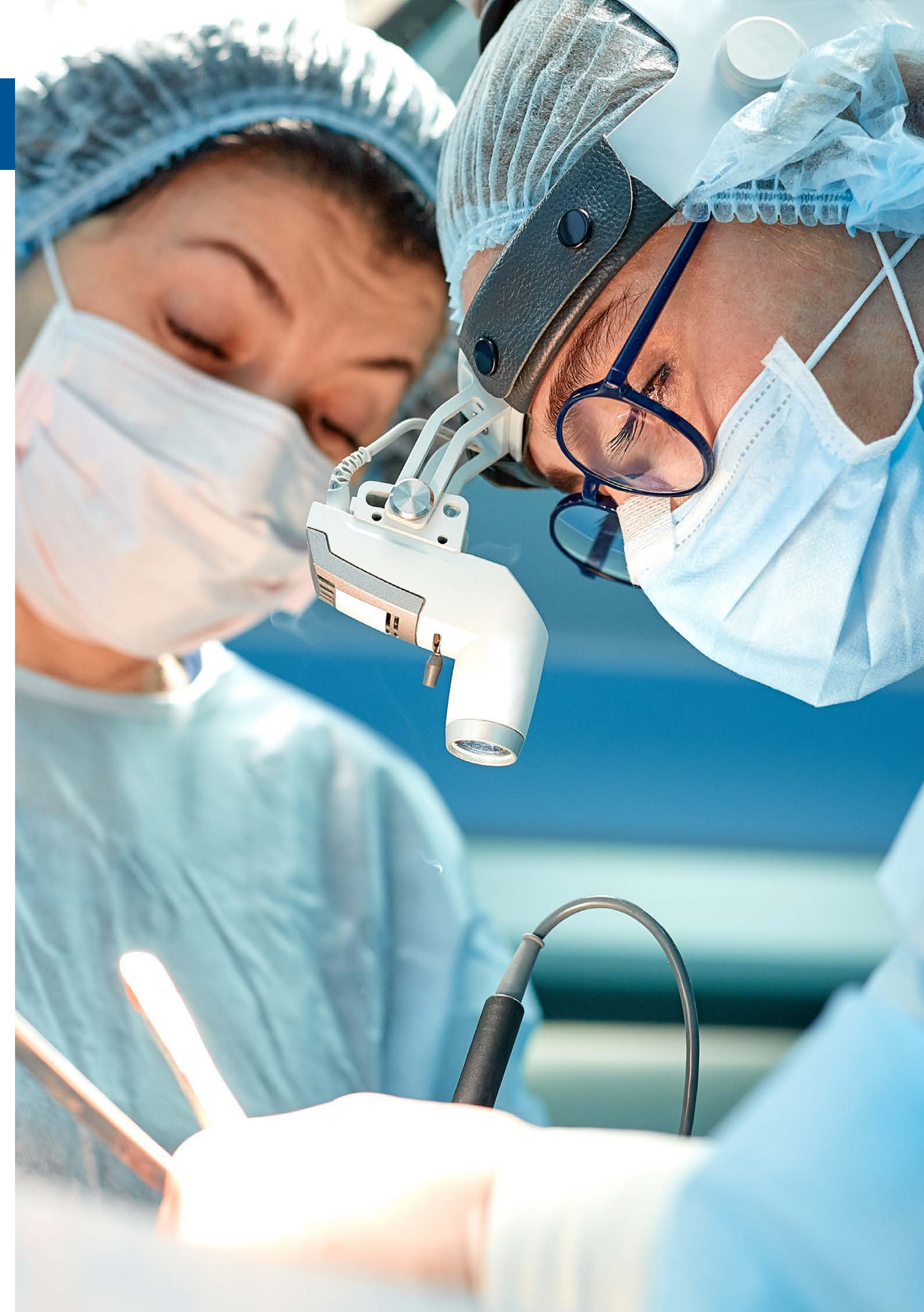
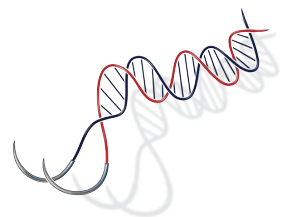
Dan Family Chair in Neurosurgery
Division of Neurosurgery
University Health Network





NEW KEY APPOINTMENTS

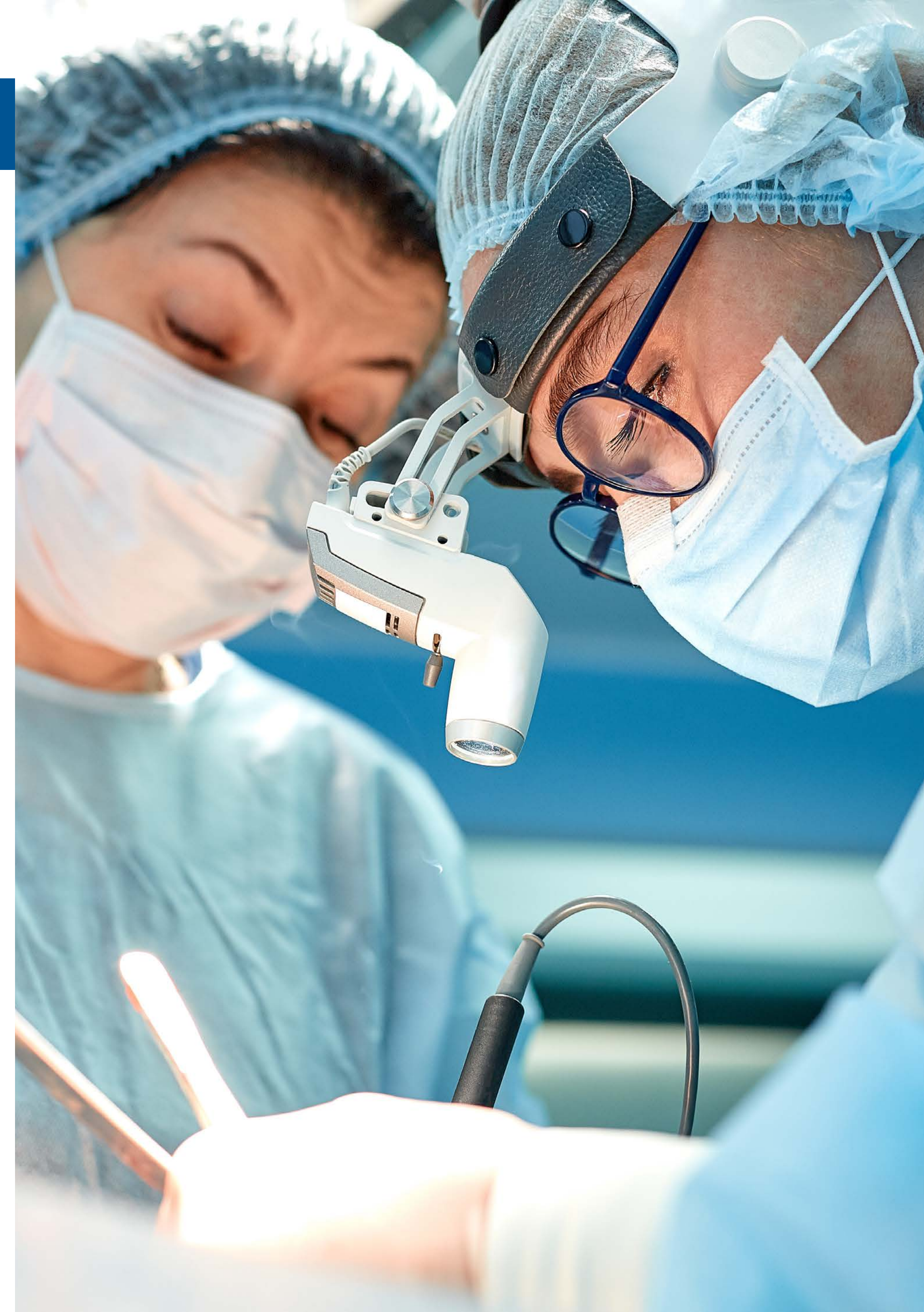
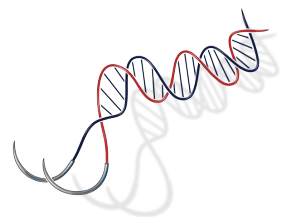
- **Jas Chahal** - Interim Hospital Head, Orthopaedics, WCH
- **Nancy Baxter** - Head of School of Population and Global Health, University of Melbourne
- **Gelareh Zadeh** - President of the Society for Neuro-Oncology
- **Gail Darling** - Editorial Board, Annals of Surgery
- **David Urbach** - Editorial Board, Annals of Surgery
- **Natalie Coburn** - Editorial Board, Annals of Surgery
- **Armando Lorenzo** - Hospital Head, Urology, HSC
- **Peter Dirks** - Hospital Head, Neurosurgery, HSC
- **Homer Tien** - President and CEO of ORNGE
- **Gregory Borschel** - President ASPN





NEW KEY APPOINTMENTS

- **Erin Kennedy** - Hospital head, General Surgery, MSH
- **Blake Murphy** - Interim Chief, Plastic & Reconstructive Surgery, SMH
- **Annie Fecteau** - Associate Chief, Quality and Safety, HSC
- **Simon Kelley** - Associate Chief, Perioperative Services, Clinical and Ambulatory, HSC
- **Abhayah Kulkarni** - Associate Chief, Education for Perioperative Services, HSC
- **Sharifa Himidan** - Chair of Pediatric Surgery Examination Board of Royal College of Surgeons
- **Mingyao Liu** - Director, IMS (*Re-appointment*)
- **Michael Taylor** - Royal Society of Canada Fellowship (*Elected*)





ACADEMIC PROMOTION - ASSOCIATE PROFESSOR



Tulin Cil

University Health Network
General Surgery



Suneil Kalia

University Health Network
Neurosurgery



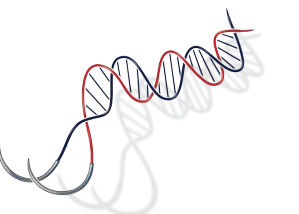
Nicole Look Hong

Sunnybrook Health Sciences Centre
General Surgery



Catherine O'Brien

University Health Network
General Surgery



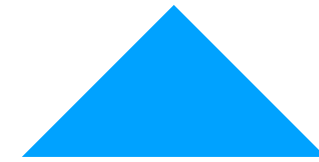


ACADEMIC PROMOTION - ASSOCIATE PROFESSOR



Anne O'Neill

University Health Network
Plastic and Reconstructive
Surgery



George Oreopoulos

University Health Network
Vascular Surgery



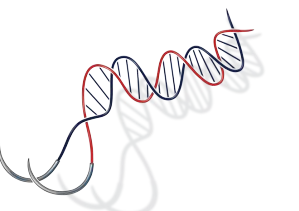
Ivan Radovanovic

University Health Network
Neurosurgery



Rajiv Singal

Michael Garron Hospital
Urology



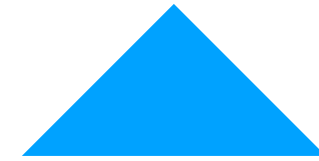


ACADEMIC PROMOTION - PROFESSOR



Robert Cusimano

University Health Network
Cardiac Surgery



Joel Fish

Hospital for Sick Children
Plastic and Reconstructive Surgery



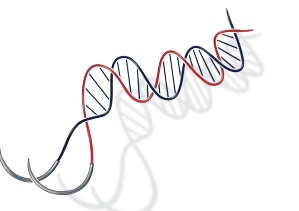
Mohit Kapoor

University Health Network
Orthopaedic Surgery



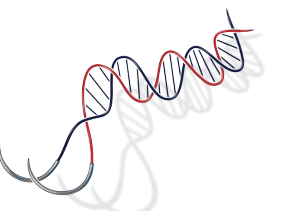
Erin Kennedy

Mount Sinai Hospital
General Surgery



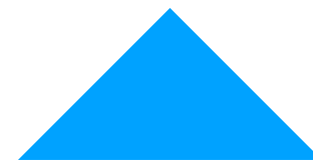


PROMOTEES ZOOM CELEBRATION DINNER



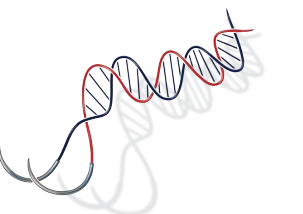


ACADEMIC PROMOTION - PROFESSOR EMERITUS



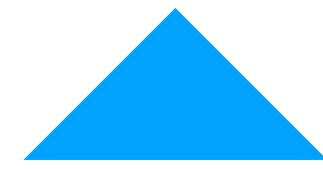
William Williams

Director of CHSS Data Center
Cardiac Surgery



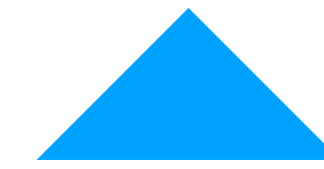


TRANSITIONS FROM CLINICAL PRACTICE!



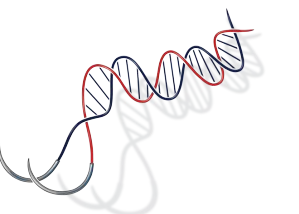
James Mahoney

St. Michael's, Unity Health Toronto
Plastic and Reconstructive Surgery



Bernd Neu

North York General Hospital
Plastic and Reconstructive Surgery



CONTINUING APPOINTMENT REVIEWS 2019-2020



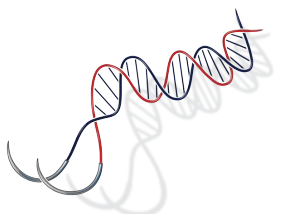
Nir Lipsman CAR, September 2019

From L-R: Avery Nathens, Nir Lipsman, Andre Lozano



Savtaj Brar CAR, January 2020

From L-R: Jay Wunder, Savtaj Brar, Carol Swallow, Najma Ahmed, Erin Kennedy



CONTINUING APPOINTMENT REVIEWS 2019-2020



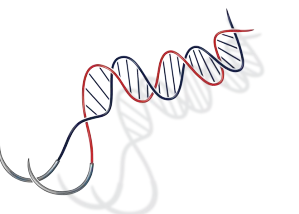
Jeff Wilson CAR, January 2020

From L-R: Najma Ahmed, Julian Spears, Jeff Wilson, Michael Fehlings, Ori Rotstein



Amit Atrey CAR, March 2020

From L-R: Ori Rotstein, Amit Atrey

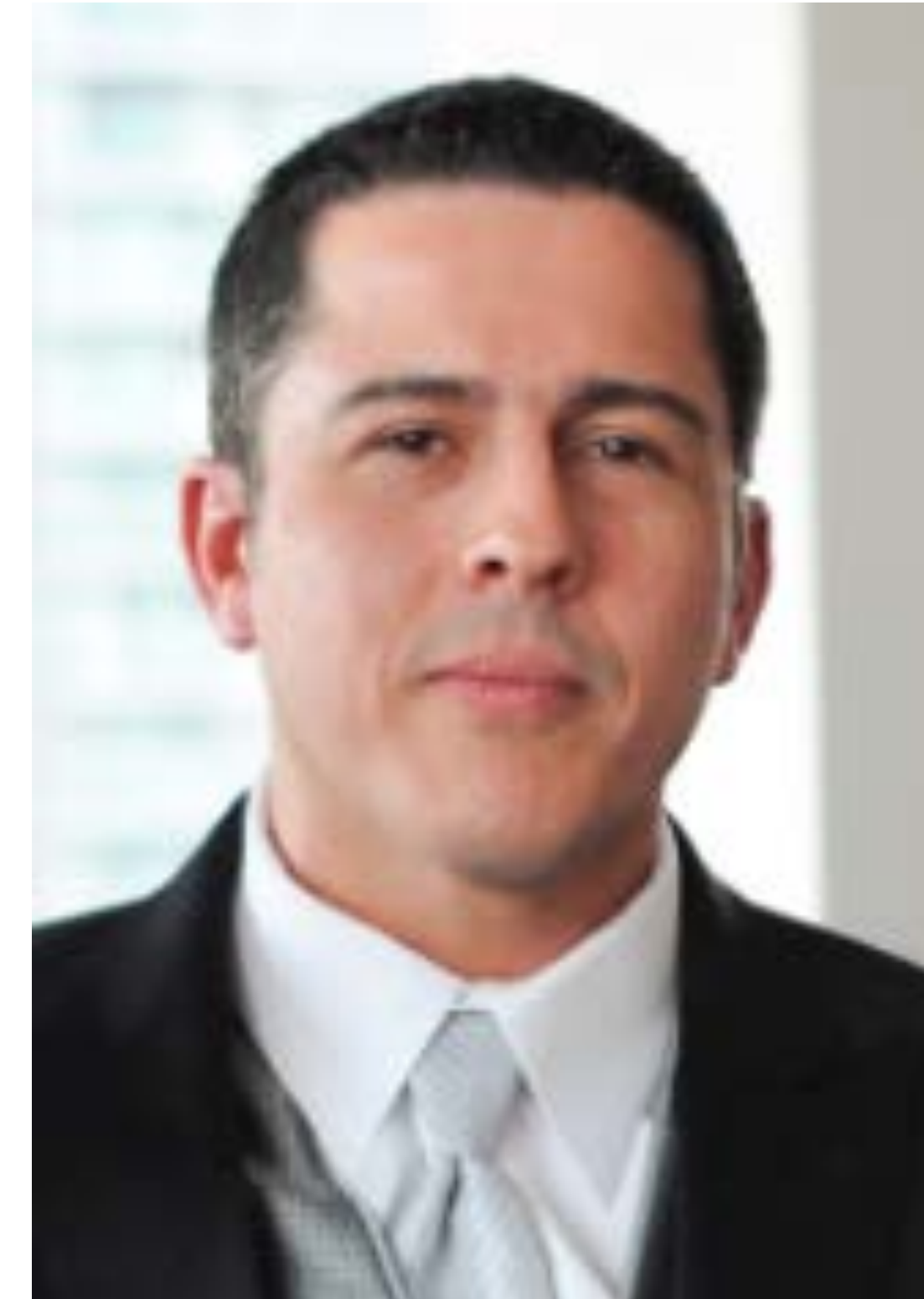


CONTINUING APPOINTMENT REVIEWS 2019-2020



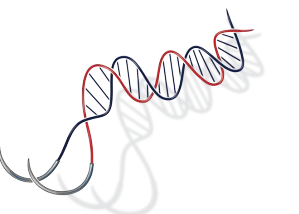
Sami Chadi CAR, February 2020

From L-R: Carol Swallow, Sami Chadi, Allan Okrainec, Shaf Keshavjee



Luis DaLuz CAR, 2020

Pictured: Luis DaLuz



CONTINUING APPOINTMENT REVIEWS 2019-2020



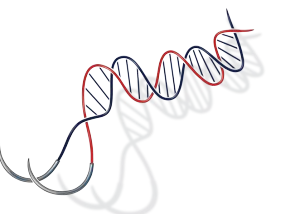
Barbara Haas CAR, February 2020

From L-R: Shady Ashamalla, Carol Swallow, Barbara Haas, Avery Nathens, Laurent Brochard

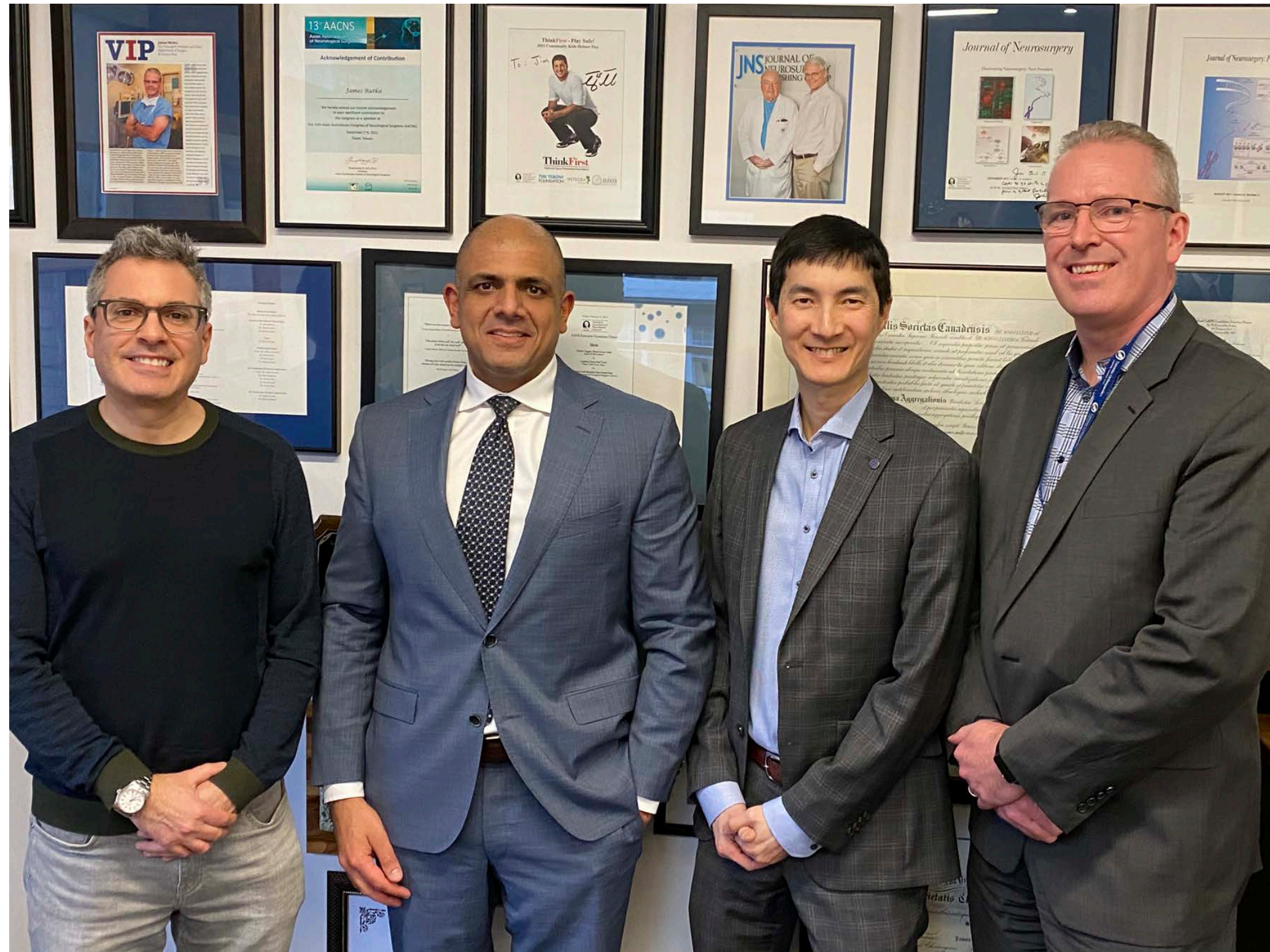


Tim Leroux CAR, February 2020

From L-R: Peter Ferguson, Tim Leroux, Shaf Keshavjee, Christian Veillette

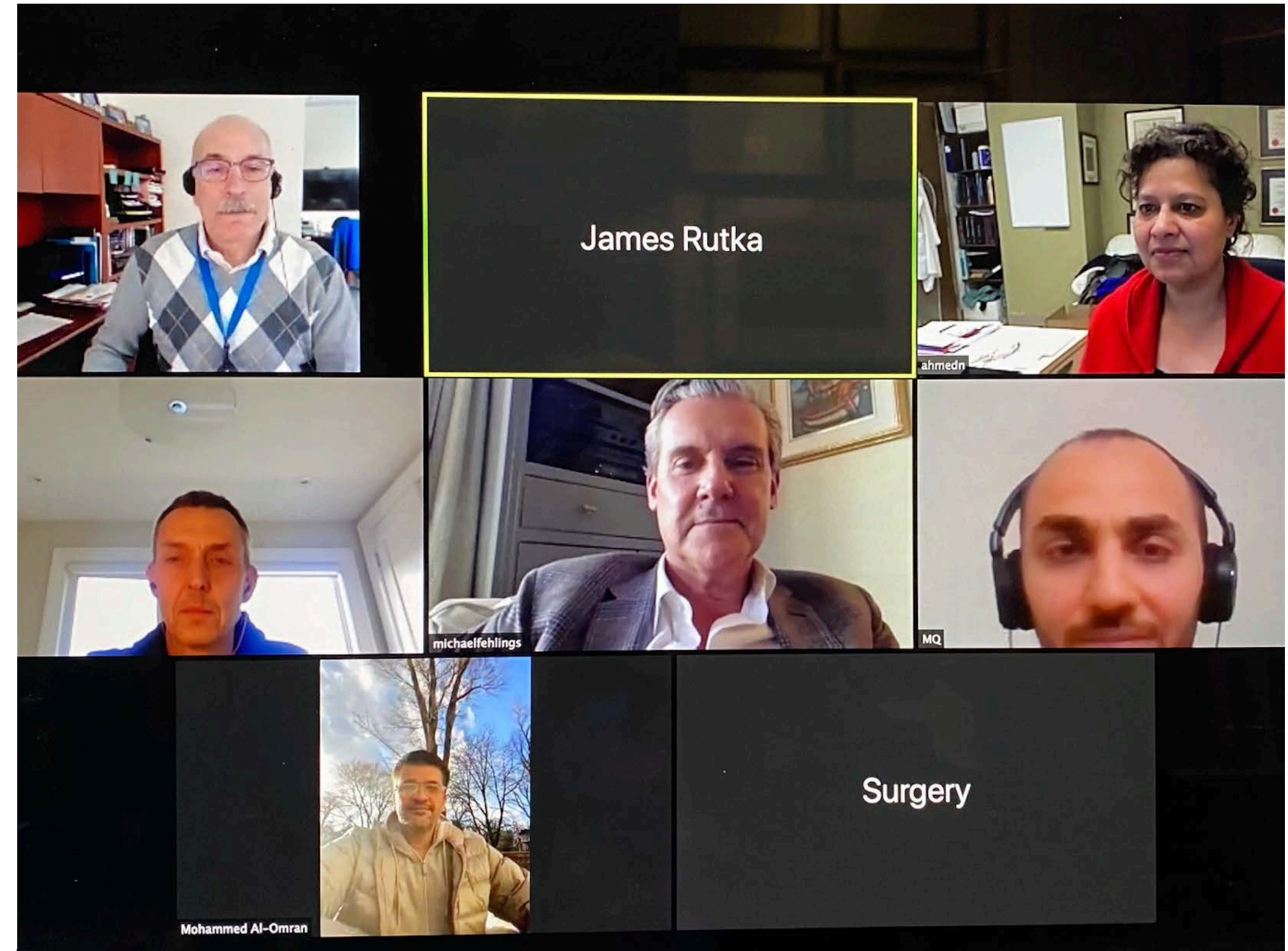


CONTINUING APPOINTMENT REVIEWS 2019-2020



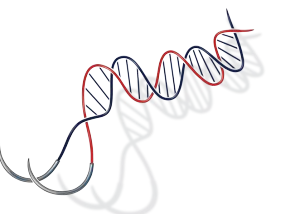
Bheeshma Ravi CAR, March 2020

From L-R: Avery Nathens, Bheeshma Ravi, Albert Yee and Peter Ferguson



Mohammad Qadura CAR, March 2020

Top row L-R: Ori Rotstein, Najma Ahmed, Middle row L-R: Tom Forbes, Michael Fehlings, Mohammad Quadura, Bottom row: Mohammed Al-Omran



IN MEMORIAM



Keith Moore

Division of Anatomy
1925 - 2019



Robin Humphreys

Division of Neurosurgery
1937 - 2020



Todd Mainprize

Division of Neurosurgery
1970 - 2020



Robert Filler

Division of General Surgery
1931 - 2020

PART-TIME

Christopher Peskun (Orthopaedic Surgery)

Sayf Gazala (Thoracic Surgery)

Mark Zarnett (Orthopaedic Surgery)

Andreas Tassis (General Surgery)

Bojana Radovanovic (Vascular Surgery)

Dmitry Tsvetkov (Orthopaedic Surgery)

Hanmu Yan (Urology)

Leslie Spevack (General Surgery)

Victoria Cheung (Thoracic Surgery)

Sydney Wong (Vascular Surgery)

ADJUNCT

Daniel Abramowitz (General Surgery)

Petar Erdeljan (Urology)

Kristina Lisk (Anatomy)

Shahnoor Ullah (General Surgery)

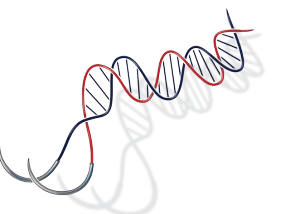
David Walmsley (Orthopaedic Surgery)

STATUS

Emil Schemitsch (Orthopaedic Surgery)

Michael Fraser (Urology)

Adele Changoor (Orthopaedic Surgery)



FULL-TIME



Andrea Chan
University Health Network
Plastic & Reconstructive Surgery



Jeremy Larouche
Sunnybrook Health Sciences Centre
Orthopaedic Surgery



Jana Dengler
Sunnybrook Health Sciences Centre
Plastic & Reconstructive Surgery



Reto Baertschiger
Hospital for Sick Children
General Surgery



Ashlie Nadler
Sunnybrook Health Sciences Centre
General Surgery



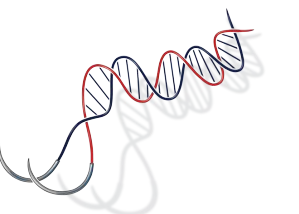
Blayne Sayed
Hospital for Sick Children
General Surgery



Kim Tsoi
Mount Sinai Hospital
Orthopaedic Surgery



Laura Donohoe
University Health Network
Thoracic Surgery



FULL-TIME



Harman Chaudry
Sunnybrook Health Sciences Centre
Orthopaedic Surgery



Raman Mundi
Sunnybrook Health Sciences Centre
Orthopaedic Surgery



Andrew Beckett
St. Michael's Hospital
General Surgery



Christopher Witiw
St. Michael's Hospital
Neurosurgery



Si-Hyeong Park
Women's College Hospital
Orthopaedic Surgery



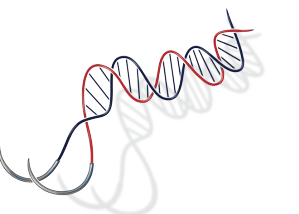
Ryan Paul
University Health Network
Plastic & Reconstructive Surgery



Ashish Kumar
Sunnybrook Health Sciences Centre
Neurosurgery



David Barron
Hospital for Sick Children
Cardiac Surgery





ADVANCEMENT

A Banner Year in the Department of Surgery!



ADVANCEMENT HIGHLIGHTS 2019-2020



Effy Ordon
Senior Development Officer
Department of Surgery

\$2,914,119 in new pledges and gifts

326 unique donors (majority alumni and faculty), **415** pledges, and **31** major donors (\$25,000+)

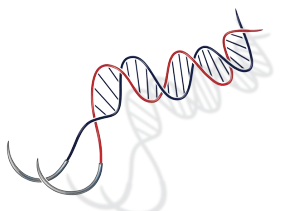
Creation of ***Hold'em For Life Fellowships*** in partnership with the Princess Margaret Cancer Foundation which benefits the Surgeon Scientist Training Program (SSTP)

Established the ***Mark Daniels Fund in Vascular Research***

Established the ***Angelo and Christina Marzilli SSTP Scholarship***

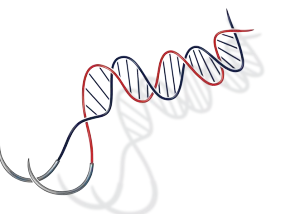
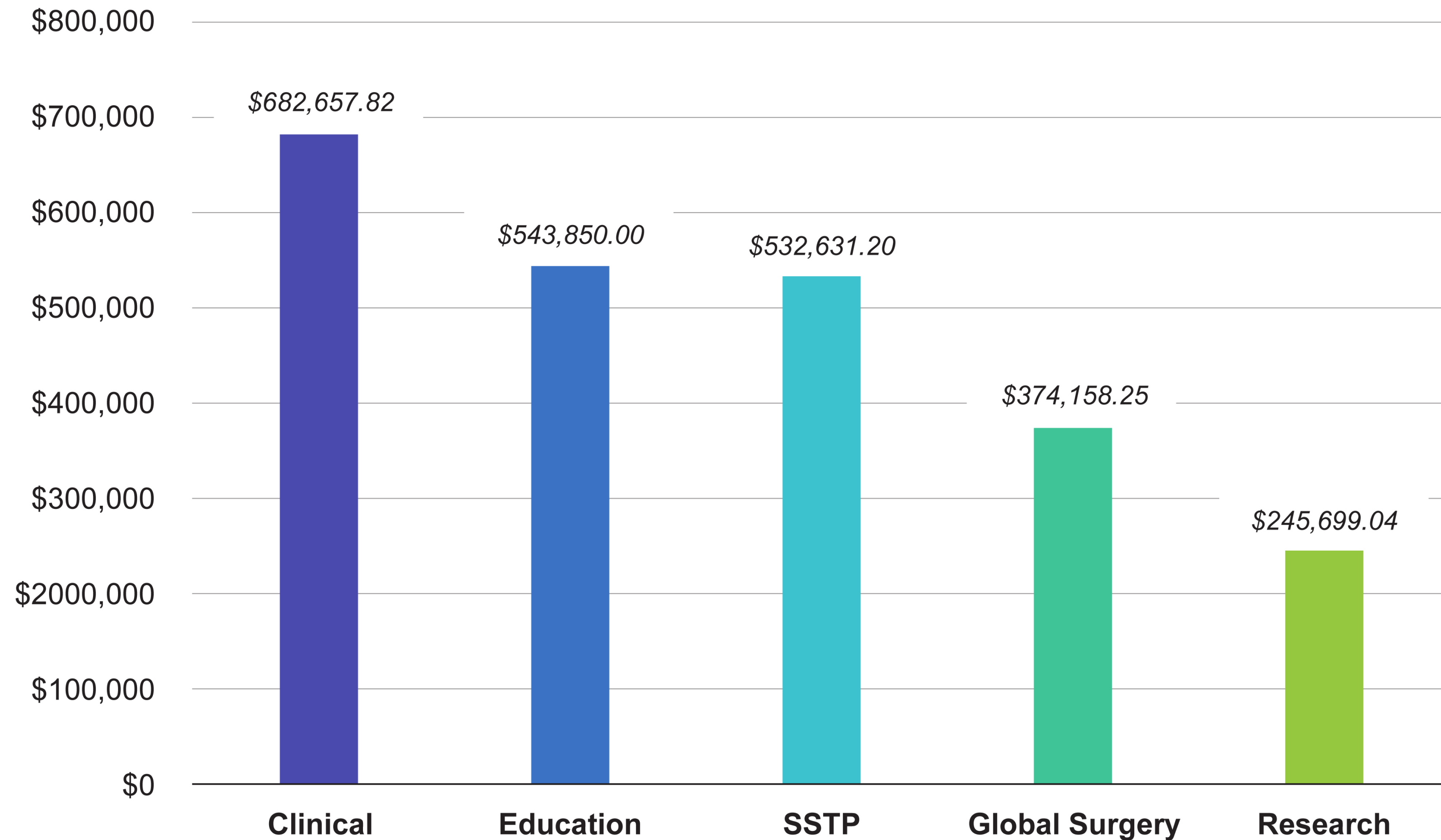
Endowed the ***Dr. Wayne Carman Surgeon Scientist Trainee Award***

Endowed the ***Dr. Robert Maggisano SSTP Scholarship***





BREAKDOWN OF FUNDING 2019-2020





MCCAIN GENITOURINARY (GU) BIOBANK CELEBRATION

October 17th, 2019



David Palmer, James Rutka, Trevor Young, Meric Gertler, Michael McCain, Princess Margaret Cancer Centre UHN | Jill Kantelberg, Neil Fleshner, Kevin Smith and Michael Burns

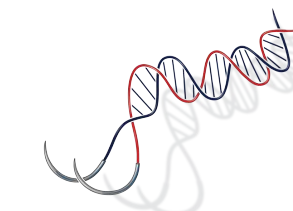
14



Neil Fleshner, Michael McCain, and Kevin Smith



10





2018-2023 STRATEGIC PLAN



RESEARCH

Integrated research for clinical and academic excellence



EDUCATION

Educational excellence through novel approaches to teaching and learner engagement



BEST PRACTICE

Optimize patient and clinical outcomes through the provision of high-quality, person-centered care



GLOBAL OUTREACH

Consolidated partnerships and expertise for local, national and international impact



INNOVATION

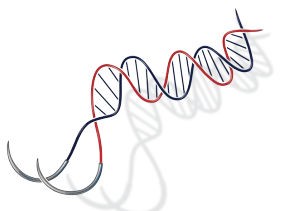
Translation of novel discoveries into surgical practice



FACULTY DEVELOPMENT

Faculty members achieving their maximum potential in both professional and personal domains

Supporting Strategies: Communication, Awards and Evaluations, Advancement





2020 RESEARCH COMMITTEE



Dr. Michael Fehlings
Vice Chair Research, Surgery
Neurosurgery
TWH, UHN



Mrs. Val Cabral
Research Program Manager



Dr. Douglas Cheung
Urology
PhD SSTP



Dr. Marcelo Cypel
Thoracic Surgery
TGH, UHN



Dr. Kristen Davidge
Plastic & Reconstructive Surgery
Sick Kids



Dr. Peter Dirks
Neurosurgery
Sick Kids



Dr. Thomas Forbes
Chair, Vascular Surgery
TGH-UHN



Dr. Rebecca Gladdy
Surgical Oncologist
Mount Sinai Hospital



Dr. Laureen Hachem
Neurosurgery
PhD SSTP



Dr. Marc Jeschke
Director, Translational Research
Plastic & Reconstructive Surgery
SHSC



Dr. Andras Kapus
Associate Vice Chair
Research



Dr. Paul Karanicolas
General Surgery
Sunnybrook



Dr. Girish Kulkarni
Urology
PMH-UHN



Dr. Ren-Ke Li
Cardiovascular Surgery
UHN



Dr. Andrea McCart
General Surgery
Mount Sinai Hospital



Ms. Effy Ordon
Senior Development Officer
Advancement Office
Faculty of Medicine
University of Toronto



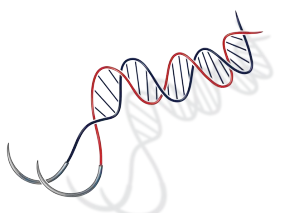
Dr. James Rutka
Chair, Department of Surgery
Neurosurgery
Sick Kids



Dr. Hong-Shuo Sun
Associate Professor
Anatomy



Dr. Albert Yee
Orthopaedics
OS Vice Chair Research
SHSC

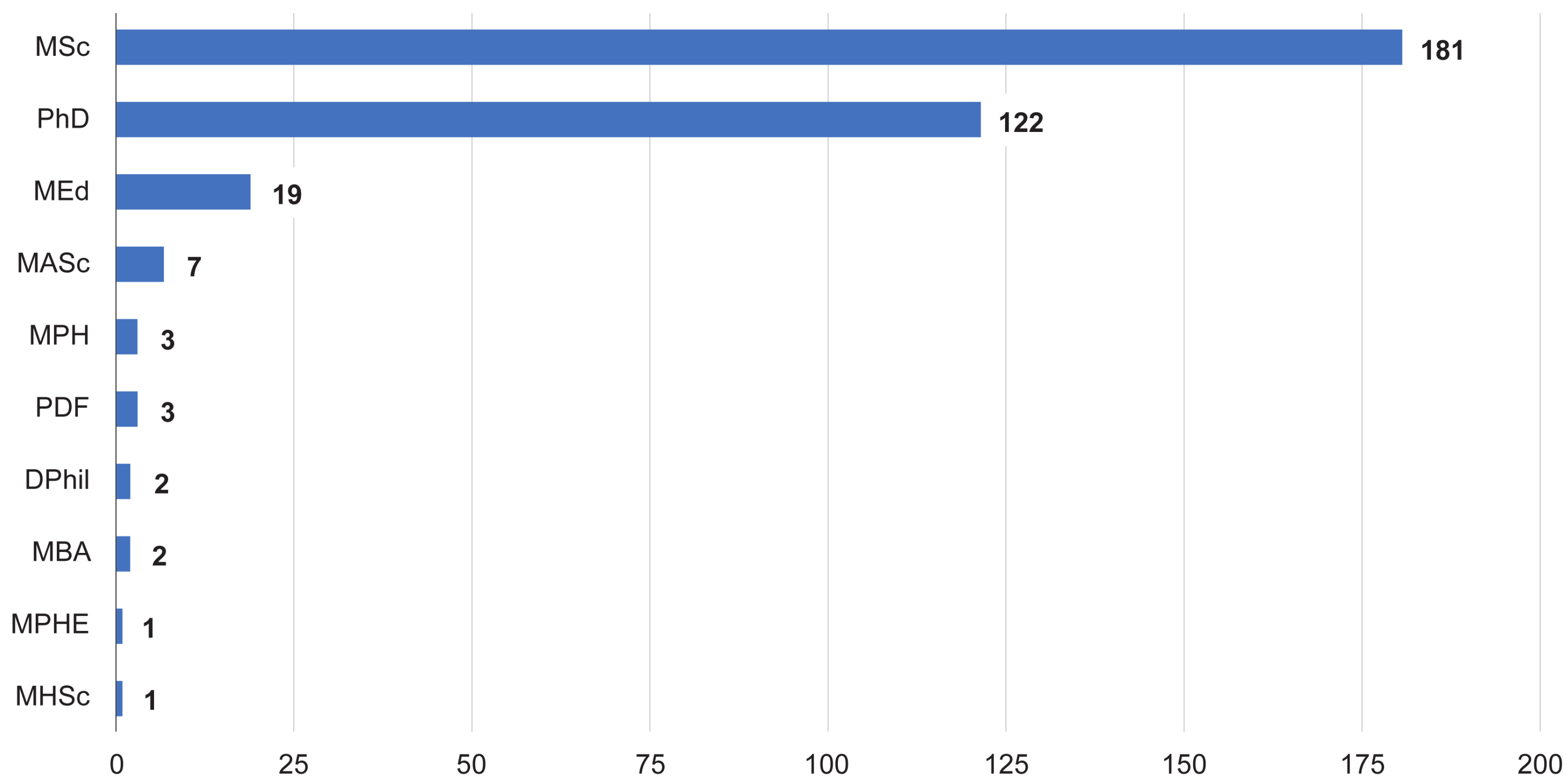




SSTP/SIS GRADUATE SURVEY 2020

Total enrolled since 1983: 448

Degrees received

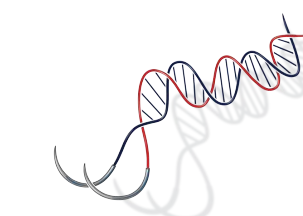


July 2020 enrolled:

| | |
|--------------|-----------|
| Continuing | 39 |
| New | 10 |
| Total | 49 |

Scholarship in Surgery (SIS):

| | |
|-----|---|
| MPH | 1 |
| MSc | 1 |
| MBA | 3 |



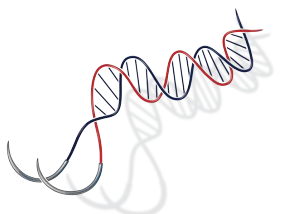
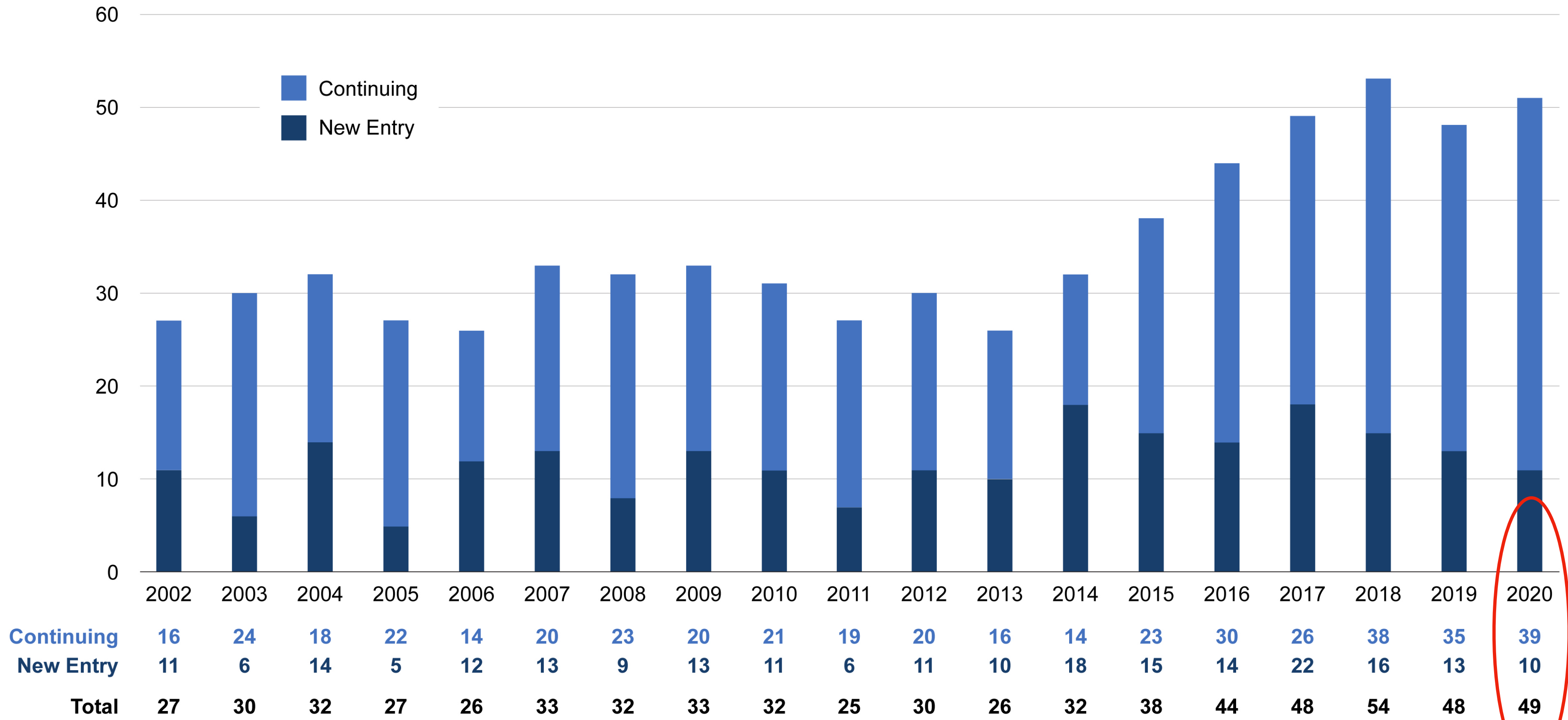


SSTP TRAINING PROGRAM 2002-2020

SSTP 2020

39 Continuing

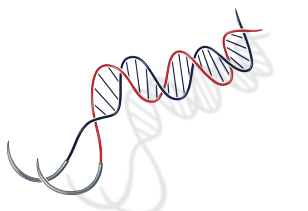
10 New Applicants





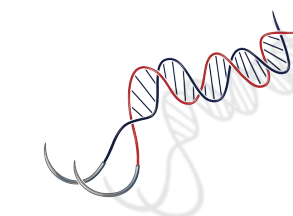
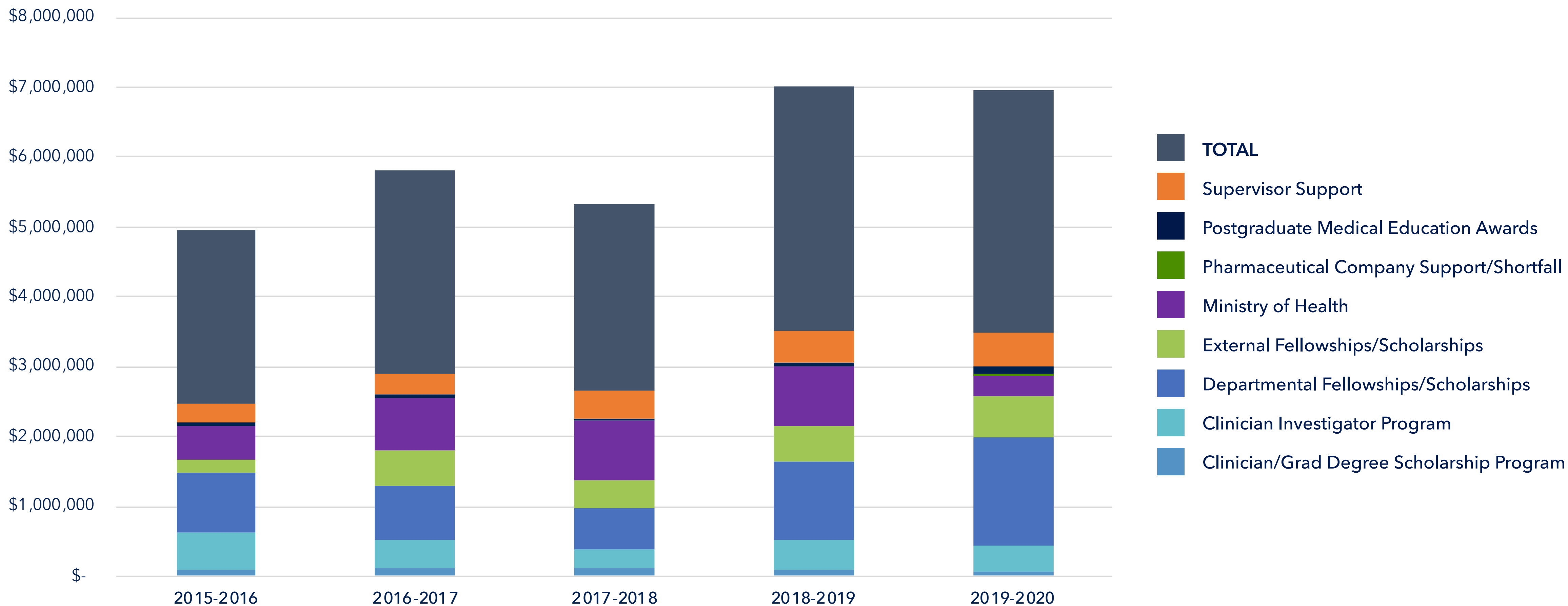
SSTP TRAINING PROGRAM 2020

| DIVISION | Masters | PhD |
|----------------------------------|---------|-----|
| Cardiac Surgery | 1 | 1 |
| General Surgery | 6 | 12 |
| Neurosurgery | 2 | 15 |
| Orthopaedics | 1 | 1 |
| Otolaryngology | 0 | 1 |
| Plastic & Reconstructive Surgery | 2 | 2 |
| Urology | 0 | 1 |
| Vascular Surgery | 2 | 2 |





SSTP TRAINING PROGRAM FUNDING





NEW SSTP AWARDS



Wayne Carman

Wayne Carman Surgeon Scientist Trainee Award

Plastic & Reconstructive Surgery



Giuseppe Papia

Angelo & Christina Marzilli Scholarship in Vascular Surgery

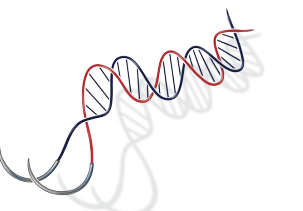
Vascular Surgery



Robert Maggisano

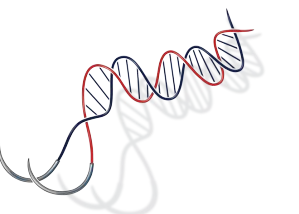
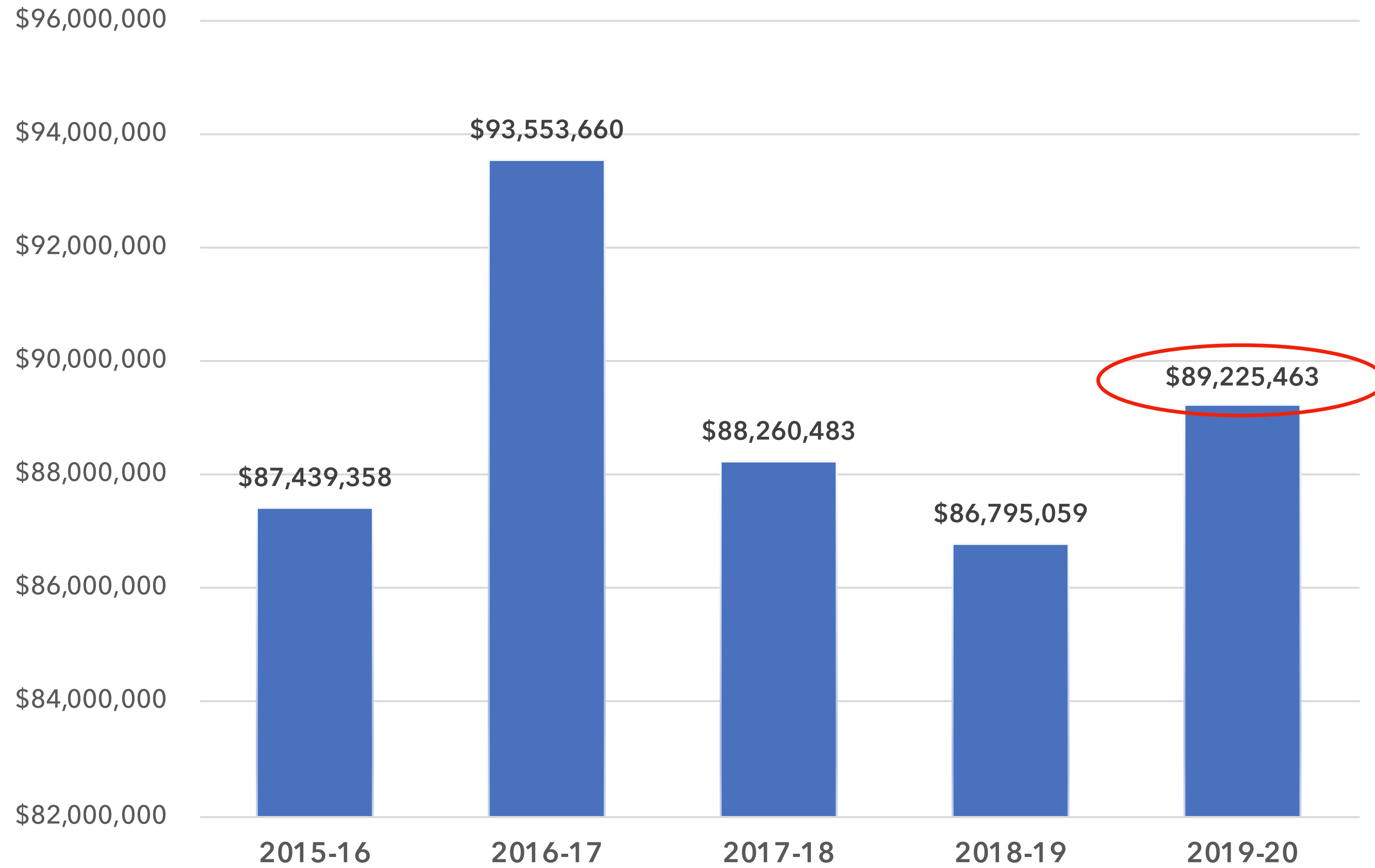
Robert Maggisano SSTP Scholarship in Vascular Surgery

Vascular Surgery





RESEARCH GRANTS & CONTRACTS 2015-2019





HIGH IMPACT PUBLICATIONS

Subodh Verma
New England Journal of Medicine,
Cell Metabolism

Nir Lipsman
Lancet Neurology

Michael Taylor
Nature x 2, Nature Genetics, Nature
Medicine, Nature Neuroscience

Gelareh Zadeh
Nature

Nancy Baxter
Lancet Oncology

Steve Gallinger
Nature Genetics

Jay Wunder
Nature Genetics

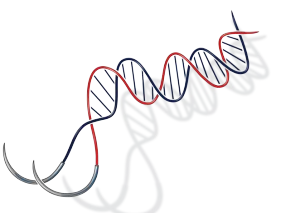
Michael Taylor/Peter Dirks
Nature Genetics

Michael Tymianski
Lancet



A MILESTONE ACHIEVEMENT

Michael Taylor
Clarivate List of Highly Cited Investigators





CODIFYING THE SURGEON SCIENTIST TRAINING PROGRAM

JOURNAL OF SURGICAL RESEARCH • DECEMBER 2020 (256) 282–289



ELSEVIER

Available online at www.sciencedirect.com

ScienceDirect

journal homepage: www.JournalofSurgicalResearch.com

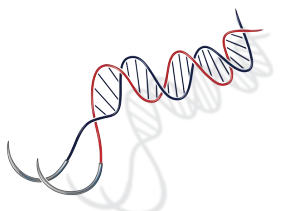


Research review

Navigating the Postgraduate Research Fellowship: A Roadmap for Surgical Residents



Kevin J. Zuo, MD, MASc,^a Ying Meng, MD,^{b,c}
Lauren Gordon, MD, MSc,^{d,e,f} Tomas J. Saun, MD, MASc,^a
Amine Mazine, MD, MSc,^{g,e} Christopher S. Ahuja, MD,^{b,c}
Nir Lipsman, MD, PhD,^b James T. Rutka, MD, PhD,^{b,h}
and Michael G. Fehlings, MD, PhD^{b,c,i,j,*}





RESEARCH 2019-2020

Hold'em for Life Oncology Clinician Scientist Award

\$16.4M to establish a fellowship program in UofT's Faculty of Medicine



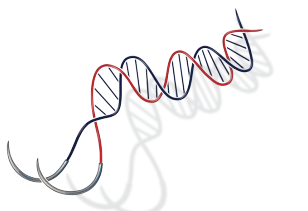
Neil Fleshner

Hold'em for Life Oncology Clinician Scientist Awards

BOUNDLES

15 SSTP's supported:

Zubair Bayat; Douglas Cheng; Robert Grant; Alexander Gregor; Keegan Guidolin; Otto Hemminki; Kyle Juraschka; Paulo Kayano; Wanda Marini; Ying Meng; Gregory Nason; Farshad Nassiri; Christopher Noel; Khaled Ramadan; Michael Taccone





UNDERGRADUATE EDUCATION

CACMS On-Site Accreditation Visit November 2 - 6 2020



Najma Ahmed
Vice Chair, Education

Accreditation Preparations

- Concern with undergraduate education based on the last Annual Report: insufficient learning resources.
- Solution: Huge revamp of the SRG310Y course website: numerous virtual learning components have been added, including recorded lectures.
- Virtual Accreditation Process
- Follow-up site visit December 7th

Curriculum Changes

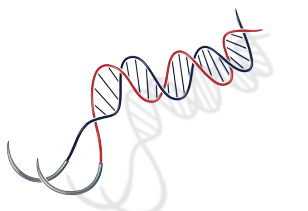
- Central Seminars are now happening virtually
- Virtual Mentorship Program



Jeremy Hall
Director, UME



Elisa Greco
*Assistant Director,
UME*



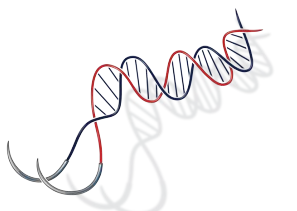


FOCUS ON MEDICAL STUDENTS



Breakfast with the Chair!

UTM, February 5th, 2020



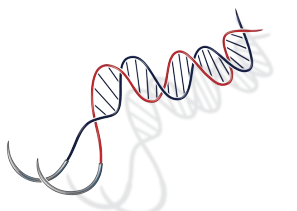


FOCUS ON MEDICAL STUDENTS



Breakfast with the Chair!

Department of Surgery Board Room, January 15th, 2020





POSTGRADUATE EDUCATION

Royal College On-Site Accreditation Visit Nov 22 - Dec 4 2020

Accreditation Preparations

- Workshops preparing for Accreditation Visit ongoing
- Meeting with Survey Team (October 13 - 29, 2020)
- Pre-Accreditation Meetings ongoing
- New Accreditation Standards
- The Accreditation Management System
- Transitioning to Competency by Design (CBD)
- Institutional Review Process
- Areas of Focused Competence

Curriculum Changes

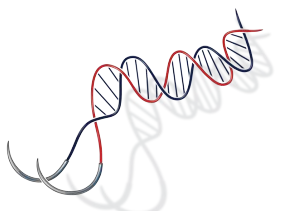
- Surgical Foundations Lecture Series delivered virtually
- First lecture of the new academic year, September 8 2020
- Lecture schedule: <https://surgery.utoronto.ca/surgical-foundations-0>



Najma Ahmed
Vice Chair, Education



Ron Levine
Director, Postgraduate Education





BEST PRACTICE IN SURGERY 2019-2020

**Best
in
Practice
Surgery**

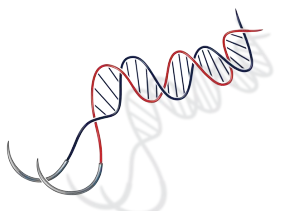


Robin McLeod
Vice Chair, Best Practice

Current Work

Environmentally Sustainable Operating Rooms

Together with the Centre for Sustainable Health Systems, the Best Practice in Surgery is developing a guideline to help Increase the Environmental Sustainability of Operating Rooms. The working group has representatives from the U of T hospitals including stakeholders from Surgery, Anesthesiology, Nursing, and Administration.





BEST PRACTICE IN SURGERY 2019-2020

**Best
in
Practice
Surgery**



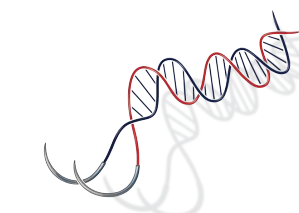
Robin McLeod
Vice Chair, Best Practice



Current Work

Management of Patients undergoing Abdominal Surgery during COVID-19

Under the leadership of Dr. Anthony De Buck, a group of UofT General Surgeons are developing a guideline on how to safely operate in the era of COVID-19. To date, we have conducted a literature review and drafted recommendations. The recommendations will then be reviewed by other stakeholders including ID experts, anesthesiologists, and nurses and then undergo a modified Delphi to come to consensus.





BEST PRACTICE IN SURGERY 2019-2020

Best
in
Practice
Surgery



Robin McLeod
Vice Chair, Best Practice

2019 Accomplishments

Guideline on the Prescription of Pain Medication at Discharge after Elective Surgery

- Led by Dr. Hance Clarke - collaboration between the Depts of Anesthesia and Surgery.
- Surveyed residents and surgeons to better understand current practices with regards to prescribing opioids at the time of discharge. We found that there was significant overprescribing and a need for more guidance.
- Provides recommendations for pain medication at discharge

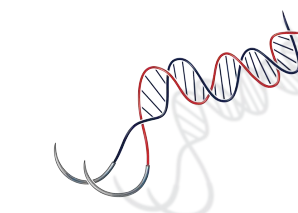


Postoperative opioid-prescribing patterns among surgeons and residents at university-affiliated hospitals: a survey study

Akash Goel, MD
Adina Feinberg, MD
Brandon McGuinness, MD
Sav Brar, MD
Sanjho Srikandarajah, MD
Emily Pearsall, MSc
Robin McLeod, MD
Hance Clarke, MD, PhD

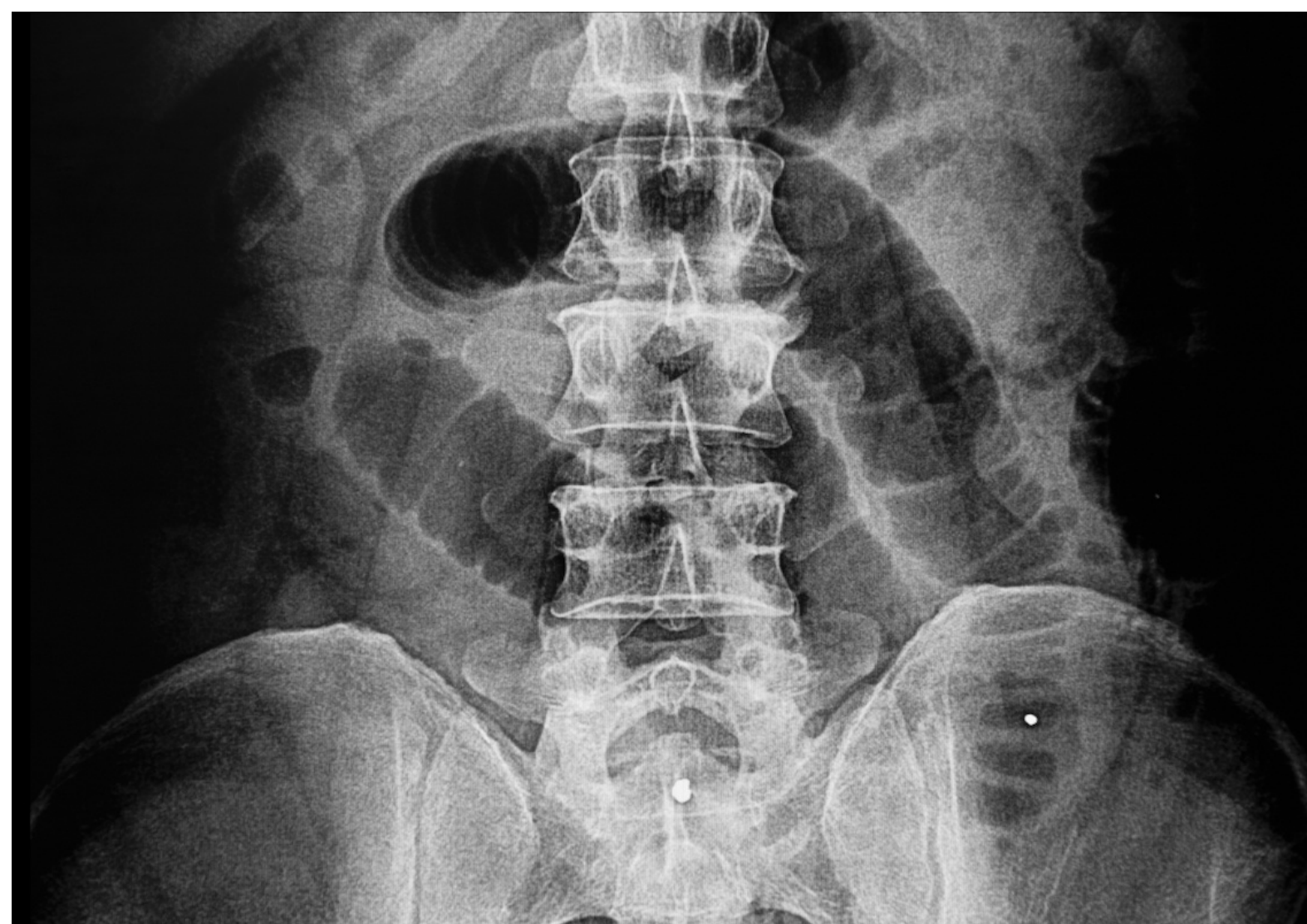
Background: Overprescribing of opioids to patients following surgery is a public health concern, as unused pills may be diverted and contribute to opioid misuse and dependence. The objectives of this study were to determine current opioid-prescribing patterns for common surgical procedures, factors that affect surgeons' prescribing behaviour and their perceived ability to manage patients with opioid use disorder.

Methods: Survey participants included all consultant and trainee surgeons at the University of Toronto. The survey, which was administered electronically, included 52 multiple-choice, rank-order and open-text questions eliciting information on current prescribing patterns, prescribing of adjunct pain medications, and education and other factors related to opioid prescribing. Staff surgeons were also asked about how they manage patients with a suspected opioid issue.





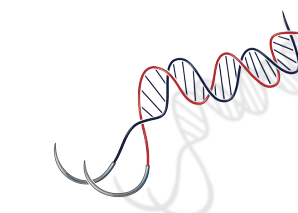
Robin McLeod
Vice Chair, Best Practice



2019 Accomplishments

Adhesive Small Bowel Obstruction Water-Soluble Contrast Guideline

- Led by Dr. Ashlie Nadler - developed to give recommendations on how to assess a small bowel obstruction to determine whether the patient can be managed non-operatively and thus avoid unnecessary surgery and be discharged home sooner or if the patient requires surgery. The guideline is currently submitted for publication.
- To accompany the pathway, the Best Practice in Surgery app has an interactive tool that allows residents to enter information about their patient in real time and provides reminders to help adhere to the appropriate timing laid out in the pathway.





BEST PRACTICE IN SURGERY 2019-2020

**Best
Practice
in
Surgery**



Robin McLeod
Vice Chair, Best Practice



Quality Improvement Course at UofT

Dr. Najib Safieddine conducted the 4th resident QI course for all first-year surgery residents. As well, he started a QI course for Fellows that is now in its second year. For both courses, students learn QI principles and are paired with a mentor who assists them in conducting a QI project over the course of the year.

