

2009/2010 PROGRAMME Dinner and Lecture

Ontario Innovation in Assistive Technologies

SPEAKER: Morris (Mickey) Milner Ph.D. (Wits), D.Sc. (Hon) (Queen's), P.Eng., C.C.E.



DATE: Friday 9th April 2010

TIMES: Buffet Dinner 6:30 p.m.
Lecture 7:15 p.m.

WHERE: Toronto Westin Bristol Place Hotel, 950 Dixon Road, Toronto ON M9W 5N4
Tel: 416-674-9400 (*Please bring parking ticket in for validation*)

COST: \$15/ person

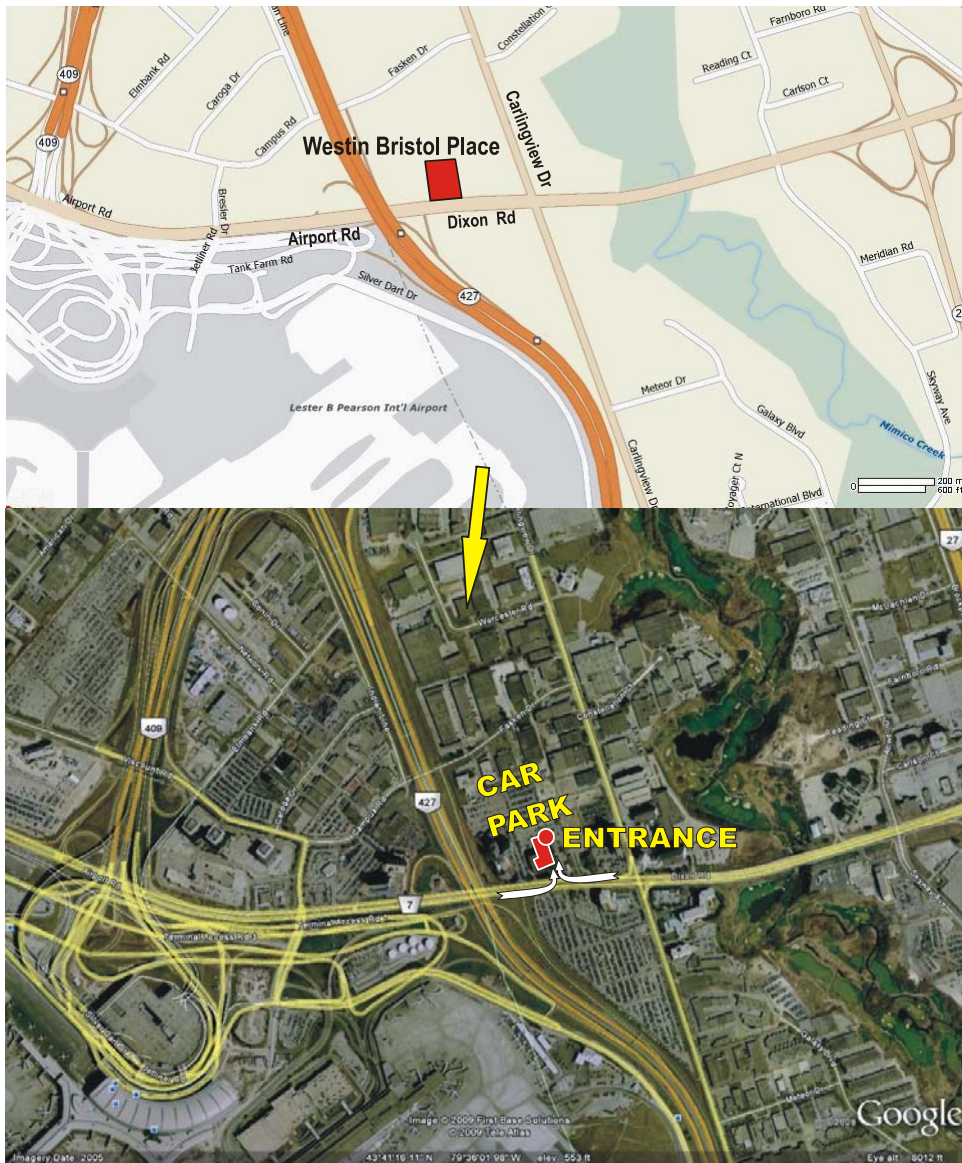
DIRECTIONS: See map overleaf.

REGISTRATION Please e-mail hon-secretary@imeche-ccb.org or telephone Phil Apperly at (905) 936-2855 by Thursday 1st April

ABSTRACT:

The presentation will discuss and describe Ontario contributions to the field of assistive technologies for persons with various sensory and motor disabilities. Technologies include specialized postural support systems, mobility and communication aids, access to computer-based systems, visual aids, powered upper extremity prosthetics and related control systems and specialized orthotic (bracing) devices. Commercialization of these and other medically related technologies will be discussed.

ABOUT OUR SPEAKER: Morris (Mickey) Milner, born and educated in Johannesburg, South Africa received B.Sc.(Eng) and Ph.D. Degrees, respectively in 1957 and 1968, in the Department of Electrical Engineering, University of the Witwatersrand. He served there as a faculty member for over a decade, and initiated a program of biomedical engineering research. He subsequently held appointments at the National Research Council, ...continued overleaf



Ottawa, University of Cape Town and Groote Schuur Hospital (serving as first Director of Bioengineering and Medical Physics), Emory University and Georgia Tech., Atlanta, Georgia, USA, and McMaster University, Hamilton, Ontario before joining the Ontario Crippled Children's Centre (subsequently Bloorview MacMillan Children's Centre (BMCC); now Bloorview Kids Rehab) in 1978 as Director of Rehabilitation Engineering, with academic appointments at the University of Toronto. He served as Chairman, Rehabilitation Medicine. His appointments also include the Departments of Mechanical and Industrial Engineering, Rehabilitation Science, Surgery, and the Institute of Biomaterials and Biomedical Engineering. He is now Professor Emeritus. Dr. Milner's research contributions relate to human locomotor function and the development of various assistive technologies for which he has an extensive publication record. He has served as visiting professor at institutions locally and abroad, and given numerous invited presentations internationally. He currently advises on rehabilitation science, assistive and medical technologies. and

serves as the President and CEO, htx – The Health Technology Exchange (www.htx.ca), an organization that aims to accelerate the advancement of medical and assistive technologies in Ontario. In this role since 2004, he initiated programs of funding and support to impact small to medium enterprises (SMEs) in particular, while connecting them to academia. Partnership programs include strong relationships with other national and Ontario funding agencies. Dr. Milner has contributed to training scores of persons in biomedical / rehabilitation engineering and mentored countless others in various disciplines. As Vice-President, Research at BMCC and its legacy organizations over 15 years, his responsibilities included the Rehabilitation Engineering and Research Departments and directing Variety Ability Systems Inc., a non-profit manufacturer/distributor of assistive technologies. He is Founding Director of the Ontario Rehabilitation Technology Consortium (ORTC) which linked Ontario rehabilitation facilities, academic centres, consumers, and manufacturers to develop and commercialize assistive technologies. Over 12 years of his participation, 33 ORTC assistive devices have been marketed and some 10 start-ups initiated.. Dr. Milner has served on numerous committees relating to rehabilitation, research and technology, locally, nationally and internationally. He is a Fellow of the Canadian Medical and Biological Engineering Society and of RESNA (Rehabilitation Engineering and Assistive Technology Association of North America). He has received many prestigious awards, among them the Engineering Medal of Professional Engineers Ontario, induction into the Terry Fox Hall of Fame, Circle of Honour Award for Research, Bloorview Kids Rehab, an Honorary Doctorate of Science from Queen's University, Kingston, and the 2007 John Jenkins Award of the Canadian Standards Association.