



Ottawa Hospital's Research Institute Awarded Historic Grant

In August 2008, the Canada Foundation for Innovation awarded the Hospital's Ottawa Health Research Institute (OHRI) a \$32-million grant—the largest ever given out for health research in Ottawa.

Past donations for facilities such as the Sprott Centre for Stem Cell Research have helped the OHRI become a world leader in stem cell research. Ongoing community support, along with the CFI grant, will allow the Hospital to purchase state-of-the-art equipment and build new research facilities, including

more lab space in The Ottawa Hospital Cancer Centre.

By expanding its facilities, the Research Institute can recruit more scientists who will move lab discoveries into patient clinical trials faster. This will have untold benefits for people in our community suffering from ailments such as cancer, diabetes and heart disease.

Combining Surgery and Viruses to Destroy Cancer Cells



Dr. Rebecca Auer, Surgical Oncologist, The Ottawa Hospital, and Associate Scientist, Ottawa Health Research Institute

Dr. Rebecca Auer is one of the rising medical stars whose work will expand in scope and potential in the new research space planned for The Ottawa Hospital Cancer Centre.

Recently recruited from the Memorial Sloan-Kettering Cancer Center in New York, Dr. Auer has two areas of focus: surgery and research. She is a surgical oncologist, specializing in colorectal cancer and sarcomas. She is also working with Dr. John Bell to study oncolytic viruses (a certain type of virus that has been shown to infect and kill cancer cells while leaving healthy cells alone).

In early 2009, Drs. Auer and Bell will merge surgery with research in a clinical trial that will involve patients right here in Ottawa. They will inject oncolytic viruses into patients after all visible cancerous tissue has been surgically removed. It is hoped that the viruses will trigger the immune system to kill off any remaining cancer cells.

"Cancer cells can spread and hide in other parts of the body that we don't see during surgery," says Dr. Auer. "We hope that by adding virus therapy to a surgical procedure, we can remove and kill all cancer cells in the body, and prevent it from recurring."



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C A M P A I G N

Support

Grows

Community support continues to grow for the 20-20 Campaign, which aims to raise \$20 million in 20 months to expand The Ottawa Hospital Cancer Centre. Hundreds of donors have pledged their support, including two young philanthropists from Napanee.

Six-year-old Jayna Adrain (left) and her eight-year-old sister Meghan are among our youngest donors. At a fundraiser in the fall, the girls cut off their hair to inspire their friends and family to donate. This powerful act helped them raise \$1,054 in honour of their late grandfather, who was treated at The Ottawa Hospital Cancer Centre.

The generosity of donors like Jayna and Meghan, along with many other corporations, individuals and workplaces, has pushed the Campaign's total to **\$8.6 million** as of December 2008.

How you can help

The 20-20 Campaign will double the size of The Ottawa Hospital Cancer Centre at the General Campus, and bring more equipment and comfort to cancer patients in our community. You can support this project by donating online at www.ohfoundation.ca or calling 613-761-4295.



Photo credit: The Napanee Beaver

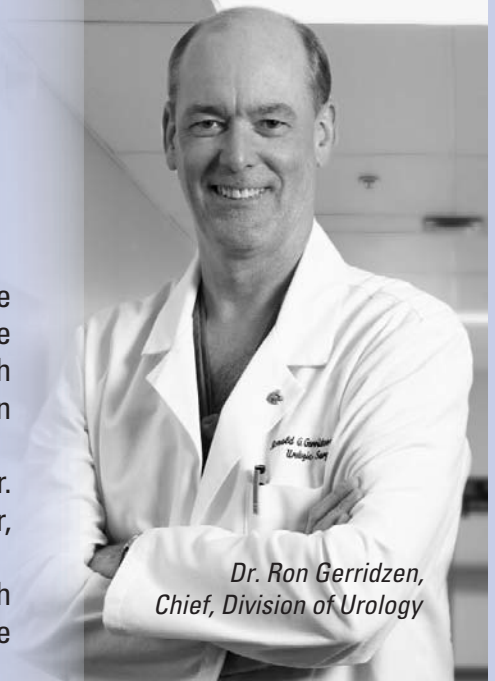
Ottawa Hospital Puts Special Focus on Men's Health

The Ottawa Hospital has launched an ambitious campaign to raise \$1.5 million to create Canada's first Research Chair in Men's Health. The Hospital's Urology division, considered to be one of the best in North America, helped spearhead this important initiative by making their own significant financial donation to the campaign.

The division's 11 urologists care for more than 35,000 patients a year. Most are men seeking treatment for ailments such as prostate cancer, infertility and sexual dysfunction.

The new Research Chair will accelerate the groundbreaking research already taking place, and help the Hospital attract and retain more urology specialists. The division hopes to find better treatments and develop new surgical procedures, which will benefit thousands of patients every year.

"This Chair will help us translate our basic research successes into improved patient care more quickly," says Dr. Ron Gerridzen, Chief of the Division of Urology.



Dr. Ron Gerridzen,
Chief, Division of Urology

How you can help

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New Study Shows Link Between Blood Clots and Cancer

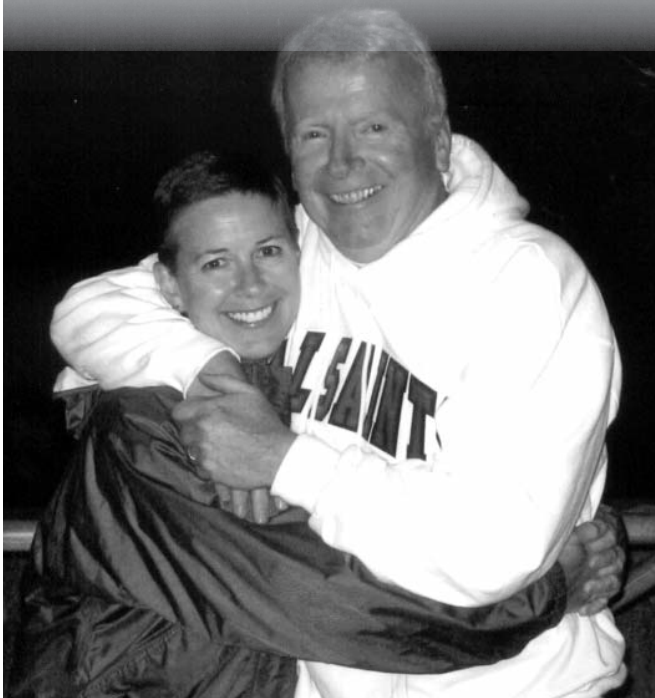
Scientists at the Ottawa Health Research Institute (OHRI) have found a strong link between blood clots (or thrombosis) and cancer. The OHRI study found that one in 10 patients diagnosed with a certain type of blood clot will be diagnosed with cancer within a year.

The OHRI's Thrombosis Research Group, led by Dr. Marc Carrier and Dr. Marc Rodger, is excited about the promising results of the study. Thanks to a pilot screening project, "we have been able to detect a number of cancer cases much earlier than we would have otherwise been able to," says Dr. Carrier.



Dr. Marc Carrier and Dr. Marc Rodger

Thrombosis Patient Grateful For Innovative Research



Michael Baine and his wife, Deirdre Gibbons

Michael Baine knows first-hand the importance of the OHRI's thrombosis research. In March 2006, this retired teacher woke up with a deep throbbing pain in his leg. He was diagnosed with deep vein thrombosis, and treated at The Ottawa Hospital's Thrombosis Clinic. There, he was asked to join the OHRI's innovative screening study to see if his blood clot was indicative of possible cancer.

Michael was shocked when tests revealed a tumour on his kidney, which was quickly removed. Further tests revealed that the tumour was non-cancerous; however, his surgeon told him the tumour would have caused him health problems in the future had it not been found.

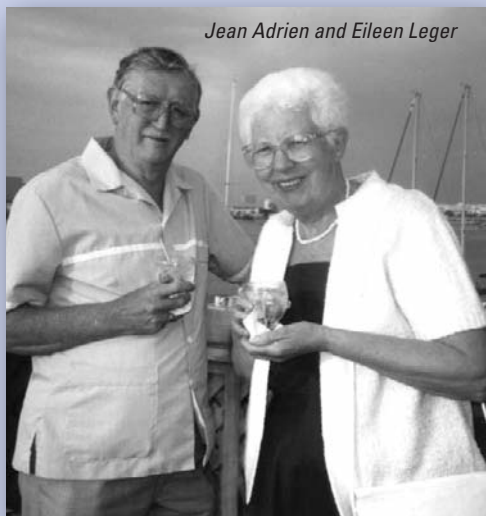
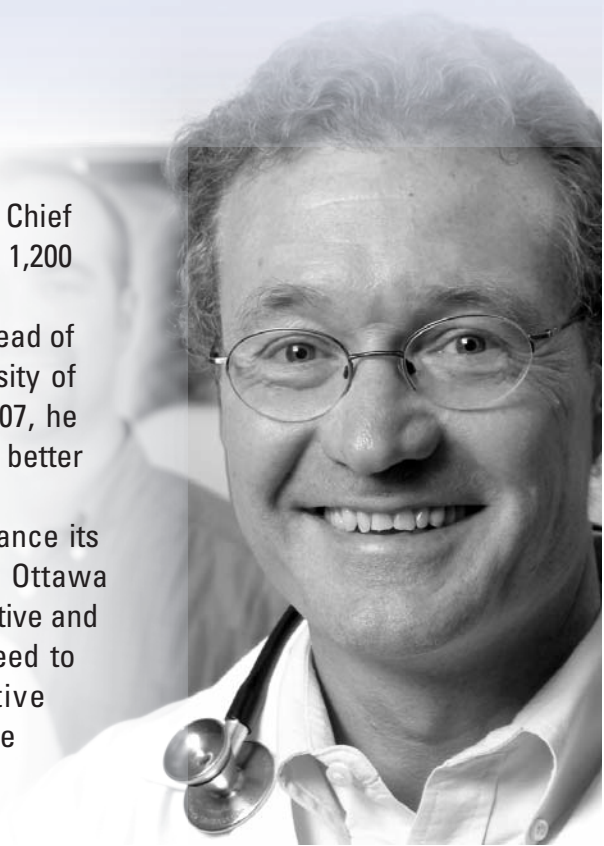
"It just shows that you really don't know when you will need The Ottawa Hospital," says Mike. "The community's support for research like this made a significant and positive difference in my life."

Meet the Hospital's New Chief of Staff

In July 2008, Dr. Jeffrey Turnbull became The Ottawa Hospital's new Chief of Staff. In this role, he is responsible for ensuring that the Hospital's 1,200 physicians provide high-quality, compassionate care to our patients.

Dr. Turnbull has worked at the Hospital since 1991, most recently as head of the Department of Medicine. He plays leadership roles at the University of Ottawa and the College of Physicians and Surgeons of Ontario. In 2007, he received the Order of Canada for his involvement in initiatives to provide better health care to the less fortunate and homeless, in Ottawa and abroad.

In his new role, Dr. Turnbull will focus on how the Hospital can enhance its role as the regional health care provider for Eastern Ontario. "The Ottawa Hospital is the hub for health care in our region, including dialysis, palliative and geriatric care, trauma and stroke care, and cancer treatments. We need to explore the best ways to transfer new knowledge and innovative treatments to our regional hospitals, so that everyone has access to the incredible things happening here in Ottawa."



Jean Adrien and Eileen Leger

Giving Back to the Hospital That Gave Them So Much

Jean Adrien and Eileen Leger were great believers in the power of research, spending the majority of their working lives in the research labs at Alcan.

The importance of supporting cancer research became clear after both Legers battled this disease successfully, thanks to the excellent care they received at The Ottawa Hospital. This tremendous care allowed both Jean Adrien and Eileen to live well into their eighties, and inspired them to include the Hospital in their wills when they passed away.

Their generous bequest led to the creation of the J. Adrien and Eileen Leger Chair in Cancer Research, which provides ongoing funding to oncology research.

The current Leger Chair holder is Dr. Ian Lorimer, one of the Hospital's leading breast cancer researchers. He and his team are studying how to create personalized treatments for breast cancer patients based on their unique genetic makeup. Thanks to the vision and generosity of individuals like Jean Adrien and Eileen Leger, our scientists can continue their groundbreaking research that could one day lead to a cure for cancer.

We Support



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