

Contact Us

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Mayor
Dianne Watts

City of Surrey Mayor and Council



Councillor
Tom Gill



Councillor
Bruce Hayne



Councillor
Linda Hepner



Councillor
Marvin Hunt



Councillor
Mary Martin



Councillor
Barinder Rasode



Councillor
Barbara Steele



Councillor
Judy Villeneuve

SURREY
INNOVATION
BOULEVARD



www.surrey.ca/innovationboulevard



The Surrey Memorial Hospital expansion is the largest health infrastructure investment in British Columbia's history.

Busiest ER in BC • 2nd largest ER in Canada • 1 of 2 pediatric ERs in BC



MESSAGE FROM THE MAYOR

Surrey is one of the best places in the country to practice medicine. The Surrey Memorial Hospital expansion offers cutting-edge technology, Simon Fraser University scientific and technical expertise, a University of British Columbia teaching hospital, and one of the busiest ERs in Canada that will continue to attract top medical professionals to our City.

Innovation Boulevard brings together partners including the City of Surrey, Simon Fraser University Surrey, the Fraser Health Authority, Kwantlen Polytechnic University, the British Columbia Institute of Technology, the University of British Columbia and industry support organizations to find business-led solutions to some of the most pressing challenges in the health care system.

Sincerely,

Mayor Dianne Watts



MESSAGE FROM THE CO-CHAIR

Surrey has all the key health sector drivers, concentrated along Innovation Boulevard. By focusing on health technology advances, we are leading the world towards the future by creating better ways to touch lives today.

Surrey Memorial Hospital welcomes innovative breakthroughs in health care. It welcomes health care business. With SFU's powerful combination of translational science, technology development, highly skilled people, and renowned business savvy, Innovation Boulevard has the right stuff for company growth.

Sincerely,

A handwritten signature in black ink that reads "Ryan D'Arcy".

Dr. Ryan D'Arcy

SMHF BC Leadership Chair in Multimodal Technology for Healthcare Innovation, Simon Fraser University

Head, Health Sciences and Innovation
Surrey Memorial Hospital



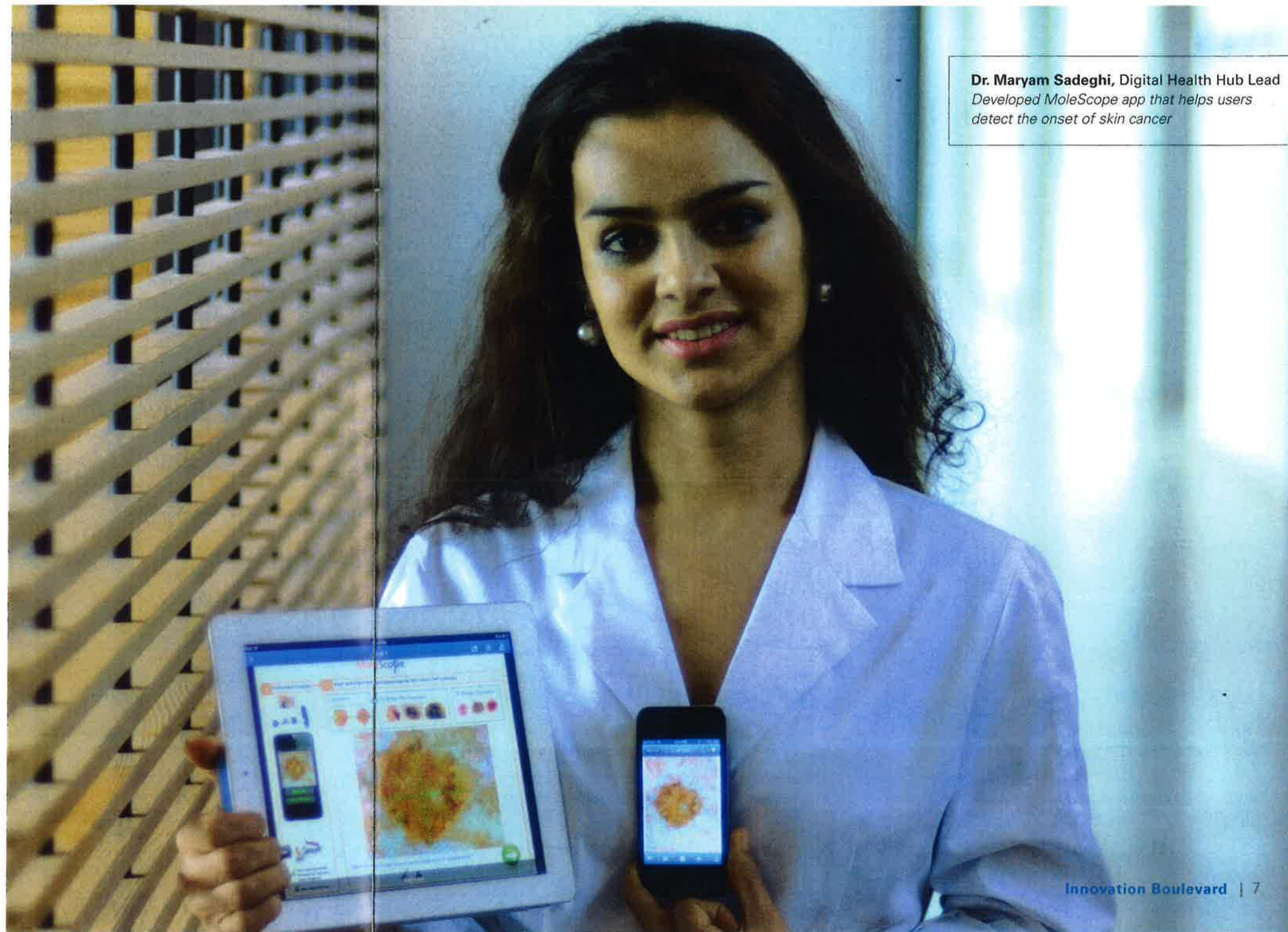
Jim Pattison Outpatient Care and Surgery Centre

INNOVATION BOULEVARD

Innovation Boulevard is a network of health institutions, universities, companies and talented people located within one square mile in Surrey's City Centre between Simon Fraser University and Surrey Memorial Hospital.

Our shared vision is to achieve innovative results in four areas:

1. Improve health care outcomes for patients.
2. Implement intelligent solutions for the health care economy.
3. Attract talented clinicians and researchers.
4. Grow companies in health care technology and services sectors.



Dr. Maryam Sadeghi, Digital Health Hub Lead
Developed MoleScope app that helps users detect the onset of skin cancer

INNOVATION BOULEVARD

1. Simon Fraser University
2. Fraser Health Authority HQ
3. Surrey Memorial Hospital
4. Jim Pattison Surgery and Outpatient Centre
5. UBC Teaching Hospital
6. Kwantlen Polytechnic University
7. BC Cancer Agency – Fraser Valley Centre
8. Lark Group City Centre Professional Building
9. Health Tech Connex
10. Centre for Child Development
11. PCI King George Station
12. National Research Council – Industrial Technology Advisor
13. Digital Health Hub
14. Surrey City Hall
15. BC Technology Industry Association Centre4Growth
16. SFU Venture Connection Incubator
17. Surrey Memorial Hospital Foundation
18. Quibble Creek Health and Pheonix Transition Housing Centre
19. Creekside Withdrawal Management Centre
20. Timber Creek Specialized Acute Mental Health Facility

 Skytrain Station	 CANARIE Fibre Optic Network Connection	 Proposed CANARIE Fibre Optic Network Connection
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ORGANIZATIONS AND PEOPLE

The close proximity and collaborative philosophy of partners along Innovation Boulevard makes it a remarkable place.

- **Surrey Memorial Hospital** (SMH) is the busiest tertiary care hospital in the region with 115,000 ER visits each year, and the half-billion dollar SMH expansion is the largest health infrastructure investment in BC's history.
- The **Fraser Health Authority**, headquartered in Innovation Boulevard, is the largest health authority in BC and provides service to 1.6 million people each year from Burnaby to Boston Bar to Hope.
- The **Jim Pattison Surgery and Outpatient Centre** is a state of the art facility that hosts over 50 clinics and programs.

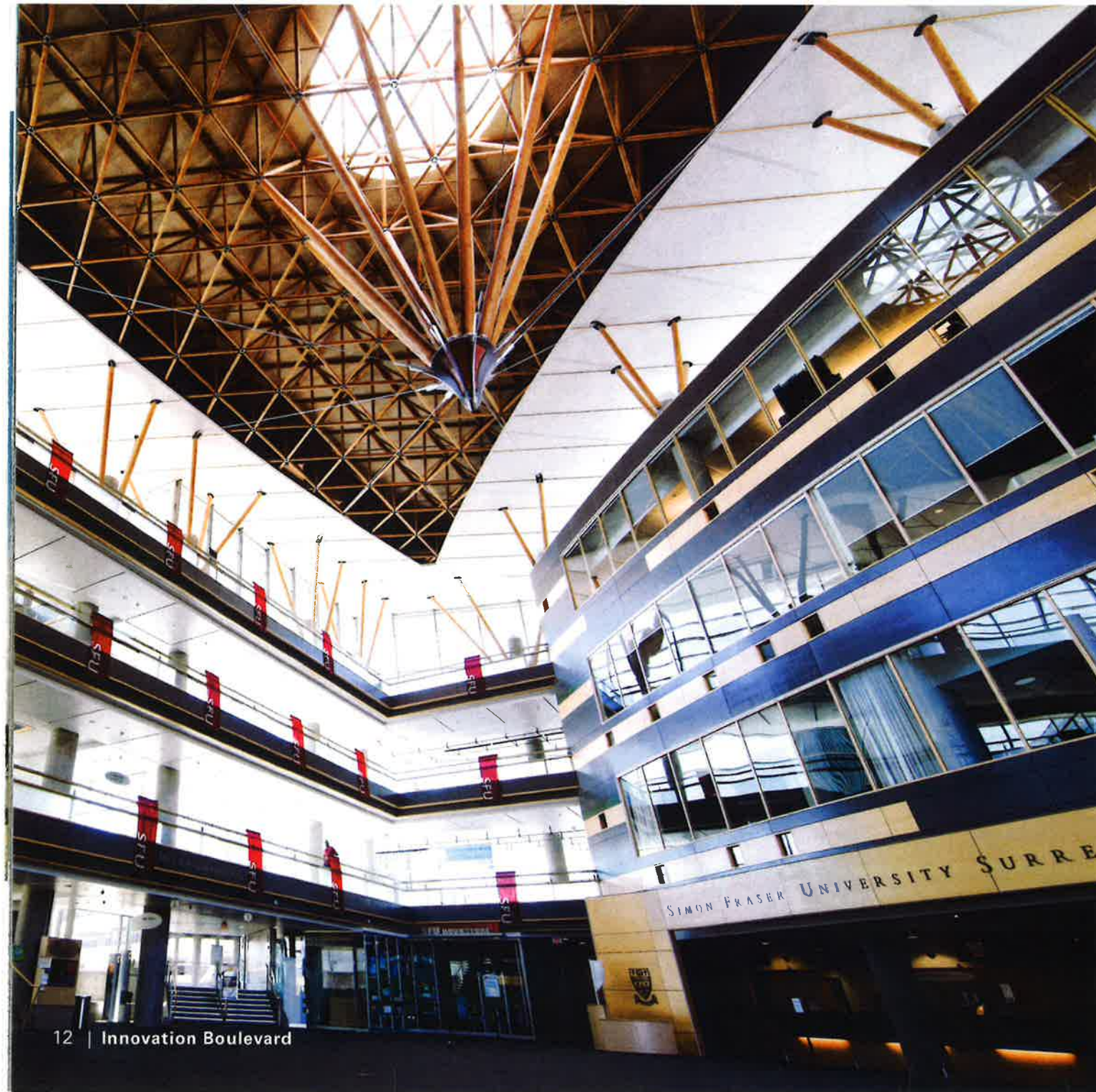
Surrey Memorial Hospital Campus is home to:

- 6,000 medical professionals
- 1,500 students per year
- A UBC teaching hospital



ORGANIZATIONS AND PEOPLE (CONTINUED)

- **Simon Fraser University (SFU)**
Surrey is home to over 7,000 students and generates leading-edge research in Health Sciences, Mechatronics Engineering, Computing Science, Interactive Arts and Technology, and Business. The Surrey campus has a focus on entrepreneurship and recently launched a new MBA program.
- **SFU Innovation Office** creates new university-industry research and development partnerships, and commercializes the results of university-based research. The Surrey campus is home to the **Digital Health Hub** and **Venture Connection** incubator.
- **Kwantlen Polytechnic University (KPU)** is developing a proposal for a new site located in Surrey City Centre located within Innovation Boulevard. KPU delivers a nursing program and has over 650 students in its Faculty of Community and Health Studies.
- The **University of British Columbia (UBC)** has a teaching hospital at SMH with 70 Faculty of Medicine students each month. The teaching hospital will become a clinical academic campus when the SMH expansion is complete in 2014.
- The **British Columbia Institute of Technology** provides commercialization and prototyping services through the Applied Research Liaison Office.



ORGANIZATIONS AND PEOPLE (CONTINUED)

- The **BC Technology Industry Association Centre4Growth** delivers free acceleration programming to tech entrepreneurs at SFU Surrey.
- A **National Research Council Industrial Technology Advisor (ITA)** is located full-time on Innovation Boulevard and supports start-ups, through industry expertise and connections.
- **Life Sciences BC** is the industry association that supports the life science community of BC and helps connect Innovation Boulevard with partners, companies and investment.
- Over **180 health service businesses** are located along Innovation Boulevard, from health IT, to physicians, to testing labs.
- **Medical office developments** are underway to provide room to grow, including the first phase of the 183,000 square foot **City Centre Professional Building** by the Lark Group, and the first phase of the 400,000 square foot **King George Station** by the PCI Development Corp.
- **Health Tech Connex** is a technology enhancement company located adjacent to Surrey Memorial Hospital.
- The **Quibble Creek Health and Phoenix Transition Housing Centre, Creekside Withdrawal Management Centre, and Timber Creek Specialized Acute Mental Health Facility** provide a regional integrated centre of care for mental health and addictions.

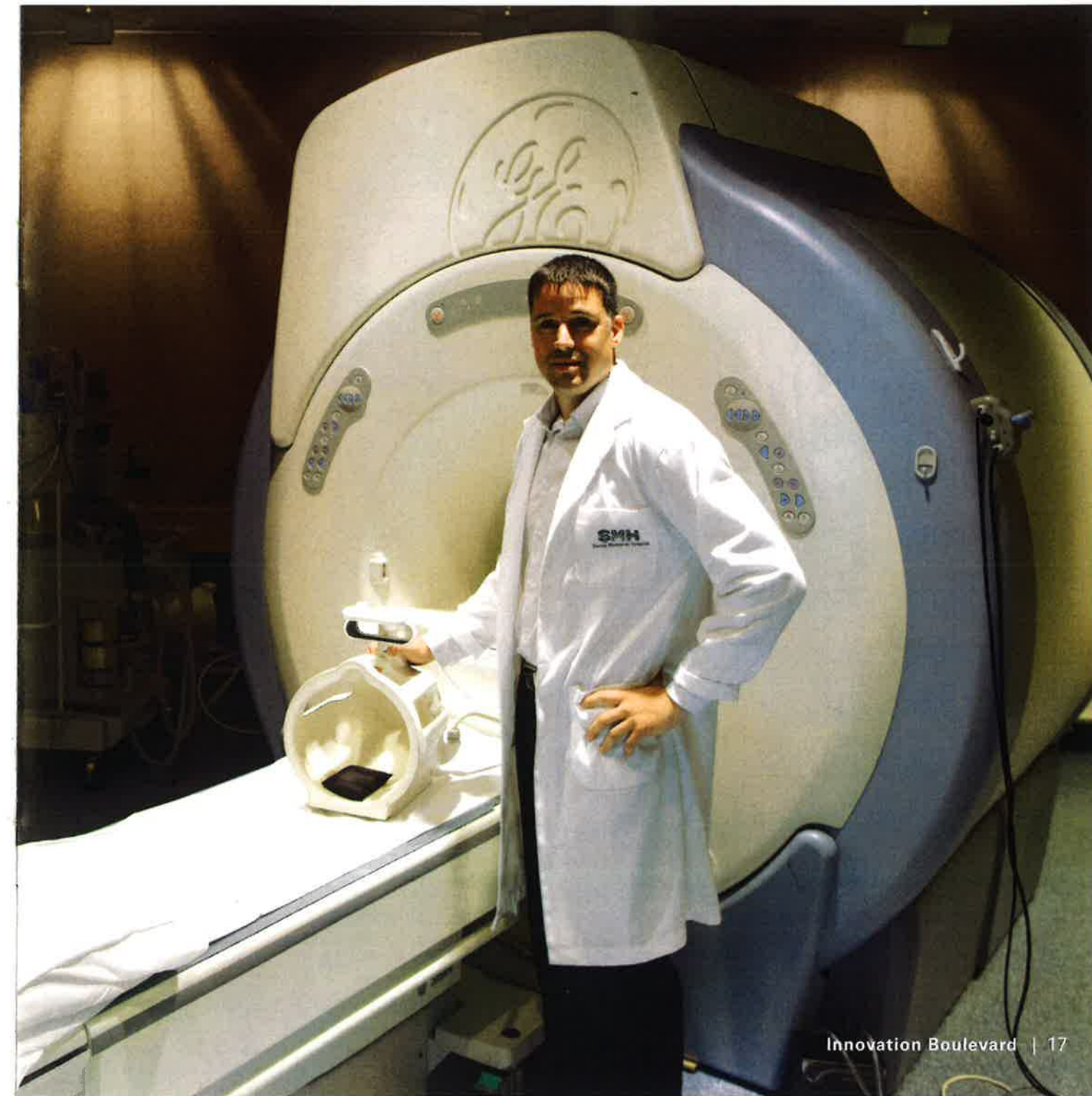
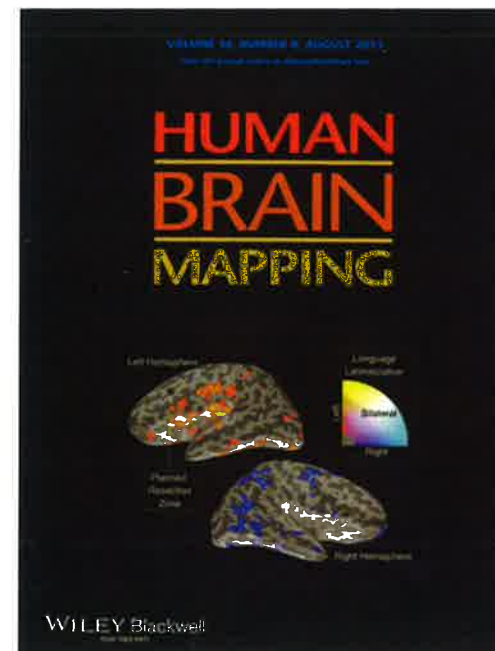
City Centre Professional Building and location of Health Tech Connex



PROJECT PROFILE: MEDICAL IMAGING

A brain imaging research team led by SFU neuroscientist Dr. Ryan D'Arcy has found a new way to help surgeons accurately plan for surgical treatment.

D'Arcy and his team used MEG technology to produce detailed spatial maps of critical language functions in order to better enable pre-operative planning for better surgical outcomes. The results of a recent study using MEG have been published in the field's highest impact journal, Human Brain Mapping. To showcase the study, the journal highlighted the novel images of MEG activity on the August 2013 cover.



GROWING COMPANIES™

Innovation Boulevard supports health technology companies through all stages of development from idea to accelerating revenue growth.

1. Access to the Clinical Environment

Companies will be able to test products in the clinical environment and refine ideas with clinicians in the field.

2. Health Technology Business Expertise

Through our partners such as SFU, BCIT and the BCTIA Innovation Boulevard connects companies with business expertise through clinical product development, time-to-market and clinical acceptance.

3. New Technologies

Innovation Boulevard provides access to emerging innovation from hospital embedded medical technology R&D and leading-edge research at SFU.



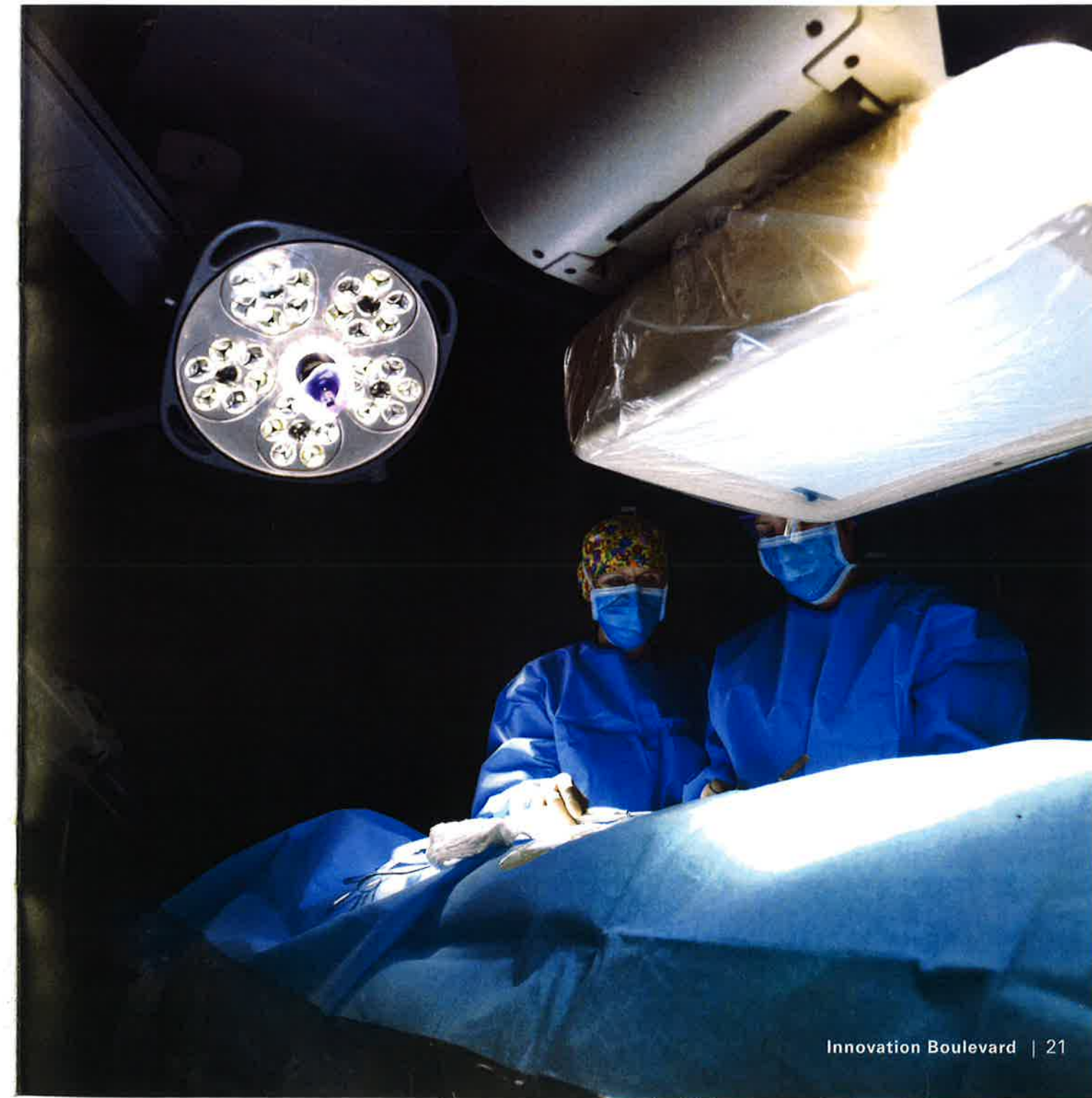
TECHNOLOGY AREAS OF FOCUS

- **Medical technologies**
- **Technologies for independent living**
- **Digital health technologies**

The three key technology themes of Innovation Boulevard reflect the integration of both core capability offerings and world-leading expertise. Core competencies span from hospital-based medical imaging (eg. magnetic resonance imaging) to medical data management (eg. databases and software). These foundational, large-scale infrastructure assets benefit businesses and organizations through an unprecedented access advantage.

This is combined with global expertise across an array of point-of-care devices, neurotechnologies, advances in independent living, and medical computing applications in complex and “big” data. Through access to expertise, businesses and organizations gain unparalleled competitive advantage in product development.

Innovation Boulevard mobilizes leading-edge innovators, front-line clinicians, and forward thinking businesses - it creates the concentrated environment where health technology products flourish and help improve care.



The view of the northern end of Innovation Boulevard across from SFU Surrey shows the Civic Plaza bordered by the City Centre Library, New City Hall and 3 Civic Plaza.

