



# NEWS

AUTUMN 2008

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# \$160 MILLION

## FUNDED: CENTRE FOR RESEARCH IN IMAGE-GUIDED THERAPEUTICS

See insert for comprehensive coverage of the single largest award to Sunnybrook

# New and Noteworthy

**The fundamentals of funding:** We've added a new section containing essential information on funding opportunities in health and life sciences research for scientists at Sunnybrook Research Institute. In it, we summarize each of the main categories of funding—infrastructure, operating, salary and new investigator, outreach, development and commercialization, prizes, and studentships and training—and list the most common funding agencies and their opportunities—more than 100 of them so far. We've created tables with important information, including application deadlines, links to sponsors' Web sites and expected dates of award.

We'll update the section regularly with new opportunities, and we're working to develop a way to allow researchers to subscribe to an electronic mailing list so they can receive funding updates by e-mail.

<http://www.sunnybrook.ca/research/?page=funding>



# CHSS Notes

- The first annual CHSS Health Services Science Day will be held on Thursday, October 23, in Sunnybrook's McLaughlin Auditorium. It will showcase the variety of health services research being done here at SRI, and highlight opportunities for investigators who might be interested in this area. The keynote speaker will be Maureen O'Neill, president of the Canadian Health Services Research Foundation. A call for abstracts will go out in September.
- The Clinical Studies Resource Centre (CSRC) has completed a fourth workshop on "Informed consent: writing, obtaining and documenting," and is planning an autumn course on "Completing the TAHSN REB form: tips to save you and the reviewers time." Owing to their popularity, the CSRC workshops are often oversubscribed. The CSRC has also begun the initial phases of training for the roll-out of organization-wide standard operating procedures for clinical research as part of its participation in Network of Networks (N2).
- CHSS, the research ethics office and the department of quality and patient safety are developing a committee to work on the issue of quality improvement vs. research, and the need for review at the institutional level.
- CHSS, led by SRI scientist **Dr. Merrick Zwarenstein**, director of the discipline of combined health services sciences, and the Centre for Mother, Infant and Child Research, are part of the working group to develop a University of Toronto clinical research initiative. Led by Dr. Catherine Whiteside, dean of the faculty of medicine at U of T, Dr. George Fantus, associate dean of research at the faculty of medicine, and U of T researcher Dr. Laurie Morrison, the group is working to develop a framework that will encompass the strengths of the Toronto academic health sciences centres involved.
- CHSS continues to get requests for research assistance and presentations from across the hospital on a weekly basis. We are also gearing up for an exciting internal media launch in September 2008.
- CHSS has a new main—and personalized—telephone number: 416-480-6100, ext. CHSS (2477).

# Editor's Scratch Pad

If it is true that the future belongs to those who know how to wait, then the future is Sunnybrook Research Institute's. Early summer, after a very long interval indeed, Sunnybrook Health Sciences Centre was notified that its proposal to establish the Centre for Research in Image-Guided Therapeutics was successful in the Canada Foundation for Innovation's Research Hospital Fund. After another two months, during which time all involved honoured a strict zipped-lips embargo, the news was announced officially. To celebrate this spectacular achievement, we've created this special edition of the newsletter, which has a pullout insert covering how the proposal was built and won, and summarizing the research underpinning the creation of this Canadian first.

Many researchers—dozens were involved in the crafting of the proposal—may have been waiting, but there was certainly no lull in activity. And so, there is much else to celebrate, including the success of an overflowing handful of scientists in recent CIHR and other grant funding competitions. In addition, two Sunnybrook Research Institute imaging scientists have successfully moved their technology, 10 years in the making, into a company that will develop it further for a clinical market. Read about it on page 3.

You'll notice a new section in *Nexus*, "New and Noteworthy." Introduced in the last edition of the newsletter, it profiles changes we are making to Sunnybrook Research Institute's section of the Web site, [www.sunnybrook.ca/research](http://www.sunnybrook.ca/research). The site has undergone a large-scale content and design makeover, but the work is far from complete. We continue to add, restructure and redesign content to make it more useful and informative for all of our audiences, internal and external. The change on which we train the spotlight in this edition is the addition of a comprehensive funding section. With it, scientists and students at Sunnybrook Research Institute now have essential information about upcoming funding opportunities, and how to apply for them, at the click of a mouse. If there's something we haven't included that you'd like to see, let us know.

—Stephanie Roberts

## Scientists Receive Funding for Prostate Cancer Research

The Prostate Cancer Research Foundation of Canada has awarded \$60,000 to two Sunnybrook Research Institute (SRI) scientists: **Drs. Rajiv Chopra** and **Dan Dumont**, for 18-month pilot projects that meet the foundation's mandate of supporting innovative research with the potential to enhance the diagnosis and treatment of prostate cancer.

**Chopra**, an imaging scientist at SRI, will use the funding to research the efficacy of magnetic resonance elastography (MRE), a new technology that allows doctors to see tissue stiffness. His study will test MRE in preclinical models before assessing its usefulness for men. If proven effective, MRE could detect cancer more accurately and noninvasively, and reduce the number of unnecessary biopsies.

**Dumont**, director of the discipline of molecular and cellular biology at SRI, will study the role of angioproteins Ang1 and Ang2 in the progression of prostate cancer. His research will compare the influence of the two proteins on tumour growth and metastasis, which could lead to new and more effective treatments of the disease.

## CIHR Taps SRI PIs

Five Sunnybrook Research Institute (SRI) researchers were awarded grants totalling more than \$3.1 million in the March 2008 Canadian Institutes of Health Research (CIHR) operating grant competition.

**Dr. Sandra Black**, director of the neurosciences research program at SRI, was awarded more than \$1.4 million—\$282,211 a year for five years—for her research investigating in vivo brain mapping in the dementias. Her longitudinal brain-behaviour study, active since 1995, focuses on interactions between Alzheimer's and cerebrovascular disease.

**Dr. Juan Carlos Zúñiga-Pflücker**, a senior scientist in molecular and cellular biology at SRI and the Canada Research Chair in Developmental Immunology, will receive \$685,065—\$137,013 a year for five years—for his study of how T cells mature within the thymus.

**Dr. Dean Rowe-Magnus**, a scientist in clinical integrative biology at SRI, will receive \$426,200—\$106,550 in each of four years—for his research into the marine bacterium *Vibrio vulnificus*, a human and animal pathogen that causes fatal septicemia (bacteria in the blood) and wound infections.

**Dr. Geordi Pang**, an associate scientist in imaging at SRI, was awarded a one-year grant for \$87,806 for his work in the development of a detector aimed at improving lung radiotherapy such that healthy parts of the organ are spared exposure to radioactive beams.

**Dr. Stuart Foster**, a senior scientist in imaging at SRI and the Canada Research Chair in Ultrasound Imaging, will receive \$524,885—\$104,977 a year for five years—for his work to develop better ways to create molecular labels for molecules known to be involved in cancer progression.



Dr. Dean Rowe-Magnus was awarded a four-year grant in CIHR's spring competition

## SRI Physicists Form Startup Company



Dr. Michael Bronskill will commercialize a new prostate cancer therapy through Profound Medical Inc.

Sunnybrook imaging researchers **Drs. Michael Bronskill** and **Rajiv Chopra** have partnered with Genesys Capital to form Profound Medical Inc., which will commercialize their magnetic resonance imaging-guided ultrasound therapy for prostate cancer.

The new therapy may offer patients a faster and more precise treatment than current clinical therapies, with fewer side effects. It uses heat from focused ultrasound delivered through a transurethral applicator to ablate cancerous cells while sparing surrounding tissue that is essential for healthy urinary, bowel and sexual function.

The system incorporates magnetic resonance temperature readings and images of the prostate every five seconds, and then adjusts the location and intensity of ultrasound delivery through computerized algorithms to achieve spatial precision. With support from Profound, and in collaboration with SRI clinician-scientist **Dr. Laurence Klotz**, head of urology at Sunnybrook, Bronskill and Chopra will conduct preliminary testing on the therapy in preparation for a clinical trial.

The Terry Fox Foundation, Ontario Research and Development Challenge Fund and Canadian Institutes of Health Research funded early-stage development of the scientists' work. Early in 2008 the Ontario Institute for Cancer Research, which is funded by the government of Ontario, invested \$500,000, which spurred venture capital interest and led to the formation of Profound.

Profound will share office space at SRI's 3080 Yonge Street location with VisualSonics Inc. and Sentinelle Medical Inc., two other startups spun from imaging technologies developed at SRI.

# TOOL KIT: LEICA SM2500 MICROTOME



Research technician Dan Wang removes a tissue sample from the Leica SM2500 microtome in the lab of senior imaging scientist Dr. Martin Yaffe

The Leica SM2500 microtome can section whole organs such as breast, prostate and tongue at a mere four micron thickness—less than the diameter of a cell—in sections up to 20 centimetres wide. Combined with other tools and techniques, including agar suspension to preserve three-dimensional (3-D) tumour conformation, histological or immunohistochemical staining, and scanning with a confocal slide scanner (of slide areas measuring up to 5 by 7 inches), the microtome forms part of a larger 3-D pathology process that allows scientists and clinicians to locate accurately all tumours and characterize their molecular properties—including cancer stem cells—using morphological and biomarker patterns. With conventional work, in contrast, small tissue samples (about one square centimetre) are coarsely selected and histology is represented in two-dimensions.

“This 3-D pathology method is the gold standard for determining the presence of cancerous tissue, and can be used to validate the accuracy of cancer imaging techniques and to establish distribution of biomarkers in tissue,” says Gord Mawdsley, an engineer in the lab of SRI senior imaging scientist **Dr. Martin Yaffe**, who helped develop the process with other members of Yaffe’s lab. “It’s unique in Canada, and

the protocols developed using the microtome are now being used by several researchers at SRI and for setting up duplicate labs at the University Health Network and the University of Western Ontario.”

Sunnybrook Research Institute boasts two of the \$150,000 machines, one funded by the Canada Foundation for Innovation and Ontario Innovation Trust, and another with additional functionality for electron microscopy and other applications, newly acquired through the Ontario Institute for Cancer Research.

## CV: Dr. Kaveh Shojania



**Bio basics:** Patient safety and quality improvement scientist in SRI’s combined health services sciences discipline; arrived from Ottawa Health Research Institute in April 2008. Staff internist at Sunnybrook; received MD from the University of Manitoba. Internal medicine residency at Brigham and Women’s Hospital (Harvard), and hospital outcomes fellowship at the University of California, San Francisco.

### What attracted you to patient safety and quality improvement?

People who get involved in this area typically fall into two groups. One focuses on errors and tries to learn from other high-risk industries like aviation and nuclear power, through really detailed investigations of catastrophic errors. I’ve done some of that, but my passion is in the other camp, which treats patient safety like any other area of research. It deals with more mundane but still important complications—hospital-acquired infections, adverse drug reactions—and looks for strategies to prevent them. They may not be sexy, but we can apply the traditional biomedical research model: here’s a hypothesis that this intervention will prevent these complications; now let’s evaluate it.

### What’s happening in your field currently?

Right now it’s a matter of managing expectations. A lot of interventions in patient safety get overhyped, and when we implement them, they don’t work as well as we thought. Many people feel we didn’t pay enough attention to safety and quality for years—which is true—and that since we’re paying attention now, we should be able to make the problem go away. But that

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doesn’t happen, and it’s not from lack of effort. Hospitals are complicated places. If you fix one thing in one area, sometimes you create a problem somewhere else. It’s about unintended consequences.

### Is that the biggest challenge in this area of research?

That’s one. The other is ideological. There’s a debate playing out right now, which is really a philosophical difference. The question is, should we set the same scientific standards for interventions to improve quality and safety as we do for clinical research? Can we afford to wait for large randomized controlled trials (RCTs) to find out if, say, a computerized order entry system, which we’re implementing at Sunnybrook, prevents errors? I’m not saying you always do an RCT, and sometimes you can’t test something without implementing it, but hospitals have mandated several costly, complex and time-consuming interventions without good evidence and evaluation.

### Is Sunnybrook a good place for this research and evaluation?

It’s one reason I moved here. The corporate and academic investment in safety here is really far above what it is most places. We have the patient safety service started by Ed Etchells and Don Redelmeier. The monthly patient safety rounds are very well attended, often with 100 people, and U of T is starting a joint centre for patient safety for which Sunnybrook and SickKids will be the lead sites, so I think Sunnybrook is poised to be a real leader in this area.

## PEOPLE @ SRI

### Newly Appointed:

Urban Emmenegger, MCB, cancer (scientist)  
Andrew Loblaw, CHSS, cancer (scientist)  
Rob Quinn, CE, cardiac (scientist)  
Kaveh Shojania, CHSS, veterans and community (scientist)  
Andy Smith, CHSS, cancer (associate scientist)

# What Goes Around, Comes Around

## Outreach brings SRI's science and technology to the classroom

By Jim Oldfield

Calculating bone properties of metastatically involved rat spines with 3-D micro-computed tomography in an orthopaedic biomechanics lab is not how most teachers envision spending their summer break. Rosa Assalone, however, is not like most teachers. The grades 11 and 12 Bishop Ryan secondary school physics instructor travelled from Hamilton to Toronto to spend three weeks in August at Sunnybrook Research Institute (SRI) working with Dr. Cari Whyne's lab group as part of the Teachers' Science and Technology Outreach Program (TSTOP), a Ministry of Research and Innovation initiative that brings together academic researchers and teachers to help students grasp just what science can do.

The return, says Assalone, was worth the investment: "It really turned out well in terms of learning things to bring back to the classroom."

Assalone, who did TSTOP last year at McMaster University, was impressed with the technology and range of experience offered at SRI. In addition to analyzing 3-D micro-computed tomography, she used pedicle screw insertion software to simulate spinal fusion surgery, saw a demonstration of BrainLAB (a wireless, image-guided surgical navigation system), observed the molecular effects of radiation treatment in preclinical models of spinal metastases and attended lab meetings. She also found Whyne's diversely skilled lab members welcoming and helpful: "They're all working on different projects or specific areas of larger projects, but they sat down with me and shared what they were working on."

For Whyne and her lab, in turn, hosting Assalone was a chance to give back to the community and perhaps have a long-term impact on impressionable students. "I think outreach to teachers and students is very much a valuable investment, because it creates linkages to science and technology that can directly motivate students to go into research," says Whyne, who is the director of the Holland musculoskeletal research program.

**“ I think outreach to teachers and students is very much a valuable investment because it creates linkages to science and technology that can directly motivate students to go into research.”**

**—Dr. Cari Whyne, director of the Holland musculoskeletal research program**

A day visit by Assalone's students to Whyne's biomechanics lab, planned for the coming school year, will help make manifest those positive associations. "It's good for students to get out of the classroom and actually see the potential for their careers, because it's really hard for them to imagine what they can do with physics after graduation," says Assalone. Seeing researchers with such varied backgrounds—engineering, veterinarian medicine, biology and medicine —working together toward common goals will also facilitate broader career thinking, she says.

Programs that provide that kind of perspective are relatively new in Canada. When Whyne was in high school, such options weren't available at the undergraduate level in Canada, she recalls. There were few women in engineering, and "hardly anyone could even tell me what engineering was," she says. It pushed her to get involved. While at the University of California, San Francisco, she did outreach with female students and primary school teachers, and back in Canada she was a mentor at girls' science camps, among other activities.

Preparing for maternity leave, Whyne brought TSTOP to the attention of Michael Hardisty, a research engineer in her lab, and he took up coordination of the program for SRI. Hardisty, who will begin a PhD at the University of California, Davis this September, had also done outreach and saw TSTOP as a mutually beneficial opportunity. "It's good for science to be integrated into society, and it's healthy for science to have the scrutiny from society that outreach provides," he says.

While Hardisty and Whyne plan to continue reaching out, and say they would do TSTOP again, the success of the program—like the success of students—hinges on teachers. Says Whyne, "For a teacher to take three weeks of their summer, unpaid, and spend that time in the lab—it's very impressive."



Mike Hardisty, a research engineer in the biomechanics lab of Dr. Cari Whyne, worked with high school physics teacher Rosa Assalone this summer through the Teachers' Science and Technology Outreach Program

# TRAINEES' POST

## For Students by Students

Three undergraduates share their insights on making the most of the summer research studentship

"Inspiring." "A privilege." These are just some of the responses from undergraduates who participated in the summer student research program at Sunnybrook Research Institute (SRI). Running May through August, the program provides students with hands-on research training and the opportunity to work with SRI scientists, and culminates in the summer research project competition. While students have developed a deep admiration for their supervisors, SRI researchers have in turn been very impressed with the students' work. "The calibre is superb—far better than the type of science being done 10 years ago," says Dr. Don Redelmeier, director of the discipline of clinical epidemiology and a judge of the competition. "It's so heartening that the next generation seems to be better than the generation that preceded it."

Miaad Aliroteh, Jessica Truong and Diana Withrow were winners in the imaging, clinical integrative biology and clinical epidemiology disciplines, respectively, at this year's competition. (See opposite page for coverage.) Here, they reflect on the experience—rewards, challenges and lessons learned.



Miaad Aliroteh



Diana Withrow



Jessica Truong

### What was it like working with your supervisor(s)?

**Aliroteh:** My supervisors [Drs. Michael Bronskill and Rajiv Chopra] structured my project really well. They also gave me the opportunity to participate in weekly meetings and present my work to the team. Although some of the work I did followed a set procedure, I was free to explore and think for myself. I gained a lot of practical experience and a sense of contributing to the group.

**Truong:** I had a really great experience working with Dr. [Isabelle] Aubert. [I was given] a lot of independence and allowed to plan and carry out a lot of my own experiments. She was also really enthusiastic and friendly, which made working with her all the more enjoyable.

**Withrow:** I was very fortunate to have worked with these doctors [Rebecca Dent, Teresa Petrella and Sunil Verma]. They provided me with insight into the day-to-day tasks of a clinician and researcher, encouragement when I was unsure of myself, and guidance whenever I reached a fork in the road. The passion they have for their work is contagious and I look forward to having a career that I am equally excited about.

### What did you learn about the nature of research?

**Aliroteh:** I learned that research is mostly about validating key concepts or designs while development/commercialization is about perfecting these concepts and designs. My project was simplified so that it could be completed within the four-month time frame, and yet prove or disprove the big question.

**Truong:** At the Aubert lab, research is a team effort. We tried our best to assist each other on our projects, and I know that I couldn't have done my project without the other members of the lab. Because everything was new to me, I had to ask for help from many people—about where things were kept, how I should approach things, which protocol to use, etc.

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**Withrow:** I had expected many aspects of research to be tedious, and from time to time they were. But I also learned how very rewarding it is to complete a project and see all your work synthesized in a meaningful way.

### What were some challenges you encountered, and how did you deal with them?

**Aliroteh:** A significant portion of my work was engineering design, which is about finding a solution that fixes several problems at once. Often a solution to one problem makes another problem worse. I had to explore the best solutions on my own, make a few guesses, try a few things and see what worked well. In the end, these challenges are what made this experience worthwhile and rewarding.

**Truong:** Understanding the nature of the lab and what it takes to plan out a project took a long time to get used to . . . [I was] continually modifying my experiments after more readings and collaborations with other members of the lab. My experiments did not always work out as planned, but there was always someone in the lab who had a similar experience to help me fix the problem.

### Any advice for other summer students?

**Truong:** Enjoy [your] time, especially with the other members of the lab. Knowledge in the field of research you want to work in helps; you don't have to spend as much time learning a whole new field, and you can spend more time planning your experiments instead. Time goes by very quickly. Your summer is over before you know it!

**Withrow:** Four months is relatively short, and there is a steep learning curve when you are in a brand-new environment. I think it is important to ask questions, be observant of the people around you and bring enthusiasm to the tasks at hand.

# APPLAUSE



**Dr. James Carlyle**

**Ministry of Research and Innovation Early Researcher Award**

Dr. James Carlyle, an SRI scientist who is a new recruit to the discipline of molecular and cellular biology, has received an Early Researcher Award from the Ontario Ministry of Research and Innovation. This competitive program recognizes and rewards young researchers who show great promise in their early careers. The award of \$100,000, to be put toward building a research team, runs over five years and comes with a 50% match from SRI.



**Dr. Robert Kerbel**

**2008 European Institute of Oncology Breast Cancer Award**

Dr. Bob Kerbel, a senior scientist in molecular and cellular biology at SRI, was honoured by the European Institute of Oncology with its 2008 Breast Cancer Award. He was honoured for his achievements in the study of tumour biology, drug resistance, metastases and tumour angiogenesis, and his contribution to the discovery of antiangiogenic drug activity and its surrogate biomarkers. The award was presented to Kerbel at the 10th Milan Breast Cancer Conference on June 18, 2008, where he gave a lecture in memory of Dr. Judah Folkman, a cancer scientist and physician widely held to be creator of the field of angiogenesis research, who passed away in January 2008.



**Dr. Graham Wright**

**GE Healthcare Thought Leader**

Dr. Graham Wright, director of the Schulich cardiac research program, has been named to the 2008 class of GE healthcare Thought Leaders, an initiative that recognizes the top minds in the field of magnetic resonance. Wright is one of 10 inductees. He was chosen for his important contributions to magnetic resonance, which include creating new catheter-based imaging devices to manage occlusive vascular disease, and establishing new methods to distinguish and characterize the border between endocardial infarcts and healthy tissue.

## Undergraduates Shine at the Summer Student Poster Competition

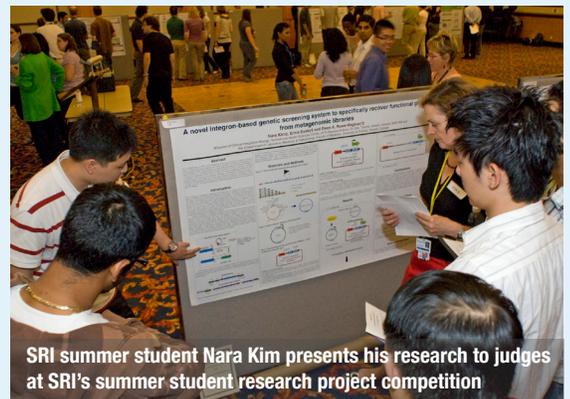
Sunnybrook's McLaughlin auditorium was abuzz as undergraduates from the summer student research program presented their work at this year's summer research project competition. Held on August 20, 2008, the competition capped the 16-week program, which offers students a hospital-based research experience that allows them to broaden their skills and explore a career in research.

Five awards were given: one in each of the disciplines of clinical epidemiology, imaging, and molecular and cellular biology, and two in the discipline of clinical integrative biology. Projects were evaluated on the quality of the science, nature of the presentation and defense of the research findings.

**Avriel Herrmann**, one of the winners from clinical integrative biology, reflected on his experience: "Working in the lab was great. I was working with great people with whom I became good friends. Working with other departments is also very useful and [I developed my] skills—using the software I used, performing the studies I did—a lot of things I'll be able to use later on, which is very helpful." Supervised by **Drs. Richard Aviv** and **Krista Lanctôt**, Herrmann placed second for his project, "A Voxel-based CT lesion localization study of post-stroke depression." **Jessica Truong**, the first-place winner from clinical integrative biology, was chosen for her project, "Differentiating neural progenitor cells into neurons: a potential therapeutic for Alzheimer's disease," supervised by **Dr. Isabelle Aubert**.

**Miaad Aliroteh**, supervised by **Drs. Rajiv Chopra** and **Michael Bronskill**, was the winner from imaging for his research, "Matching circuits and dual-frequency MRI-guided transurethral ultrasound therapy." **Tina Wang**, who was supervised by **Dr. Juan Carlos Zúñiga-Pflücker**, was the winner from molecular and cellular biology for her project, "Characterization of the initial hematopoietic stages from embryonic stem-cell-derived progenitors." The winner from clinical epidemiology was **Diana Withrow**, supervised by Drs. Rebecca Dent, Teresa Petrella and Sunil Verma, for her project, "Trastuzumab-mediated cardiotoxicity in the non-trial setting: evaluation of patients receiving adjuvant Trastuzumab at an academic centre."

Sunnybrook Research Institute scientists who attended the event affirmed the talent and hard work of the summer students. **Dr. Richard Wells**, director of the Odette cancer research program, and a supervisor in the studentship program said, "I'm really impressed by the quality and breadth of the experimental work. It's fantastic science. Everything is covered—full patient work, epidemiology, molecular biology. It's an astoundingly high quality set of presentations."



SRI summer student Nara Kim presents his research to judges at SRI's summer student research project competition

# BULLETIN BOARD

September 24

**Public Forum: “Advancing global health by encouraging medical science worldwide”**

4:30 p.m.

MaRS Discovery District  
101 College Street

October 21

**The Gairdner Foundation Public Lecture**

7:30–9:00 p.m.

MaRS Collaboration Centre  
101 College Street  
[www.gairdner.org](http://www.gairdner.org)

October 23–24

**The Gairdner Foundation Minds That Matter Symposium**

Medical Sciences Auditorium  
University of Toronto  
[www.gairdner.org](http://www.gairdner.org)

September 29–October 1

**Imaging Network Ontario’s 7th Imaging Symposium**

University of Toronto Residence  
89 Chestnut Street  
[www.imagingnetworkontario.ca](http://www.imagingnetworkontario.ca)

October 23

**2008 Combined Health Services Sciences Symposium**

8:00 a.m.–2:00 p.m.

McLaughlin Auditorium  
EG 18a

November 12–16

**20th International Workshop on Retroviral Pathogenesis**

Sutton Place Hotel  
955 Bay Street  
[www.retroviraltoronto.com](http://www.retroviraltoronto.com)

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On August 20, 2008, the federal government announced \$74.6 million in funding to build and equip the \$160 million Centre for Research in Image-Guided Therapeutics at Sunnybrook through its Research Hospital Fund (RHF). Dr. Colin Carrie, parliamentary secretary to the minister of industry, and Dr. Eliot Phillipson, president and CEO of the Canada Foundation for Innovation, made the announcement at a standing-room-only event in downtown Toronto. Dr. Barry McLellan, president and CEO of Sunnybrook, thanked the government for its visionary investment, and spoke to the proud role that Sunnybrook is playing in transforming health care.



At the event, from left to right: Stephanie Roberts, director of communications and RHF proposal coordinator, SRI; Dr. Peter Burns, senior imaging scientist and RHF investigator, SRI; David Leslie, chair of the board, Sunnybrook; Dr. Alan Moody, associate scientist and RHF investigator, SRI; Dr. Colin Carrie, parliamentary secretary to the minister of industry; Dr. Barry McLellan, president and CEO, Sunnybrook; Dr. Eliot Phillipson, president and CEO, Canada Foundation for Innovation; Dr. Sandra Black, director of the neurosciences research program and RHF investigator, SRI; Dr. Anne Martel, imaging scientist and RHF investigator, SRI; Kevin Hamilton, director of strategic research programs and RHF proposal coordinator, SRI; Dr. Arun Seth, molecular and cellular biology senior scientist and RHF investigator, SRI.