



London Health Sciences Foundation

2017 Report to the Community

The Donor-Supported Cornerstone Counselling Team

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View the audited financial report at lhsf.ca/accountability



Supporters of the 2017 London Run for Ovarian Cancer

MESSAGE FROM MURRAY GLENDINING



Murray Glending, President and CEO
London Health Sciences Centre

London Health Sciences Centre (LHSC) continues on its journey to help transform health care, so that we develop and deliver leading practices to meet the ever-changing population health needs in our region.

This means proactively and continually improving our capabilities and finding innovative new approaches, including collaborating with health care partners in our community, to provide the very best system of care for patients, with support when and where they need it.

We at LHSC are truly grateful for our community's contributions to health care through donations to London Health Sciences Foundation that help us to best serve the patients of this region.

You help us to innovate and to provide the safest and most effective care possible. You help us achieve this by supporting research, training, advanced equipment and facilities, and the resulting new approaches to care.

This report gives just a few examples of the current and planned advances that are made possible by donor generosity.

Your support for excellent care at LHSC positively affects people at times of great need in their lives. On behalf of the doctors, researchers, staff and patients at LHSC, we thank you.



John MacFarlane, President and CEO
London Health Sciences Foundation

MESSAGE FROM JOHN MACFARLANE AND TOD WARNER

This past year marked the 20th anniversary of London Health Sciences Foundation.

That's two decades of donors deeply affecting people's lives by supporting medical educators, researchers and those providing care at London Health Sciences Centre – by ensuring they have the latest technology, advanced facilities and the opportunity to pioneer new approaches to patient-centred care.

Last year, we launched the public phase of our \$200 million campaign for the current and future needs of LHSC. At the end of our recent fiscal year, \$190 million in revenue and future commitments had already been achieved.

An incredible example of how our community continually steps up was the "Make-A-Difference-Appeal" at the Country Classic Auction in November. In just 10 minutes, event-goers raised their bid cards to donate \$161,000 to mental health services and research at LHSC.

It's because of support like this that fiscal 2017 was one of the best years in the foundation's history, with \$28.8 million in revenue. These inspirational experiences also assure us that, with your help, we will surpass our campaign goal this year.

While the numbers are amazing, the impact of your generosity is most important. Please take a moment to read our report and see what your donations are helping achieve at your hospital. From everyone at the foundation – board members, volunteers and staff alike – thank you for your support and your continued commitment to patients and their families.



Tod Warner, Board Chair
London Health Sciences Foundation

THE NUMBERS AT A GLANCE

30,000 INDIVIDUAL DONORS



MADE 50,000 DONATIONS

TOTALING
\$28.8 MILLION
IN REVENUE

INCREASE OF 18%
FROM LAST YEAR



\$20
MILLION
FROM
DONATIONS

\$5
MILLION
FROM
INVESTMENTS

\$3.8
MILLION
FROM EVENTS
AND LOTTERIES

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CAMPAIGN HIGHLIGHTS

**100 CAMPAIGN CABINET
VOLUNTEERS**

HAVE HELPED RAISE
\$190 MILLION
IN COMMITMENTS TO DATE

SUPPORTING

RESEARCH

EDUCATION

PATIENT CARE

EQUIPMENT

FOCUSED ON THE FOLLOWING
CAMPAIGN PRIORITIES



CANCER CARE



CARDIAC CARE



IMPACT FUND



MENTAL HEALTH



ORTHOPAEDIC
CARE



WOMEN'S CARE

CANCER CARE

> DISBURSEMENT: Purchase of IncuCyte Zoom Equipment

A small group of generous individuals donated towards cutting-edge technology that's significantly improved the capabilities of the Translational Ovarian Cancer Research Team at LHSC.

The IncuCyte Zoom is able to analyze the growth of dozens of patient cancer cells, outputting the data to create an accurate and real-time visual of tumour cell growth, while simultaneously allowing for an environment to test and monitor different treatments on cells. Dr. Trevor Shepherd, Senior Oncology Scientist at London Regional Cancer Program (LRCP) put forth the need for such a precise and efficient piece of equipment last year at a London Run For Ovarian Cancer event and quickly found a lead donor in Gary Pooley and his family.

"We lost a wonderful mother and wife to ovarian cancer," Gary said. "The Translational Ovarian Cancer Research team is doing leading-edge research that we believe will lead to a breakthrough in the battle against this insidious disease. We contributed to the purchase of the IncuCyte System to support the team and the invaluable work they do."

Since its purchase in October, the technology has saved the team months of time in meticulous research by performing complex analyses of cancer cells in just days. More importantly, it allows the team to apply its research directly to patient care in real time.



L-R: Dr. Trevor Shepherd, and donors Peter and Trudy Channer, Sheila Fletcher, Dr. Gabriel DiMattia, (back row) the Pooley Family (not pictured: Robert Freeland and George Monckton)

"A high-quality instrument like this seemed to be an unattainable dream item. The dream is now our reality." – Dr. Trevor Shepherd

CARDIAC CARE

DISBURSEMENT: Upgraded Cardiac Catheterization Lab

The Cardiac Care Program at LHSC serves patients and families in London, Southwestern Ontario and Northwestern Ontario providing care for more than 21,000 inpatients and serving over 5,000 cardiac patients annually. In a typical year, the program performs more than 110,000 diagnostic tests, 1,400 cardiac surgeries and 3,900 cardiac catheterizations.

A cardiac catheterization takes place in a specialized examination room (referred to as a cath lab) with diagnostic imaging equipment used to visualize the arteries and chambers of the heart and help treat any issues or abnormalities found.

The fluoroscopy units – which use X-rays to obtain real-time moving images – in the cath labs are in need of replacement, as they are subject to frequent repairs and downtimes that affect the cost of operations, patient scheduling, and patient care.

Recognizing the age of the equipment and their importance to patient care, donors to LHSF have helped to begin the process of replacing the fluoroscopy equipment. Their generous support will improve patient care by providing higher-quality diagnostic images, keep LHSC staff and physicians safe by meeting current standards for radiation exposure, and make the entire process faster and more efficient.



Dr. Terry McPherson, Interventional Cardiology, and Dr. Raymond Yee, Interim Chair/Chief Division of Cardiology

“LHSC has a strong tradition of developing innovative heart tests to better understand various heart diseases and using that knowledge to develop new treatments or better ways to deliver those therapies. The future in heart therapies now lies in developing new heart imaging techniques and using them to deliver the therapy precisely to where it will achieve the greatest benefit for the patient.” – Dr. Raymond Yee, Interim Chair/Chief Division of Cardiology

MENTAL HEALTH CARE

➤ **DISBURSEMENT:** Launch of Cornerstone Counselling

On March 1, 2017, LHSC unveiled a donor-supported pilot project aimed at improving the system of mental health and addictions care for transition age youth (16-25 years). Cornerstone Counselling, as the service is known, is delivered at Youth Opportunities Unlimited (YOU) in partnership with Canadian Mental Health Association- Middlesex, Addiction Services of Thames Valley and mindyourmind.

The self-referral program provides access to a team of health professionals including a peer support worker, social worker, addiction counselor and psychiatrist to youth transitioning out of the adolescent mental health program, or who are seeking support for the first time.

“Youth told us they wanted a service that was after hours, non-crisis and youth centered. They told us they wanted peer-support. They told us they wanted better integration of hospital and community services,” said Dr. Javeed Sukhera, LHSC Physician Lead, Child and Adolescent Psychiatry. “We engaged and listened authentically to the voices of our community partners and most importantly, to youth themselves.”

The project is generously funded through London Health Sciences Foundation by the London Community Foundation, the LHSC Auxiliary, as well as Great West Life, London Life and Canada Life.



The Cornerstone Counselling team

“Our model is a unique innovation that will inform the mental health services of the future. Through continuous evaluation and input, we hope to refine our model into a shining example for other areas in the province, country and globe.” – Dr. Javeed Sukhera, LHSC Physician Lead, Child and Adolescent Psychiatry

ORTHOPAEDIC CARE



DISBURSEMENT: Creation of the Spine Biomechanics Lab

London Health Sciences Centre is the only spine centre in Southwestern Ontario, providing advanced surgical treatment and care for spine trauma, degenerative disorders (a loss of normal structure and function causing serious back pain), and oncological spine conditions.

Each year, approximately 6,000 spine patients are referred to our hospital and more than 500 complex spine surgeries are performed by LHSC surgeons, who are constantly looking to improve patient care for spine conditions through biomechanics (the study of the muscular, joint and skeletal actions of the body during a certain task).

In order to continue to advance surgical innovation and further develop London's international reputation as a centre of excellence for spinal surgery and research, LHSC has plans to fully relocate the research program into a newly developed Spine Biomechanics Research Laboratory located within its Victoria Research Laboratories.

Thanks to donor support, LHSC has begun developing this exciting new laboratory to carry out novel spine research for the next decade. Researchers will design, test, commercialize and acquire new technologies and instrumentation to improve patient care, create jobs and attract top international spine surgery fellows and research trainees to London.



Members of LHSC Ortho Spine team (left to right), Dr. Parham Rasoulinejad, Dr. Fawaz Siddiqi, Dr. Kevin Gurr and Dr. Chris Bailey

“Here in London, we have the fortunate opportunity to develop collaborations between multiple disciplines such as engineering, medicine and medical biophysics to name a few. This has been our key to success in advancing medicine. Our close collaborations with Western University and industry partners have allowed us to develop a state-of-the-art laboratory for bio-mechanical testing. Without funding donated by generous philanthropists, this project would not have been possible so far.” – Dr. Parham Rasoulinejad

PERSONALIZED MEDICINE

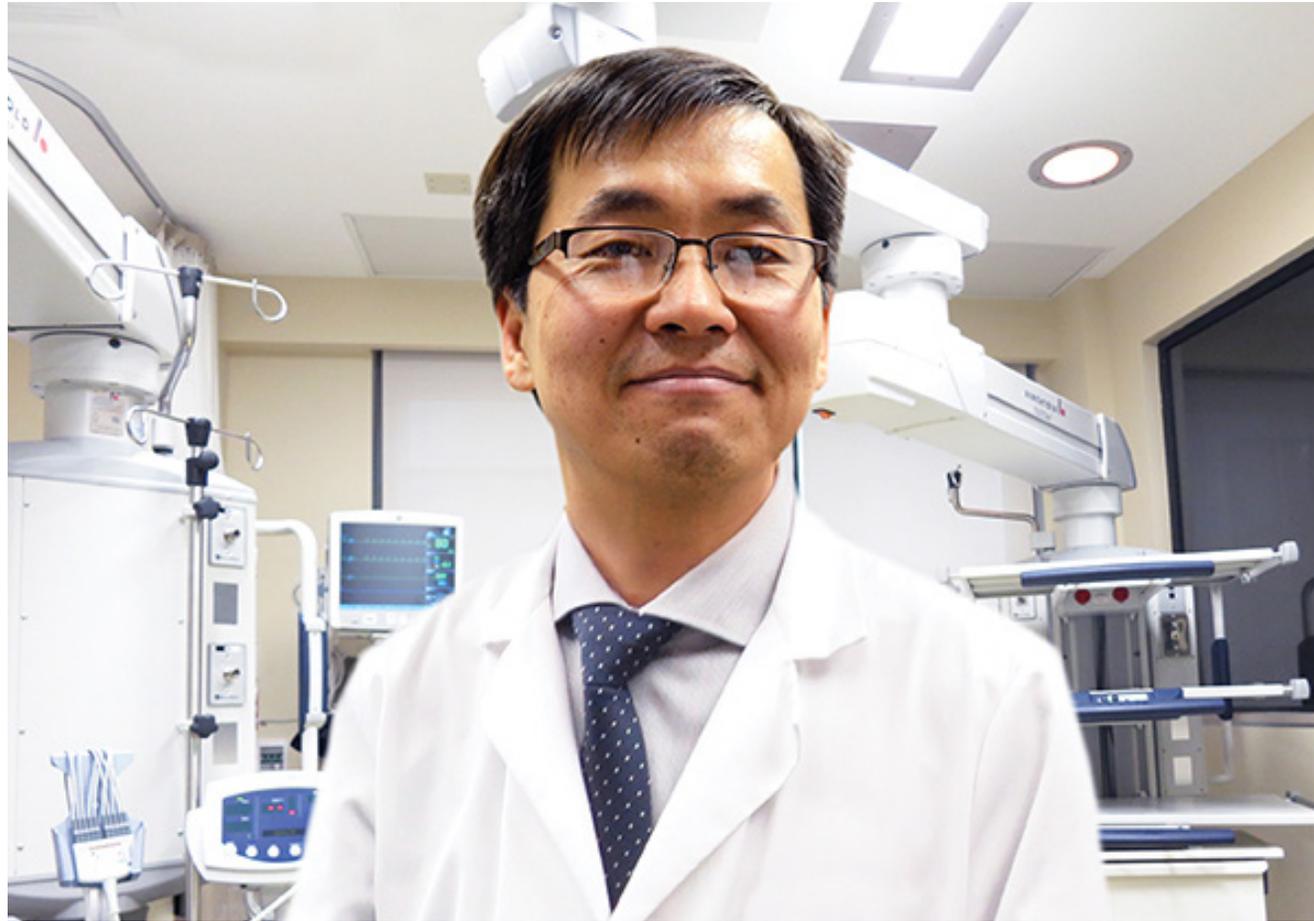
> **DISBURSEMENT:** Advancement of the Personalized Medicine Program

The year 2016 saw unprecedented support of LHSC's Personalized Medicine program from the community, first from 3M Canada with their \$300,000 gift on June 10, then from the LHSC Auxiliary with their \$2.24 million pledge on October 6.

For more than 92 years, the LHSC Auxiliary – whose volunteer-operated gift and flower shops directly support the work of our hospital through LHSF – has supported hospital initiatives in education, research and patient care and is noted for its progressive thinking, this time joining with 3M Canada to support Canada's first hospital-wide implementation of Personalized Medicine, starting with important medicines like warfarin.

Under the leadership of world-renowned clinical pharmacologist Dr. Richard Kim, the Personalized Medicine program at LHSC is determined to understand the genetic differences between individuals and, in doing so, to provide the right dose of the right drug at the right time for each individual patient.

Using recent advances in genomic diagnostic technologies, Personalized Medicine works with, not against, a patient's unique genetic code to avoid adverse drug reactions and ensure the most effective drug therapies, allowing for the delivery of the safest, most effective drug treatments.



Dr. Richard Kim

“Personalized Medicine increases patient safety and quality-of-care. These donations will help transform the model of care at London Health Sciences Centre – and eventually worldwide – by incorporating personalized gene testing as a part of patient care.” – Dr. Richard Kim, Chair/Chief, Clinical Pharmacology, LHSC

WOMEN'S CARE

DISBURSEMENT: Opening of the new Continenence Clinic

Millions of Canadian women experience some urinary incontinence and it can deeply affect their quality of life. For those that do seek help, they often face long wait times to see physicians specialized in urogynecology, and as such, are unable to access education and treatment that could significantly enhance their lives and general well-being in a timely fashion.

Through the support of donors, and a significant gift from Shoppers Drug Mart, LHSC opened a new nurse-led Continenence Clinic in the Women's Ambulatory Care space at Victoria Hospital this past November.

The purpose of the nurse-led clinic is to better fill the gap in service for patients that would otherwise be facing a lengthy wait to see a urogynecologist. It allows the hospital to significantly decrease wait times for women to receive an initial assessment, and in turn facilitates quicker access to a urogynecologist for those patients requiring more involved interventions.

For those patients that can be helped with a more conservative, non-operative, treatment plan, the introduction of this nurse-led clinic provides them with much faster access to that critical education and advice.



Martha Gleason

“By introducing this clinic, we are getting women the help they need faster and are often able to quickly eliminate many of the obstacles and feelings that were negatively impacting their lives.” – Martha Gleason, Nurse Continenence Advisor, LHSC



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