

LONDON, ONTARIO CANADA



WHERE MEDICAL DEVICE INVESTMENTS COME TO LIFE!

Whether you are seeking leading edge research, medical device testing and validation or a great location to establish your medical device business, you should consider London, Ontario, Canada.

World-renowned medical device companies such as G.E. Healthcare, 3M and Trudell Medical International have established operations in London to take advantage of the unique combination of attractive business costs, top talent, world class research institutions and infrastructure.

London is also home to a number of rapidly growing, emerging medical device companies that have been nurtured in the fertile London business environment.

London has a vibrant and growing life sciences sector. There are 19 hospital and research facilities and over 50 life sciences companies. More than 21,000 people are employed in this sector, including over 2,000 researchers. Located halfway between Toronto and Detroit, London is the regional centre for Southwestern Ontario, Canada.

LEADING DEVELOPMENTS

Recent investments in London are supporting the needs of researchers and attracting companies from around the world. Kelman Centre for Advanced learning provides training of healthcare practitioners, the pioneering of surgical techniques and sharing of research discoveries.



The Centre for Clinical Investigation and Therapeutics fosters clinical research by making intellectual and physical resources available for cutting edge translational clinical research.

The Innovarium is a 3700 sq. m. research facility located at Western. This facility enables researchers and scientists to conduct animal based medical research including surgery and monitoring.



Core Research Strengths

- Advanced Medical and Molecular Imaging
- Biomedical engineering and prototype development
- Validation (pre-clinical and clinical)
- Education (training and simulations)
- Biomaterials and Nanotechnology

Universities and Colleges

The University of Western Ontario (Western)

- Schulich School of Medicine and Dentistry
- Faculty of Engineering
- Computer Science
- Ivey School of Business Health Stream
- WORLDdiscoveries™
- Tech Transfer and Commercialization Services
- Research Western

Fanshawe College

- Applied Degree in Biotechnology
- Lab Technician Program

Commercialization Centres and Research Parks

- The Stiller Centre for Technology Commercialization
- The University of Western Ontario Research Park

Other Major Institutions

- Aging Rehabilitation and Geriatric Research Centre
- Canadian R&D Centre for Probiotics
- Centre for Mind and Brain
- Child Health Research Centre
- CIHR Institute of Infections and Immunity
- London Regional Cancer Centre
- London Regional Genomics Centre
- National Centre for Audiology
- National Research Council of Canada
- The UWO Photonics and Nanotechnology Laboratory
- Experimental Eye Research Facility

MAJOR RESEARCH INSTITUTES IN LONDON, ONTARIO

CANADIAN SURGICAL TECHNOLOGIES AND ADVANCED ROBOTICS (CSTAR)

CSTAR is a collaborative research and education program of London Health Sciences Centre, Lawson Health Research Institute and Western.

CSTAR is a 2100 sq. m. facility which integrates research, development, preclinical and clinical testing, validation, commercialization and clinical implementation of Minimally Invasive Surgery technologies and robotics. CSTAR has been contracted by global medical device companies to do product validation and to ensure rapid introduction and acceptance of techniques and devices through education.



LAWSON HEALTH RESEARCH INSTITUTE (LAWSON)

Lawson is one of Canada's largest hospital-based research institutes with over 500 principal investigators and clinicians. Lawson is currently involved in more than 1800 active clinical trials (Phase I to Phase IV) and is recognized worldwide for its "bench to bedside" approach to innovative medical research in fields of biotechnology, imaging and medical devices.

Core research strengths at Lawson include drug discovery, pre-clinical and clinical studies, technologies for non-invasive molecular imaging, diagnostic image integration and image guided therapy, magnetic field therapies, chronic disease monitoring, surgical technologies, tissue survival, transplantation and regenerative medicine, detection and treatment of cancer, orthopaedics, fetal and child health, rehabilitation and neurological sciences.



ROBARTS RESEARCH INSTITUTE

The Robarts Research Institute is a key contributor to Western's research excellence. Focused on the improved detection and treatment of debilitating disease, Robarts boasts 600 people including 43 principal investigators and a powerful suite of core research facilities - from DNA sequencing and flow cytometry resources to ultra-high field imaging equipment and expertise.

Robarts has key strengths in advanced medical imaging, cellular and molecular biology, genomics, immunology, and stem cell biology.- an interdisciplinary approach with physicians and physicists, biologists, and biomedical engineers working under one roof with collaboration extending to 20 countries worldwide. Robarts has experienced commercialization success with more than 80 patents filed, 15 licensing agreements, and eight spinoff companies.



THE STILLER CENTRE

The Stiller Centre for Technology Commercialization facilities are designed for start up Life Science and technology companies looking to establish a North American presence. The Centre offers a range of services to tenants which include labs, shared facilities, market research, mentoring and operations analysis.



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