

**THE AITKEN
MEMORIAL LECTURE IN
NEUROANESTHESIA**



**Wednesday
November 21, 2007**

0730 hours

(Coffee & Muffins 0715 hours)

Auditorium B

**London Health Sciences Centre
University Hospital**

Department of Anesthesia
and Perioperative Medicine
and Division of Neurosurgery,
Department of Clinical Neurological
Sciences
Faculty of Medicine & Dentistry
The University of Western Ontario

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LECTURE
IN NEUROANESTHESIA**

The Aitken name is closely associated with the development of anesthesia as a specialty in London. Ron's father, Dr. George W.A. Aitken, was a general practitioner and one of the first physicians in London to limit his practice to anesthesia (1924-58). Ron Aitken graduated from Western in 1943. His junior internship at St. Michael's Hospital in Toronto was devoted to anesthesia, and after he was commissioned to the RCAMC (May 1944), he had various postings in Canada as an Anesthetist. On discharge, he became the first official resident in Anesthesia at Victoria Hospital (1947-48). In 1949, after a final year's residency in Vancouver under Dr. Digby Leigh, he was appointed to the teaching staff at Victoria Hospital. In 1950, Ron married his fellow resident, Dr. Elizabeth Johnson of Winnipeg. Both served as exemplary models to the medical community in London until retirement in 1983. Ron worked closely with Dr. Charles Drake while Dr. Drake was developing his revolutionary surgical approaches to difficult intracranial aneurysms. Ron provided the neuroanesthetic techniques, especially induced hypotension, that made this difficult surgery possible and that established neuroanesthesia as a specialty at Western.

During his 30 years of practice in London, Ron Aitken was highly esteemed as a superb clinician and clinical teacher and as a pioneer of clinical neuroanesthesia. The Aitken Lecture was established to highlight developments in the science and practice of neuroanesthesia.

**CURRENT STATUS OF
CLINICAL HYPOTHERMIA**

Michael M. Todd, M.D.

**Michael M. Todd
Professor & Head
Department of Anesthesia
The University of Iowa
Iowa City, Iowa**

Michael M. Todd, MD

Dr Michael M. Todd is Professor and Head of the Department of Anesthesia at the University of Iowa Carver College of Medicine. He is internationally recognised for his contribution to clinical and academic neuroanesthesia.

Dr Todd attended the University of Chicago, Pritzker School of Medicine. Following this, he moved to Boston undertaking his residency in Anesthesiology at the Massachusetts General Hospital. He spent two years as a Research Fellow in neuroanesthesia at the University of California, San Diego School of Medicine where in 1981, he was appointed Assistant Professor of Anesthesiology. In 1986, he joined the Department of Anesthesia at the University of Iowa where, in 1990, he achieved the position of full Professor after only nine years in practice.

He served as Editor-in-Chief of *Anesthesiology* from 1996 until 2006. He pioneered important changes to the journal, publishing in an electronic Web-based format and making many articles freely available immediately after publication. During his tenure, *Anesthesiology* firmly established itself as the leading international journal in our speciality.

Since 1979, Dr Todd's clinical and laboratory research has constantly challenged established dogma in neurophysiology and neuroanesthesia. His work on cerebral blood flow and neuroprotection has had a significant impact on the everyday practice of neuroanesthesia. He was the principal investigator in the Hypothermia for Intracranial Aneurysm Surgery Trial (IHAST), a landmark international multi-centre randomized trial, and he continues to investigate factors affecting patient outcome after sub-arachnoid hemorrhage.

In addition to his 146 peer-reviewed publications, he has written 50 book chapters, and received numerous awards for teaching and research. He has been an Invited Lecturer/Professor throughout the world, including USA, Canada, Great Britain, Europe, Japan, South Africa and Australia.

AITKEN MEMORIAL LECTURE IN NEUROANESTHESIA

1986
Jens Astrup

1987
William Fitch

1988
Antoine Hakim

1989
James Cottrell

1990
Robert L. Grubb, Jr.

1991
David S. Warner

1992
Ronald R. Tasker

1993
William L. Lanier, Jr.

1994
Robert L. Martuza

1995
Arthur M. Lam

1996
Ludwig M. Auer

1997
John Drummond

1998
Graham M. Teasdale

1999
Per-Olog Grände

2000
Claudia S. Robertson

AITKEN MEMORIAL LECTURE IN NEUROANESTHESIA

2001
Henry J.M. Barnett

2002
A. Leland Albright

2003
William L. Young

2004
G. Bryan Young

2006
Garnette Sutherland

2007
Michael M. Todd