



**Department of Surgery
2017 Annual Report**

Submitted by Dr. Gerald M. Fried

Introduction

In 2017 we again suffered the impact of further budget cuts to health care in Quebec. This year the major disruption was the withdrawal of administrative support to clinical faculty, a move to distribute less complex surgery outside the teaching hospitals, and a further reduction in residents. All these factors put increasing administrative responsibility on faculty and a demand for increasing direct patient care. Besides the impact on morale, these demands on the time of our academic faculty competed with time normally allocated to teaching, research and other scholarly activity. Further substantial cuts are planned for 2018.

Despite the uncertainty associated with all these changes, we maintained our volume of surgery over the year and continued to innovate. Dr. Steven Paraskevas has taken his research into clinical practice with the development of a clinical islet cell transplantation program for diabetes. The pilot experience showed that we were able to harvest high volumes of functional islets and to greatly improve the care of diabetes in these patients. We are now awaiting Ministerial support and funding to allow us to expand the program. Our ability to provide high quality and efficient patient care in an increasingly constrained environment is attributable in great part to the exceptional leadership of Dr. Liane Feldman and her team establishing a world-class program in Enhanced Recovery After Surgery. By implementing clinical pathways based on best evidence, in cooperation with a multidisciplinary team, we have maintained or improved quality of care, reduced hospital stay, reduced costs and improved patient satisfaction. Not only has this had clinical benefit, but this has been an important area of scholarly activity for the department.

Surgical Innovation remains an academic priority for the Department of Surgery. Work is progressing well at the MGH site Research facilities where we are building a Surgical Innovation Platform. This facility should be completed by about March 1, 2019. This resource will mesh beautifully with the Steinberg Centre for Simulation and Interactive Learning at McGill, the Centre for Innovative Medicine at the RVH Glen Site (with its simulation facility and Experimental OR), and the DeKuyper Centre at the Montreal General Hospital (for innovative educational research through the use of social media and multimedia). These facilities provide us a unique environment for Surgical Innovation and are aligned with our Graduate Program Concentration in Surgical Innovation and our successful CREATE training grant. This year Dr. Raymond Hakim, a McGill graduate and successful entrepreneur, has committed to support a competition in Clinical Innovation in the Faculty of Medicine. The Hakim prizes will support the commercialization of innovative projects from McGill Medicine through a mentorship program and the innovation facilities described above. We see Surgery playing a leadership role in Clinical Innovation at McGill, through the leadership of Professor Jake Barralet and Dr. Kevin Lachapelle. Six excellent teams of surgeons, engineers and business students participated in the Surgical Innovation concentration this year. Clearly this concept has attracted wide attention

Our publication record remains excellent in terms of both quantity and quality and we have continued to have our clinician scientists and basic scientists show success in earning salary awards and operating grants. Our department has published a total of 360 peer-reviewed papers and has received new grants totaling \$4.4M. The number of our graduate students continues to expand. Our concentrations in Surgical Innovation and Surgical Education have flourished under the leadership of Drs. Jake Barralet and Kevin Lachapelle, and we had our first distance learner from the Lahey Clinic in Boston complete his Master's degree in Experimental Surgery (Education Concentration), supported by videoconferencing links, conference calls and intermittent visits to Montreal. The feedback from this pilot has been excellent and we plan to expand this teaching method for 2018 and 2019. Drs. Razek and Deckelbaum lead the Global Surgery Masters Concentration and we have seen great demand and enthusiasm from our trainees.

Dr. Simon Bergman, Director of Undergraduate Education, has led us through the introduction of a new undergraduate education curriculum. Residency numbers in surgical specialties remain low. Although PEM position severely limit our ability to recruit new clinical faculty, those who we have been able to recruit are truly outstanding. We have also actively recruited full-time scientists through the CAS-Research route, funded by their host divisions. These challenges will continue to affect us in the future.

Despite the changes and increased demands on our faculty, we continue to increase our clinical and academic productivity. Our surgeons remain committed to their academic mission, and McGill surgeons remain in places of surgical leadership nationally and internationally.

Section 1 – Research and Publications

Research Overview

Our Research Retreat and Strategic Planning exercise held in 2013 continues to serve as the blueprint for our research mission. We continue to implement and build on recommendations from that process, under the leadership of Prof Barralet (Vice-Chair-Research) and Prof Anie Philip (Program Director for Experimental Surgery Program). Our concentrations in Surgical Education, Surgical Innovation, and Concentration in Global Surgery, under the leadership of Dr. Kevin Lachapelle, Prof. Jake Barralet and Drs. Tarek Razek and Dan Deckelbaum have attracted continued recruitment and this year we launched a Non-Thesis Master program under the leadership of Dr. Lisbet Haglund. We continue to maintain and expand our successful basic science program and our first Certificate in Surgical Innovation was issued this year to a student in McGill Engineering. These new endeavors brought record growth to the department with 68 new students registered making the Department of Surgery among the largest graduate training departments in the Faculty.

The beginning of demolition of C9 at the Montreal General Hospital marked the beginning of work on the new Strategic Infrastructure Funded (SIF) Clinical Innovation Centre, a new facility to develop innovation of solutions to clinical problems through digital health, basic science and medtech. This will offer hospital-based employees an environment to seek support and training in how to develop proof of concept and to add value to the product of the work of surgeons and clinical scientists, healthcare professionals and basic scientists.

A search is underway to recruit a professor in Surgical Education who can support teaching, coordinate the use of existing and new simulation capability and strengthen our academic profile to help cement McGill's position as innovators in surgical education theory and practice. A candidate has been identified for the tenure-track professor in Surgical Innovation and a search will begin in 2018 for a tenure-track professor with expertise in clinical outcomes, (epidemiology, surgical recovery, quality metrics, and health care economics).

Research and Publications Overview:

General Surgery: 129 publications, 18 with IF >5

Thoracic Surgery: 9 publications, 3 book chapters and 13 presentations

Plastic Surgery: 15 publications and 12 presentations

Orthopedic Surgery: 100 publications, 20 with IF > 5 and 138 lecture, podium and poster presentations

Vascular Surgery: 4 publications, 8 presentations

Urology: 77 publications and 10 presentations

Cardiac: 26 publications

Research Grants:

Total of approximately \$4.4 million awarded in 2017 - Please see Appendix 1

Section 2 – Teaching and Learning, Undergraduate and Graduate:

Undergraduate Medical Education:

The Department of Surgery provides required and elective clinical education experiences for all medical students. They have an opportunity to participate actively in all aspects of patient care, in the preoperative, out-patient clinics, in-patient, emergency and postop phases. This is a hands-on exposure whereby students acquire important skills fundamental to the practice of medicine no matter what area they choose to focus on subsequently. They are given an opportunity to truly learn to be doctors and to assume patient care responsibilities under appropriate supervision. McGill has traditionally had the highest proportion of its graduates select a surgical specialty as their first choice, compared to all other Canadian medical schools.

Under the leadership of Simon Bergman, and with the help of the Molson Centre for Medical Informatics, we have developed a number of virtual patients to complement the clinical exposure, especially for trauma care, and to ensure standardization of the curriculum and to optimize teaching.

Graduate Medical Education:

We run residency programs in general surgery, cardiac surgery, urology, plastic surgery, vascular surgery and orthopedic surgery. We also have programs in surgical oncology and colorectal surgery. All our programs are fully accredited.

In addition, we offer several clinical fellowships in sub-specialty areas of our clinical divisions. These attract outstanding applicants and have a track record of placing them in excellent positions at leading centres after graduation.

Experimental Surgery:

Experimental Surgery offers a PhD program and a Master's Degree (MSc) in basic sciences, outcomes, education research, device development and innovation, reflecting the wide array of expertise of our supervisors.

The MSc program offers three Concentrations with specialized training in Surgical Education, Global Surgery and Clinical Innovation

A Non-Thesis option new in 2017 offers a short project option in lieu of a thesis. The Clinical Innovation activity also offers a 15 credit Certificate and 30 credit Diploma intended for candidates seeking focused training in innovation

Fraser Gurd Research Awards:

Qasim Al Abri: Education

Laura Drudi: Outcomes

Craig Hasilo: Novel

Claire Nash: Basic

Dr. Krujit: Ross Adair Memorial Award for Teaching Excellence
Dr. Ghitulescu: Outstanding Teacher Award Post Graduate Education
Dr. Haglund: Kathryn Rolph Award
Dr. Andonian: Harvey H. Sigman Award In Recognition of Excellence in Undergraduate Teaching
Dr. Sigman: L.D. MacLean Distinguished Achievement Award

Visiting Professor Program:

The McGill Department of Surgery continues to attract an impressive selection of world-class surgeons as visiting professors in 2017. Please see Appendix 2 for a list of lecturers who participated in rounds in 2017 and the titles of their talks.

Section 3 – Involvement in the Community:

Centre for Global Surgery:

- **Dr. Beckett:** Deployed to Niger in 2017 x 2 months in support of peace/stability operations
- **Dr. Deckelbaum:** Canadian Red Cross Consultant in trauma capacity building and system development; World Health Organization, Essential and Emergency Surgical Care
- **Dr. Grushka:** Emergency Response Unit- Canadian Red Cross
- **Dr. Razek:** Red cross contract/grant to develop infrastructure for Nepal

Conferences organized as Chair or Co-Chair:

- **Dr. Andonian:** is the Vice President of the Armenian Medical Association of Quebec.
- **Dr. Aprikian:** Board member on the Cedars Cancer Foundation.
- **Dr. Aprikian:** Board member on the Procure (Quebec Prostate Cancer Foundation).
- **Dr. Chan:** organized the 12th Annual MUHC Men's Health Day.
- **Dr. Corcos:** President of the Foundation Healthy Mothers of the World who organize surgical mission and prevention mission in Rwanda (Africa). He participated in 2 missions in 2017.
- **Dr. Deckelbaum:** Trauma and Disaster Team Response Course, Mexico (June 2017).
- **Dr. Deckelbaum:** Trauma and Disaster Team Response Seminar (January 2017) Thailand.
- **Dr. Feldman:** Co-chair, Enhanced Recovery beyond Colorectal. American College of Surgeons, San Diego.
- **Dr. Feldman:** Co-director, Surgical Prehabilitation 3 day conference, Montreal, Canada.
- **Dr. Feldman:** Chair, CAGS-CAUS Leadership Retreat, Canadian Surgery Forum, Victoria BC.
- **Dr. Ferri:** Chair, McGill Multidisciplinary Management of Esophageal Cancer.
- **Dr. Fried:** Simulation and Health Care Systems (Symposium Chair) Simulation Summit, Royal College of Physicians and Surgeons of Canada, Montreal.
- **Dr. Haglund:** Organizer and Chair, TERMIS, The intervertebral Disc Symposium Davos, Switzerland.
- **Dr. Haglund:** Program Committee, Global Spine and World Forum for Spine Research yearly conference.
- **Dr. Harvey:** Chairman, TA Basic Science Focus Forum - Vancouver BC.
- **Dr. Kassouf:** Chair, Medical Advisory Board, Bladder Cancer Canada.
- **Dr. Kassouf:** Founding Chair, Canadian Bladder Cancer Research Network.
- **Dr. Lessard:** Annual Breast Reconstruction Awareness Day (BRA Day).
- **Dr. Liberman:** Chair of Colorectal Surgery Paper Session at Canadian Surgery Forum
- **Dr. Meguerdichian:** Patient Safety and Science of Quality ASCO Quality of Care Symposium, Orlando, FL.
- **Dr. Mwale:** Co-chair and Topic Chair, Annual Meeting of the Orthopaedic Research Society; Biology session.
- **Dr. Paraskevas:** Chair, Joint Meeting of the Canadian Society of Transplantation and the Cell Transplant and Regenerative Medicine Society, Halifax, NS, Canada, September.
- **Dr. Paraskevas:** Co-Chair, Symposium: Emerging Concepts in Transplant Immunology: A primer for physicians, Joint Scientific Meeting of the Canadian Society of Transplantation and the Cell Transplant and Regenerative Medicine Society, Halifax, NS.
- **Dr. Paraskevas:** Co-Chair, 16th Congress of the International Pancreas and Islet Transplant Association, Oxford, UK.
- **Dr. Paraskevas:** Co-Chair, Joint Scientific Meeting of the Canadian Society of Transplantation and the Cell Transplant and Regenerative Medicine Society, Halifax, NS.
- **Dr. Razek T:** Moderator, IATSIC poster walk, World Congress of Surgery WCS Basel, Switzerland.
- **Dr. Tanguay :** Member of the executive committee for Kidney Cancer Canada.
- **Dr. Tanguay:** Provides urological care to veterans (Veterans Hospital- Ste-Anne de Bellevue).
- **Dr. Vassiliou:** SAGES – Program co-chair 2017 meeting.

Conference Presentations:

- **Dr. Albers:** Invited Speaker, Journee Scientifique, Association de l'Orthopedie du Quebec. McGill Orthopaedic Grand Rounds
Lecturer: Adverse Reactions to Metal Debris in Total Hip Arthroplasty
- **Dr. Albers:** Podium Presentation, Canadian Orthopaedic Association Meeting. COA Annual Meeting. Ottawa, ON, CA.
- **Dr. Albers:** Speaker, "Top 10 Things You Need to Know" Hip Revision - Orthopaedic Resident Review in Reconstructive Surgery. Toronto, Ontario.
- **Dr. Albers:** Panel member, Case session arthroplasty Canadian Arthroplasty Society Meeting. Toronto, Ontario.
- **Dr. Albers:** Speaker, Canadian Arthroplasty society Meeting. Toronto, Ontario.
- **Dr. Andalib:** Surgical Grand Rounds, Montreal General Hospital, Montreal, Canada.
- **Dr. Andonian:** Educational Forum 7: Optimizing stone surgery outcomes, Canadian Urological Association Meeting.
- **Dr. Aprikian:** Canadian Partnership Against Cancer Annual meeting Plenary on Quality in Surgical Oncology.
- **Dr. Arena:** International Summer School "Cancer Biology and therapeutic strategies towards personalized medicine", Italy.
- **Dr. Arena:** Basic and Applied Biomedical Sciences Department Grand Rounds Distinguished Guest Lecture, Catania, Italy.
- **Dr. Arena:** New Perspective in Biomedical Research Conference Distinguished Guest Lecture, University of Sassari, Italy.
- **Dr. Arena:** "Genometastasis" Pathology Grand Rounds MUHC.
- **Dr. Arena:** Surgical Grand Rounds St. Mary's Hospital.
- **Dr. Arena:** Surgical Grand Rounds Department of Surgery.
- **Dr. Barralet:** Keynote speaker 29th Symposium & Annual Meeting of the Int. Society for Ceramics in Medicine, France.
- **Dr. Barralet:** Panelist, 2017 Simulation Summit: Simulation for Health Systems, Care and Quality, Royal College of Physicians and Surgeons of Canada, Montreal.
- **Dr. Basik:** Locally Advanced Breast Cancer Meeting.
- **Dr. Basik:** Clinical Trial Planning Meeting, National Cancer Institute, Bethesda.
- **Dr. Beckett:** Trauma Association of Australia /Australian Trauma Society, Melbourne, AU.
- **Dr. Beckett:** Military Veterans Health Research Forum, Toronto.
- **Dr. Beckett:** American Association of Blood Bankers/THOR, San Diego.
- **Dr. Boileau:** Breast Surgery International meeting, World Congress of Surgery. Basel, Switzerland (CME - MD).
- **Dr. Boileau:** Canadian Breast Cancer Symposium, Toronto, Ontario, Canada (CME -MD).
- **Dr. Boileau:** Keynote Speaker. Update in General Surgery, Toronto, Ontario, Canada (CME - MD).
- **Dr. Boileau:** Sein et aisselle. Association Québécoise de Chirurgie, Québec, Canada (CME - MD).
- **Dr. Boileau:** Traitement chirurgical: à visée curative, palliative et reconstruction mammaire. Abitémis, Rouyn Noranda.
- **Dr. Boileau:** JGH OR Nurses Rounds, Montreal, Canada (Nurses).
- **Dr. Boutros:** Society of Gastrointestinal and Endoscopic Surgeons.
- **Dr. Boutros:** SAGES Resident Workshop: Advanced Laparoscopic Colorectal Surgery.
- **Dr. Brabant:** Visiting Professor CHIBAD Hospital, Tokyo Japan.
- **Dr. Brodt:** Liver metastasis Research Network Annual Meeting, Rotterdam, Netherlands.
- **Dr. Brodt:** CETI Annual Research Day Lecture.
- **Dr. Burman:** Invited Speaker, Quebec Orthopedic Association Annual Meeting.
- **Dr. Burman:** Invited Speaker, Osler Society Trauma Prevention Program.
- **Dr. Burman:** Invited Speaker, McGill / UdeM Annual Remembrance Day Arthroscopy Course.
- **Dr. Burman:** Presentation, McGill University 28th Annual Fraser Gurd Research Forum, Montreal, Canada.
- **Dr. Campeau:** American Urological Association Annual Meeting 2017, Early Investigator Showcase, Boston US.
- **Dr. Cecere:** Society of Thoracic Surgeons meeting, Houston, Texas.
- **Dr. Chan:** Lecture at the Surgical Bootcamp of the Society of Reproductive Surgeon, Houston TX.
- **Dr. Chan:** Gave a lecture "Vasectomy: The CUA and AUA guidelines", Podium lecture at the Quebec Urological Association.
- **Dr. Corcos:** Panelist. International Continence Society meeting Florence.
- **Dr. Cugno:** American Society of Plastic Surgeons Plastic Surgery Meeting. Orlando, FL.
- **Dr. Deckelbaum:** Trauma Systems in Canada. Thai Association of Trauma Annual Meeting, Keynote Speaker.
- **Dr. Deckelbaum:** Disaster Preparedness and Response. Alberta Association of General Surgeons, Keynote Speaker.
- **Dr. Deckelbaum:** Building Academic Global Surgery Conferences. Alberta Association of General Surgeons, Keynote.
- **Dr. Deckelbaum:** Consortium of Universities on Global Health.
- **Dr. Deckelbaum:** Canadian Red Cross-Palestinian Red Crescent –Israeli Magen David Adom Ottawa Summit.
- **Dr. Deckelbaum:** College of Surgeons of East, Central, and Southern Africa Annual Meeting, Keynote Speaker.
- **Dr. Dragomir:** 19th Euro Congress on Cancer Science and Therapy, Lisbon, Portugal
- **Dr. Feldman:** Engaging in SAGES activities and programs. SAGES leadership Development course.
- **Dr. Feldman:** Vanderbilt University Visiting Professor and Combined Surgery/Anesthesia Grand Rounds.
- **Dr. Feldman:** Anesthesia resident rounds. Vanderbilt University, Nashville, TN.
- **Dr. Feldman:** Prehabilitation for ERAS. San Diego, American College of Surgeons.

- **Dr. Feldman:** North meets South: A Gastrointestinal Medical and Surgical Symposium. Florida Hospital, Orlando.
- **Dr. Feldman:** Canadian Surgery Forum, Victoria, BC.
- **Dr. Feldman:** Surgical Prehabilitation to improve postoperative outcome. McGill University Health Centre.
- **Dr. Feldman:** UBC Resident Research Day, Vancouver General Hospital.
- **Dr. Feldman:** Enhanced Recovery Programs: but are we really improving recovery? Grand Rounds, UBC.
- **Dr. Feldman:** ERAS en chirurgie générale. Association des anesthésiologistes du Québec. Quebec City.
- **Dr. Ferri:** Presented, 47th World Congress of Surgery and at the XIII Brazilian Congress of Surgical Oncology in Rio de Janeiro.
- **Dr. Ferri:** American Society of Clinical Oncology-Gastrointestinal Cancers Symp. Surgical Perspective (panelist) San Francisco.
- **Dr. Ferri:** John Wayne Clinical Research Keynote Lecture, 70th Annual Mtg of the Society of Surgical Oncology. Seattle, WA
- **Dr. Ferri:** International Society of Surgery (ISS/SIC) 47th World Congress of Surgery. Basel, Switzerland.
- **Dr. Ferri:** CDN Surgical Forum Barrett's esophagus with early neoplasia: Ablate, Endoscopic Resection, or Esophagectomy; Victoria, BC.
- **Dr. Ferri:** XIII Brazilian Congress of Surgical Oncology, Rio de Janeiro, Brazil.
- **Dr. Fiore:** Surgical Prehabilitation to Improve Postoperative Outcomes. Symposium. Peri Operative Program (POP), McGill University, Montreal, Canada.
- **Dr. Fiore:** Research Seminar. Centre for Outcomes Research and Evaluation, RI-MUHC.
- **Dr. Fiore:** Research Seminar. Peri Operative Program (POP), McGill University.
- **Dr. Fleischer:** The Canadian Association of General Surgeons (Canadian Surgical Forum) General Surgery Review Postgraduate Course, Annual Meeting Victoria, British Columbia.
- **Dr. Fraser:** Operative Management of Infected Mesh. Canadian Hernia Society Annual Conference, Toronto, ON.
- **Dr. Fried:** Grey-Turner Keynote Surgical Innovation, World Congress of Surgery, Basel, Switzerland.
- **Dr. Fried:** Invited Talk, International Society of Digestive Surgeons, Basel, Switzerland.
- **Dr. Fried:** Keynote talk, CaSES Meeting, Montego Bay, Jamaica.
- **Dr. Fried:** FUSE Postgraduate Course, SAGES Annual Meeting. Houston, TX.
- **Dr. Fried:** Caribbean Society of Surgeons & Caribbean Association of Endoscopic Surgeons (combined annual mtg) Jamaica.
- **Dr. Fried:** "ISS at the movies – Esophagus" - Technique of PEH repair. World Congress of Surgery, Basel, Switzerland.
- **Dr. Fried:** Antireflux surgery: When and how. World Congress of Surgery, Basel, Switzerland.
- **Dr. Fried:** Climbing the academic ladder. Canadian Surgery Forum, Victoria, BC.
- **Dr. Garzia:** Presentation, 2017 MIM meeting, refereed presentation, Steamboat Springs Colorado (USA).
- **Dr. Garzia:** Seminar Speaker, HGEN690 Special Seminar "Clonal selection drives tumor evolution through space & time" McGill
- **Dr. Garzia:** Invited speaker, RI-MUHC Cancer Research Program Research Day, RI-MUC.
- **Dr. Gilardino:** Invited expert panelist on American Association of Plastic Surgeons Webinar on Wearable Technologies.
- **Dr. Gilardino:** Invited keynote presentation at charity event, Dejeun'aide/Breakfast with Leaders, Young Leaders Circle.
- **Dr. Gilardino:** Invited Professor and Speaker, Riyadh Plastic Surgery Club and King Saud University Hospital, Saudi Arabia.
- **Dr. Gilardino:** Invited Panelist, Expert panel on Aesthetic Eyelid Surgery, Canadian Society of Plastic Surgeons Annual Meeting, Winnipeg.
- **Dr. Gilardino:** Invited Panelist, Annual Pierre Robin Sequence Consensus Meeting, SickKids Hospital, Toronto, Canada.
- **Dr. Haglund:** Unity Biotechnology, San Francisco, USA. Age related changes in IVD degeneration
- **Dr. Harvey:** Bob Meek Visiting Prof., UBC, Future of Orthopaedic Research, Avascular necrosis of the Hip- Solved!
- **Dr. Harvey:** Speaker, OTA International Forum Vancouver BC.
- **Dr. Kassouf:** Annual Brazilian Genitourinary Oncology Symposium, Sao Paolo, Brazil.
- **Dr. Lessard:** Presentation, XVII Congress of the International Society of Craniofacial Surgery (ISCFs) Cancun Mexico.
- **Dr. Lessard:** Presentation, Plastic Surgery The Meeting, Orlando, FL.
- **Dr. Lessard:** Invited Guest Speaker, Canadian Society of Plastic Surgeons (CSPS) Annual Meeting, Winnipeg.
- **Dr. Lessard:** Moderator, Congres 2017 Association des Specialistes en Chirurgie Plastique et Esthetique due Quebec (ASCPEQ), Montreal.
- **Dr. Lessard:** Invited Faculty, American Society of Maxillofacial Surgeons (ASMS). Miami FL.
- **Dr. Lessard:** Invited guest lecturer and panelist on breast cancer reconstruction. Annual Congresso Argentino de Cirugia Plastica in Buenos Aires, Argentina.
- **Dr. Meguerditchian:** McGill University Health Centre Department of Oncology Grand Rounds, Montreal.
- **Dr. Meguerditchian:** Building on excellence: a perspective on the way forward for Cancer Research. Cancer Care Manitoba.
- **Dr. Meguerditchian:** Panelist, Innovative Approaches to Optimal Cancer Care in Canada, Canadian Partnership against Cancer, Toronto.
- **Dr. Merle:** Invited speaker, 2017 MRS Fall Meeting, Boston, Massachusetts.
- **Dr. Meterissian:** Royal Australasian College of Surgeons: Visiting Professor keynote address.
- **Dr. Meterissian:** Malaysian College of Surgeons: Visiting professor.
- **Dr. Meterissian:** World Surgical Congress: Invited Speaker for Breast Surgery International.

- **Dr. Meterissian:** Central Surgical Association: Discussant for a Plenary Paper.
- **Dr. Mitmaker:** Invited speaker & panel discussant. Int. I Association of Endocrine Surgeons Meeting in Basel, Switzerland
- **Dr. Mueller:** Post-Graduate Course Invited Lecturer and Panelist Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Annual Meeting, Houston, Texas.
- **Dr. Mwale:** Invited speaker, Grant Mentoring and career development United States Bone and Joint Initiative Toronto.
- **Dr. Mwale:** “Novel treatment for osteoarthritis and intervertebral disc disease”. Flexion.
- **Dr. Mwale:** Distinguished Speaker, ORS PSRS 4th International Spine Research Symposium, Lake Harmony, Pennsylvania.
- **Dr. O’Flaherty:** 51st Conference on Genes Families and Isozymes, Kona, Hawaii, USA.
- **Dr. Paraskevas:** Update on islet cell and pancreas transplantation for the treatment of diabetes, Ottawa Endocrinology Journal Club, Ottawa, ON.
- **Dr. Razek:** Joint ATS-TAC Scientific Meeting and Conference, Melbourne Australia.
- **Dr. Razek:** 4th WCES in Campinas. Campinas, Brazil.
- **Dr. Razek:** Congrès de l’Association Québécoise de Chirurgie. Gatineau, Canada.
- **Dr. Razek:** Speaker in IATSIC / ASAP main session (Global surgery: the needs, challenges and possibilities): Access to high quality training courses in low and middle resource settings: good, bad and ugly.
- **Dr. Razek:** Speaker in IATSIC main session (Expanding the comfort zone: robust education). Topic: Help us solve the case: panel vs floor, Basel, Switzerland.
- **Dr. Razek:** Hokkaido University “The role of Global Surgery and how to set up the team of Global Surgery”. Sapporo, Japan.
- **Dr. Razek:** 9th Japanese Acute Care Surgery, “Acute care surgery”, Sapporo, Japan.
- **Dr. Razek:** Royal College Simulation Summit, “Adapting standardized training programs to low income environments: Increasing access with challenges”.
- **Dr. Razek:** Pan American Trauma Congress, Critical Care and Emergency Surgery. Mexico, Mexico. .
- **Dr. Spicer:** Department of Microbiology and Immunology Seminar, McGill University, Montreal, Canada.
- **Dr. Tanguay:** Egyptian Urological Association meeting, Cairo, Egypt.
- **Dr. Tanzer:** The Closed Meeting of the International Hip Society, London, England.
- **Dr. Tanzer:** 12th Symposium on Joint Preserving & Minimally Invasive Surgery of the Hip/ Canadian Orthopaedic Association Hip Symposium: Ottawa, Ontario, Canada.
- **Dr. Tchervenkov:** Transplantation Rounds – University of Alabama.
- **Dr. Tchervenkov:** Transplantation Rounds – Harvard University – Massachusetts General Hospital.
- **Dr. Vanounou:** Invited speaker on Advances in Minimally Invasive Pancreatic Resections, At Canadian Consensus meeting in HBP surgery, Calgary.
- **Dr. Vanounou:** Grand Rounds speaker at St Mary’s Hospital.
- **Dr. Zini:** American Society for Reproductive Medicine, San Antonio, Texas.

Other Highlights:

- **Dr. Andonian:** Promoted to the position of Associate Editor for the CUA Journal.
- **Dr. Andonian:** Elected to be position of President of the Canadian Endourology Group
- **Dr. Andonian:** Elected to the position of Vice Chair of the Young Urologists Committee of the American Urological Association.
- **Dr. Aprikian:** led NSQIP program for surgical oncology across Rossy Cancer Network.
- **Dr. Aprikian:** Co-Chair of the Royal College AFC in Urologic Oncology.
- **Dr. Aprikian:** Obtained MSSS adoption of MUHC-created OPAL patient portal mobile application used by all institutions in QC
- **Dr. Campeau:** Obtained her certification at the American Board of Urology.
- **Dr. Campeau:** Obtained her certification in Female Pelvic Medicine and Reconstructive Surgery
- **Dr. Fahmy:** Provided a Laparoscopy Workshop in Alexandria University in Egypt
- **Dr. Kassouf:** Secured an investigator-initiated trial on bladder cancer, \$950,000
- **Dr. Kassouf:** Became Associate Chair, Dept of Surgery; Head, Urologic Oncology, Div. of Urology
- **Dr. Kassouf:** Became Chair, Faculty Promotions committee, Dept. of Surgery.
- **Dr. Lessard:** Became a member of the International Society of Craniofacial Surgery (ISCFs).
- **Dr. Lessard:** Chair of the Educational Committee for the International Confederation of Plastic Surgery Societies (ICOPLAST).
- **Dr. Mackenzie:** Assumed the position of president of the Canadian Society for Vascular Surgery.
- **Dr. O’Flaherty:** Received the 2017 Asian Journal of Andrology Outstanding Paper Award for his paper entitled: Regulation of mammalian sperm capacitation (Asian J Androl 17:583-5902015).
- **Dr. O’Flaherty:** Appointed Associate Director of the McGill Centre for Research in Reproduction & Development (2017-2020).
- **Dr. Spicer:** Appointed PD for the Advanced Thoracic and Upper GI Surgical Oncology Fellowship for the Faculty of Medicine.
- **Dr. Tanguay:** Became President-Elect of the SIU.
- **Dr. Zadeh:** Appointed Vice-Chair Royal College Examination Committee in-charge of the French exams.
- **Dr. Zini:** Participated in development of Guidelines (currently on Board of AUA Guidelines Committee, Infertility Section).

Patents

- **Dr. Brodt:** SOLUBLE IGF RECEPTOR Fc FUSION PROTEINS AND USES THEREOF. Application No. Not yet available Case Ref. 05001770-467CA. CANADA Patent Status: In Progress
- **Dr. Brodt:** SOLUBLE IGF RECEPTOR Fc FUSION PROTEINS AND USES THEREOF. Application No. 14/365250. Case Ref. 05001770-467US. USA. Patent Status: In Progress
- **Dr. Brodt:** SOLUBLE IGF RECEPTOR Fc FUSION PROTEINS AND USES THEREOF Application No. 12857915.8 Case Ref. 05001770-467EP European Patent Office. Patent Status: In Progress

Section 4 – Milestones:

Promotions

- **Goffredo Arena** MD to Associate Professor (General Surgery)
- **Marylise Boutros** MD to Associate Professor (General Surgery)

New recruits

- **Lawrence Lee** MD, PhD: Assistant Professor CAS (Clinical) - General Surgery
- **Peter Davison** MD, MSc: Assistant Professor CAS (Clinical) - Plastic Surgery
- **Janet Kwan** MD: Faculty Lecturer CAS (Clinical) – General Surgery
- **Mitchel Bernstein** MD: Assistant Professor CAS (Research) Joint Pediatric Surgery/Orthopedic Surgery
- **Livia Garzia** PhD: Assistant Professor CAS (Research) Orthopedic Surgery
- **Jennifer Anne Johansson Mutch** MD: Assistant Professor CAS (Clinical) Orthopedic Surgery
- **Géraldine Estel Merle** PhD: Assistant Professor CAS (Research) Orthopedic Surgery
- **Derek Hadar Rosenzweig** PhD: Assistant Professor CAS (Research) Orthopedic Surgery
- **David Labbé** PhD: Assistant Professor CAS (Research) Urology

Section 5 – Honours, Awards and Prizes:

- **Dr. Antoniou:** Travel Award: The Till & McCulloch Meetings(TMM2017) Canada's First Stem Cell Research Event.
- **Dr. Antoniou:** Best basic science award: Annual Visiting Professor Day, McGill Orthopaedics.
- **Dr. Arena:** European Award for Excellence in Science (Italy)
- **Dr. Arena:** Sicilian Award for Excellence in Medicine (Italy)
- **Dr. Beckett:** Promotion to Lt-Colonel, Royal Canadian Medical Service
- **Dr. Boutros:** Canadian Association of General Surgeons Innovation Award 2017
- **Dr. Burman:** 1st Place Podium Presentation Award: CDN Orthopaedic Residents Association Anatomic ACL Reconstruction.
- **Dr. Chan:** Appointed by the Quebec College of Medicine to be the only Urology expert in the special committee.
- **Dr. Chevalier:** Recognized for her exceptional scientific direction and tireless dedication to the PROCURE Prostate Cancer Biobank, at the celebration of its 10th Anniversary.
- **Dr. Dimentberg:** 1st prize for best poster presentation, CORA Annual meeting, Ottawa
- **Dr. Dragomir:** Received the Madelaine Tremblay Award - Research Institute of McGill University Health Center.
- **Dr. Emond:** David Owen Undergraduate Teacher Award
- **Dr. Gilardino, Dr. Lessard:** 2nd Prize Clinical Research Award - 8th H.B. Williams Paediatric Surgical Research Day at the RI-MUHC, Montreal, QC, Canada.
- **Dr. Ghitulescu:** Department of Surgery Outstanding Teacher Award
- **Dr. Ghitulescu:** General Surgery Excellence in Postgraduate Teaching Award
- **Dr. Gilardino:** Best Research Paper Award, American Society of Plastic Surgeons (ASPS) Annual Meeting, Orlando, FL.
- **Dr. Haglund:** Award for outstanding achievements & leadership contributing to the advancement of the dept. of Surgery
- **Dr. Harvey:** Elected to Medtech Innovator Showcase – Designated as one of Top 50 MedTech Startups in the world- Showcase company at Medtech Innovator Conference, San Jose California.
- **Dr. Harvey:** Edwin G Bovill, Jr., MD, Annual Memorial Lecture Award for best research project at annual meeting Distal Clavicle Fractures: A Multicenter RCT- COTS Group
- **Dr. Harvey:** OTA Highlight Paper Awards (Given to top 5 papers at Orthopaedic Trauma Association Specialty Day at The American Academy of Orthopaedic Surgeons, RCT of Distal Radius Fractures Treated with 3 Modalities- COTS Group, RCT for Treating Post Trauma Elbow Stiffness- COTS group.
- **Dr. Kassouf:** Won the first prize at the Northeastern American Urological Association, "Cytotoxic T lymphocyte CD8+, CD3+, and Immunoscore as prognostic marker in patients after radical cystectomy.
- **Dr. Lessard, Dr. Philip:** First Prize: Best Oral Presentation; National Skin Research Group
- **Dr. Lessard, Dr. Philip:** First Prize: Best Basic Science Oral Presentation. HB Williams Research Day Competition

- **Dr. Lessard, Dr. Philip:** First Prize: Best Basic Science Oral Presentation- Canadian National Society of Plastic Surgery.
- **Dr. Martineau:** Named head orthopaedic surgeon for Laval Rocket Hockey Club (AHL).
- **Dr. Martineau:** Dr. Gordon Petrie Memorial Fellowship in Orthopaedics – RI-MUHC.
- **Dr. Meterissian:** Award for Clinical and/or Research in Breast Cancer of the QBC.
- **Dr. Meterissian:** Canadian Association for Medical Education Certificate of Merit.
- **Dr. Mwale:** Nominated Honorary status of Fellow of International Orthopaedic Research (FIOR).
- **Dr. Mwale:** Selected as a permanent member of the National Institutes of Health Musculoskeletal Tissue engineering: MTE Study section Canadian Orthopaedic Research Society, President.
- **Dr. Mwale:** Canadian Institutes of Health Research (CIHR) & College of Reviewers, Member of the College of Reviewers
- **Dr. O’Flaherty:** Awarded the Molson Foundation Award, MUHC Foundation.
- **Dr. Sherbiny:** Received Everett C. Reid Award for Excellence in Teaching.
- **Dr. Shum-Tim:** Recipient of Westlake Friendship Award – Highest award and recognition for individual, not born in China, who has contributed significantly to China.
- **Dr. St-Arnaud:** Endowed Chair: Francis Glorieux Professor of Pediatric Musculoskeletal Research.
- **Dr. Steinmetz:** TCP Award for Excellence in Teaching - Surgery 2017. Undergraduate Medical Education, McGill University.
- **Dr. Tanzer:** American Academy of Orthopaedic Surgery Achievement Award.
- **Dr. Vassiliou:** Canadian Association for Medical Education Certificate of merit

Student Awards

General Surgery:

1) Recognitions

- **Basik M and Boileau JF** (co-supervisors). Stephanie Wong. Best Clinical Science Presentation, LD Maclean Research Day
- **Boutros M** (supervisor): Maria Abou-Khalil People’s choice award, LD Maclean Research Day
- **Boutros, M.** (supervisor): Canadian Society of Colon and Rectal Surgeons Best Poster
- **Boutros, M** (supervisor): Association québécoise de chirurgie Best Poster
- **Mitmaker, E.** (supervisor): Dr. Charles Proye Award (Best Clinical Podium Presentation) to Dr. Amin Madani, International Association of Endocrine Surgeons (IAES)
- **Mitmaker, E.** (supervisor) IAES Travel Award to Dr. Amin Madani
- **Zogopoulos G** (supervisor) Excellence Award for Productivity, Dept. of Human Genetics, McGill, awarded to Cavin Wong

2) New Salary awards

- **Boutros, M** (supervisor). Richard & Edith Strauss Clinical Fellowship in Medicine Awarded to Maria Abou Khalil. \$40,000
- **Boutros, M** (supervisor). Programme de bourses de formation en recherche pour les médecins résidents – Phase 1. Ministère de la Santé et des Services sociaux (MSSS), FRSQ. Awarded to: Richard Garfinkle. \$80,000
- **Boutros, M** (supervisor). Canada Graduate Scholarship-Master’s (CGS M), Canadian Institutes of Health Research (CIHR). Awarded to Richard Garfinkle. \$17,500.
- **Feldman L** (co-supervisor). Bourse de Formation de Maitrise pour les Detenteurs d’un Diplome Professionnel from the FRQS 2017-19 (\$78 646) Awarded to Teodora Dumitra
- **Feldman L** (supervisor). Recipient of Bourse de Formation de Maitrise pour les Detenteurs d’un Diplome Professionnel from the FRQS 2017-19 (\$78 646) Awarded to Juan Mata
- **Feldman L** (supervisor). Faculty of Medicine Internal Award to Negar Karimian, PhD in Experimental Surgery. \$12 000
- **Meguerditchian, A** (co-supervisor). “Understanding Depression and Distress in Senior Survivors of Breast Cancer”. CIHR Banting & Best Scholarship awarded to Anna Syrowatka PhD, Epidemiology and Biostatistics, McGill University
- **Mueller C** (supervisor). McGill Entrance Scholarship salary award to Rafik Sorial MSc Experimental Surgery. \$18 000
- **Paraskevas S & Tchervenkov, J.** (co-supervisors) Alissa Rutman – Experimental Surgery Entrance Studentship Award \$7000
- **Vassiliou, M.** Elif Bilgic awarded the Rising Star Award from McGill University Graduate Excellence Fellowship Fund
- **Zogopoulos G** (supervisor). Bourse de Formation de Maitrise pour les Detenteurs d’un Diplome Professionnel from the FRQS Awarded to Yifan Wang.
- **Zogopoulos G** (supervisor). M.Sc. Entrance Studentship, Experimental Medicine, McGill University to Amanda Tanti.
- **Zogopoulos G** (supervisor). M.Sc. Entrance Studentship, Experimental Medicine, McGill University to Dr. Yen-I Chen.

Vascular Surgery:

1) Recognitions

- **Dr. Steinmetz and Dr. J. Afilalo** (Co-supervisors). Laura Drudi MD (R2 vascular) won first prize in the Concours Paul Cartier for best presentation by a resident.

Appendix 1 - Research Grants:

Originating Sponsor	PI Last name	Role	Department	Start Date	End Date	Total Award
SSHRC	Lachapelle K.	Co-PI	Cardiac	2012	2019	\$2,500,000
Quark Pharmaceuticals	Varenes B.	PI	Cardiac	2016	Present	\$50,000
Royal College Medical Education Grant	Muller C	PI	Gen. / Thoracic	2017	2020	\$50,000
Canadian Institutes of Health Research (CIHR)	Basik M.	PI	Gen. Surgery	2017	2022	\$952,425
Pfizer ASPIRE Breast Cancer Research Award	Basik M.	PI	Gen. Surgery	2017	2019	\$200,000
American Society of Colon and Rectal Surgeons.	Bourtos M.	PI	Gen. Surgery	2017		\$20,000
Canadian Red Cross	Deckelbaum D.	PI	Gen. Surgery	2017		\$92,000
Merck Investigator Studies Program	Feldman L.	Co-PI	Gen. Surgery	2017	2019	\$31,620
Merck Investigator Studies Program	Fiore J.	PI	Gen. Surgery	2017	2019	\$313,729
FRQS Établissement de jeunes chercheurs	Fiore J.	PI	Gen. Surgery	2017		\$60,000
CNTRP-Astellas Pharma Research Innovation Grant.	Paraskevas S.	PI	Gen. Surgery	2017		\$25,000
Cancer Research Society - Operating Grant	Zogopoulos G.	PI	Gen. Surgery	2017	2019	\$120,000
Canadian Association of General Surgeons grant	Zogopoulos G.	PI	Gen. Surgery	2017	2018	\$10,000
Pancreatic Cancer Canada Foundation	Zogopoulos G.	Co-PI	Gen. Surgery	2017	2018	\$150,000
Fonds de la Recherche en Santé du Québec (FRSQ)	Antoniou		Orthopedics	2016	2017	\$25,000
Donation, Unity Biotechnics	Haglund L.	PI	Orthopedics	2017		\$40,000
NSERC, CHRP	Harvey M.	PI	Orthopedics	2014	2018	\$301,138
Bayer Health Care Grants4Indications	Harvey M.	PI	Orthopedics	2015	2018	\$428,000
Canadian Institutes of Health Research (CIHR)	Harvey M.	PI	Orthopedics	2015	2018	\$648,239
Mathematics of Info Technology & Complex Systems	Harvey M.	PI	Orthopedics	2015	2018	\$221,000
Fonds de la Recherche en Santé du Québec (FRSQ)	Harvey M.	PI	Orthopedics	2016	2021	\$1,500,000
Orthopaedic Trauma Association, resident grant.	Harvey M.	PI	Orthopedics	2017	2018	\$19,400
Richard and Edith Strauss Canada Foundation	Martineau P.	Co-PI	Orthopedics	2015	2018	\$75,000
CIHR- Arthritis Society	Martineau P.	Co-PI	Orthopedics	2015	2017	\$220,000
Perform Centre Performance Research Grant	Martineau P.	PI	Orthopedics	2016	2018	\$40,000
Réseau de recherché en santé buccodentaire et osseuse (RSBO)	Martineau P.	Co-PI	Orthopedics	2016	2017	\$40,000
Fonds de recherche en santé Québec	Martineau P.		Orthopedics	2016	2020	\$148,000
Canadian Orthopaedic Research Legacy Grant	Martineau P.	PI	Orthopedics	2017	2018	\$20,000
Orthopaedic Trauma Association, resident grant.	Merle G.	Co-PI	Orthopedics	2017	2018	\$19,400
Canadian Institutes of Health Research (CIHR)	Mwale F.	Co-PI	Orthopedics	2014	2020	\$114,013
Canadian Institutes of Health Research (CIHR)	Mwale F.	Co-PI	Orthopedics	2016	2021	\$149,842
NSERC/CIHR	Mwale F.	Co-PI	Orthopedics	2017	2022	\$75,000
Shriners Hospital	St-Arnaud R.	PI	Orthopedics	2013	2018	\$208,155
Shriners Hospital	St-Arnaud R.	PI	Orthopedics	2013	2018	\$41,173
NIH	St-Arnaud R.	PI	Orthopedics	2016	2021	\$213,730
Shriners Hospital	St-Arnaud R.	PI	Orthopedics	2017	2019	\$60,000
Shriners Hospital	St-Arnaud R.	PI	Orthopedics	2017	2021	\$267,080
Canadian Institutes of Health Research (CIHR)	Tanzer M.	Co-PI	Orthopedics	2014	2018	\$237,998
FRQS- PhD Salary Award	Tanzer M.	Co-PI	Orthopedics	2015	2017	\$20,000
Canadian Institutes of Health Research (CIHR)	Tanzer M.	Co-PI	Orthopedics	2017	2020	\$316,284
AO Foundation Start-up Grant Program	Weber MH.	PI	Orthopedics	2016	2018	\$158,000
Baxter Corporation Operational Grant	Weber MH.	PI	Orthopedics	2016	2018	\$30,000
Mitacs-Accelerate Graduate Research Internship Prog	Weber MH.	PI	Orthopedics	2016	2018	\$124,000
The Canadian Spine Research and Education Fund Grant	Weber MH.		Orthopedics	2017	2021	\$200,000
OMeGA Medical Grants Association (USD)	Zukor DJ	CO-PI	Orthopedics	2016	2017	\$20,500
Fonds de la Recherche en Santé du Québec (FRSQ)	Antoniou	PI	Orthopedics	2013	2017	\$180,000
Canadian Institutes of Health Research (CIHR)	Antoniou	Co-PI	Orthopedics	2016	2021	\$749,211
Canadian Institutes of Health Research (CIHR)	Antoniou	PI	Orthopedics	2016	2021	\$630,715
IRSC avec CRSNG	Antoniou	Co-PI	Orthopedics	2017	2020	\$585,774
OMeGA Medical Grants Association (USD)	Antoniou J.	Co-PI	Orthopedics	2017	2018	\$25,000
NSERC Strategic	Barralet J.	PI	Orthopedics	2015	2018	\$501,000
NSERC Engage	Barralet J.	PI	Orthopedics	2016	2017	\$25,000
Plastic Surgery Foundation	Barralet J.	Co-PI	Orthopedics	2016	2017	\$10,000
Robert Matthys Foundation	Barralet J.	PI	Orthopedics	2016	2017	\$40,000
NSERC Create	Barralet J.	PI	Orthopedics	2016	2021	\$1,650,000
NSERC Discovery	Barralet J.	PI	Orthopedics	2011	2017	\$18,000

Canadian Institutes of Health Research (CIHR)	Haglund L.	Co-PI	Orthopedics	2015	2020	\$777,750
Canadian Institutes of Health Research (CIHR)	Haglund L.	PI	Orthopedics	2016	2021	\$573,375
Shriners Hospital, Operating Grant	Haglund L.	PI	Orthopedics	2016	2021	\$712,673
MITACs	Haglund L.	Co-PI	Orthopedics	2016	2018	\$120,000
NSERC ICE CREATE Grant - Biomedical innovation grant	Gilardino M.	Co-PI	Plastic	2016	2022	\$1,600,000
Fonds de la Recherche en Santé du Québec (FRSQ)	Gilardino M.	Co-PI	Plastic	2017	2020	\$60,000
Canadian Institutes of Health Research (CIHR)	Ferri L.	PI	Thoracic Surgery	2014	2019	\$707,201
Fond des Recherche en Santé Québec	Ferri L.	PI	Thoracic Surgery	2016	2020	\$158,502
McGill Graduate Student Scholarship	Muller C.	PI	Thoracic Surgery	2017	2018	\$18,000
SSAT Career Development Award (USD)	Muller C	PI	Thoracic Surgery	2016	2018	\$40,000
McGill University Health Center Research Institute Fnd	Spicer J.	PI	Thoracic Surgery	2015	2018	\$225,000
Third Alton Ochsner Research Scholarship (USD)	Spicer J.	PI	Thoracic Surgery	2015	2017	\$160,000
Rossy Cancer Network Quality & Innovation Research Gr	Spicer J.	PI	Thoracic Surgery	2016	2018	\$100,000
Rossy Cancer Network Quality & Innovation Research Gr	Spicer J.	Co-PI	Thoracic Surgery	2016	2017	\$95,800
Rossy Cancer Network Quality & Innovation Research Gr	Spicer J.	PI	Thoracic Surgery	2016	2017	\$100,000
Henry Shibata Fellowship, Cedars Cancer Foundation	Spicer J.	PI	Thoracic Surgery	2016	2017	\$20,000
Fonds de la Recherche en Santé du Québec (FRSQ)	Spicer J.	PI	Thoracic Surgery	2017	2021	\$196,363
Cedars Cancer Foundation - Henry Shibata Fellowship	Spicer J.	PI	Thoracic Surgery	2017	2018	\$20,000
Procure-Quebec Prostate Cancer Biobank	Aprikian A.	Co-PI	Urology	2006	2018	\$750,000
Fonds de recherché Sante Quebec	Campeau L.	PI	Urology			\$18,000
Rossy Cancer Network – Cancer Quality and Innovation	Campeau L.	PI	Urology			\$100,000
Canadian Urological Association-Astellas	Campeau L.	PI	Urology			\$50,000
Canadian Institutes of Health Research (CIHR)	Chan P.	PI	Urology	2014	2018	\$471,685
Canadian Institutes of Health Research (CIHR)	Chan P.	Co-PI	Urology	2015	2020	\$610,694
Canadian Institutes of Health Research (CIHR)	Chan P.	Co-PI	Urology	2015	2020	\$1,494,120
Canadian Institutes of Health Research (CIHR)	Chan P.	Co-PI	Urology	2015	2020	\$1,265,478
Canadian Institutes of Health Research (CIHR)	Chan P.	Co-PI	Urology	2017	2018	\$100,000
Canadian Institutes of Health Research (CIHR)	Chan P.	Co-PI	Urology	2017	2022	\$167,535
PROCURE Prostate Cancer Biobank	Chevalier S.	PI	Urology	2007	2022	\$162,925
Prostate Cancer Canada Discovery Grant	Dragomir A.	PI	Urology	2015	2017	\$181,415
Subvention d'établissement de jeune chercheur. FRQS	Dragomir A.	PI	Urology	2016	2019	\$60,000
Rossy Cancer Network	Dragomir A.	CO-PI	Urology	2016	2018	\$100,000
Prostate Cancer Foundation	Kassouf W.	PI	Urology	2015	2020	\$80,000
Prostate Cancer Foundation	Labbe D.	PI	Urology	2016	2019	\$75,000
Cancer Research Society	Labbe D.	PI	Urology	2017	2019	\$61,666
Department of Defense, US Army	Lapointe J.	PI	Urology	2011	2017	\$559,518
Canadian Institutes of Health Research (CIHR)	O'Flaherty C.	PI	Urology	2014	2018	\$471,685
Fonds de la Sante du Québec (FRQS)	O'Flaherty C.	PI	Urology	2016	2018	\$148,057
Canadian Institutes of Health Research (CIHR)	O'Flaherty C.	PI	Urology	2017	2018	\$130,150
Canadian Institutes of Health Research (CIHR)	Taketo T.	PI	Urology	2014	2019	\$144,959
Prostate Canada	Tanguay S.	Co-PI	Urology	2015	2019	\$1,218,025
CCSRI Innovation Grant	Tanguay S.	Co-PI	Urology	2015	2018	\$450,000
Total Amount Grants						\$29,526,002
Total Amount New 2017 Grants						\$4,406,426

Appendix 2 - Visiting Professor Program:

Date	Event	Details	Title
16.02.2017	Rocke Robertson VP - Dr. Morad Hameed	MD MPH FRCS FACS, President of the Canadian Association of General Surgeons; Associate Professor and Chief, Section of Trauma and Acute Care Surgery for the Department of Surgery at University of British Columbia.	"Big data, statistical process control, and the future of surgical quality"
30.03.2017	Prof. Russell Gruen (invited and booked by Dr. R. Aggarwal	Director of the Nanyang Institute of Technology in Health and Medicine (NITHM) at Nanyang Technological University in Singapore, one of the world's leading authorities on health systems.	"New frontiers in global surgery engineering"
27.04.2017	2017 Cedar Tabah VP in Surgical Oncology - Alessandro Gronchi MD	Chair Sarcoma Service, Department of Surgery Fondazione IRCCS Istituto Nazionale dei Tumori, Milan – Italy, Chair EORTC Soft Tissue & Bone Sarcoma Group. President Connective Tissue Oncology Society (CTOS) 2016	"Optimizing the approach to Retroperitoneal sarcoma: the case for a trans-atlantic collaboration"
04.05.2017	Colorectal VP - Dr. Herand Abcarian	Professor of Surgery, University of Illinois at Chicago	"Why do we have so much trouble treating anal fistulas?"
11.05.2017	LD Maclean VP - Caprice C. Greenberg, MD, MPH	tenured Professor of Surgery, Morgridge Distinguished Chair in Health Services Research, University of Wisconsin	"Sticky Floors and Glass Ceilings"
18.05.2017	Stikeman VP - Dr. Duke E. Cameron	Director of the Dana and Albert "Cubby" Broccoli Center for Aortic Diseases, The Johns Hopkins Hospital in Baltimore	"The Marfan Syndrome"
25.25.2017	28th Annual Fraser Gurd Day - Elliot Chaikof, M.D., Ph.D.	Chairman of the Roberta and Stephen R. Weiner Department of Surgery Surgeon-in-Chief at the Beth Israel Deaconess Medical Center Johnson & Johnson Professor of Surgery at Harvard Medical School	"Breaking Bad: Thrombosis and Bleeding in the Modern Era"
01.06.2017	Plastic Surgery VP - Dr. Charles E. Butler	Professor and Chairman of the Department of Plastic Surgery at the MD Anderson Cancer Center at the University of Texas.	"Advances in Abdominal Wall Reconstruction"
08.06.2017	Surgery and Anesthesia grand rounds Dr. Leah Gramlich	MD FRCP Professor of Medicine, University of Alberta Provincial Medical Advisor Nutrition Services, AHS Medical Co-Lead ERAS Alberta	"Enhancing Recovery After Surgery In Alberta Health Services: System Transformation Through Knowledge Translation"
14.09.2017	13th Flanders Family Visiting Professor in Medical Simulation - Dr. Mary Mancini	Professor, Senior Associate Dean for Education Innovation and Chair for Undergraduate Nursing Programs at the University of Texas at Arlington College of Nursing and Health Innovation	"High-Performance Healthcare through Simulation" Combined Surgical and Anesthesia Grand Rounds
28.09.2017	Harvey Sigman Lecture in SE - Dr. Karen Horvath	KAREN D. HORVATH, MD, FACS Professor of Surgery Residency Program Director Associate Chair for Education University of Washington in Seattle	"Progress, People and Deliberate Simplicity in Surgical Education"
02.11.2017	HPB VP - Pierre Alain Clavien	MD, PhD, FACS (hon), ASA (hon), FRCS (Eng), FRCS (Ed) Membre d'honneur de l'Académie Française de Médecine	"The future of the surgeon. The inevitable switch"
09.11.2017	18th annual Steinberg-Bernstein Visiting Professor in Minimally Invasive Surgery - Steve Eubanks, M.D	Executive Director, Institute for Surgical Advancement Director of Academic Surgery & Center for Specialized Surgery	"Innovation in an Era of Cost Containment"