



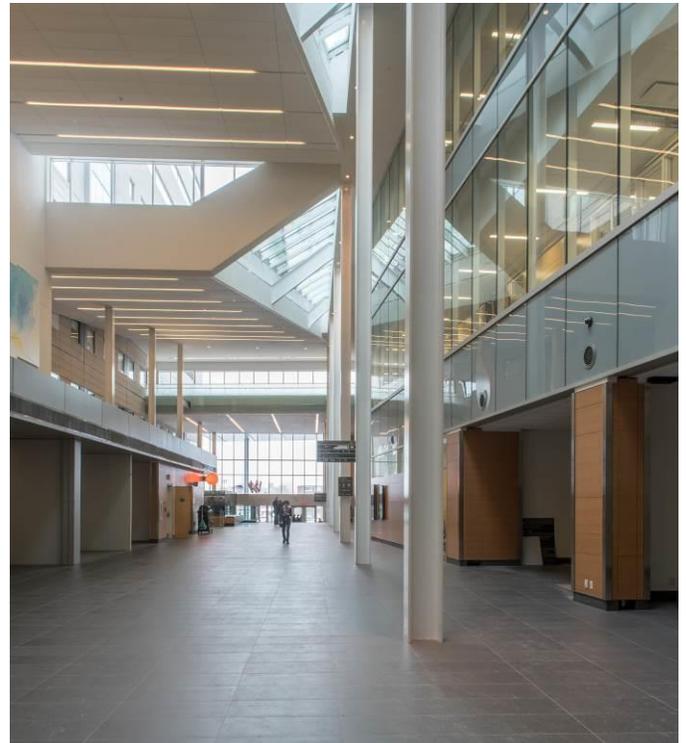
Jewish General Hospital  
Foundation

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# CAMPAIGN PROGRESS REPORT

April 1, 2015 to March 31, 2016

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# *You have the Power to Heal!*

In 2015-2016, the JGH Foundation's [Power to Heal](#) campaign—its most ambitious Capital Campaign to date, with a goal in excess of \$250 million—continued to progress.

We are proud and gratified to report that over **\$164 million** in pledges and direct gifts has been raised as of March 31, 2016—now approaching **\$211 million** as this publication goes to press. This growth is obviously the result of the generous spirit of our donors and the dedication of our leaders: campaign Co-Chairs Harvey Levenson, Christine Marchildon and Bernard Stotland, FCPA, FCA; our devoted Vice-Chairs Ralph Benatar, Gaby Bitton, André Bureau, O.C., Q.C., Jean Bureau, Pierre Brosseau, André Charron, Vincent Guzzo, and Pierre Meloche, O.C.; Senior Advisor Edward Wiltzer; and Honourary Chairs France Chrétien Desmarais, C.M., Leo Kolber, O.C., and Michael Sabia.

The campaign has had a profound impact on the JGH's ability to provide outstanding, quality medical care to our population. This has been manifested in so many ways, be it the best and latest equipment, the renovation of facilities, support for research and most importantly, the recruitment of physicians, clinician scientists, nurses and allied health professionals. In the following pages please note how every dollar donated to the [Power to Heal](#) campaign makes an important difference for our patients.



Our Capital Campaign theme,  
***You have the Power to Heal,***  
expresses the very essence and core of  
what the JGH and its supporters are all about.

It sums up in a few words our common goal of  
achieving better health and better health care  
for the people of Montreal and Quebec,  
now and in the future.

It represents the fact that each of us is a stakeholder  
and plays an important role when it comes to  
ensuring the continued health and well-being  
of those we love and, indeed, the entire community.

It stands for the power that each one of us has  
to make a difference and what can be accomplished  
when our hospital's leaders, medical staff and generous donors  
come together for a common purpose.

# Bringing the best and brightest doctors and researchers to Montreal and Quebec, and supporting their work

## 2015-2016



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**Dr. Emmanuel Moss** joined the JGH Division of Cardiac Surgery on July 13, 2015. A McGill University graduate, he completed a residency in cardiac surgery at University of Montréal from 2006 to 2012. He then did a fellowship at Emory University in Atlanta, Georgia, in advanced cardiac surgery and coronary surgery between 2012 and 2014, followed by a fellowship in robotic valvular and coronary surgery between 2014-2015. His recruitment was made possible thanks to the support provided by the Gross/Teitelbaum Families Distinguished Scientist Award in Cardiac Surgery. This is an endowment fund established by Saryl and Stephen Gross and Maily and Irving Teitelbaum for one overriding purpose: to ensure that the people of Montreal and Quebec benefit from the latest advances in skills, knowledge, instrumentation and technology in cardiac surgery. Since his arrival, Dr. Moss has been working on mitral and tricuspid valve repair with Dr. Felix Ma and on bypass surgery with Dr. Jean-François Morin.



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**Dr. Alexandre Orthwein** joined the Cancer Research Axis at the Lady Davis Institute as a Principal Investigator in late 2015, having completed his postdoctoral training at the Lunenfeld-Tanenbaum Research Institute in Mount Sinai Hospital, Toronto. An expert in B-cell biology and malignancies, his research focuses on understanding the mechanisms by which B-cells diversify their genome to elicit a protective immune response against pathogens. He is particularly interested in how this process, called antibody diversification, can lead to the formation of haematological cancers, including lymphoma, leukemia and multiple myeloma. Dr. Orthwein's laboratory at the LDI will explore genome stability in B-cells and its link to the emergence of immune deficiencies and B-cell malignancies, with the ultimate goal of defining reliable biomarkers for the diagnosis of lymphoma and multiple myeloma and defining potential drug targets for the treatment of patients affected by these diseases.

# Providing the finest facilities, equipment and programs to deliver excellence and meet the changing healthcare needs of Quebecers

## 2015-2016

- Ongoing support for the **JGH Azrieli/Israel Fellowship program**, which provides vital funding to recruit and train talented Israeli medical practitioners and researchers each year. In 2015-16, these included: Dr. Remi Shoukrun who is completing a two-year fellowship in Head and Neck Oncologic Surgery and Reconstructive Surgery, Dr. Gil Shechter-Maor who is in his second year of a 2-year fellowship in High Risk Pregnancy, and Dr. Gabriel Gutman, who has been accepted for a 2-year fellowship in spinal surgery. Dr. Shoukrun is also the holder of the prestigious **Martin J. Black Endowment Fund for Fellowship Training in Head and Neck Oncology**, which supports the recruitment and training of skilled head and neck oncology surgeons, not only at the JGH but across Quebec. All three physicians will apply the expertise that they have gained from their Fellowship training in their respective home cities, often becoming the key experts at the local or even national level.
- Renewed major support for the **Peter Brojde Lung Cancer Centre** is strengthening the patient-centred facility's ability to provide the growing number of lung cancer patients being treated at the JGH with all of the services they need in a single, dedicated location. The Centre is dedicated to holistic and personalized patient care that enhances treatment efficacy and the quality of life of patients with lung cancer, and their families, by combining the best that conventional medicine and modern science has to offer with practices relating to diet, yoga, exercise, Ti Ji, psycho/social counselling and therapies found in Traditional Chinese Medicine. Working in conjunction with clinical departments throughout the Segal Cancer Centre and JGH, the Centre provides a comprehensive, coordinated approach to care that seeks to detect tumours earlier and stage them more accurately, provide better and more targeted treatments, and integrate traditional Chinese medicine into standard treatments. Special programs are also devoted to family members and caregivers. The Centre also promotes prevention strategies to reduce lung cancer incidence and conducts cutting-edge research in experimental therapeutics to improve outcomes and quality of life for all patients with lung cancer, especially those with advanced disease undergoing treatment. Current priorities include maximizing the proportion of patients having access to appropriate new therapies, including treatments targeting tumour-specific growth signals and immune response that offer the promise of more effective and specific anti-cancer action with less toxicity to normal tissues, and investigating and developing approaches that incorporate complementary medical therapies to protect or strengthen normal tissues and to enhance the effects of any anticancer treatment.
- With **20 new cribs**, the Family Birthing Centre of the JGH Maternal Child Health Division, now located in the new Pavilion K, is able to provide optimal comfort and safety to the more than 3,800 babies that it delivers each year.



- **Upgrades to the Flow Cytometer** of the Lady Davis Institute, including an enhanced supply system and a high throughput sampler, have considerably reduced the time it takes to test patient samples. Flow cytometry is a technology employed in cell counting, cell sorting, biomarker detection and protein engineering. It is routinely used in the diagnosis of health disorders, especially blood cancers, but has many other applications in basic research, clinical practice and clinical trials. This upgrade will contribute to accelerate the rate of discovery for all cancer research and non-cancer related research, such as cardiovascular disease and hypertension, conducted at the LDI using this technology.
- Pathologist Dr. Andreas Papadakis, who completed his Ph.D. program at the Lady Davis Institute (LDI) in 2011 and his postdoctoral fellowship at the Goodman Cancer Research Centre (GCRC), was named the recipient of the **2<sup>nd</sup> Annual National Bank Excellence in Research Award**. This award has been established by the National Bank of Canada to advance medical research in the area of molecular pathology as part of a longstanding commitment to the Jewish General Hospital (JGH). Dr. Papadakis will use state of the art technologies and infrastructure at the LDI and Goodman Centre to develop a novel therapeutic strategy based upon a strong prognostic biomarker for cutaneous melanoma.
- Support for the ongoing operation of the **JGH/McGill Memory Clinic** – the largest of its kind in Canada –, which is entirely funded by private donations. The clinic provides unparalleled expertise in the early diagnosis and treatment of memory disorders and dementia. As a major centre for the recruitment of memory-impaired or Alzheimer’s disease subjects into studies of new therapies, it plays a vital role in making possible clinical trials that enable patients to have access to new, cutting-edge treatments and drugs before they become widely available.
- Ongoing support for the **Ludmer Centre for Neuroinformatics and Mental Health**. This initiative will harness basic and clinical research at the Douglas Institute, McGill University, the Lady Davis Institute at the JGH, the Montreal Neurological Institute and Hospital, the JGH and other international bodies to become a global hub for the study of human development and mental health. The Centre will use an innovative and unprecedented multidisciplinary approach that incorporates such areas as neuroscience, computational biology, mathematics, genetics, epigenetics, bioinformatics, epidemiology and computer science. It will also analyze and process complex amounts of data from research projects around the world, with the ultimate goal of significantly reducing the rate of mental illness by identifying scientific methods to establish early childhood risk factors.
- With a **second MRI scanner** now installed and operational in an extensively renovated and redesigned area located on the second floor of Pavilion D, the Department of Radiology can provide faster, safer diagnosis and care to more patients – cancer patients in particular – and ensure continuing access to this important imaging technology. The **regrouping of imaging devices** (CT scan, MRI, etc.) so that they can be operated by the same staff has also streamlined services and lowered operational costs.



- Acquisition of the most advanced equipment for the new **Karen & Murray Dalfen Neonatal Intensive Care Unit** located on the third floor of Pavilion K, which opened in January 2016, allowing it to expand its capacity to provide ultra specialized, superior care to premature and critically ill newborns. Equipment included: **20 ventilators**, which are used to provide ventilatory support to preterm and critically ill infants who suffer from respiratory failure. Of these 20 ventilators, 12 are high-frequency ventilators, which provide for a minimally invasive way to treat specific breathing or lung problems; **32 Giraffe incubators**. This state-of-the-art combination system brings together the thermal advantages of a traditional incubator and the access advantages of an open-bed radiant warmer. It provides premature newborns with an improved life-sustaining environment that helps maintain body temperature so the infants can continue to develop. At the same time it reduces stress on babies, staff, and family members by eliminating the need to transfer the infants between incubators and warmers; **40 bottle warmers**; **25 maternal milk pumps**; and **trolleys for the incubators**, so that infants can be transported safely from one care area to the other.
- Acquisition of **over 3,500 individual pieces of hospital-grade furniture** (such as bedside tables and cabinets, over-bed tables, ergonomic and treatment chairs of various models and styles, sofas, feet-levels for chairs, high chairs on rollers, waiting room chairs and tables) for all waiting rooms, family rooms, nursing stations, staff lounges, patient rooms and conference rooms throughout the new Pavilion K. These play a vital role in ensuring the comfort and safety of patients and staff, as well as in enabling quality care and optimal outcomes for patients.
- The purchase of **288 chairs** with glides and **72 tables** for Pavilion K's beautiful new **Lea Polansky Carrefour (upper level Food Court)**, which opened on November 18, 2016.
- The acquisition of **29 new, single-use disposable fibers for its advanced KTP laser therapy system** is enabling the Department of Otolaryngology to extend the provision of enhanced treatments for certain conditions of the larynx, such as recurrent respiratory papillomatosis, dysplasia/keratosis, polyps, Reinke's edema, and vascular malformations.
- Support for a **landmark clinical trial of a novel combination treatment for type 1 diabetes**, being conducted jointly by investigators at the Lady Davis Institute of the JGH and at the McGill University Health Centre (MUHC). Based largely on pioneering research by Dr. Lawrence Rosenberg, President and CEO of West-Central Montreal Health and Executive Director of the JGH, the treatment combines a specific agent to restore normal insulin secretion in the pancreas with a drug to prevent the autoimmune system from rejecting the newly formed insulin secreting islets to treat patients with longstanding type 1 diabetes. Type 1 diabetes develops when the body's immune system destroys the beta cells that make insulin within the pancreatic islets and affected people require insulin therapy to survive. The ground-breaking study is an important step towards finding, for the first time ever, an effective therapy for this chronic disease that often begins in childhood and affects over 1.5 million people in North America.



- With the recent reorganization of its premises and the acquisition of specialized equipment (such as flowmeters, a fridge, an O<sub>2</sub> Saturation Meter, a three quarter table, a warming cabinet, an Addressograph, an operating room preparation table and a back table), the Department of Ophthalmology is geared towards developing an **Academic Cataract Center** where the focus will be the patient experience, and quality and clinical research in order to improve outcomes. The goal is for the Academic Cataract Center to become an academic center of excellence employing best practice standards and outcome research methods for patients undergoing uncomplicated cataract surgery requiring no local or general anesthesia.
- **8 new psychiatry beds with fireproof mattresses** designed to assist in the prevention and treatment of pressure ulcers, along with a sanitary ice dispenser, have contributed to making the JGH Psychiatry Inpatient Unit's High Care Area safer, more secure and comfortable for patients and staff alike. The High Care Area is designed to provide an observation, assessment and treatment setting in a safe environment for very disturbed, mostly psychotic patients, who are at risk for harm to themselves and/or others.
- Acquisition of **5 Vscan Dual Probe Systems** for the Division of Internal Medicine. This innovative pocket-sized ultrasound imaging system houses two transducers in one probe – enabling a non-invasive look inside the body, with both shallow (heart, abdominal, pelvis) and deep (lungs, vascular lines, legs and long bones) views, that helps speed diagnostic decisions. It offers high-quality imaging that is indicated for abdominal, cardiac, lung, obstetric, pediatric and vascular scanning – empowering the Division's physicians to provide efficient patient care with fewer referrals. In addition to enabling efficient triage and fast workflow, which reduce wait times, the Vscan with Dual Probe is also well suited for use as an education tool.
- Major support for the **Bell Child Psychiatry Transitional Care Program**, an innovative program that provides crucial follow-up and support services to children and their families following discharge from Child Psychiatry Day Hospital Services. The aim is to aid in the child's successful reintegration into school and the community. Donor support has also enabled the Division of Child Psychiatry to hire a **speech therapist** for a period of three years and to soundproof its gymnasium located in the Centre for Child Development and Mental Health.
- **Hospital-grade furniture and basic equipment for patient care** (such as orthopedic chairs, sofas, television sets, printers, microwaves, etc.) for various nursing stations and staff lounges, care units, waiting rooms and family rooms throughout the hospital. They have contributed to enhancing the comfort and safety of patients and staff.
- A new, **next-generation OR inventory tracking and management system** is now used by JGH operating room staff to manage the supply and disposition of orthopedic prosthesis, cardiac implants and breast implants. In all, 8 automated medical product distributor terminals were acquired for the management of orthopedic prosthesis, 2 for the management of cardiac implants and one for breast implants. The system automates and speeds inventory control, ensuring that implants are available 24 hours a day, 7 days a week, and allowing the staff to spend more time on patient care.



- Outfitting the Division of Cardiac Surgery ‘s robotized operating room in Pavilion K with a new **Cardiopulmonary Bypass Unit (CPB)** and a **next generation Brain Function Oxymeter**. The CPB system is used to sustain a patient undergoing open-heart surgery procedures, providing blood oxygenation and circulation to the brain and major organs while the patient's heart and lungs are temporarily bypassed. The Oxymeter allows clinicians to monitor quickly and noninvasively oxygen delivery to the brain of patients who are undergoing surgery. Altogether, these technologies are helping patients avoid postoperative complications, neurocognitive deficiencies and adverse outcomes, while contributing to reducing the length of hospital stay.
- Acquisition of the **Urostation Touch mobile platform**, integrating 3D applications, along with an **ultrasound machine** and **reusable guides**, for the Division of Urology. This technology, which is used to assist prostate biopsy procedures, combines MRI and ultrasound to create a 3D image of the prostate that can more accurately locate suspicious areas and help diagnose prostate cancer. It is an essential tool in the active surveillance of prostate cancer and provides the improved diagnostic capabilities necessary to perform focal therapy using a High Intensity Focused Ultrasound (HIFU) Focal-one machine – this is an advanced type of targeted therapy that can effectively destroy specific areas of cancer within the prostate, while preserving normal prostate tissue and function; it is minimally invasive and has fewer side-effects than surgery or radiation. The JGH Division of Urology is the first institution in Quebec to use image fusion to target prostate biopsy and the first in America to treat prostate cancer patients with focal therapy using the HIFU Focal-one machine. These technologies are essential to the ongoing development of the Division’s **Rhona and Irwin Kramer Prostate Cancer Targeting Centre** into a centre of excellence for prostate cancer diagnosis and treatment.
- Ongoing support for a **feasibility/safety study of Intraoperative Radiation Therapy (IORT) for the treatment of early stage breast cancers**, being conducted by the Division of Radio-Oncology. IORT allows for the delivery of the entire course of radiation treatment to the patient at the time of surgery, with great precision to the desired location in only a few minutes, thereby reducing treatment time from the standard 3 to 6 weeks to a single exposure. It also offers very good dose homogeneity and reduces exposure of normal tissues (for instance, lungs, heart and skin) to radiations. IORT is powered by advanced brachytherapy technology that can be configured and adapted to treat cancer anywhere in the body, including gynecological cancers, eye cancers and non-melanoma skin cancer. To date, Dr. Te Vuong and her team have successfully treated 4 patients with early stage breast cancer using this new radiotherapy technique, as well as 1 patient with colorectal cancer through the development of a specially designed applicator. The JGH expects to treat about 60 patients per year with IORT and will be the first in Canada to offer access to this unique and practical treatment that greatly improves patient care and quality of life.
- A new, **next-generation video endoscopy system with advanced imaging capabilities** is helping the Division of Colorectal Surgery to diagnose, detect and treat digestive diseases, such as colorectal cancer, at an earlier stage, when treatments are most successful. The system includes 2 colonoscopes and 1 gastroscope with technological features that help facilitate accurate diagnosis and treatment, shorten procedure time, and improve the comfort and overall experience of the patient. It is also designed to help manage patient data, communicate with the hospital’s network and provide seamless IT integration to optimize the flow of activity in the endoscopy suite.



- Support for the **JGH Hope & Cope Wellness Centre (Lou's House)**, recognized nationally and internationally as a leader in psychosocial support for cancer patients and which is entirely funded through private donations. Hope & Cope is a unique community organization that provides cancer patients and their loved ones with a wide range of patient education and psychosocial support programs and services that are designed to help them cope with the stress of cancer at all stages of the disease. Now celebrating its 10<sup>th</sup> anniversary, the Wellness Centre offers complementary and expressive therapies such as yoga, qi gong, art and choir, coping skills training and self-help groups, and is the only centre of its kind in Canada with a research program that contributes to the growing body of literature on the impact that wellness programs and psychosocial support have on quality of life and survivorship. All services are free of charge, offered in English and French, and open to all patients regardless of hospital affiliation.
- Support for the **development of a Centre of Excellence in Geriatric Psychiatry** to meet the growing demand for evaluation, diagnosis and treatment of the elderly suffering from mental health problems such as depression, anxiety disorders, psychotic disorders and cognitive impairment. The plan is to establish a comprehensive outpatient Psychogeriatric Treatment Program based on the current best practices, to develop and validate innovative treatment interventions, to provide an environment for the development of knowledge and the academic training of all professionals involved in the mental health care of the elderly and to become an international leader in the research of late-life psychiatric disorders – within the next 5 years.
- The addition of a **new, integrated 22" thin film transistor monitor** with enhanced contrast, addressability and response times to its state-of-the-art surgical microscope is enabling the Department of Ophthalmology to perform cataract and retinal surgery with improved accuracy and speed.
- Acquisition of a **state-of-the-art refracting instrument** with lighted dials to make it easier and more efficient to perform refractions in the darkened setting of the exam room, a **retinoscope head** and **2 transilluminator heads** for the Department of Ophthalmology. These instruments are used to look inside the eye and to measure refractive error to determine an individual's spectacle lens prescription during an eye examination. They are also used to analyze binocular vision and detect poor vision or risk factors for poor vision, such as amblyopia (lazy eye), strabismus (wandering eye) and eye movement disorders as early as possible when therapy can be initiated to achieve good visual outcomes.
- The acquisition of a **PC-based digital cardiac stress test system with wireless electrocardiogram and a treadmill** for the Division of Cardiology. A stress test provides information about how the heart responds to exertion. It is used by cardiologists to determine if there is adequate blood flow to the heart during increasing levels of activity; evaluate the effectiveness of heart medications to control angina and ischemia; determine the likelihood of having coronary heart disease and the need for further evaluation; check the effectiveness of procedures done to improve blood flow within the heart vessels in people with coronary heart disease; and identify abnormal heart rhythms.



- With the purchase of a **high definition and multiparty video conferencing system**, including a 80” LED Smart TV, remote control, wall mount kit and Ethernet, the Division of Internal Medicine has been able to resume its training program for junior and second year residents. The program makes use of a curriculum of simulation scenarios designed by internal medicine senior residents based on real experiences they have had with deteriorating patients.
- **Improvement of the audio system** of the JGH Teaching and Simulation Centre for the Emergency Department, including a fixed I/O server with 12 analog inputs, 8 analog outputs, 8 channels configurable USB audio, cancellation technology, digital wireless capability, etc. The Centre uses medical simulation to enhance the skills of ER physicians and staff, and to improve patient safety and quality of care through education, research, evaluation and innovation.
- Support for the **Beth Raby Adult Congenital Heart Disease Clinic**, which provides expert care to young adults who were born with heart defects.
- Support for the **Mary Katz Claman Alzheimer Risk Assessment Clinic (ARAC)**, established at the JGH in 2009 by neurologist Dr. Hyman Schipper to forestall the anticipated Alzheimer’s disease epidemic. The primary objectives of ARAC are to ascertain and mitigate the risks of developing Alzheimer’s disease in cognitively healthy persons aged 40 to 65, based on the best available medical and epidemiological evidence. These are individuals who fear they may develop the disease because it runs in their family, other risk factors may be at play, or they may be experiencing personal changes in memory or other cognitive function. In addition, clinical/translational research on Alzheimer’s disease risk factors is also being conducted using ARAC clinical data with the aim to identify modifiable risk factors and preventive strategies. The expectation is that by influencing the factors that people can control during their mid-life years, it will contribute to reducing the incidence of dementia in later life and ultimately improve the quality of life of individuals as they age.
- Support in establishing the **Hospital Elder Life Program (HELP)** at the JGH. This is an innovative program, which uses carefully trained volunteers to provide targeted therapeutic interventions at the bedside for hospitalized older patients. The program is designed to assist hospital staff in improving geriatric care and, more specifically, to minimize delirium and functional decline in elderly patients during hospitalization. Its goals are to preserve cognitive and physical function, decrease length of stay and the use of psychoactive medications, and avoid long-term care placement for this patient population. Implemented in more than 200 sites worldwide, HELP was shown to improve the overall quality of hospital care for older patients as well as outcomes, as patients who maintained or improved their cognition were more capable or apt to adhere to their plan of care.



- A new **operating room Neuronavigation system** – a system by which the patient's position in space is monitored by a computer system akin to a GPS – will enable the Division of Neurosurgery to improve precision when planning and performing surgery. The new system can be run without rigid fixation of the head, improving patient comfort and making some surgeries less invasive. The technology will enhance the Division's ability to perform cranial surgery using endoscopes through the nose, a minimally invasive procedure that the JGH specializes in, and also provides for better integration between the navigation system and other operating room tools such as the microscope. It features new applications that provide a research platform such as for integration with intraoperative ultrasound for surgery of the pituitary gland. An **operative drill**, which is used for removal of bone and bony protuberances during operative procedures, was also acquired thanks to donor support.
- Support for the **Family Caregiver Support Centre and its programs** at the **Marjorie and Gerald Bronfman Division of Palliative Care**. The Centre provides caregivers with access to information, training, resources and support services that empower them to meet the challenges of caring for a loved one in the final stages of their life at home and improve their quality of life. It also promotes a more supportive environment for home caregivers through research, advocacy and education. The Centre and its programs play a vital role in easing the growing burden and stress of family caregivers and ensuring the comfort and dignity of people living with a terminal illness in our community and beyond.
- Support for the **Montreal Colorectal Symposium** directed by Dr. Carol-Ann Vasilevsky, Chief of the JGH Division of Colorectal Surgery, which was held in Sherbrooke on April 29-30, 2015. The symposium had for title *Innovations & Controversies – Celebrating 40 Years of Colorectal Surgery in Canada* and focused on innovations and controversies relative to surgery for diseases of the colon, rectum and anus.
- Acquisition of a **VeinViewer Vision 2 system** for the Department of Radiology. This innovative technology significantly enhances the map of a patient's vascular system during medical procedures, ultimately improving IV and other vein access procedures. It allows medical staff to actually see the vein location directly on the surface of the patient's skin, decreasing the number of insertion attempts and greatly improving patient comfort and satisfaction.
- Ongoing support for the **Urachal Cancer Research Fund** that will be used to create and sustain the world's first DNA screening research project focused on cancer of the urachus (a small tube that runs behind the belly button that normally shrivels away after birth), an extremely rare form of cancer that accounts for only 0.2% of all bladder cancers. The project team will be led by Dr. Normand Blais, an oncologist at Hôpital Notre-Dame, with an advisory board that includes Drs. Franck Bladou, chief of the JGH Division of Urology and Gerald Batist, Director of the Segal Cancer Centre, and Dr. Andrew Steinberg from Hôpital Charles-Lemoyne, with the ultimate goal of finding better treatments and a cure for urachal cancer.



- Ongoing support for the **Goldman Herzl Family Practice Centre's Continual Improvement Fund**, which is used to improve the quality of care through new healthcare programs, staff training and organizational enhancements; for the **Vicki & Stan Zack and Family Herzl Teenage Health Unit**, which provides free services ranging from basic medical care and reproductive health to helping teens aged 13 to 19 deal with problems such as bullying, depression, stress, anxiety, substance abuse, eating disorders and suicide; and for the **Goldfarb Breastfeeding Clinic**, which provides breastfeeding families with lactation services based on excellence of care and current research, educates professionals in lactation management, and contributes to the field of breastfeeding research, all within an inter-disciplinary setting.
- Support of the **Department of Psychiatry's 11<sup>th</sup> Research Day** at the Lady Davis Institute – an annual event held for the public in which internationally recognized work that is taking place in the Department is featured. This year's Research Day was held on April 1, 2016 and had for title *Youth at Risk: New Directions in Promoting Resilience*. It featured topics such as understanding the radicalization of youth, the effects of war and trauma, and mental issues of the elderly including ageism and abuse as part of the JGH Mini-Med: Mental Health Matters series.
- Acquisition of a **SPECT•CT gamma camera** that can capture images of many types of nuclear medicine studies, including bone scans, renal scans, iodine scans, gallium scans, thyroid scans, lung scans, parathyroid scans and others, for the Department of Nuclear Medicine. The new camera, which is capable of advanced 3D imaging and simultaneous CT, provides for improved image quality, faster patient diagnosis and treatment, and the ability to support increased patient volumes.
- Ongoing support for innovative programs that cater to the special needs of particular groups of cancer patients and are entirely funded through private donations. These include the **Adolescent and Young Adult Oncology Program (AYAOP)**, the **Consultation Service for Senior Oncology Patients**, the **Cancer Nutrition-Rehabilitation Program (CNRP)**, the **Cancer Prevention Centre** and the **Louise Granofsky Psychosocial Oncology Program (LG-POP)**.
- The **Segal Family Chair in Molecular Oncology at McGill University**, inaugurated with the appointment of Dr. Christoph Borchers in 2015, provides ongoing vital support that is enabling the JGH and McGill University to become a central hub for the first pan-Canadian proteomics program and to accelerate the development of personalized medicine for the benefit of patients provincially and nationally. Dr. Borchers is a world authority in proteomics, a field that holds the promise of providing deeper insights into biological processes underlying cancer by identifying the proteins expressed in a patient's tumor. Accessories for the Eileen and Louis Dubrovsky Molecular Pathology Center's **automated liquid handling and dispensing platform**, which is used as part of the proteomics workflow, were also purchased thanks to donor support.



- Support for the **Lady Davis Institute's Distinguished Lectures Series**. Every year, the LDI organizes from 8 to 10 lectures featuring renowned scientists from around the world to support the continuing education and professional development of its researchers, associate researchers and research staff, post-doctoral fellows, and graduate students, and enable the sharing of expertise and knowledge transfer that are key to achieving excellence in research, teaching and patient care.
- Support for the **Harvey H. Sigman Lecture in Surgical Education**, an annual lecture series established in recognition of Dr. Sigman's lifelong commitment to education to enhance the Surgical Education Program at the JGH and McGill University. The 11<sup>th</sup> Annual Harvey H. Sigman Lecture in Surgical Education was held on October 21 and 22, 2015 with Dr. Carol-Anne Moulton, Associate Professor in the Department of Surgery, University of Toronto and Staff Surgeon with the Division of General Surgery, University Health Network, as guest speaker.
- Ongoing support for the **Nursing Education and Professional Development** initiative, which provides funds to sponsor, in whole or in part, educational and networking opportunities that empower JGH nurses to rise to the top of their field. In this way, they can excel at delivering superior care in a humane and compassionate manner. The initiative has made possible such activities as participation in the Canadian Nursing Association specialty certification program, pursuit of Master's degree studies, attendance at prestigious regional, national or international conferences and other continuing education events, Nursing Week 2015 activities, the Department of Nursing's Annual Symposium, which had for theme this year *Nurses, Take Your Place!*, Clinical Nurse Education Day, the ICU Family Rounds, and support for research in nursing development.
- Ongoing support for the **Hope & Cope Compassionate Fund** through the **Make Your Pennies Count** campaign. This unique program helps cancer patients and their families who are experiencing financial difficulties and do not have access to other family or community support. Since its launch in December of 2012, the campaign has raised over \$100,000 through collection boxes at the JGH, the JGH Hope & Cope Wellness Centre, College Regina Assumpta and Selwyn House School, as well as online donations and contributions to the Penny Kolb Celebration Fund for the Penny Drive and the Vivianne and Brahm's E. Silver 50<sup>th</sup> Anniversary Celebration for the Hope & Cope Compassionate Fund.
- Ongoing support for the establishment of an endowment fund to provide a stable source of funding for the **Orthopedic Surgery Fellowships and Research Program**, which allows for the recruitment of two fellows annually in addition to supporting research at the Orthopedics Research Laboratory in the Lady Davis Institute at the JGH. The creation of this endowment fund is crucial to enable the Department of Orthopedics to meet the rising demand for accessible, life-enhancing treatment and care, and to maintain its leadership and expertise in orthopedic surgery, research and teaching.



- Ongoing financial support for the **Lady Davis Institute** and its research into the causes and potential treatments for the most common illnesses—notably, leading-edge clinical work and research by:
  - Dr. Jonathan Afilalo (frailty and clinical outcomes in cardiac surgery)
  - Dr. Jason Agulnik (lung cancer)
  - Dr. John Antoniou (quantitative MRI as a diagnostic tool of disc degeneration, tissue engineering of the intervertebral disc, and total hip arthroplasty)
  - Dr. Sarit Assouline (novel therapies in patients with leukemia and lymphoma)
  - Dr. Mark Basik (breast and colon cancers, development of biomarkers)
  - Dr. Gerald Batist (translational research)
  - Dr. Franck Bladou (prostate cancer)
  - Dr. Simon Bergman (impact of surgery on elderly patients)
  - Dr. Jean-François Boileau (breast cancer)
  - Dr. Christoph Borchers (proteomics)
  - Dr. Marylise Boutros (enhanced recovery after colorectal surgery, colorectal cancer)
  - Dr. François DeBlois (Photon and electron beam dosimetry, Stereotactic radiosurgery and Monte Carlo treatment planning and medical physics clinical software)
  - Dr. Cristiano Ferrario (breast cancer)
  - Dr. William Foulkes (cancer genetics)
  - Dr. Mervyn Gornitsky (oral manifestations of scleroderma)
  - Dr. Danielle Groleau (mental health benefits of Expressive Writing interventions in school settings)
  - Dr. Andrew Hirsch (interstitial lung disease)
  - Dr. Nathalie Johnson (lymphoma)
  - Dr. David Langleben (pulmonary hypertension)
  - Dr. Andréa LeBlanc (Alzheimer's disease)
  - Dr. Fackson Mwale (quantitative MRI as a diagnostic tool of disc degeneration and tissue engineering of the intervertebral disc)
  - Dr. Alexandre Orthwein (B-cell malignancies, including lymphoma, leukemia and multiple myeloma)
  - Dr. Lawrence Panasci (chronic lymphocytic leukemia)
  - Dr. Michael N. Pollack (influences of hormones on cancer behaviour and on cancer risk)
  - Dr. Vahab Soleimani (muscle stem cell function)
  - Dr. Michael Tamilya (thyroid cancer)
  - Dr. Mark A. Trifiro (Spinobulbar Muscular Atrophy/Kennedy's Disease)
  - Dr. Tsafirir Vanounou (pancreatic and liver cancer)

These achievements are wonderful examples of how the JGH Foundation enters into partnerships with committed donors to build on government's basic funding and improve access, while providing the best care for all. Thousands of patients and their loved ones have benefited from these major advances, and many more stand to benefit as the Foundation continues to empower JGH staff to excel.

Maintaining the highest quality of care and meeting the healthcare needs of the population are becoming more and more challenging in the wake of severe budget cuts and the heavy demand for enhanced treatment, care and accessibility stemming from the rising prevalence of chronic and age-related diseases. These, combined with a serious decline in the budgets and allocations of granting agencies for medical research, are adding to the critical importance of our Foundation's efforts.

Donors like you are the lifeblood of our organization and we hope that this report gives you a good insight on how you do make a huge difference in our patients' lives.

With the renewed support of our community of donors and volunteers, our capital campaign will continue to gain momentum and fuel many more advances that will result in enhanced healthcare outcomes for all patients. Our current vital Initiatives are part of our plan to build the hospital of the future with the very best people, equipment, facilities and programs to meet the changing and ever-increasing healthcare needs of Quebecers and overcome the challenges facing our healthcare system as a whole.

YOU HAVE THE POWER TO HEAL  
CONTRIBUTE

VOUS AVEZ LE DON DE GUÉRIR  
DONNEZ

You have the power to make a difference.

You have the power to ensure that the JGH and its staff have the facilities, equipment and programs they need to deliver excellence.

You have the power to help us achieve better health and better healthcare for all, now and in the future.

**You have the power to heal!**