



CAMPAIGN PROGRESS REPORT

April 1, 2012 to March 31, 2013

You have the Power to Heal!

The year 2012-2013 was the second in the initial phase of the JGH Foundation's most ambitious Capital Campaign to date, a campaign with a goal of \$250 million. This bold initiative will provide the medical, surgical, nursing and allied health professionals of the Jewish General Hospital with facilities, equipment, personnel and research funding—the indispensable ingredients for continued excellence in patient care, research and teaching.

We are proud and gratified to report that thanks to the hard work and dedication of an all-star dream team of Montreal leaders (look for a list on our website at jghfoundation.org under the Campaign tab) who are spearheading the campaign, we are well on our way to accomplishing our goal, with over **\$82 million** in pledges and direct gifts raised as of March 31, 2013—and approaching **\$100 million** as this report is being published.

In the following pages are just a few examples of how every dollar donated to the "[You have the Power to Heal](#)" campaign is making a difference.



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

2012-2013



Dr. Marc Fabian, a Ribonucleic Acid (RNA) biochemist, joined the LDI in 2012 after completing his post-doctoral work at McGill University's Rosalind and Morris Goodman Cancer Research Centre. Dr. Fabian's research focuses on the potential to develop drugs which target cells that display altered microRNA levels. His work involves identifying which microRNAs are altered in cancer cells, how these changes contribute to the metamorphosis of a normal cell into a malignancy, and how these cells can be selectively eradicated. The goal is to achieve early diagnosis of cancer and clinical intervention before the cancer has a chance to spread out of control.



Dr. Elizabeth Jones, an Assistant Professor in the Department of Chemical Engineering at McGill University, joined the Hemovascular Research Axis of the Lady Davis Institute in 2012. Dr. Jones, an expert on vascular development, is applying principles of fluid dynamics to the study of the vascular system. Her current work focuses on trying to explain the role of physiological signals in the formation of new blood vessels, a process known as angiogenesis. Her research has significant implications in diseases such as cancer, macular degeneration, heart attack and stroke, for example, where the ability to prevent or induce the development of new blood vessels would be of great benefit. She is also studying the formation of mechanosensory mechanisms during development and their link to congenital cardiovascular diseases.

Dr. Yves Longtin, an expert in infection control, joined the JGH Divisions of Infectious Diseases and Diagnostic Microbiology on March 11, 2013. Dr. Longtin is a consultant to the World Health Organization for the Saves Lives: Clean Your Hands Global Initiative; consultant to the National Patient Safety Agency (U.K.); member of the Public Health Agency of Canada Steering Committee on Infection Prevention and Control Guidelines; and member of the Comité sur les infections nosocomiales du Québec (CINQ). Dr. Longtin's research interests include hand hygiene, contamination of the hospital environment, and *Clostridium difficile* infections.

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

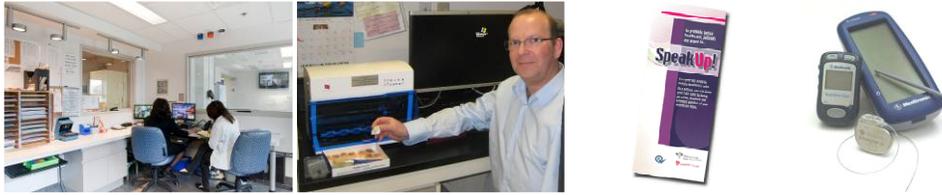
2012-2013



- The new **Centre of Excellence in Thrombosis and Anticoagulation Care (CETAC)** is helping to streamline the delivery of care, increase the capacity to train thrombosis fellows and graduate students, and empower world-class research. In this way, CETAC is contributing to reducing the incidence of blood clots and associated disease-related and treatment-related complications. It is also raising awareness about the importance of safe and effective thrombosis prevention and treatment throughout the Quebec healthcare system.
- The new **Insulin Pump and Diabetes Education Centre**—the first of its kind in Quebec—is enabling the Division of Endocrinology to provide adult insulin-dependant diabetics with the comprehensive care and support they need to achieve and maintain optimum control of their disease at a time when diabetes is reaching near-epidemic proportions.
- The latest generation of **specialized ultrasound technology**—with improved precision, sensitivity and accuracy, as well as faster scans and shorter examination times—is enabling the Vascular Laboratory to offer improved access to state-of-the-art assessment and management of vascular conditions.
- A new, upgraded **64-slice CT scanner** has propelled the Department of Radiology to the next level in imaging capability. With its variety of applications and exam rapidity, this newest generation of CT scanner has contributed to reduce the waiting list for significant diagnostic procedures, to increase the number of procedures performed and patients treated, and to improve the safety of patients.
- A second, next-generation **da Vinci Robot** is enabling the JGH to perform more operations using this highly successful, minimally invasive technology, as well as offering a greater diversity of new robot-assisted surgical procedures. It is currently used in such areas as Urology, Cardiac Surgery, Gynecologic Oncology and General Surgery.
- A new **state-of-the-art Linear Accelerator (The Truebeam)**, the most advanced radiotherapy technology in the world, is allowing the Division of Radiation Oncology to provide faster and more efficient treatment, as well as new possibilities in treating complex cases, such as cancers in the lung, breast, abdomen, and head and neck. The Linear Accelerator offers greater speed and precision, enhanced patient safety and comfort, and new imaging and treatment capabilities.
- Newly renovated **operatories** (rooms containing examination chairs and related equipment) are enabling the Department of Dentistry to do an even greater job of fulfilling the specialized dental needs of the growing number of patients who have cancer or cardiovascular problems, are elderly and are likelier to arrive in a wheelchair or with an automated medication pump on an I.V. pole.



- The newly renovated **Residents' Lounge**, located on the second floor in Pavilion A, provides the more than 800 medical residents based at or rotating through the hospital every year with optimal quarters to study and rest.
- Ongoing support for the **Hope & Cope Compassionate Fund** through the Make Your Pennies Count sub-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.
- Ongoing support for innovative programs that cater to the special needs of particular groups of cancer patients and are entirely funded thru private donations. These include the **Bell Canada Adolescent and Young Adult (AYA) Oncology Program**, the **Consultation Service for Senior Oncology Patients**, the **Cancer Nutrition-Rehabilitation Program (CNRP)** and the **Louise Granofsky Psychosocial Oncology Program (LG-POP)**.
- 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 and 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.
- Major support for the **Child Psychiatry Transitional Care Program**, enabling the Centre for Child Development and Mental Health to enhance and expand 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.
- **Hospital-grade furniture and basic equipment for patient care** (such as chairs, walkers, blood-pressure monitors, fetoscopes, tables and sofas, television sets, Ankle Brachial Pressure Index Kits, examination tables and microwaves) 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.
- The development of a **clinical research infrastructure**, including the hiring of a research coordinator in collaboration with the MUHC Spine Team. As a result, the Division of Neurosurgery has been empowered to conduct studies on various spine conditions. The initiative involves registering patients in a standardized nation-wide database in association with the Canadian Spine Society, allowing the Division to better evaluate how well its patients are doing and to learn from and share with other Canadian centres. The database, together with the new infrastructure, provides tools to ensure the highest quality of care and to improve functional outcome after surgery.
- The newly renovated **waiting room** in the Department of Ophthalmology is contributing to improve patient flow and comfort in one of the busiest services in the hospital.



- The newly renovated and redesigned 8-bed **Transitional Unit** in the Psychiatry Inpatient Unit provides for a safer, more secure, functional and soothing environment for patients and staff alike, enhancing the Psychiatry Department's ability to meet the rising and complex psychiatric needs of the medically ill.
- The **Automated Tissue Arrayer**, a recent innovation in the field of pathology, is a powerful tool that performs molecular analysis of tissues and is geared to the discovery and validation of new therapeutic markers in human cancers. With its range of potential applications in basic research, prognostic oncology and drug discovery, this new instrument will help the Molecular Pathology Centre, when it opens in late 2013, to harness the curative power of targeted therapy to benefit everyone in Montreal and beyond.
- A new **Transthoracic and transesophageal echocardiography simulator** is allowing the Division of Cardiology to coach its trainees in a safe environment, thereby speeding up the learning curve for complex procedures while minimizing the risk to patients. This device is also being used to train Emergency Department staff and Intensive Care Unit Fellows in cardiac ultrasound.
- Vital support for the JGH Quality Program's **Speak Up Campaign**, an innovative and internationally recognized initiative that encourages patients and their families to take a greater role in their health care and to speak up whenever they have questions or concerns about treatment and care.
- The new **Sacral Nerve Stimulation (SNS) Program** is enabling the Division of Colorectal Surgery to be one of only two services in Canada to perform a leading-edge, minimally invasive procedure that can actually help patients suffering from severe fecal incontinence live a fairly normal life again. SNS involves the implantation of a permanent neurostimulator that provides these patients with a means to control the involuntary loss of solid or liquid stool. The procedure has been shown to have excellent success rates, minimal complication rates, and sustained long-term positive outcomes with a dramatic impact on quality of life.
- Patients with nearly any physical condition—such as multiple sclerosis, stroke, hemiplegia, paraplegia, tetraplegia, Parkinson's disease, muscular disorders, brain injuries, rheumatic and cardiovascular disorders—can now benefit from movement exercise with the new **Active-Passive Exerciser** in the 4West Rehabilitation Room of the Department of Physiotherapy.
- The **Rosalind and Morris Goodman & Family Endowment for the Comprehensive Stroke Centre** continues to provide vital support for the Edmond J. Safra Stroke Centre and the internationally competitive **neuroplasticity research program**, established by Dr. Alexander Thiel to investigate the mechanisms involved in functional recovery following a stroke, and to define predictors for successful poststroke recovery.
- A high-performance, computer-controlled **Lithotripter** in the Gastrointestinal Laboratory is providing for greater patient safety, increased treatment effectiveness and ease of operation in treating urinary and biliary stones.



- A **Defibrillator with Pacer option** is now being used in the simulation room of the Division of Internal Medicine to train residents to use this life-saving device, which delivers defibrillating shocks to victims of sudden cardiac arrest and restores their normal ECG rhythm.
- With new, sophisticated imaging and interventional technology—such as a **Multi Frequency Imaging End-Fire Endocavity Transducer**, a **High Intensity Focused Ultrasound (HIFU) machine**, a **fluoroscope** and a **USB 300HD Recorder**—the Division of Urology is gearing up to become one of the country's first prostate cancer targeting centres. The JGH will be the only institution in Quebec to treat prostate cancer with focal therapy, an advanced type of targeted therapy which has fewer side-effects than surgery or radiation.
- A recently acquired **Polymerase Chain Reaction (PCR) machine**, which is used to amplify sequences of DNA and to facilitate temperature-sensitive reactions, is proving to be an essential piece of equipment for the Molecular Endocrinology Laboratory at the Lady Davis Institute which conducts research on Kennedy's disease.
- The new **Endosoft software** is a procedure-tracking and reporting tool which is allowing the Division of Colorectal Surgery to calculate and create reports on polyp-detection rates, the adequacy of bowel preparation, adenoma-detection rates, withdrawal time, cecal intubation rate and more. Furthermore, this module is being added to the Endovault EHR system, which is being implemented in the Segal Cancer Centre and will enable the Divisions of Colorectal Surgery and Pulmonary Diseases to gain access to records of the Segal Cancer Centre and vice versa, resulting in improved coordination and continuity of care.
- A planned gift (bequest) from a generous donor has proven instrumental in enabling the Heart Function Clinic to hire and maintain a permanent **research nurse** to perform many medical and administrative duties, such as preparing research protocols, coordinating clinical trials, and organizing and participating in follow-up patient visits. These tasks are necessary in keeping the JGH at the forefront of heart-failure research nationally and internationally. Heart-failure is a devastating illness that kills as many, if not more, people than cancer.
- Ongoing financial support for the **Lady Davis Institute** and its research into the causes and potential treatments for the most common illnesses affecting us today, notably the leading-edge clinical work and research being carried out by Dr. Simon Bergman (impact of surgery on elderly patients), Dr. Mark Blostein (thrombosis), Dr. Colin Crist (skeletal muscle stem cell), Dr. William Foulkes (cancer genetics), Dr. Walter Gotlieb (ovarian cancer), Dr. Celia Greenwood (colorectal cancer), Dr. Nathalie Johnson (lymphoma), Dr. Tina Kader (diabetic ophthalmology), Dr. Andréa LeBlanc (Alzheimer's disease), Dr. Stéphanie LeHoux (atherosclerosis), Dr. Wilson Miller (melanoma), Dr. Lawrence C. Panasci (chronic lymphocytic leukemia), Dr. Michael Tamilia (thyroid cancer), Dr. Stephane Richard (cancer and multiple sclerosis), Dr. Ivan Topisirovic (cancer), Dr. Josie Ursini-Siegel (breast cancer), Dr. Isabelle Vedel (chronic disease management), Dr. Sven Wassman (cardiology), and Dr. Michael Wichter (cancer).



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THE POWER
TO HEAL
CONTRIBUTE



These achievements are wonderful examples of how the JGH Foundation partners with committed donors to build on government's basic funding to improve access and provide the best care for all. Thousands of patients and their loved ones have already benefited from these major advances, and many more stand to benefit in the years to come, as we continue our work of empowering the JGH staff to be the best they can be.

However, recurring budget cuts, rapidly evolving medical technology, increasing patient volumes and the growing demand for enhanced services (stemming from the rising prevalence of chronic and age-related diseases) make it exceedingly difficult for the JGH to rely exclusively on government assistance to sustain the level of excellence for which the hospital is known and appreciated. This will require renewed effort by all those who care about the JGH, their own health and the well-being of their families and our entire community. 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 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!



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