



**H. Bruce Williams,**  
B.A., M.D.C.M., F.R.C.S.(C), F.A.C.S.

Dr. Bruce Williams was born in New Glasgow, Nova Scotia. He completed his Bachelor of Arts Degree at Acadia University and then entered Medical School at McGill University, graduating in 1955.

Dr. Williams completed his internship and residency in the McGill University teaching hospitals. He was awarded a McLaughlin Travelling Fellowship and spent one year of postgraduate training in England, Sweden, and Russia. Dr. Williams is Board certified through the Royal College of Physicians & Surgeons, Canada, and the American Board of Plastic Surgery.

Dr. Williams is a Professor of Surgery at McGill University and was Chairman of the Division of Plastic Surgery and Director of the Residency Program at McGill from 1976 – 1996 and was reappointed as Residency Program Director in 2002. Over 100 residents have graduated from the Program during his tenure, many of whom completed a year of research under his guidance.

He was Surgeon-in-Chief at The Montreal Children's Hospital from 1992 – 2007.

Dr. Williams has been internationally recognized for his outstanding contributions to the field of Plastic and Reconstructive Surgery receiving many awards including Distinguished Service Awards from Acadia University and the Plastic Surgery Educational Foundation. He received the Ambassadors' Club Award and Agora Trophy from the Montreal Convention Centre, the Lifetime Achievement Award from the Canadian Society of Plastic Surgeons and was honoured by his peers at The Montreal Children's Hospital with the Council of Physicians, Dentists, and Pharmacists Lifetime Achievement Award. Dr. Williams received both the Clinician of the Year Award and The Honorary Award (their most prestigious award) from the American Association of Plastic Surgeons.

His major interests have included basic laboratory research, microsurgery and hand surgery. He has been a Visiting Professor to over 70 different universities and societies throughout the world. Dr. Williams has contributed over 130 articles and book chapters to the field of Plastic Surgery. He is Past President of many societies including the Canadian Society of Plastic Surgeons, the American Society for Reconstructive Microsurgery, and the International Microsurgical Society. He is the only Canadian to be elected President of the American Society of Plastic Surgeons.

Dr. Williams has two sons, Bruce (Beatrijs) and David (Bethany) and five grandsons.



**L'Hôpital de Montréal pour enfants**  
**The Montreal Children's Hospital**  
Centre universitaire de santé McGill  
McGill University Health Centre



## **2<sup>nd</sup> Annual H. Bruce Williams Pediatric Surgical Research Day**

McGill University  
Department of Pediatric Surgery



**D. Douglas Cochrane, M.D.**

**June 6, 2011**

## **D. Douglas Cochrane, MD, FRCSC, FAAP**

Professor, Division of Neurosurgery, Department of Surgery,  
University of British Columbia  
Staff Neurosurgeon, BC Children's Hospital  
Chair, BC Patient Safety & Quality Council  
Provincial Patient Safety & Quality Officer, British Columbia

Dr. Cochrane is the Chair and Provincial Patient Safety & Quality Officer of the BC Patient Safety & Quality Council, and Past Chair of the Canadian Patient Safety Institute.

Dr. Cochrane is a Professor at the University of British Columbia in Neurosurgery, a certificant of the American Board of Pediatric Neurological Surgery, and a Fellow of American Academy of Pediatrics.

Dr. Cochrane obtained his medical degree from the University of Toronto, graduating in 1975, followed by training in Neurosurgery at the University of Calgary. A pediatric neurosurgery fellowship at the Hospital for Sick Children, University of Toronto, was completed in 1981.

Following his training, Dr. Cochrane was appointed as neurosurgeon at the Calgary General Hospital, Foothills Provincial Hospital, Tom Baker Cancer Center and Alberta Children's Hospital, and served these facilities until 1986. During this time, he held an appointment as Assistant Professor of Neurosciences, University of Calgary.

In 1986, Dr. Cochrane was appointed as a staff neurosurgeon at BC Children's Hospital and Sunny Hill Health Centre for Children. He served as the Head of the Section of Surgery and Surgeon-in-Chief, BC Children's Hospital and Children's and Women's Health Centre of British Columbia 1991-2001, Vice President of Medicine for Children's and Women's Health Centre of British Columbia 2001-2003, and Vice President of Medical Affairs, Quality, Safety & Risk Management for the Provincial Health Services Authority in Vancouver 2003-2008. He chaired the BC Patient Safety Task Force from its inception in 2003 to the creation of the BC Patient Safety & Quality Council.

Dr. Cochrane has interests in the following areas related to patient safety and quality:

- Patient safety policy and accountability mechanisms, risk assessment, evaluation and mitigation.
- Health care systems development and change focusing on the provider skills through the analysis of quality and safety during surgical care.
- Clinical information system development and implementation.

## PROGRAM

- 07:45-07:50** Welcome by **Dr. Jean-Pierre Farmer** and **Dr. Jose Luis Montes**
- 07:50-08:50** **Pediatric Surgical Grand Rounds**  
*"Assessment of Non Technical Team Skills in the Surgical Theater"*  
**Dr. D. Douglas Cochrane**
- 08:50-09:00** **Break**
- 09:00-10:45** **Surgical Research Symposium**  
**Abstract presentations**  
**Moderator: Dr. Jeffrey D. Atkinson**
- 10:45-11:00** **Break**
- 11:00-12:45** **Surgical Research Symposium**  
**Abstract Presentations**  
**Moderator: Dr. Jose Luis Montes**
- 12:45-13:45** **Lunch (Room C-1112)**

*For more details on the abstract presentations, please refer to the abstract book.*

## About Neurosurgery at The Children's

This year (2011) marks the 50<sup>th</sup> anniversary of continuous neurosurgical presence and innovation at the Montreal Children's Hospital for the benefit of young patients with pediatric neurosurgical ailments.

While in 1961 the service had one neurosurgeon relying on air studies, the 2011 service has three neurosurgeons relying on the first pediatric intraoperative MRI in Canada, FMRI, fiber tracking and complex electrophysiology to treat children. Milestones in this transition have included the first pediatric CT in Montreal in 1977 and the first pediatric MRI in the city in 1993. The Montreal Children's Hospital introduced frame based stereotaxy in 1987 and was the second pediatric hospital worldwide to introduce neuronavigation in 1994.

Complex oncological surgery, functional neurosurgery such as hypothalamic hamartoma surgery and hemispherotomy for intractable epilepsy and selective dorsal rhizotomies for spasticity secondary to cerebral palsy were introduced in the late 1980's and early 1990's.

Approximately four hundred children undergo neurosurgery annually at the Children's.