

Queen's University School of Medicine presents The 5th Annual Dr. Andrew and Margaret Bruce Visiting Scholar in Surgical Innovation



The Queen's University
Departments of Surgery and Urology
invite you to a special presentation by



Dr. Garnette R. Sutherland, MSc, MD, FRCPC

Professor of Neurosurgery, University of Calgary

What next...?

The Nuances of Innovation in Medicine

Dr. Sutherland is this year's Bruce Visiting Scholar in Surgical Innovation. He is a highly renowned Professor Of Neurosurgery and Director of the Seaman Family MR Research Centre at Alberta Health Services.

Dr. Garnette Sutherland completed his residency in Neurosurgery under the tutelage of legendary Charles Drake, at the University of Western Ontario. His first appointment was at the University of Manitoba, in both the Departments of Surgery and Pharmacology. There, in addition to his clinical work, he established an experimental laboratory, one of the first of its kind, for the study of neurological disease using MR imaging and spectroscopy. In 1993, Sutherland was appointed the head of Division of Neurosurgery at the University of Calgary. In collaboration with NRC-Canada, he developed the world's first intraoperative MRI system based on a moveable 1.5T magnet. With MDA, Sutherland also developed neuroArm, an image-guided MR-compatible robotic system.

In 2004, Dr. Sutherland received the Manning Award of Distinction for this work, in 2007, the Alberta Science and Technology Leadership Foundation award and in 2008, the City of Calgary Signature Award. He was awarded the Queen Elizabeth Diamond Jubilee medal 2012 and in 2013, the American Astronautical Society and NASA for the earth applications of space technology. He received the CIHR-CMAJ Top Achievements in Health Research Award in 2013 for his scientific accomplishments. He has given over 280 national and international lectures and published over 200 manuscripts, 15 patents and 29 book excerpts. In 2011, Sutherland was appointed to the Order of Canada for his lifetime achievement in healthcare innovation and in 2014, was inducted into the Space Technology Hall of Fame for neuroArm. In 2015, NASA recognized Dr. Sutherland's contributions with the NASA Exceptional Technology Achievement Medal.



Wednesday, March 29, 2017, 5:00 PM

**The Dr. Andrew and Margaret Bruce Endowment
for Visiting Scholars in Surgical Innovation**

Established by Dr. Andrew and Margaret Bruce, the endowment will be used to support hosting of prominent scholars at Queen's University. It is the goal and objective of this endowment that the visiting scholar will bring special expertise in the area of surgical scholarship, will introduce new research and ideas, will teach new methodologies to Queen's medical scientists and clinicians and provide new concepts to the students.

School of Medicine Building

15 Arch St.

Queen's University

ROOM 132A

All welcome - Free admission

Refreshments at 4:30 PM.