CHES Maritime 2016 Conference Speakers

Gordon D. Burrill, P.Eng., CCHFM, CHFM, CHC, FASHE

Gordon is President of Teegor Consulting Inc., an international consulting firm specializing in healthcare engineering and construction. He spent 13 years as a design engineer, followed by 7 years as the Director of the Engineering for a New Brunswick Health Authority in Canada before branching out to Teegor Consulting Inc. in August of 2004.

He is a Registered Professional Engineer with 30 years experience in the design, construction, operations and maintenance of healthcare facilities. He has received awards for contribution to healthcare engineering in both Canada and the United States. He has served on the Standing Committee on Building and Plumbing Systems to the Canadian Commission on Building and Fire Codes, a member of the Canadian Society for Civil Engineering, a member of the National Fire Protection Association’s Health Care Section, a former Council Member of the International Federation for Hospital Engineers and Past President of the Canadian Healthcare Engineering Society.

Gordon is currently the chair of the Canadian Standards Association’s Technical Committee for Health Care Facility Engineering and Physical Plant, chair of their Technical Subcommittee for Infection Control during Construction, Renovation or Maintenance of Health Care Facilities and vice-chair of their Technical Subcommittee for Design and Construction of Canadian Healthcare Facilities.

Tariq Amlani, P.Eng. LEED AP

Based in Stantec’s Vancouver office, Tariq is a Principal with the firm and a mechanical engineer with 11 years of experience. Throughout his career, he has worked on hundreds of projects of varying levels of size and complexity and on various building types, including healthcare facilities. Tariq is a LEED Accredited Professional and is passionate about sustainable principles. Some of Tariq’s project highlights include the Kelowna and Vernon Hospital Public Private Partnership (P3) (2012) as the Lead Mechanical Engineer, and the North Island Hospitals Project P3, currently under construction, as the Mechanical Engineer of Record and Team Lead. Both hospitals are designed Targeting LEED Gold which incorporated innovative mechanical design solutions.

Jean Molina, P.Eng. PMP, LEED AP BD+C

Jean is based in Stantec’s Longueuil, Quebec office and is the Department Director of the mechanical and electrical team in the Montreal Region. Recognized as an efficient manager to lead multidisciplinary designers, Jean holds a PMP certification from PMI and is a certified LEED professional of the U.S. Green Buildings Council (USGBC). Throughout his 18 year career, Jean has specialized in the design of Building Controls and HVAC systems for institutional buildings, particularly healthcare facilities. Project experience includes the design and construction of many large and complex institutional, industrial and commercial projects in which the performance of the electromechanically systems was very high. Jean was the recipient for four years of ASHRAE’s Technology Award for various projects, including the Honore-Mercier Hospital. Notable project experience includes Richelieu-Yamaska Health and Social Services Centre (2015) and Redevelopment of the LaSalle Hospital Emergency Department (2015).
**David Bligh, P.Eng, MASc**
Onsite Energy Manager, NSHA

David Bligh is an engineer with Efficiency Nova Scotia specializing in the healthcare sector. He is a graduate of Dalhousie University with a Mechanical Engineering degree and Master of Applied Science. He is originally from the Annapolis Valley and lives in North End Halifax with his wife and two cats.

**Derwin R. Swinemar**
Deputy Fire Marshal, Public Education

Employed with the Province of Nova Scotia 22 years
13 years with the Department of Justice, Correctional Services
9 years Nova Scotia Office of the Fire Marshal
Level I Fire Inspector, (FIANS) Fire Inspectors of Nova Scotia
Certified Fire and Explosion investigator  NFPA 1033
Certified Public Educator Ontario Fire College, Gravenhurst Ontario  NFPA 1035
Active within the Volunteer fire service in Nova Scotia for 35 years and retired as a chief fire officer.

**Barry Hunt – President & CEO Class 1 Inc.**

Barry received his Honour’s degree in Biological and Biomedical Sciences from the University of Guelph and studied Post-Degree Sciences at the University of Waterloo.

Barry worked for 10 years in the labs at Grand River Hospital, and 7 years in Anaesthesia, Respiratory, and Medical Gas sales, and product and market development with Medigas and Praxair.

Barry has been instrumental in the design, development and implementation of many new mechanical, electrical and architectural products for Health Care Facilities. For over 20 years Barry has assisted Hospital staff, Mechanical and Electrical Engineering Consultants and Architects in the design of large and small hospitals, clinics and labs.

Barry is Chair of CSA’s Technical Subcommittee on Medical Gases as well as a member of CSA’s Strategic Steering Committee on Healthcare Technology, Technical Committee on Anaesthesia and Respiratory, and Technical Subcommittee on Plume Scavenging. Barry also represents Canada at ISO SC6 (Medical Gases) and SC8 (Suction Devices).

Barry conducts many training seminars for consultants and professional organizations including the American Society of Plumbing Engineers. He has long been a member of CHES and is often a guest speaker at both national and regional conferences. He is past Chair of the CHES National Conference and currently on the CHES National Conference Subcommittee.
Michael Chaulk, M.A.Sc., P.Eng. – Practice Lead – Water Treatment

Mr. Chaulk holds a Bachelor of Biological Engineering, and a Masters of Civil Engineering from Dalhousie University and has 13 years experience in the field of water and wastewater treatment projects.

Mr. Chaulk specializes in the areas of water supply and treatment, membrane treatment of water and wastewater, distribution system corrosion protection, and pilot studies related to process optimization. He has been involved in the design and optimization of small and large-scale treatment plant projects throughout Atlantic Canada and across North America ranging from fewer than 1,000 customers to greater than 1,000,000 customers.

Mr. Chaulk regularly undertakes pre-design studies, detailed design assignments, and construction management projects for municipalities, industries, and water system owners across the region. In addition to treatment plant design Mr. Chaulk regularly conducts specialized process assessment studies; water audits related to treatment plant demands and reservoir operation; distribution system corrosion investigations; and premise pluming corrosion investigations. Mr. Chaulk is a member of the ACWWA Board of Directors, the AWWA Disinfection Committee, and was awarded the 2012 Young Engineer award by Engineers Nova Scotia.

Roxanne Tate P.Eng., MASc. President Tate Engineering Inc.

Roxanne Tate leads the Energy and Sustainability Services division of Tate Engineering Inc. Her focus is on energy optimization as well as the development and implementation of energy and sustainability programs for new and existing clients.

She works with a variety of clients, including those in the healthcare sector, to overcome the greatest challenges of energy management and develop holistic, organizational approaches to energy management. Roxanne is a Professional Engineer and graduate from Dalhousie University, from which she obtained both a Bachelor’s Degree in Engineering and a Master’s Degree in Applied Science.

Michael Dunn - President, Dunn & Associates

Michael believes in expanding client and stakeholder visions of what they can achieve together. He is a new breed of management consultant, applying formal decision science research and behavioural communications to strategic management - delivering success through behavioural outcomes. Michael amassed a wealth of corporate and public affairs expertise and experience from more than 20 years’ national and international experience as principal of his own firm, and as a director in the Toronto office of Edelman Public Relations Worldwide. He has counseled and supported a variety of public, private and non-governmental organizations across Canada in the areas of decision research and behavioural communications, stakeholder
relations, change management, risk communication, issue management, and crisis preparedness and response. In addition to a Bachelor of Science in Biology from Dalhousie University, Michael holds a Bachelor of Public Relations (Distinction) degree from Mount Saint Vincent University, and is a certified Applications Professional in Mental Modeling Technology™.

**Mike Hickey - MF Hickey Consulting**

Recently retired, Mike Hickey was the Director; Facilities Management and Support Services for Northern Health Authority based in Prince George BC, after working for 35 years in the Facilities Management side of healthcare. Twenty one years have been in St. John's NL, his city of birth, while the last 14 years have been in Prince George. Prior to moving to northern BC, Mike served as an Assistant Director of Facilities Management with the Healthcare Corporation of St. John's and has worked in both acute care and long term care.

Mike's background is in Power Engineering. He has also completed the management programs of Modern Management, Quality Management for Healthcare Professionals, Health Services Management, and Long Term Care Senior management (academic excellence award) through the Canadian Healthcare Association. He has represented BC on the National Energy Efficiency Advisory committee with the Canadian College of Health Service Executives, and held membership on the CHA National Advisory Committee for Management programs across Canada. He has also served as an Education Consultant with CHA for the Modern Management program. He is a past Chair of the BC Chapter of the Canadian Healthcare Engineering Society (CHES), as well as past National President of CHES. Mike is also a Faculty member for the Canadian Healthcare Construction Program course, a joint effort of CHES (Canadian Healthcare Engineering Society) and ASHE (American Society for Healthcare Engineering).

He is also a faculty member of the Canadian Standards Association for CSA Standard Z317.13-12, Infection Control during Construction, Renovation and Maintenance of Healthcare Facilities. Mike is still very active as a consultant in the field of Healthcare Engineering, operating under the name of MF Hickey Consulting. In his spare time, he serves as President of the Board of Directors for the Prince George Hospice Society.