



St. Joseph's Health Care Foundation 2016-17 Allocations

MEDICAL COLLABORATION

London Medical Innovation and Commercialization Network City Innovation Grant, **\$4,013,287**

PATIENT CARE

Chapel Refurbishment, \$195,000 - St. Joseph's Hospital

The 100-year-old chapel at St. Joseph's Hospital received upgrades for a warmer and more vibrant look that restored the special place of worship to its original glory.

Prostate Diagnostic Assessment Unit, \$167,244 - St. Joseph's Hospital

The Prostate Diagnostic Assessment Program located at St. Joseph's Hospital streamlines diagnostic testing for patients suspected of having prostate cancer. Funding went towards specialized equipment to outfit this new program of care.

2016/17 Veterans Care Program Wish List, \$108,468 - Parkwood Institute

Canada's veterans being cared for at Parkwood Institute can enjoy a variety of engaging social activities, recreational programs and are supplied with personal care items that enhance the quality of life they experience in their home away from home.

Exoskeleton Equipment for Rehabilitation, \$82,864 - Parkwood Institute

Equipment as part of the Locomotor Training Program that aides in rehabilitation of spinal cord injuries to regain lower body function and even help people walk again.

Optical Coherence Tomography for Ivey Eye Institute, \$50,000 - St. Joseph's Hospital

Medical imaging technique that uses light to capture micrometer-resolution, three-dimensional images from within optical scattering media.

Patient Care Items for the Veterans Care Program, \$34,606 - Parkwood Institute

Care and comfort items that support quality care for long-term veteran residents at Parkwood Institute, Main Building.

The Endourology Fellowship Program, \$25,000 - St. Joseph's Hospital

Trainees are given the opportunity to integrate into the Urology Program at St. Joseph's to develop skills in basic and advanced endourological and robot-assisted laparoscopic treatments that are improving patient care.

Ambulatory Testing for Sleep Apnea: Improving Patient Care, \$28,888 - St. Joseph's Hospital

In support of a series of sleep testing devices, used as a research study to demonstrate that ambulatory testing for sleep apnea is cost-effective, more convenient and timelier than the traditional overnight lab-based sleep testing.

Veterans Care & Comfort Fund, \$22,055 - Parkwood Institute

The Veterans Care and Comfort Fund purchases special care and comfort items that enhance the quality of life enjoyed by veterans being cared for at Parkwood Institute, Main Building, and the Western Countries Wing.

2016/17 Parkwood Hospital Auxiliary Wish List, \$15,093 - Parkwood Institute

Care and comfort items for patient and resident needs were purchased for frontline care in rehabilitation, complex care and specialized geriatrics programs at Parkwood Institute, Main Building.

Game Ready Units for the Rehabilitation Program, \$14,056 - Parkwood Institute

An intermittent compression and cold therapy system with storage carts is now being used in the Rehabilitation Program.

Seniors with Technology: Smart Boards, \$12,929 - Mount Hope Centre for Long Term Care

Two smart board units are now being used in the Therapeutic Recreation Program as an interactive engaging tool to help residents with communication impairment.

St. Joseph's Virtual Video Tour, \$10,000 - St. Joseph's Hospital

A video virtual tour to help reintroduce St. Joseph's Hospital to the community with a major focus on the Chapel as well as the strong spiritual culture and history of this organization.

Specialized Geriatric Services Inpatients Patient Care Items, \$8,341 - Parkwood Institute

Care and comfort items that support health and wellness in Specialized Geriatric Services.

Capital and Clinical Needs in the Sinus Surgery Program, \$6,732 - St. Joseph's Hospital

Extreme Makeover - Main Physio Gym, \$6,086 - Parkwood Institute

Enhancing care environments for the support of rehabilitative programs and patient care.

2014/15 The Ann and Bill Fleming Fund for Patient Rehabilitation & Care Needs at Parkwood Hospital, \$5,258 - Parkwood Institute

Medical and patient-related equipment to meet frontline patient care needs in the Rehabilitation Program at Parkwood Institute, Main Building.

Electric Piano for the Chapel of the Good Shepherd, \$3,387 - Parkwood Institute

Art Supplies for the Art Therapy Program, \$2,725 - Mount Hope Centre for Long Term Care

Java Music Club Program for 3B West Recreation Program, \$2,599 - Parkwood Institute

This psychosocial intervention program includes music and discussion around a theme utilizing an aboriginal traditional talking stick to help participants gain courage and wisdom to share their feelings with others.

Ipod Project in Music and Memories, \$2,309 - Mount Hope Centre for Long Term Care

A personalized music therapy program that helps soothe and support residents to improve their mental well-being through the joy of music and the memories it awakens. Funded through a grant from the endowed Mount Hope Centre for Long Term Care Fund and the Emerson C. Stewart Fund, items purchased for this initiative included 50 iPod shuffles with earphones, ten docking stations, and a computer with music.

Life Experiences in Complex Care, \$2,217 - Parkwood Institute

Patients in the Complex Care Program were able to attend various community outings, while those who were unable to leave were provided with special on-site programs. These activities, made possible through donations to the Therapeutic Recreation Fund, helped to increase socialization, leisurely activities and feelings of inclusion for enhanced quality of life experiences.

Family Fun Day, \$2,153 - Mount Hope Centre for Long Term Care

Residents of Mount Hope, and their families, enjoyed a fun-filled day of outdoor carnival type activities, along with face painting, treats and a live band.

Patient Satisfaction Survey Kiosk, \$1,737 - St. Joseph's Hospital

In support of a survey kiosk system, as a one year trial, to allow patients to conveniently provide feedback regarding their patient visit to the Lawson Diabetes Centre.

Patient Care Items for Rehabilitation Programs, \$1,467 - Parkwood Institute

Patient care items included walkers, transport chairs, cushions and a climbing board kit.

Education Materials for the Jolliffe Resource Centre, \$1,463 - St. Joseph's Hospital
Patient education materials and brochures on eye conditions were funded by the Marjorie Jean Jolliffe Fund for St. Joseph's Ivey Eye Institute.

2016/17 Mount Hope Resident Family Christmas Dinner, \$2,550 - Mount Hope Centre for Long Term Care
St. Joseph's is able to bring Christmas to the residents at Mount Hope Centre for Long Term Care for those that are unable to go home during the holidays to enjoy seasonal festivities amongst family and friends.

2 Roho Cushions for the Veterans Care Program, \$1,130 - Parkwood Institute

Personalized Music Recordings, \$1,040 - Parkwood Institute
Music recordings are personalized for patients and their families within Palliative Care and Veterans Care to listen at bedside and for families to keep after loved ones have passed.

BrainEx90: Treatment Group for Individuals Living with Post-Concussion Syndrome, \$991 - Parkwood Institute

Christmas Gifts for Residents at Mount Hope, \$1,831 - Mount Hope Centre for Long Term Care
Residents of Mount Hope were surprised with personalized gifts to enjoy at Christmas.

2014/15 Parkwood Hospital Auxiliary Wish List, \$849 - Parkwood Institute
Care and comfort items for patient and resident needs were purchased for frontline care needs for programs at Parkwood Institute, Main Building.

2015/16 The Ann and Bill Fleming Fund for Patient Rehabilitation & Care Needs at Parkwood Hospital, \$678 - Parkwood Institute
Medical and patient-related equipment was purchased to meet frontline patient care needs in the Rehabilitation Program at Parkwood Institute, Main Building.

Dogwood Trees for the Mount Hope Court Yard, \$611 - Mount Hope Centre for Long Term Care
Enhancing the Mount Hope Courtyard enjoyed by hundreds of residents and their family members.

Recreation Resources for Complex Care, \$449 - Parkwood Institute

EDUCATION

The Dr. David B. and Zivia Anne Meltzer Fund for Nursing Education, \$9,607 – St. Joseph's Health Care

Nursing staff across St. Joseph's are awarded with funding --based on excellence in nursing -- to be used for continuing education in a nursing program.

The Dr. Alfred John McKinna Fund in Ophthalmology, \$3,840 - St. Joseph's Hospital

This fund is dedicated to providing an award to an ophthalmology resident in their fourth or fifth year to assist in meeting the cost of taking an elective.

Thames Valley Breast Imaging Update Seminar, \$3,331 - St. Joseph's Hospital

A Breast seminar was hosted by St. Joseph's Hospital for the breast imaging technologists, nurses, advanced practice nurses, surgeons and radiologists, through a grant from the endowed Dr. Lauren McCurdy Diagnostic Imaging Fund.

Ophthalmic Education Fund for Diagnostic Technicians at St. Joseph's Ivey Eye Institute, \$2,628 - St. Joseph's Hospital

The Dr. F. Luney Fund for Library Resources, \$2,527 - St. Joseph's Hospital

Various educational resources and books were purchased for the Robert M. McFarlane Library at St. Joseph's Hospital.

Educational Resources for the McFarlane Library, \$2,014 - St. Joseph's Hospital

A variety of books and much needed learning resources providing the most current developments in medicine and technology in orthopedics were purchased, which are extensively used by clinical staff, residents and students to enhance knowledge and research in the delivery of care.

Post-traumatic Stress Disorder Training, \$1,500 - Parkwood Institute

Attendance at a trainer workshop on Prolonged Exposure Therapy developed to treat Post-traumatic Stress Disorder has allowed for continued education of other clinicians on effective treatments.

Nuclear Medicine Conference, \$1,500 - St. Joseph's Hospital

One staff member attended the Society of Nuclear Medicine and Molecular Imaging Annual Meeting.

Radiological Society of North America Annual Meeting, \$1,404 - St. Joseph's Hospital
One staff member attended the Radiological Society of North America Annual Meeting.

The Nancy White Memorial Fellowship Fund, \$1,090 – St. Joseph's Health Care
Registered Nurses at St. Joseph's received awards, based on excellence in nursing, and were used for continuing education in a nursing program.

Diabetes Education Workshop, \$2,490, St. Joseph's Hospital
Diabetes educators were able to attend the annual Diabetes Education Centre 'Fundamentals of Diabetes' Spring Workshop.

The Dr. M. R. Belsheim Memorial Fund Award, \$1,000 - St. Joseph's Hospital
An award was received by a resident recognized as an outstanding teacher, amongst the Gastroenterology subspecialty residents in the Gastrointestinal Training Program.

The Dr. B. Lloyd Hession Memorial Fund Award, \$500 - St. Joseph's Hospital
An award was received by a resident in internal medicine who demonstrated exceptional ability in education and leadership, as well as a high academic standing in Internal Medicine.

The Robert E. and Mary Grace Grady Fund for Professional Development for the Operating Room Staff at St. Joseph's Hospital, \$200 - St. Joseph's Hospital

The Helen C. L. Zavitz Award, \$150 - Parkwood Institute
A nursing student, who completed a placement at Parkwood Institute, Main Building, is awarded support to be used for continued nursing education.

RESEARCH

The Ting-Yim Lee Chair in Cardiac CT Imaging Research, \$1,000,000
The Ting-Yim Lee Chair in Cardiac Computerized Tomography (CT) Imaging Research will transform the way clinicians diagnose, and prevent, severe tissue damage in persons who have experienced a cardiac event. This Chair represents the next phase of CT imaging research, focusing on developing software and new methods that will save people's lives.

Clinical Research and Chronic Disease Centre, \$298,000
The Clinical Research and Chronic Disease Centre brings researchers together in one state-of-the-art facility to focus on life-long diseases, improving the way clinicians help to prevent, diagnose, treat and help people to manage them.

Endowed Chair in Human Microbiology & Probiotics, \$225,524

Chair position in Human Microbiology & Probiotics, improving health care through research in probiotics.

Surgical Mechatronics Laboratory, \$141,051

The Surgical Mechatronics Laboratory develops minimally invasive upper arm surgical interventions that support surgical skill development, enhances patient recovery and seeks to reduce further surgeries.

Treating Dementia with Cough Medicine: A Double Blind Randomized Controlled Trial Repurposing Ambroxol as a Disease Modifying Treatment for Parkinson's Disease Dementia, \$133,117

The Helen and Frances Lawson Chair in Diabetes Research, \$130,797

Chair position that is improving diabetes care through medical research.

MRI coil for the Diagnostic Imaging Program, \$130,000

Specialized imaging equipment to detect sodium at a molecular level for the care of people with kidney diseases and dysfunctions.

iSee Vision Screening Research Program, \$109,544

The Ivey Special Eye Examination Services (iSee) aims to examine photoscreening as a useful and rapid tool to identify eye conditions in children. Using photoscreening (a specialty camera that can capture irregularities in the eye) only requires a child to sit still for a few seconds.

The Douglas and Vivian Bocking Chair in Fetal and Newborn Growth, \$106,295

Chair position in Fetal and Newborn Growth.

Protocol Development & Implementation Planning: Building the Foundation for Clinical and Research Innovation in Locomotor Training, \$96,947

For the rehabilitative care of people with spinal cord injury to develop programs that support effective care and recovery from injury and disease.

The Miriam Burnett Research Chair in Urological Sciences, \$93,920

Chair position providing scientific leadership, and improving health care in prostate and other urological cancers, probiotics, urological technologies and non-invasive procedures.

LHRI Founding Endowment, \$86,938

Supports ongoing research initiatives at Lawson Health Research Institute that is improving health care for our community, region and beyond.

The Beryl & Richard Ivey Research Chair in Aging, Mental Health, Rehabilitation & Recovery, \$70,085

Chair position providing scientific leadership in Aging, Mental Health, Rehabilitation & Recovery within Lawson Health Research Institute, based at Parkwood Institute, Main Building.

The Miggsie Lawson Directorship of the Lawson Health Research Institute, \$63,963

Chair position of the Scientific Director of Lawson Health Research Institute attracting research talent and improving medical research for the health and well-being of the community, region and beyond.

London Tumour Biobank, \$52,000

The London Tumor Biobank provides access to patient bio specimens and clinical data for researchers who are ready to make the next step from bench top research to patient care.

Development of a PET Probe for Detection of D3 Receptors in Lewy Body Dementia, \$46,773

Emerging Researchers - the Dr. Dhanvantari Cardiac Imaging Research Fund, \$40,000

Dr. Savita Dhanvantari is using diagnostic imaging technology to find new and better ways to predict in advance who will develop heart failure. Using St. Joseph's PET/MRI hybrid scanner, which captures minute details and produces 3D images, Dr. Dhanvantari's team is currently the only research group in the world imaging for a molecule (called ghrelin) to predict heart failure.

Emerging Researchers - the Dr. Montero-Odasso Mobility & Cognition Research Fund, \$40,000

Dr. Montero-Odasso is studying people in their 50s and older, who are beginning to develop mild symptoms, to show that if you can detect these issues at an early stage of aging – before dementia sets in or before a fall leaves a person permanently disabled – specific interventions can put a stop to disability.

Emerging Researchers - the Dr. Carson Breast Imaging Research Fund, \$40,000

Using optical (light-based) imaging to differentiate between healthy tissue and cancer, Dr. Jeffrey Carson is one of the few researchers in the world able to apply his photoacoustic scanner directly to patient care in hospital.

Emerging Researchers - the Dr. Ferreira Innovations in Surgical Technology Research Fund, \$40,000

Dr. Ferreira's lab is developing new technologies that are the first of their kind in the world to support surgical training, surgical innovations and enhance joint replacements in support of the care in the Roth McFarlane Hand and Upper Limb Centre.

Emerging Researchers - the Dr. Teeter Arthritis Pain and Immobility Research Fund, \$40,000

Dr. Matthew Teeter is working with the team at St. Joseph's Roth McFarlane Hand & Upper Limb Centre using a compression shirt embedded with motion sensors to track a person's joint movements in order to uncover why implants fail and how to build a superior one using 3D printing.

Dr. Joseph Rea Chair in Mood Disorders, \$33,400

Chair position to support evidence-based research into the causes, prevention, and treatment of affective disorders to improve care and treatment.

Lawson General Endowment, \$31,091

Supports ongoing research initiatives at Lawson Health Research Institute that is improving health care for our community, region and beyond.

Collaborative Health Research Informatics System, \$26,932

A computer database system to capture both clinical and research data in older individuals seen in the Aging Brain and Memory Clinic as well as investigator initiated research projects.

Non-Invasive "Liquid Biopsy" Study for the Detection of Prostate Cancer, \$26,500

Biomarkers of Acute Kidney Injury, \$24,267

To support the clinical aspects of a one year research study to assess the levels of two new biomarkers to help in the diagnosis of patients with acute kidney injury.

Combined diagnostic index to predict, cognitive decline and progression to dementia in older adults with mild cognitive impairment (MCI), \$22,000

Not ready to admit it: Identifying Canadian Armed Forces members with latent operational stress injuries, \$22,000

Parkwood Planning and Pacing App for the Acquired Brain Injury Rehabilitation Program, \$19,979

A points system for those with an Acquired Brain Injury (ABI) to help manage symptoms through an application used on smartphones, tablets, etc.

Donald and Elizabeth Ness Endowment, \$19,434

In support of the pursuit of commercialization initiatives to obtain expert assistance for researchers, to commercialize their discoveries at Lawson Health Research Institute.

Strategies for Regeneration of Pancreatic Beta Cells to Reverse Diabetes, \$18,208

A clinical trial to determine the extent to which probiotic therapy reduces the side effects of antibiotic prophylaxis therapy in pediatric neurogenic bladder patients with a history of recurrent urinary tract infections, \$17,500

Rheumatology Day Programs Post-Doctoral Fellow, \$16,438

The Mary Elizabeth Horney Endowed Fellowship in Rehabilitation Research, \$15,797

Structural and Functional Changes to the Retina and Optic Nerve Following Anti-VEGF Treatments in Diabetic Retinopathy, \$15,000

Functional CT Imaging in Ventricular Tachycardia, \$14,611

Imaging Glucose Metabolism in MRI and PET: Cross-Validation of GlucoCEST and FDGPET, \$14,432

Lucille & Norton Wolf Health Research Lecture Series and Lucille & Norton Wolf London Health Research Day Trainee Publication Awards, \$14,410

Intravital video microscopy (IVVM) research, \$13,344

London Life Endowed Research Studentship in Stroke Rehabilitation, \$12,228

Attention/working memory rehabilitation in relapsing remitting multiple sclerosis, \$11,818

2015/16 Robert S. and Mary Gay, Donald, James and Helen (Taylor) Gay Endowed Research Fellowship in Veteran Care, \$11,000

Improving Drug Therapies for Asthma and Cancer Patients, \$10,200

2015/16 Endowed Research Fellowship in Care of Older Adults, \$9,707

Bringing Contemporary Dopamine Receptor Imaging to London: A GMP Production of (+)-[11C]PHNO", \$9,639

Effect of dietary olive oil supplementation during pregnancy to diabetic mothers, and its impact on pancreatic development on their offspring at birth and at young adulthood, \$9,459

Gold Shackles or Freedom Band: The Electronic Patient Wrist Band and its Role in Patient Safety and Recovery Oriented Care, \$7,174

Electrical stimulation for the treatment of pressure ulcers in patients with spinal cord injury: Implementation in routine practice, \$7,133

Comparing neuromuscular function in mobility impaired and healthier older and younger adults, \$7,059

Problem Solving Therapy (PST) Education: Providing Excellence in Mental Health Care through Staff Skill Development, \$6,829

Research Capital Fund, \$5,089

Supports ongoing research initiatives at Lawson Health Research Institute that is improving health care for our community, region and beyond.

2015/16 Siskinds Endowed Studentship in Spinal Cord Injury Research, \$3,567

2015/16 Joseph A. Scott Endowed Studentship in Mobility & Aging Rehabilitation Research, \$3,533

Impact of cognition and anxiety on falls and reintegration back into community living in older adults after discharge from inpatient rehabilitation for a lower extremity amputation, \$2,627

An international multi-site population based study to determine the prevalence and functional impact of Lymphoedema/chronic edema in the adult population of member countries of the International Lymphoedema Framework, \$2,471

Development and Validation of Computational Models for Glenohumeral Joint Simulations, \$2,471

Regeneration of Insulin-Producing Cells to Reverse Diabetes, \$2,407

2016/17 Annual Perinatal Outreach Conference, \$2,000

Development and Implementation of an Educational Curriculum for Palliative Care in Patients with Neurological Illness, \$1,910

The Dr. Peter A. Rechnitzer Fund for the Centre for Activity and Aging, \$1,829

Understanding Bariatric Client Care Needs and Capacity at a Rehabilitation Hospital, \$1,574

The Dr. Peter A. Rechnitzer Fund for the Centre for Activity and Aging, \$1,322

Sister Mary Doyle Leadership Award, \$500