

## Success Story



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His Excellency the Right Honourable David Johnston, Governor General of Canada, opened the *Centre for Research in Image-Guided Therapeutics (CeRIGT)* at Sunnybrook Health Sciences Centre in November.

Inside this new one-of-a-kind 150,000 sq. ft. space, more than 300 staff, comprised of research and clinical teams, are working in partnership with 30 leading biotechnology and other organizations to bring new devices and treatments to patients across the globe.

Teams of researchers are discovering, developing and commercializing new and innovative devices and methods to treat, cure and eliminate some of our society's most devastating illnesses. These include, Alzheimer's, cancer, stroke and disorders of the heart and musculoskeletal systems.

Already, the Centre has made impressive advancements, such as the invention of a specialized 'helmet' that uses sound waves instead of scalpels to treat inoperable brain tumours, a new way to navigate through blocked blood vessels using 3D technology, and new cell-based therapies that can rebuild damaged heart tissue, as well as treatments for other movement disorders and brain conditions.

The CeRIGT encompasses the full range of translational research, from fundamental work done in the lab and preclinically, to clinical testing with patients, to evaluation of outcomes and back again. Teams in the Centre are also working on other innovations, including custom catheters for cardiac diseases, a vaccine for breast cancer and a method of rebuilding the human immune system.

"Our vision at Sunnybrook is to invent the future of health care and this new Centre is the nucleus for us to save lives through innovation. We are incredibly grateful to everyone who has helped make this a reality," said, Dr. Barry McLellan, Sunnybrook's President and CEO and CAHO Chair. "Putting this Centre in one of the busiest hospitals in the country provides our scientists and clinical teams with a constant reminder and motivation for their work. You do not have to look too far here to find someone who will benefit. We built a one-of-a-kind space and provided the best people with exceptional facilities and we are expecting remarkable results."

For more information on CeRIGT, visit the [Sunnybrook Research Institute website](#).