



Great Lakes Chapter

29th Annual Scientific Symposium

PROGRAM, Oct 18, 2008

08:00 REGISTRATION

08:30 Opening Remarks – Ron Nishi

08:40 Bruce Cameron – Decompression Sickness and the Immune System: New tools to investigate an old problem

09:20 Ron Linden and Ludwik Fedorko – New Research and Diagnostic Technologies in Hyperbaric Medicine

10:00 Refreshment break

10:20 Josh Boivert – Current Hyperbaric and Diving Activities in Quebec

10:55 Neal Pollock – The 10-minute Breath-hold - Tricks and Traps of Apnea

11:35 UHMS-GLC AGM

11:45 Lunch (on site)

12:30 Tom Workman – Critical issues in hyperbaric medicine

13:10 Bill Bateman – Decompression Illness- it ain't what it used to be: but then it never was

13:50 Dave Pendergast – Improving Diver Performance

14:30 Refreshment break

14:50 Ken LeDez – Status of Hyperbaric Health Care in Canada

15:30 Myths of Diving Panel - All speakers, questions and answers moderated by Hal Koch

16:30 Decompression Stop - Meet the speakers, refreshments.

Tour of TGH hyperbaric Chamber



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SPEAKERS

W.A. (Bill) Bateman, CDR (CF ret'd), MD, CD, DAvMed is a consultant in diving and aerospace medicine on contract with Defence Research and Development Toronto (formerly DCIEM) since 2000. Previously he served for 20 years with the Canadian Forces, during which time he spent seven years directing DCIEM's diving medical training program, and later headed the Aerospace Life Support Sector at DCIEM. He holds qualifications as a military diver and a civilian commercial pilot. His other professional pursuits include emergency medicine practice in various Ontario hospitals, Wellness promotion at Medcan Clinics in Toronto, and advanced cardiac life support instruction.

Jocelyn (Josh) Boisvert, CHT retired after 21 years in the Navy as a Clearance diver. As a Certified Hyperbaric Technician, he was a Chief Operator at the DRDC Toronto Diving Research Facility, and is now an advisor for the new Hyperbaric Dept at the Hôtel Dieu de Lévis in Québec. With the help from the Quebec Ministry of Health and the Health and Safety Commission, he has developed the Quebec Diving Medical Center; a diver's hot line for diving safety and emergency and has been its Diving Safety Coordinator for since 2004

Bruce Cameron, PhD is the Research Coordinator at the Bamfield Marine Sciences Centre on Vancouver Island. After 24 years as a soldier in the Canadian Army, he received his BSc, MSc and PhD from Queen's University in Biology. He completed post-doctoral studies at the University of Montreal and the University of Pennsylvania and is currently a NSERC Post-doctoral Fellow at DRDC, Toronto. He has been an instructor/supervisor in the Canadian Armed Force School of Communications and Electronics, a SCUBA instructor for over 33 years teaching civilian, military and academic divers, an owner/operator of a diving charter boat, and is a pilot.

Ludwik Fedorko, BSc, FRCPC, MD, PhD is a physician with the University Health Network and is a member of the Clinical Studies Resource Centre in the Division of Clinical Investigation & Human Physiology, Toronto General Research Institute.

Ken LeDez, MB, ChB, FRCPC is a specialist in diving and hyperbaric medicine and is Director, Centre for Offshore and Remote Medicine (MEDICOR), Memorial University, Director, Hyperbaric Medicine Program, Eastern Health, Staff Anesthesiologist, Health Sciences Centre, St. John's Newfoundland and Labrador, and Associate Professor and Chair, Discipline of Anesthesia, Faculty of Medicine, Memorial University. He attended Medical School at the: University of Dundee, Scotland and did a Fellowship in hyperbaric medicine, University of Toronto.

Ron Linden, MD, CCFP is a specialist in diving and hyperbaric medicine and the medical director of Ontario Wound Care, a Canadian charity and the Judy Dan Wound Care Centre, a research and treatment centre for hyperbaric medicine.. He is on staff at the Toronto General Hyperbaric Department, North York General Hospital, lecturer in the Faculty of Medicine, University of Toronto, medical advisor to the Seneca College Diving Skills commercial diving program and clinical instructor for the Diver Medic Program.

David Pendergast, PhD is Director of the Center for Research and Education in Special Environments at the University at Buffalo is a Professor of Physiology and adjunct Professor of Mechanical and Aerospace Engineering and Exercise and Nutrition Sciences. His training in cardiopulmonary physiology and exercise and environmental physiology has enabled him to perform research from the deep sea to altitude, and in space on the shuttle and on a space station and his work has also been practically applied to the diving community and professional, Olympic and amateur athletes in many sports as well as to patients with disabilities or diseases.

Neal Pollock, PhD, is Research Director at Divers Alert Network (DAN) and a Research Associate in the Center for Hyperbaric Medicine and Environmental Physiology at Duke University Medical Center, both in Durham, North Carolina. His academic training is in zoology, exercise physiology and environmental physiology. His research interests focus on human health and safety in extreme environments.

W.T. Workman, MS, CAsP, CHT, FAsMA is Director for Quality Assurance & Regulatory Affairs for the Undersea and Hyperbaric Medical Society. He is responsible for the development and management of the Society's Clinical Hyperbaric Facility Accreditation Program. Mr. Workman retired from the United States Air Force as a Colonel after more than 23 years of service devoted to aerospace and hyperbaric physiology.