

ANNUAL REPORT 2021

Submitted by Eduardo L. Franco, O.C., MPH, DrPH, PhD (Hon), FRSC, FCAHS
James McGill Professor and Minda de Gunzburg Chair
Gerald Bronfman Department of Oncology

Annual Report prepared by Gayle A. Shinder, PhD, Chair's Senior Advisor for Academic Programs, Gerald Bronfman Department of Oncology.

Foreword by the Chair

In 2020 I created two task forces to address pressing needs in cancer control and care both locally and globally. The McGill Task Force on the Impact of COVID-19 on Cancer Control and Care is chaired by **Wilson Miller**. The goal of this task force is to prepare a contingency plan to mitigate risks for individuals with cancer in the McGill health network. Data (previous years to the present day) focusing on various aspects of cancer-related services across the network are being collected to determine which activities associated with cancer screening and care have been suppressed or altered due to the pandemic and how this has affected outcomes. The Task Force on Global Oncology is chaired by **Tarek Hijal**. The mandate of this task force is the development and implementation of a vision for global oncology education, research, policy, and service. I created this task force in response to a broader call for action in global health from the Faculty's School of Population and Global Health, and we will share information with them regarding the task force's activities. Throughout 2021 the Task Forces held regular meetings and their accomplishments are summarized in this report. As of January 2022, I restructured the two Task Forces as permanent programs in the department with their own funding lifelines. **Wilson Miller** continues as Director of the COVID-19 and Cancer Program while **Argerie Tsimicalis** was appointed as the Director of the Global Oncology Program when Tarek Hijal stepped down to take on a major ministerial role overseeing radiation oncology across the province.

The 5th Gerald Bronfman Department of Oncology Distinguished Lecture and Awards Ceremony was held on November 29, 2021. The event was held virtually via Zoom with livestreaming on YouTube. The webcast is available for viewing at <https://youtu.be/Df9TqbzpmZE>. This year's Distinguished Lecturer was **Randy Schekman** from UC Berkeley, a cell biologist who received the Nobel Prize in Physiology or Medicine in 2013. Departmental merit awards were presented to **Lucy Gilbert** (Research), **Manuel Borod** (Clinical Service and Innovation), **Cristiano Ferrario** (Teaching and Mentorship) and **Tatjana Nisic** (Academic, Clinical or Research Support). **Brian Leyland-Jones**, the inaugural Chair of the Department of Oncology, was the recipient of the Lifetime Achievement Award.

We continued our popular "Focus on Faculty" profile series which I began in June 2015. The following faculty members were profiled: Radiation Oncology (**Fabio Cury**); Pediatric Oncology and Cancer Genetics (**Catherine Goudie**); Hematology/Oncology (**Nathalie Johnson, Shireen Sirhan**); Diagnostic Radiology (**Caroline Reinhold**); Basic Cancer Research (**Moulay Alaoui-Jamali, Jerry Pelletier**); Medical Physics (**Horacio Patrocinio**); Surgical Oncology (**Elliot Mitmaker**); Cancer Epidemiology (**Belinda Nicolau**); and Medical Oncology (**Jamil Asselah, Victoria Mandilaras**)

As of 2020 the Chair's Office of the Gerald Bronfman Department of Oncology took over coordination of the Rössy Cancer Network's Cancer Care Quality and Innovation (CQI) Research Fund and Education Fund (Skills Enhancement Grant and Kuok Fellowship) competitions. In the spring of 2021 three Research Fund Grants were awarded in response to the November 2020 Call for Applications. In November 2021 a new Call for Applications was announced. In the fall of 2021 four Kuok Fellowships were awarded and these were announced at the Gerald Bronfman Department of Oncology Distinguished Lecture and Awards Ceremony. Further details about the Research Fund and Kuok Fellowship recipients are in this report.

The Department underwent several staff changes in 2021: **Talia Malagón** replaced **Farzin Khosrow-Khavar** as Senior Data Analyst and Epidemiologist. **Diana Gorea**, who had helped with the Medical Oncology Residency Training Program internal review, left us to move to another position at McGill. **Vanessa Preddie** replaced **Geralda Bacaj** as coordinator of the Medical and Surgical Oncology Residency Training Programs. AEC-7, which provides services to the Department of Oncology, also underwent some

Annual Report 2021 – Gerald Bronfman Department of Oncology

staffing changes: **Stephanie Larocque** replaced **Christina Raneburger** as Associate Director and **Francesco Rizzo** replaced Stephanie Larocque as Student Affairs Officer.

Finally, the Department was a Bronze sponsor of the 2021 Canadian Cancer Research Conference.

On the subsequent pages we report just a small fraction of the many accomplishments of our large Department which has over 200 faculty members

Eduardo Franco, O.C., MPH, DrPH, PhD (Hon), FRSC, FCAHS
James McGill Professor
Minda de Gunzburg Chair in Oncology
Chair, Gerald Bronfman Department of Oncology

Summary of Department Activities

1. McGill Task Force on the Impact of COVID-19 on Cancer Control and Care (Chaired by Wilson Miller)

The Task Force has already carried out or has launched research activities on several fronts:

- Systematic reviews of outcomes from lag times in cancer care trajectories.
- Reviews of provincial, national, and international policies related to cancer care and control as affected by the pandemic.
- Cross-Canada surveys of healthcare providers concerning the impact on screening services.
- Surveys of policies related to primary prevention activities affected by the pandemic.
- Record linkage studies using Quebec's healthcare databases to measure care delays, therapeutic substitutions, and clinical outcomes before and after the pandemic.
- Epidemiological modeling of the short- and long-term impact of the pandemic on cancer incidence and mortality in Canada.
- Other hospital-based groups presented their projects to the task force. Projects focused on breast cancer, lung cancer, endometrial cancer, patient needs, mental health disparities.
- Eduardo Franco presented a progress report for the research done by the Task Force at a virtual lecture to the Camargo Cancer Centre in Sao Paulo, Brazil on October 20.
- Publications
 - ❖ Eliya Farah, Rami Ali, Parker Tope, Mariam El-Zein, Eduardo L Franco, McGill Task Force On Covid-And Cancer. A Review of Canadian Cancer-Related Clinical Practice Guidelines and Resources during the COVID-19 Pandemic. *Current Oncology*, 2021 Feb 25;28(2):1020-1033.
 - ❖ Talía Malagón, Jean H E Yong, Parker Tope, Wilson H Miller Jr, Eduardo L Franco, McGill Task Force on the Impact of COVID-19 on Cancer Control and Care. Predicted long-term impact of COVID-19 pandemic-related care delays on cancer mortality in Canada. *Int J Cancer*. 2022 Apr 15;150(8):1244-1254. doi: 10.1002/ijc.33884. Epub 2021 Dec 3.
 - ❖ Goulнар Kasymjanova, Aksa Anwar, Victor Cohen, Khalil Sultanem, Carmela Pepe, Lama Sakr, Jennifer Friedmann, Jason S Agulnik. The Impact of COVID-19 on the Diagnosis and Treatment of Lung Cancer at a Canadian Academic Center: A Retrospective Chart Review. *Curr Oncol*. 2021 Oct 20;28(6):4247-4255. doi: 10.3390/curroncol28060360.

2. Task Force on Global Oncology (Chaired by Tarek Hijal)

- Development and approval of new course, ONCO 645 - Seminars in Global Oncology which began January 2022.
- Presentations to the task force:
 - ❖ Danielle Rodin, Director of Global Cancer Program at Princess Margaret Hospital, Toronto
 - ❖ Benjamin O. Anderson, Chair and Director, Breast Health Global Initiative (BHGI) Full Member, Fred Hutchinson Cancer Research Center, Professor of Surgery and Global Health Medicine, University of Washington
 - ❖ Albert Einstein Hospital and Santa Catarina Hospital in Sao Paulo Brazil: Osmar Barbosa Neto, Juliana Karassawa, Diogo Bugano, Roberto Sakuraba, Ana Fernanda Centrone, Mileny Tomaz
A Memorandum of Understanding for a partnership is being drafted. Fabio Cury (Radiation Oncology) is taking the lead on this.
 - ❖ Santa Marcelina Hospital in Sao Paulo Brazil: Sidnei Epelman.
McGill Department of Family Medicine has an MOU with Santa Marcelina hospital. The Task Force plans to add an oncology partnership to the MOU.

- ❖ Aga Khan University Hospital, Nairobi : Miriam Mutebi
- The Task Force was Invited to organize the 2022 Global Oncology Workshop (Pan-Canadian). Tarek Hijal and Zeev Rosberger will be co-chairs with Argerie Tsimicalis.

3. Rosy Cancer Network (RCN)

- 2020 CQI Research Fund Competition (Grants awarded in spring 2021) – Total awarded: \$287,538
 - ❖ **Marylise Boutros** - Early ileostomy closure following restorative proctectomy for rectal cancer patients: A North American multicenter randomized-controlled trial (RCT).
 - ❖ **Sylvie Lambert** - The use of Patient Report Outcomes (PROs) to improve integrated care among patients diagnosed with lung cancer and treated across different cancer centres
 - ❖ **Argerie Tsimicalis** - Developing an mHealth Application to Coordinate Nurse-Provided Respite Care Services For Families Coping with Palliative-Stage Cancer

The 2021 CQI Research Fund – Call for Applications went out in November with a deadline of January 31, 2022

- 2021 Kuok Fellowships Awarded
 - ❖ **Justine Albert**, MSc candidate (supervised by Dr. Carmen Loïselle) for the project entitled, Palliative and end-of-life experiences among English-speaking informal caregivers in Québec.
 - ❖ **Nicole Andersen**, MA candidate (co-supervised by Dr. Robert Turcotte and Dr. Annett Körner) for the project entitled, Evaluating the Greatest Impacts on Health-Related Quality of Life in Soft-tissue Sarcoma Patients.
 - ❖ **Maria Doris Duran Napolitano**, PhD candidate (co-supervised by Dr. Belinda Nicolau and Dr. Jay Kaufman) for the project entitled, Impact of diagnosis-to-treatment intervals on head and neck cancer patients.
 - ❖ **Renata Iskander**, PhD candidate (supervised by Dr. Jonathan Kimmelman) for the project entitled, Patient Burden in Drug Development: An Empirical and Normative Investigation.
- RCN Retreat (November 26, 2021)
 - ❖ Eduardo Franco presented on the CQI Research and Education Grants as well as on the Gerald Bronfman Department of Oncology.
 - ❖ Wilson Miller presented on the COVID-19 and Cancer Task Force.

4. Research and Publications

Cancer-related research, teaching and clinical care are conducted throughout McGill and its affiliated hospitals, namely at the Goodman Cancer Research Centre, the McGill University Health Centre (MUHC) including the Cedars Cancer Centre and the MUHC Research Institute, the Jewish General Hospital (JGH) including the Segal Cancer Centre (Lady Davis Institute), St. Mary's Hospital Center (SMHC) and at the Department's headquarters located at 5100 de Maisonneuve Blvd. West, Suite 720. Cancer-related research activities at McGill include:

- Basic research focusing on understanding at the molecular, cellular, and tissue levels the development and growth of tumours and their resistance to therapy;
- Translational research for the development and testing of novel therapeutics; biomarkers, and molecular signatures as targets for cancer detection or treatment;
- Phase I, II and III clinical research studies testing the efficacy of new cancer treatment therapies;
- Radiation physics studies to improve the delivery of radiotherapy;
- Genetic studies of inherited susceptibility to cancer;
- Epidemiological studies of the etiology, prevention, screening, and prognosis for several cancers;

Annual Report 2021 – Gerald Bronfman Department of Oncology

- Psychosocial research aimed at improving the emotional well-being and quality of life of cancer patients and their families, and managing pain and other symptoms of the disease;
- Health systems research aimed at improving the quality of cancer care and clinical outcomes.

Publications (full list: <https://www.mcgill.ca/oncology/about-department/annual-reports>)

Major Funding (our researchers are successful in earning many grants but this one is special)

- **John Kildea** (Principal Investigator) and **Tarek Hijal** (Clinical Lead) received \$10 million in funding over three years for the project entitled "The Quebec SmartCare Consortium". The consortium is a group of public and private partners who are coming together to demonstrate the power of SmartCare, which they define as the combined use of patient-centered data, mhealth, remote monitoring, and AI research. The technology behind Opal will serve as a data-sharing hub linking data from wearable devices on patients in the real world with clinicians and ultimately with researchers. Quebec SmartCare Consortium website.

5. Clinical Innovation

- The MUHC Medical Physics Department under the leadership of William Parker put into service a new afterloader system for brachytherapy with minimal interruption of clinical operations, a significant clinical achievement.
- Sonia Skamene developed a McGill faculty Quality Improvement (QI) training program to build capacity in the McGill Department of Medicine

6. Teaching and Learning

- Graduate Diploma in Oncology
 - ❖ 2020-2021 (First cohort): Eight students (six full-time, two part-time). Five students focused on clinical cancer research, two on population and global cancer control and one on psychosocial oncology/palliative care. There was a broad range of practicum projects conducted by the full-time students. Topics included lung cancer, women's cancers, patient support, tumor boards, and the effect of the COVID-19 pandemic on the patient experience. Specific titles (area of focus) include:
 - Lung cancer treatment pattern during COVID-19 era, wait-time and outcomes A retrospective chart review (clinical cancer research).
 - Can a ketogenic diet contribute to a decrease in ovarian or endometrial cancer recurrence? (clinical cancer research).
 - Assessment of the clinical utility of molecular tumor board (clinical cancer research).
 - OncoBuddy and OncoConseil - A research project to integrate peer-to-peer support and peer advice into the Opal patient portal (clinical cancer research).
 - A review of ethical and legal aspects of gender-neutral human papillomavirus vaccination (population and global cancer control).
 - Better understanding distress and quality of life trajectories in oncology patients during the COVID-19 pandemic: Longitudinal prospective study to guide supportive interventions (psychosocial oncology/palliative care).
 - ❖ The 6 full-time students graduated. Two of the students are now doing their master's degree: Maggie Logel, under the supervision of Eduardo Franco; Justine Albert under the supervision of Carmen Loisele. Justine Albert was awarded a Kuok Fellowship.
 - ❖ Very positive feedback from the first cohort regarding the program and the new ONCO courses. Here is the testimonial from one student:

“Choosing to go into this program was one of the greatest decisions of my life - I had just finished my undergraduate degree and I was looking for something that didn’t have a long time commitment, and that was interesting and applicable to me. I couldn’t have made a better decision because looking back, I wouldn’t be where I am today without it. This program allows you to choose a specific area of focus, and I chose Clinical Cancer Research, so I was able to learn about clinical trials in graduate studies and use this knowledge to jump right into clinical research after completing the program.”

In its inaugural year, the program had eight students, of whom six were full-time and two were part-time. 2021-2022 (Second cohort): 10 new students and 1 part-time from 2020-2021 cohort. Of the 10 new students, 6 are full-time and 4 are part-time.

- ❖ Approval of ONCO 611 – Proteomics for Precision Medicine and ONCO 645 – Seminars in Global Oncology. Both courses to start in winter 2022. With the existing 6 courses, we now have 8 under the ONCO rubric.
- ❖ Formed a partnership with the Department of Surgery to allow our graduate diploma students to engage in Experimental Surgery learning opportunities and earn an MSc non-thesis degree.
- Interdisciplinary Program in Cancer Sciences

Work is underway to create an Interdisciplinary Program in Cancer Sciences. The planning committee is chaired by Aimee Ryan, Associate Dean of Graduate and Postdoctoral Studies in the Faculty of Medicine and Health Sciences. The Department Chair’s Office (Gayle Shinder, Luke McCaffrey – Koren Mann) has been playing a key role in the planning process.
- Undergraduate Medical Education (UGME)
 - ❖ Online lectures in oncology provided to second- and third-year students.
 - ❖ Participation in oncologic tumor boards for the second year TCP (Transition to Clinical Practice) students.
 - ❖ Shifting back to in-person learning for students and work is being done so this can be achieved safely for all involved for the next academic year.
 - ❖ There was an increase in interest and the number of elective students rotating in radiation oncology.
- Postgraduate Medical Education (PGME)
 - ❖ Quality Improvement and Patient Safety (QIPS) Curriculum led by Sonia Skamene: 45 participants at the first workshop in the series, trainees across Canada in the three oncology disciplines.
 - ❖ New cancer epidemiology rotation for residents in the radiation, medical and surgical oncology programs.
 - ❖ Radiation Oncology
 - The Fellowship program is growing.
 - Revamped medical physics curriculum.
 - Launch of a new national written exam.
 - ❖ Medical Oncology
 - Revamping of the curriculum with new tumour site-based rotations.
 - Successful career development day.
 - Launch of the medical oncology “bootcamp” sessions for new trainees.
 - ❖ Surgical Oncology
 - Surgical Oncology School (SOS curriculum) - a fellow-initiated curriculum geared towards complex decision making in surgical oncology. Conferences occur on a weekly basis with local, national and international faculty in surgical oncology to facilitate sessions on a variety of topics.

- Surgical Oncology Fellows Clinic - a clinic for the surgical oncology fellows to gain experience in the full spectrum management of complex surgical oncology patients.
- Creation of pre-and post-operative pathways created for Cytoreductive Surgery and HIPEC surgery along with patient educational documents.
- Received RCN QI grant for HIPEC project. (Sarah Corn, Ghader Jamjoum, Sinziana Dumitra).
- ❖ Medical Physics Unit (MPU)
 - The MPU's teaching programs in Medical Physics produced 8 MSc graduates, 3 PhD graduates and 4 residents in 2021.
 - Despite working mostly remotely, the MPU maintained a strong teaching and research program in 2021 with 16 students enrolled in the MSc program, 20 students in the PhD program, and 9 Medical Physics residents spread over 6 hospitals.
 - Shirin Enger's lab organized a highly successful eight weeks-long workshop on medical image analysis and deep learning, with attendees from 38 countries.
 - MPU faculty and trainees published more than 20 peer-reviewed articles in prestigious international journals and made more than 25 oral presentations at international conferences. Numerous students won awards for their presentations.
 - Several MPU faculty and trainees were invited to contribute to the development of international guidelines on radiotherapy dosimetry, quality assurance, and data standards.
- ❖ Visiting Speakers Program in Oncology
 - Ronan Foley (Canada): Relapsed/Refractory Peripheral T-Cell Lymphoma
 - Matti Aapro (Switzerland): Febrile Neutropenia
 - Thierry André (France): Colorectal Cancer
 - Hope Rugo (USA): Metastatic Breast Cancer
 - Brian Rini (USA): Renal Cell Carcinoma
 - James Larkin (UK-England): Metastatic Melanoma
 - Ferdinandos Skoulidis (USA): Non-Small-Cell Lung Cancer

7. Involvement in the Community

- **Sonia del Rincon:** Regional Representative for the Melanoma Network of Canada. Patient advocacy – Scientific liaison.
- **Michael Witcher:** Patient partnership with the Canadian Cancer Conference. Engaged with cancer patients regarding their disease, therapies and answered questions regarding conference seminars.

8. Milestones

New Appointments (31 new members)

- **Stephen Robbins** – Professor (Basic Cancer Research)
- **Donna Senger** – Associate Professor (Basic Cancer Research)
- **Nicholas Meti** – Assistant Professor (Medical Oncology).
- **Samara Perez** – Assistant Professor (Psychosocial Oncology)
- **Yannick Poirier** – Assistant Professor (Medical Physics)
- **Ipshita Prakash** – Assistant Professor (Surgical Oncology)

Annual Report 2021 – Gerald Bronfman Department of Oncology

- **April Rose** – Assistant Professor (Medical Oncology and Basic Cancer Research)
- **Ramy Saleh** – Assistant Professor (Medical Oncology)
- **Stephanie Wong** – Assistant Professor (Surgical Oncology)
- **Sylvie Bouchard** – Faculty Lecturer (Palliative Care)
- **Najwa Buhlaiga** – Faculty Lecturer (Medical Oncology)
- **Véronique Fortier** – Faculty Lecturer (Medical Physics)
- **Shereen Ghali** – Faculty Lecturer (Hematologic Oncology)
- **Paul Ramia** – Faculty Lecturer (Radiation Oncology)
- **Rose-Marie Rouleau** – Faculty Lecturer (Hematologic Oncology)
- **Asma Saidi** – Faculty Lecturer (Radiation Oncology)
- **Sarit Assouline** – Associate Member (Hematologic Oncology)
- **Carolyn Elbaz** – Associate Member (Hematologic Oncology)
- **Laura Habib** – Associate Member (Hematologic Oncology)
- **Claudia Kleinman** – Associate Member (Basic Cancer Research)
- **Sylvie Lambert** – Associate Member (Psychosocial Oncology)
- **Annie Leung** – Associate Member (Gynecologic Oncology)
- **Shen Li** – Associate Member (Hematologic Oncology)
- **Koren Mann** – Appointment changed from Associate Professor to Associate Member
- **Peter Nugus** – Associate Member (Health Care Research)
- **Liya Roudaia** – Associate Member (Hematologic Oncology)
- **Justin Sanders** – Associate Member (Palliative Care)
- **Erin Strumpf** – Associate Member (Cancer Epidemiology; Health Economics)
- **Paz Polak** – Adjunct Professor (Cancer Genetics)
- **Saad Aldelajian** – Affiliate Member (Medical Physics)
- **Vera Hirsh** – Emeritus Professor

Other Appointments

- **Sylvie Lambert** – Associate Director Research, Ingram School of Nursing
- **Koren Mann** – Chair, Department of Pharmacology and Therapeutics
- **Justin Sanders** – Kappy and Eric M. Flanders Chair in Palliative Care Medicine
- After more than 10 years as Director of the Medical Physics Unit, **Jan Seuntjens** stepped down so that he could take the position of Chief of Medical Physics at the Princess Margaret Cancer Centre in Toronto. **Shirin Enger**, **Ives Levesque**, and **John Kildea** are Interim Co-directors.

Promotions and Tenure

- **Joanne Alfieri**: Promoted to Associate Professor
- **Arezu Jahani-Asl**: Promoted to Associate Professor
- **Sylvie Bouchard**: Promoted to Assistant Professor
- **Monica Serban**: Promoted to Assistant Professor

Departures

- **Robin Cohen** (Retired)
- **Ingrid Hings** (Retired)
- **Vera Hirsh** (Retired)
- **Joan Zidulka** (Retired)

Obituaries

- Kris Jardon (1969-2021)

Years of Service Milestones

15 Years Jennifer Gumbley Janusz Rak Allita Rodrigues	20 Years Lucy Gilbert Jian Hui Wu	25 Years Louis Collins Michael Hier Beatrice Wang	30 Years Moulay Alaoui-Jamali Jerry Pelletier Caroline Reinhold
35 Years Howard Bergman	50 Years Richard Margolese		

9. Honours, Awards and Prizes

- **Joanne Alfieri**
 - ❖ 2021-2022 Faculty Honour List for Educational Excellence
 - ❖ Canadian Association for Medical Education CAME/ACEM Certificate of Merit: To promote, recognize and reward faculty committed to medical education in Canadian medical schools.
- **Jamil Asselah:** Appointed as President of the Executive Scientific Committee of the McPeak-Sirois Group
- **Mark Basik:** Received grant from the "100 Years of Research" Competition (Cancer Research Society and Quebec Breast Cancer Foundation)
- **Julia Burnier**
 - ❖ Canadian Cancer Society Emerging Scholar Award
 - ❖ Julia Burnier’s PhD student, Prisca Bustamante, was awarded the Mitacs Award for Outstanding Innovation for the development of the first non-invasive blood screening test for the early detection of eye cancer
- **Fabio Cury**
 - ❖ Barbara Bourne Tiffin Award”, from the Montreal General Hospital Foundation
 - ❖ Elaine T. & Charles H. Peters Award in Medical Oncology from the Montreal General Hospital Foundation
 - ❖ Inez and Willena Beaton Award in Oncology, from the Montreal General Hospital Foundation
- **Sonia del Rincon:** Canadian Cancer Society Emerging Scholar Award
- **Carolyn Freeman**
 - ❖ Selected by CARO for the 3rd annual “Women in Radiation Medicine” talk
 - ❖ Presentation at the annual colloque of the Programme québécois de cancérologie November 2021 on the MUHC CCM Transition of Care Program
 - ❖ Award of the Programme québécois de cancérologie November 2021 for work on hypofractionation
 - ❖ Lectureship created in her name, by the Cedars Cancer Foundation
- **Lucy Gilbert:** Named as one of the top 25 Women of Influence
- **Vera Hirsh:** Lifetime Achievement Award, Canadian Lung Cancer Virtual Conference
- **Nada Jabado:** Robert L. Noble Prize, Canadian Cancer Society
- **Claudia Kleinman:** Bernard and Francine Dorval Prize, Canadian Cancer Society
- **Antonis Koromilas:** Greek of Diaspora Fellowship Award (GDF), Stavros Niarchos Foundation
- **Ives Levesque:** Fellow of the Canadian College of Physicists in Medicine
- **Carmen Loiselle:** National Bank-Innovation and community support award 2021. Quebec Breast Cancer Foundation. Virtual Award Ceremony.

Annual Report 2021 – Gerald Bronfman Department of Oncology

- **Morag Park**
 - ❖ Chevalière of the National Order of Quebec
 - ❖ Co-lead for the Quebec-based consortium of the Marathon of Hope Cancer Centres
 - ❖ Led the initiative for the Goodman Cancer Centre to become the Goodman Cancer Institute
 - ❖ Received grant from the “100 Years of Research” Competition (Cancer Research Society and Quebec Breast Cancer Foundation)
 - ❖ Armand-Frappier Prix du Québec
- **Michael Pollak:** Named to the new cancer prevention working group of the American Association for Cancer Research (AACR)
- **April Rose:** Top Ranked Abstract; 2021 Virtual Scientific and Career Development Retreat, Conquer Cancer Foundation of ASCO, Alexandria, VA, USA
- **George Shenouda:** The Cedars Cancer Foundation Career Award 2021
- **Peter Siegel:** One of five McGill researchers who was awarded a Genomic Integration Program, Human Health Science Stream grant from Genome Quebec
- **Luis Souhami:** Cedars Award of Merit & Recognition for Outstanding Leadership in Oncology at MUHC
- **Anna Towers:** MUHC Lymphedema Center of Excellence – international recognition by Stanford University-based LE&RN (Lymphedema Education and Research Network), USA, November 2021
- **Michel Tremblay:** Wilder-Penfield Prix du Québec
- **James Tsui :** Cedar Cancer Center / McGill University Health Centre (MUHC) – Dr. Henry R. Shibata Fellowship Award

FRQS Salary Awards

Chercheurs-boursier

- Arezu Jahani-Asl
- Luke McCaffrey
- Michael Witcher

Chercheurs-boursier cliniciens

- April Rose
- Stephanie Wong
- George Zogopoulos